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DAkkS Deutsche Akkreditierungsstelle D-PL-20293-02-00

Akkreditiert nach DIN EN ISO/IEC 17025:2018 für die Ermittlung von Geräuschen

Bekanntgegebene Messstelle nach § 29b BImSchG

Projektnummer: L-5440-02

Schalltechnisches Gutachten L-5440-02 vom 13.12.2022 für die Errichtung und den Betrieb mehrerer Windenergieanlagen (WEA) in 46325 Borken-Marbeck

Änderung der Herstellerangaben

Kurzdarstellung der Geräuschimmissionssituation

Sehr geehrter Herr Paus,

in dem schalltechnischen Gutachten L-5440-02 vom 13.12.2022 sowie der Ergänzung vom 16.04.2024 wurden die Errichtung und der Betrieb von vier weiteren Windenergieanlagen durch die Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG am Standort Borken-Marbeck untersucht.

Abweichend zum o. g. Gutachten liegen von der ENERCON GmbH zu dem Anlagentyp E-160 EP5 E3 R1 geänderte Herstellerangaben zu den Emissionen vor. Dieses betrifft die geplanten Anlagen WEA 3, WEA 4 und WEA 5. Die Emissionsdaten der beantragen WEA 2 vom Typ E-138 EP3 E3 bleiben unverändert.

Es ist daher zu untersuchen, ob an den nächstgelegenen Wohnhäusern durch die Schallabstrahlung der geplanten Windenergieanlagen mit den geänderten Emissionsdaten der E-160 EP5 E3 R1 inklusive der Geräuschvorbelastung weiterhin die zulässigen Immissionsrichtwerte gemäß der Technischen Anleitung zum Schutz gegen Lärm – TA Lärm eingehalten werden.

Grundlage dieser Berechnung ist das gleiche Ausbreitungsmodell einschließlich der Immissions-aufpunktmodellierung, wie es in der Geräuschimmissionsprognose Nr. L-5440-02 vom 13.12.2022 und der Ergänzung vom 16.04.2024 angewendet wurde.

Emissionsdaten WEA Enercon E-160 EP5 E3 R1 / 5.560 kW mit TES

Für die Windenergieanlage vom Typ Enercon E-160 EP5 E3 mit den TES-Rotorblättern (= Trailing Edge Serrations) hat die ENERCON GmbH für verschiedene elektrische Leistungskennlinien der WEA korrigierte maximale Schallleistungspegel herausgegeben:

106,8 dB(A) bei 5.560 kW im Mode 0s-1
106,0 dB(A) bei 5.440 kW im Mode NR Is-1
105,2 dB(A) bei 5.270 kW im Mode NR IIs-1
104,5 dB(A) bei 5.100 kW im Mode NR IIIs-1
103,7 dB(A) bei 4.920 kW im Mode NR IVs-1
103,4 dB(A) bei 4.750 kW im Mode NR Vs-1
103,0 dB(A) bei 4.580 kW im Mode NR VIs-1
102,1 dB(A) bei 4.400 kW im Mode NR VIIs-1
98,5 dB(A) bei 2.250 kW im Mode NR VIIIs-1

Da bisher für den Anlagentyp E-160 EP5 E3 R1 keine Messberichte vorliegen, werden hier die geplanten Windenergieanlagen mit einem maximalen Schallleistungspegel in Ansatz gebracht. Dabei dürfen im Nachtbetrieb die geplanten Anlagen – bei Vorlage eines FGW-konformen Messberichtes – die folgenden Schallleistungspegel inkl. aller Zuschläge (z. B. 2,1 dB(A) für 1-fach vermessene Anlagen) nicht überschreiten:

WEA03 = Mode NR VIs-1 mit 103,0 dB(A) + 2,1 dB(A) = 105,1 dB(A)
WEA04 = Mode NR IVs-1 mit 103,7 dB(A) + 2,1 dB(A) = 105,8 dB(A)
WEA05 = Mode NR Vs-1 mit 103,4 dB(A) + 2,1 dB(A) = 105,5 dB(A)

Zur Tagzeit ist die Betriebsweise der geplanten Anlagen jeweils in Volllast mit 108,9 dB(A) inkl. Zuschlag von 2,1 dB(A) für den oberen Vertrauensbereich möglich.

Für die Windenergieanlagen WEA01 und WEA02 ergeben sich gegenüber den im Gutachten L-5440-02 festgelegten Schallleistungspegeln und Emissionsparametern keine Änderungen.

Unter Zugrundelegung der geänderten Herstellerangaben der ENERCON GmbH zu dem Anlagentyp E-160 EP5 E3 R1 ergeben sich für die geplanten Windenergieanlagen folgende Oktavspektren:

Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG:									
Frequenz	**63**	**125**	**250**	**500**	**1.000**	**2.000**	**4.000**	**8.000**	**Summe**
WEA03, Enercon E-160 EP5 E3, V_{10} = 12 m/s [2]									
$L_{WA,P}$	84.1	89.6	93.1	94.9	98.0	98.3	86.9	65.3	103.0
WEA04, Enercon E-160 EP5 E3, V_{10} = 12 m/s [2]									
$L_{WA,P}$	84.9	91.3	94.7	96.3	98.6	98.2	88.5	66.7	103.7
WEA05, Enercon E-160 EP5 E3, V_{10} = 12 m/s [2]									
$L_{WA,P}$	84.5	90.6	94.2	95.7	98.3	98.2	87.8	66.0	103.4

Unter Berücksichtigung der v. g. Berechnungsvorgaben werden die WEA im Interimsverfahren mit folgenden Schallleistungspegeln zur Nachtzeit in Ansatz gebracht:

	WEA-Typ	Schall-redu-zierung [dB(A)]	Resultierender Schallleistungs-pegel L_{WA}[1] [dB(A)]	Wert Spektren [dB(A)]	Zuschlag Unsicherheit [dB(A)]
Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG:					
Marb. 03	E-160 EP5 E3	ja	105,1	103,0 [2]	2,1 [3]
Marb. 04	E-160 EP5 E3	ja	105,8	103,7 [2]	2,1 [3]
Marb. 05	E-160 EP5 E3	ja	105,5	103,4 [2]	2,1 [3]

[1] inklusive Zuschlag obere Vertrauensbereichsgrenze
[2] anlagenbezogene Oktavspektren lt. Herstellerangabe/Garantiewert
[3] 1-fach Vermessung; Serienstreuung = 1,2 dB, Unsicherheit Prognosemodell = 1,0 dB

Bei der Zusatzbelastung handelt es sich sowohl um die genehmigte WEA 01 als auch die vier geplanten WEA 02 – WEA 05 der Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG. Die Vorbelastung besteht aus acht weiteren vorhandenen bzw. geplanten Anlagen. Aus den Beurteilungspegeln der Windenergieanlagen der Vor- und Zusatzbelastung inklusive der Zuschläge zur Abschätzung des oberen Vertrauensbereiches ergeben sich folgende Gesamtbeurteilungspegel:

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		
	WEA Interimsverfahren		Gesamt-beurteilungs-pegel [dB(A)]
	Vorbelastung 8 Anlagen	Zusatzbel. 5 Anlagen	
IP01/1 Grenzweg 5	43,2	36,9	44,1
IP01/2 Grenzweg 5	44,3	36,5	45,0
IP02/1 Grenzweg 7	46,9	35,6	47,2
IP02/2 Grenzweg 7	47,8	22,3	47,8
IP03/1 Rhader Weg 2b	45,1	29,6	45,2
IP03/2 Rhader Weg 2a	44,5	29,3	44,6
IP04/1 Rhader Weg 4	43,1	30,2	43,4
IP04/2 Rhader Weg 4a	41,9	27,8	42,1
IP05 Rhader Weg 1	39,9	27,0	40,1
IP06/1 Leblicher Weg 172	39,9	27,1	40,1
IP06/2 Leblicher Weg 172	39,8	27,0	40,1
IP07 Leblicher Weg 170	39,6	27,0	39,9
IP08 Höfer Weg 210	41,5	28,7	41,8
IP09 Höfer Weg 209	40,3	32,6	41,0
IP10 Höfer Weg 209a	40,3	33,7	41,2
IP11/1 Im Kuhl 33a	41,4	25,2	41,5
IP11/2 Im Kuhl 33	41,6	24,2	41,7

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		
	WEA Interimsverfahren		Gesamt-beurteilungs-pegel [dB(A)]
	Vorbelastung 8 Anlagen	Zusatzbel. 5 Anlagen	
IP12 Rhader Straße 43	41,2	32,2	41,7
IP13 Grenzweg 6	45,6	25,0	45,6
IP14 Grenzweg 4	45,2	29,0	45,3
IP15/1 Rhader Straße 29	45,3	27,6	45,3
IP15/2 Rhader Straße 29	45,3	30,2	45,4
IP16 Rhader Straße 33	42,7	32,0	43,1
IP17/1 Rhader Straße 27a	29,4	41,9	42,1
IP17/2 Rhader Straße 27a	44,4	28,5	44,5
IP18 Grenzweg 3	44,1	34,8	44,5
IP19 Große Heide 18	42,7	23,8	42,8
IP20 Große Heide 15	42,5	32,2	42,9
IP21 Landwehr Kämpe 1	41,1	35,3	42,1
IP22 Dorstener Landweg 8a	37,9	31,4	38,8
IP23/1 Dorstener Landweg 10	38,5	31,1	39,3
IP23/2 Dorstener Landweg 10a	38,3	31,2	39,1
IP24 Landwehr Kämpe 3	39,2	29,2	39,6
IP25 Rhader Straße 28	40,7	41,0	43,8
IP26 Rhader Straße 30	38,6	41,3	43,2
IP27 Rhader Straße 36	33,6	40,7	41,5
IP28 Rhader Straße 34a	37,1	41,0	42,5
IP29 Rhader Straße 34	34,9	41,1	42,0
IP30 Windbrake 38	30,9	45,0	45,1
IP31 Im Kühl 11	33,0	39,7	40,6
IP32 Marbecker Straße 121	32,0	40,0	40,7
IP33 Marbecker Straße 117	32,6	42,5	42,9
IP34 Marbecker Straße 114	31,5	41,5	41,9
IP35 Windbrake 3	32,9	45,1	45,4
IP36/1 Greven Esch 15	35,4	46,4	46,7
IP36/2 Greven Esch 15	32,7	46,1	46,3
IP36/3 Greven Esch 15d	37,4	44,9	45,6
IP37 Marbecker Straße 111	32,0	42,5	42,9
IP38/1 Marbecker Straße 103	30,9	43,8	44,0
IP38/2 Marbecker Straße 105	31,1	44,8	45,0
IP39 Bannhorst 17	26,2	44,7	44,7
IP40 Kips Esch 3	39,3	40,5	42,9
IP41 Kips Esch 26	41,6	38,9	43,5

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		
	WEA Interimsverfahren		Gesamt-beurteilungs-pegel [dB(A)]
	Vorbelastung 8 Anlagen	Zusatzbel. 5 Anlagen	
IP42/1 Rhader Straße 22	38,8	46,2	47,0
IP42/2 Rhader Straße 22	25,8	46,6	46,7
IP43 Marbecker Straße 101	29,3	42,3	42,5
IP44 Helle 20/20a	31,5	42,6	42,9
IP45/1 Helle 24	32,3	41,6	42,1
IP45/2 Helle 24a	32,1	40,7	41,2
IP46/1 Rhader Straße 16	30,7	42,8	43,1
IP46/2 Rhader Straße 16b	34,5	44,7	45,1
IP46/3 Rhader Straße 16c	33,1	42,7	43,2
IP47 Rhader Straße 18	22,1	42,4	42,5
IP48 Große Heide 2	33,3	42,7	43,2
IP49 Große Heide 3	32,3	41,6	42,1
IP50 Rhader Straße 4	29,4	33,6	35,0
IP51 Engelradingstraße 53	29,3	35,1	36,1
IP52 Bahnhofstraße 123	30,2	35,8	36,8
IP53 Bahnhofstraße 111b	29,7	35,4	36,5
IP54 Bahnhofstraße 103	29,8	35,3	36,4
IP55 Bahnhofstraße 95	29,8	35,1	36,2
IP56 Bahnhofstraße 87	30,0	34,8	36,0
IP57 Bahnhofstraße 66a	29,6	34,0	35,3
IP58 Bahnhofstraße 79a	29,4	34,2	35,5
IP59 Grenzweg 2	30,5	35,7	36,9
IP60 Leblicher Straße 2c	30,0	33,9	35,4
IP61 Leblicher Straße 4	30,9	34,8	36,3
IP62 Leblicher Straße 6	31,2	34,7	36,3
IP63/1 Leblicher Straße 8	31,7	34,7	36,4
IP63/2 Leblicher Straße 8	31,8	34,7	36,5
IP64 Leblicher Straße 17	32,5	34,7	36,7
IP65 Leblicher Straße 10	33,1	35,3	37,4
IP66 Buschhausen 1	32,6	34,0	36,4
IP67 Buschhausen 2	33,6	34,1	36,9
IP68 Buschhausen 3	34,4	34,5	37,4
IP69 Buschhausen 5	34,8	33,5	37,2
IP70 Dorstener Landweg 6	22,8	31,2	31,8
IP71 Große Heide 6	34,0	44,7	45,1
IP72 Horenfeld 20	38,3	38,9	41,6

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		
	WEA Interimsverfahren		Gesamt-beurteilungs-pegel [dB(A)]
	Vorbelastung 8 Anlagen	Zusatzbel. 5 Anlagen	
IP73 Horenfeld 21	37,6	38,0	40,8
IP74 Horenfeld 23	40,3	35,8	41,6

Die Gesamtbeurteilungspegel (Vorbelastung + Zusatzbelastung) aus der v. g. Tabelle sind nachfolgend auf ganze dB(A) gerundet den Immissionsrichtwerten (IRW) der TA Lärm gegenübergestellt:

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		Immissions-richtwert IRW [dB(A)]
	Gesamtbeur-teilungspegel	auf ganze dB(A) gerundet	
IP01/1 Grenzweg 5	44,1	44	45
IP01/2 Grenzweg 5	45,0	45	45
IP02/1 Grenzweg 7	47,2	47	45
IP02/2 Grenzweg 7	47,8	48	45
IP03/1 Rhader Weg 2b	45,2	45	45
IP03/2 Rhader Weg 2a	44,6	45	45
IP04/1 Rhader Weg 4	43,4	43	45
IP04/2 Rhader Weg 4a	42,1	42	45
IP05 Rhader Weg 1	40,1	40	45
IP06/1 Leblicher Weg 172	40,1	40	45
IP06/2 Leblicher Weg 172	40,1	40	45
IP07 Leblicher Weg 170	39,9	40	45
IP08 Höfer Weg 210	41,8	42	45
IP09 Höfer Weg 209	41,0	41	45
IP10 Höfer Weg 209a	41,2	41	45
IP11/1 Im Kuhl 33a	41,5	42	45
IP11/2 Im Kuhl 33	41,7	42	45
IP12 Rhader Straße 43	41,7	42	45
IP13 Grenzweg 6	45,6	46	45
IP14 Grenzweg 4	45,3	45	45
IP15/1 Rhader Straße 29	45,3	45	45
IP15/2 Rhader Straße 29	45,4	45	45
IP16 Rhader Straße 33	43,1	43	45
IP17/1 Rhader Straße 27a	42,1	42	45

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		Immissions-richtwert IRW [dB(A)]
	Gesamtbeur-teilungspegel	auf ganze dB(A) gerundet	
IP17/2 Rhader Straße 27a	44,5	45	45
IP18 Grenzweg 3	44,5	45	45
IP19 Große Heide 18	42,8	43	45
IP20 Große Heide 15	42,9	43	45
IP21 Landwehr Kämpe 1	42,1	42	45
IP22 Dorstener Landweg 8a	38,8	39	45
IP23/1 Dorstener Landweg 10	39,3	39	45
IP23/2 Dorstener Landweg 10a	39,1	39	45
IP24 Landwehr Kämpe 3	39,6	40	45
IP25 Rhader Straße 28	43,8	44	45
IP26 Rhader Straße 30	43,2	43	45
IP27 Rhader Straße 36	41,5	42	45
IP28 Rhader Straße 34a	42,5	43	45
IP29 Rhader Straße 34	42,0	42	45
IP30 Windbrake 38	45,1	45	45
IP31 Im Kühl 11	40,6	41	45
IP32 Marbecker Straße 121	40,7	41	45
IP33 Marbecker Straße 117	42,9	43	45
IP34 Marbecker Straße 114	41,9	42	45
IP35 Windbrake 3	45,4	45	45
IP36/1 Greven Esch 15	46,7	47	45
IP36/2 Greven Esch 15	46,3	46	45
IP36/3 Greven Esch 15d	45,6	46	45
IP37 Marbecker Straße 111	42,9	43	45
IP38/1 Marbecker Straße 103	44,0	44	45
IP38/2 Marbecker Straße 105	45,0	45	45
IP39 Bannhorst 17	44,7	45	45
IP40 Kips Esch 3	42,9	43	45
IP41 Kips Esch 26	43,5	44	45
IP42/1 Rhader Straße 22	47,0	47	45
IP42/2 Rhader Straße 22	46,7	47	45
IP43 Marbecker Straße 101	42,5	43	45
IP44 Helle 20/20a	42,9	43	45
IP45/1 Helle 24	42,1	42	45
IP45/2 Helle 24a	41,2	41	45
IP46/1 Rhader Straße 16	43,1	43	45
IP46/2 Rhader Straße 16b	45,1	45	45
IP46/3 Rhader Straße 16c	43,2	43	45

Immissionspunkte	L_o [dB(A)] WEA zur Nachtzeit		Immissions-richtwert IRW [dB(A)]
	Gesamtbeur-teilungspegel	auf ganze dB(A) gerundet	
IP47 Rhader Straße 18	42,5	43	45
IP48 Große Heide 2	43,2	43	45
IP49 Große Heide 3	42,1	42	45
IP50 Rhader Straße 4	35,0	35	45
IP51 Engelradingstraße 53	36,1	36	45
IP52 Bahnhofstraße 123	36,8	37	45
IP53 Bahnhofstraße 111b	36,5	37	45
IP54 Bahnhofstraße 103	36,4	36	45
IP55 Bahnhofstraße 95	36,2	36	45
IP56 Bahnhofstraße 87	36,0	36	45
IP57 Bahnhofstraße 66a	35,3	35	45
IP58 Bahnhofstraße 79a	35,5	36	45
IP59 Grenzweg 2	36,9	37	45
IP60 Leblicher Straße 2c	35,4	35	45
IP61 Leblicher Straße 4	36,3	36	45
IP62 Leblicher Straße 6	36,3	36	45
IP63/1 Leblicher Straße 8	36,4	36	45
IP63/2 Leblicher Straße 8	36,5	37	45
IP64 Leblicher Straße 17	36,7	37	45
IP65 Leblicher Straße 10	37,4	37	45
IP66 Buschhausen 1	36,4	36	45
IP67 Buschhausen 2	36,9	37	45
IP68 Buschhausen 3	37,4	37	45
IP69 Buschhausen 5	37,2	37	45
IP70 Dorstener Landweg 6	31,8	32	45
IP71 Große Heide 6	45,1	45	45
IP72 Horenfeld 20	41,6	42	45
IP73 Horenfeld 21	40,8	41	45
IP74 Horenfeld 23	41,6	42	45

Es ist der zulässige Immissionsrichtwert zur Nachtzeit gemäß der TA Lärm mit den durch die geplanten und vorhandenen Windenergieanlagen verursachten Beurteilungspegeln inklusive der Abschätzung des oberen Vertrauensbereiches zu vergleichen.

Zur Nachtzeit sind die insgesamt vier geplanten Anlagen der Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG in verschiedenen Betriebsweisen mit einem maximalen Schallleistungspegel inkl. Zuschläge wie folgt in Ansatz gebracht worden:

Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG:

WEA02, E-138 EP3 E3 = 103,1 dB(A) im Mode 101.0dB
WEA03, E-160 EP5 E3 = 105,1 dB(A) im Mode VIs
WEA04, E-160 EP5 E3 = 105,8 dB(A) im Mode IVs
WEA05, E-160 EP3 E3 = 105,5 dB(A) im Mode Vs

Wie bereits im Gutachten L-5440-02 beschrieben, ist weiterhin bei Inbetriebnahme der geplanten WEA02 – WEA05 die bereits genehmigte WEA01 vom Typ E-138 EP3 E2 der Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG auf einen Gesamtschallleistungspegel von 104,7 dB(A) inkl. Zuschläge zu drosseln. Dieser Wert entspricht dem Betriebsmodus BM IIs.

Es zeigt sich, dass in der Gesamtbelastung (Vor- und Zusatzbelastung) lediglich an dem Immissionspunkt IP13 mit einer Überschreitung des Richtwertes um 1 dB(A) zu rechnen ist. Zur Nachtzeit unterschreiten die Schallimmissionen der geplanten Anlagen an dem Immissionsort den Immissionsrichtwert um mehr als 10 dB(A). Somit liegt gemäß der TA Lärm, Ziffer 2.2 [1], dieser Immissionsort nicht im Einwirkungsbereich der geplanten Anlagen.

Der Immissionsrichtwert an den Immissionspunkten IP02/1 und IP02/2 wird um bis zu 3 dB(A) überschritten. Hierbei handelt es sich um den Betreiber einer vorhandenen WEA und somit um Eigenbeschallung. Durch die geplanten Anlagen wird hier der Immissionsrichtwert deutlich unterschritten.

Auch an den Immissionspunkten IP36/1, IP36/2, IP36/3 sowie IP42/1und IP42/2 wird der Immissionsrichtwert teilweise um bis zu 3 dB(A) überschritten. Hierbei handelt es sich um Betreiber/Mitbetreiber der geplanten Anlagen und somit um Eigenbeschallung.

Den Ergebnissen ist zu entnehmen, dass die geänderten Emissionsparametern für den Anlagentyp E - 160 EP5 E3 R1 zu keiner wesentlichen Veränderung der bisherigen Ergebnisse aus dem Gutachten L-5440-02 beitragen. Es kommt zu keiner unzulässigen Überschreitung der Beurteilungspegel.

Bei Rückfragen stehen wir gerne zur Verfügung und verbleiben

mit freundlichen Grüßen

i. A. Nils Albersmann

Anhang

Anhang A	Tabellen mit den Emissions- und Immissionsdaten der Berechnungen
Anhang B	Detaillierte Berechnungsergebnisse nach dem Interimsverfahren (Windenergieanlagen)
Anhang C	Auszüge aus den einzelnen Messberichten / Garantiewerten / Herstellerangaben mit den wesentlichen Angaben zu den Geräuschen
Anhang D	Lageplan im Maßstab 1 : 17.500 mit Darstellung der Standorte der Windenergieanlagen und der Immissionspunkte

Anhang A Tabellen mit den Emissions- und Immissionsdaten der Berechnungen

Beurteilungspegel Gesamtbelastung nach dem Interimsverfahren
(13 WEA zur Nachtzeit)

Bezeichnung	Pegel Lr	Richtwert		Höhe	Koordinaten		
	Nacht	Nacht	Gebiet		X	Y	Z
	(dBA)	(dBA)		(m)	(m)	(m)	(m)
IP01/1 Grenzweg 5	44.1	45	MI	2.5	32356670	5739851	2.5
IP01/2 Grenzweg 5	45.0	45	MI	2.5	32356713	5739824	2.5
IP02/1 Grenzweg 7	47.2	45	MI	5.0	32356890	5739612	5.0
IP02/2 Grenzweg 7	47.8	45	MI	5.0	32356898	5739614	5.0
IP03/1 Rhader Weg 2b	45.2	45	MI	5.0	32357630	5738689	5.0
IP03/2 Rhader Weg 2a	44.6	45	MI	5.0	32357666	5738653	5.0
IP04/1 Rhader Weg 4	43.4	45	MI	2.5	32357656	5738076	2.5
IP04/2 Rhader Weg 4a	42.1	45	MI	5.0	32357634	5738087	5.0
IP05 Rhader Weg 1	40.1	45	MI	5.0	32357708	5737921	5.0
IP06/1 Leblicher Weg 172	40.1	45	MI	5.0	32357638	5737855	5.0
IP06/2 Leblicher Weg 172	40.1	45	MI	5.0	32357619	5737834	5.0
IP07 Leblicher Weg 170	39.9	45	MI	5.0	32357603	5737800	5.0
IP08 Höfer Weg 210	41.8	45	MI	5.0	32357036	5737801	5.0
IP09 Höfer Weg 209	41.0	45	MI	5.0	32356369	5738176	5.0
IP10 Höfer Weg 209a	41.2	45	MI	5.0	32356290	5738305	5.0
IP11/1 Im Kuhl 33a	41.5	45	MI	5.0	32356301	5738548	5.0
IP11/2 Im Kuhl 33	41.7	45	MI	2.5	32356315	5738578	2.5
IP12 Rhader Straße 43	41.7	45	MI	2.5	32356251	5738628	2.5
IP13 Grenzweg 6	45.6	45	MI	5.0	32356651	5738670	5.0
IP14 Grenzweg 4	45.3	45	MI	5.0	32356509	5738876	5.0
IP15/1 Rhader Straße 29	45.3	45	MI	2.5	32356451	5739073	2.5
IP15/2 Rhader Straße 29	45.4	45	MI	5.0	32356446	5739094	5.0
IP16 Rhader Straße 33	43.1	45	MI	5.0	32356266	5739063	5.0
IP17/1 Rhader Straße 27a	42.1	45	MI	2.5	32356395	5739439	2.5
IP17/2 Rhader Straße 27a	44.5	45	MI	5.0	32356400	5739427	5.0
IP18 Grenzweg 3	44.5	45	MI	5.0	32356731	5739983	5.0
IP19 Große Heide 18	42.8	45	MI	2.5	32356650	5740055	2.5
IP20 Große Heide 15	42.9	45	MI	5.0	32356741	5740212	5.0
IP21 Landwehr Kämpe 1	42.1	45	MI	5.0	32357006	5740561	5.0
IP22 Dorstener Landweg 8a	38.8	45	MI	2.5	32357886	5740784	2.5
IP23/1 Dorstener Landweg 10	39.3	45	MI	5.0	32357923	5740681	5.0
IP23/2 Dorstener Landweg 10a	39.1	45	MI	5.0	32357908	5740723	5.0
IP24 Landwehr Kämpe 3	39.6	45	MI	5.0	32358225	5740247	5.0
IP25 Rhader Straße 28	43.8	45	MI	5.0	32356134	5739056	5.0
IP26 Rhader Straße 30	43.2	45	MI	5.0	32356085	5739051	5.0
IP27 Rhader Straße 36	41.5	45	MI	5.0	32356057	5738990	5.0
IP28 Rhader Straße 34a	42.5	45	MI	5.0	32355972	5738970	5.0
IP29 Rhader Straße 34	42.0	45	MI	2.5	32355924	5738951	2.5
IP30 Windbrake 38	45.1	45	MI	5.0	32355782	5739176	5.0
IP31 Im Kühl 11	40.6	45	MI	5.0	32355174	5738807	5.0
IP32 Marbecker Straße 121	40.7	45	MI	5.0	32354820	5739166	5.0
IP33 Marbecker Straße 117	42.9	45	MI	5.0	32354938	5739344	5.0

IP34 Marbecker Straße 114	41.9	45	MI	5.0	32354746	5739654	5.0
IP35 Windbrake 3	45.4	45	MI	2.5	32355034	5739642	2.5
IP36/1 Greven Esch 15	46.7	45	MI	5.0	32355681	5739627	5.0
IP36/2 Greven Esch 15	46.3	45	MI	5.0	32355685	5739642	5.0
IP36/3 Greven Esch 15d	45.6	45	MI	2.5	32355750	5739623	2.5
IP37 Marbecker Straße 111	42.9	45	MI	5.0	32354893	5739851	5.0
IP38/1 Marbecker Straße 103	44.0	45	MI	5.0	32354810	5740342	5.0
IP38/2 Marbecker Straße 105	45.0	45	MI	5.0	32354863	5740343	5.0
IP39 Bannhorst 17	44.7	45	MI	2.5	32355771	5740184	2.5
IP40 Kips Esch 3	42.9	45	MI	2.5	32356201	5740065	2.5
IP41 Kips Esch 26	43.5	45	MI	2.5	32356443	5739966	2.5
IP42/1 Rhader Straße 22	47.0	45	MI	5.0	32356061	5739770	5.0
IP42/2 Rhader Straße 22	46.7	45	MI	5.0	32356056	5739781	5.0
IP43 Marbecker Straße 101	42.5	45	MI	5.0	32354737	5740444	5.0
IP44 Helle 20/20a	42.9	45	MI	5.0	32355258	5740832	5.0
IP45/1 Helle 24	42.1	45	MI	2.5	32355460	5740860	2.5
IP45/2 Helle 24a	41.2	45	MI	5.0	32355502	5740949	5.0
IP46/1 Rhader Straße 16	43.1	45	MI	5.0	32355755	5740517	5.0
IP46/2 Rhader Straße 16b	45.1	45	MI	2.5	32355656	5740463	2.5
IP46/3 Rhader Straße 16c	43.2	45	MI	5.0	32355809	5740446	5.0
IP47 Rhader Straße 18	42.5	45	MI	5.0	32355885	5740277	5.0
IP48 Große Heide 2	43.2	45	MI	5.0	32355932	5741056	5.0
IP49 Große Heide 3	42.1	45	MI	5.0	32355936	5741316	5.0
IP50 Rhader Straße 4	35.0	45	MI	5.0	32355639	5741849	5.0
IP51 Engelradingstraße 53	36.1	45	MI	5.0	32355701	5741904	5.0
IP52 Bahnhofstraße 123	36.8	45	MI	5.0	32355903	5741931	5.0
IP53 Bahnhofstraße 111b	36.5	45	MI	5.0	32356006	5741975	5.0
IP54 Bahnhofstraße 103	36.4	45	MI	5.0	32356093	5742012	5.0
IP55 Bahnhofstraße 95	36.2	45	MI	5.0	32356215	5742052	5.0
IP56 Bahnhofstraße 87	36.0	45	MI	5.0	32356306	5742089	5.0
IP57 Bahnhofstraße 66a	35.3	45	MI	5.0	32356345	5742161	5.0
IP58 Bahnhofstraße 79a	35.5	45	MI	5.0	32356417	5742148	5.0
IP59 Grenzweg 2	36.9	45	MI	5.0	32356457	5741988	5.0
IP60 Leblicher Straße 2c	35.4	45	MI	5.0	32356665	5742142	5.0
IP61 Leblicher Straße 4	36.3	45	MI	5.0	32356817	5742022	5.0
IP62 Leblicher Straße 6	36.3	45	MI	5.0	32356896	5741946	5.0
IP63/1 Leblicher Straße 8	36.4	45	MI	5.0	32357027	5741862	5.0
IP63/2 Leblicher Straße 8	36.5	45	MI	5.0	32357044	5741840	5.0
IP64 Leblicher Straße 17	36.7	45	MI	5.0	32357163	5741724	5.0
IP65 Leblicher Straße 10	37.4	45	MI	5.0	32357181	5741612	5.0
IP66 Buschhausen 1	36.4	45	MI	5.0	32357400	5741492	5.0
IP67 Buschhausen 2	36.9	45	MI	5.0	32357400	5741467	5.0
IP68 Buschhausen 3	37.4	45	MI	5.0	32357385	5741407	5.0
IP69 Buschhausen 5	37.2	45	MI	5.0	32357528	5741323	5.0
IP70 Dorstener Landweg 6	31.8	45	MI	5.0	32357728	5740893	5.0
IP71 Große Heide 6	45.1	45	MI	5.0	32356385	5740751	5.0
IP72 Horenfeld 20	41.6	45	MI	2.5	32356415	5740461	2.5

IP73 Horenfeld 21	40.8	45	MI	5.0	32356458	5740396	5.0
IP74 Horenfeld 23	41.6	45	MI	5.0	32356447	5740206	5.0

Beurteilungspegel Vorbelastung nach dem Interimsverfahren
(8 WEA zur Nachtzeit)

Bezeichnung	Pegel Lr	Richtwert		Höhe	Koordinaten		
	Nacht	Nacht	Gebiet		X	Y	Z
	(dBA)	(dBA)		(m)	(m)	(m)	(m)
IP01/1 Grenzweg 5	43.2	45	MI	2.5	32356670	5739851	2.5
IP01/2 Grenzweg 5	44.3	45	MI	2.5	32356713	5739824	2.5
IP02/1 Grenzweg 7	46.9	45	MI	5.0	32356890	5739612	5.0
IP02/2 Grenzweg 7	47.8	45	MI	5.0	32356898	5739614	5.0
IP03/1 Rhader Weg 2b	45.1	45	MI	5.0	32357630	5738689	5.0
IP03/2 Rhader Weg 2a	44.5	45	MI	5.0	32357666	5738653	5.0
IP04/1 Rhader Weg 4	43.1	45	MI	2.5	32357656	5738076	2.5
IP04/2 Rhader Weg 4a	41.9	45	MI	5.0	32357634	5738087	5.0
IP05 Rhader Weg 1	39.9	45	MI	5.0	32357708	5737921	5.0
IP06/1 Leblicher Weg 172	39.9	45	MI	5.0	32357638	5737855	5.0
IP06/2 Leblicher Weg 172	39.8	45	MI	5.0	32357619	5737834	5.0
IP07 Leblicher Weg 170	39.6	45	MI	5.0	32357603	5737800	5.0
IP08 Höfer Weg 210	41.5	45	MI	5.0	32357036	5737801	5.0
IP09 Höfer Weg 209	40.3	45	MI	5.0	32356369	5738176	5.0
IP10 Höfer Weg 209a	40.3	45	MI	5.0	32356290	5738305	5.0
IP11/1 Im Kuhl 33a	41.4	45	MI	5.0	32356301	5738548	5.0
IP11/2 Im Kuhl 33	41.6	45	MI	2.5	32356315	5738578	2.5
IP12 Rhader Straße 43	41.2	45	MI	2.5	32356251	5738628	2.5
IP13 Grenzweg 6	45.6	45	MI	5.0	32356651	5738670	5.0
IP14 Grenzweg 4	45.2	45	MI	5.0	32356509	5738876	5.0
IP15/1 Rhader Straße 29	45.3	45	MI	2.5	32356451	5739073	2.5
IP15/2 Rhader Straße 29	45.3	45	MI	5.0	32356446	5739094	5.0
IP16 Rhader Straße 33	42.7	45	MI	5.0	32356266	5739063	5.0
IP17/1 Rhader Straße 27a	29.4	45	MI	2.5	32356395	5739439	2.5
IP17/2 Rhader Straße 27a	44.4	45	MI	5.0	32356400	5739427	5.0
IP18 Grenzweg 3	44.1	45	MI	5.0	32356731	5739983	5.0
IP19 Große Heide 18	42.7	45	MI	2.5	32356650	5740055	2.5
IP20 Große Heide 15	42.5	45	MI	5.0	32356741	5740212	5.0
IP21 Landwehr Kämpe 1	41.1	45	MI	5.0	32357006	5740561	5.0
IP22 Dorstener Landweg 8a	37.9	45	MI	2.5	32357886	5740784	2.5
IP23/1 Dorstener Landweg 10	38.5	45	MI	5.0	32357923	5740681	5.0
IP23/2 Dorstener Landweg 10a	38.3	45	MI	5.0	32357908	5740723	5.0
IP24 Landwehr Kämpe 3	39.2	45	MI	5.0	32358225	5740247	5.0
IP25 Rhader Straße 28	40.7	45	MI	5.0	32356134	5739056	5.0
IP26 Rhader Straße 30	38.6	45	MI	5.0	32356085	5739051	5.0
IP27 Rhader Straße 36	33.6	45	MI	5.0	32356057	5738990	5.0
IP28 Rhader Straße 34a	37.1	45	MI	5.0	32355972	5738970	5.0
IP29 Rhader Straße 34	34.9	45	MI	2.5	32355924	5738951	2.5

IP30 Windbrake 38	30.9	45	MI	5.0	32355782	5739176	5.0
IP31 Im Kühl 11	33.0	45	MI	5.0	32355174	5738807	5.0
IP32 Marbecker Straße 121	32.0	45	MI	5.0	32354820	5739166	5.0
IP33 Marbecker Straße 117	32.6	45	MI	5.0	32354938	5739344	5.0
IP34 Marbecker Straße 114	31.5	45	MI	5.0	32354746	5739654	5.0
IP35 Windbrake 3	32.9	45	MI	2.5	32355034	5739642	2.5
IP36/1 Greven Esch 15	35.4	45	MI	5.0	32355681	5739627	5.0
IP36/2 Greven Esch 15	32.7	45	MI	5.0	32355685	5739642	5.0
IP36/3 Greven Esch 15d	37.4	45	MI	2.5	32355750	5739623	2.5
IP37 Marbecker Straße 111	32.0	45	MI	5.0	32354893	5739851	5.0
IP38/1 Marbecker Straße 103	30.9	45	MI	5.0	32354810	5740342	5.0
IP38/2 Marbecker Straße 105	31.1	45	MI	5.0	32354863	5740343	5.0
IP39 Bannhorst 17	26.2	45	MI	2.5	32355771	5740184	2.5
IP40 Kips Esch 3	39.3	45	MI	2.5	32356201	5740065	2.5
IP41 Kips Esch 26	41.6	45	MI	2.5	32356443	5739966	2.5
IP42/1 Rhader Straße 22	38.8	45	MI	5.0	32356061	5739770	5.0
IP42/2 Rhader Straße 22	25.8	45	MI	5.0	32356056	5739781	5.0
IP43 Marbecker Straße 101	29.3	45	MI	5.0	32354737	5740444	5.0
IP44 Helle 20/20a	31.5	45	MI	5.0	32355258	5740832	5.0
IP45/1 Helle 24	32.3	45	MI	2.5	32355460	5740860	2.5
IP45/2 Helle 24a	32.1	45	MI	5.0	32355502	5740949	5.0
IP46/1 Rhader Straße 16	30.7	45	MI	5.0	32355755	5740517	5.0
IP46/2 Rhader Straße 16b	34.5	45	MI	2.5	32355656	5740463	2.5
IP46/3 Rhader Straße 16c	33.1	45	MI	5.0	32355809	5740446	5.0
IP47 Rhader Straße 18	22.1	45	MI	5.0	32355885	5740277	5.0
IP48 Große Heide 2	33.3	45	MI	5.0	32355932	5741056	5.0
IP49 Große Heide 3	32.3	45	MI	5.0	32355936	5741316	5.0
IP50 Rhader Straße 4	29.4	45	MI	5.0	32355639	5741849	5.0
IP51 Engelradingstraße 53	29.3	45	MI	5.0	32355701	5741904	5.0
IP52 Bahnhofstraße 123	30.2	45	MI	5.0	32355903	5741931	5.0
IP53 Bahnhofstraße 111b	29.7	45	MI	5.0	32356006	5741975	5.0
IP54 Bahnhofstraße 103	29.8	45	MI	5.0	32356093	5742012	5.0
IP55 Bahnhofstraße 95	29.8	45	MI	5.0	32356215	5742052	5.0
IP56 Bahnhofstraße 87	30.0	45	MI	5.0	32356306	5742089	5.0
IP57 Bahnhofstraße 66a	29.6	45	MI	5.0	32356345	5742161	5.0
IP58 Bahnhofstraße 79a	29.4	45	MI	5.0	32356417	5742148	5.0
IP59 Grenzweg 2	30.5	45	MI	5.0	32356457	5741988	5.0
IP60 Leblicher Straße 2c	30.0	45	MI	5.0	32356665	5742142	5.0
IP61 Leblicher Straße 4	30.9	45	MI	5.0	32356817	5742022	5.0
IP62 Leblicher Straße 6	31.2	45	MI	5.0	32356896	5741946	5.0
IP63/1 Leblicher Straße 8	31.7	45	MI	5.0	32357027	5741862	5.0
IP63/2 Leblicher Straße 8	31.8	45	MI	5.0	32357044	5741840	5.0
IP64 Leblicher Straße 17	32.5	45	MI	5.0	32357163	5741724	5.0
IP65 Leblicher Straße 10	33.1	45	MI	5.0	32357181	5741612	5.0
IP66 Buschhausen 1	32.6	45	MI	5.0	32357400	5741492	5.0
IP67 Buschhausen 2	33.6	45	MI	5.0	32357400	5741467	5.0
IP68 Buschhausen 3	34.4	45	MI	5.0	32357385	5741407	5.0

IP69 Buschhausen 5	34.8	45	MI	5.0	32357528	5741323	5.0
IP70 Dorstener Landweg 6	22.8	45	MI	5.0	32357728	5740893	5.0
IP71 Große Heide 6	34.0	45	MI	5.0	32356385	5740751	5.0
IP72 Horenfeld 20	38.3	45	MI	2.5	32356415	5740461	2.5
IP73 Horenfeld 21	37.6	45	MI	5.0	32356458	5740396	5.0
IP74 Horenfeld 23	40.3	45	MI	5.0	32356447	5740206	5.0

Beurteilungspegel Zusatzbelastung nach dem Interimsverfahren
(5 WEA zur Nachtzeit – WEA Windkraft Stadtlohn GmbH & Co. Marbecker Betriebs KG)

Bezeichnung	Pegel Lr	Richtwert		Höhe	Koordinaten		
	Nacht	Nacht	Gebiet		X	Y	Z
	(dBA)	(dBA)		(m)	(m)	(m)	(m)
IP01/1 Grenzweg 5	36.9	45	MI	2.5	32356670	5739851	2.5
IP01/2 Grenzweg 5	36.5	45	MI	2.5	32356713	5739824	2.5
IP02/1 Grenzweg 7	35.6	45	MI	5.0	32356890	5739612	5.0
IP02/2 Grenzweg 7	22.3	45	MI	5.0	32356898	5739614	5.0
IP03/1 Rhader Weg 2b	29.6	45	MI	5.0	32357630	5738689	5.0
IP03/2 Rhader Weg 2a	29.3	45	MI	5.0	32357666	5738653	5.0
IP04/1 Rhader Weg 4	30.2	45	MI	2.5	32357656	5738076	2.5
IP04/2 Rhader Weg 4a	27.8	45	MI	5.0	32357634	5738087	5.0
IP05 Rhader Weg 1	27.0	45	MI	5.0	32357708	5737921	5.0
IP06/1 Leblicher Weg 172	27.1	45	MI	5.0	32357638	5737855	5.0
IP06/2 Leblicher Weg 172	27.0	45	MI	5.0	32357619	5737834	5.0
IP07 Leblicher Weg 170	27.0	45	MI	5.0	32357603	5737800	5.0
IP08 Höfer Weg 210	28.7	45	MI	5.0	32357036	5737801	5.0
IP09 Höfer Weg 209	32.6	45	MI	5.0	32356369	5738176	5.0
IP10 Höfer Weg 209a	33.7	45	MI	5.0	32356290	5738305	5.0
IP11/1 Im Kuhl 33a	25.2	45	MI	5.0	32356301	5738548	5.0
IP11/2 Im Kuhl 33	24.2	45	MI	2.5	32356315	5738578	2.5
IP12 Rhader Straße 43	32.2	45	MI	2.5	32356251	5738628	2.5
IP13 Grenzweg 6	25.0	45	MI	5.0	32356651	5738670	5.0
IP14 Grenzweg 4	29.0	45	MI	5.0	32356509	5738876	5.0
IP15/1 Rhader Straße 29	27.6	45	MI	2.5	32356451	5739073	2.5
IP15/2 Rhader Straße 29	30.2	45	MI	5.0	32356446	5739094	5.0
IP16 Rhader Straße 33	32.0	45	MI	5.0	32356266	5739063	5.0
IP17/1 Rhader Straße 27a	41.9	45	MI	2.5	32356395	5739439	2.5
IP17/2 Rhader Straße 27a	28.5	45	MI	5.0	32356400	5739427	5.0
IP18 Grenzweg 3	34.8	45	MI	5.0	32356731	5739983	5.0
IP19 Große Heide 18	23.8	45	MI	2.5	32356650	5740055	2.5
IP20 Große Heide 15	32.2	45	MI	5.0	32356741	5740212	5.0
IP21 Landwehr Kämpe 1	35.3	45	MI	5.0	32357006	5740561	5.0
IP22 Dorstener Landweg 8a	31.4	45	MI	2.5	32357886	5740784	2.5
IP23/1 Dorstener Landweg 10	31.1	45	MI	5.0	32357923	5740681	5.0
IP23/2 Dorstener Landweg 10a	31.2	45	MI	5.0	32357908	5740723	5.0
IP24 Landwehr Kämpe 3	29.2	45	MI	5.0	32358225	5740247	5.0
IP25 Rhader Straße 28	41.0	45	MI	5.0	32356134	5739056	5.0

IP26 Rhader Straße 30	41.3	45	MI	5.0	32356085	5739051	5.0
IP27 Rhader Straße 36	40.7	45	MI	5.0	32356057	5738990	5.0
IP28 Rhader Straße 34a	41.0	45	MI	5.0	32355972	5738970	5.0
IP29 Rhader Straße 34	41.1	45	MI	2.5	32355924	5738951	2.5
IP30 Windbrake 38	45.0	45	MI	5.0	32355782	5739176	5.0
IP31 Im Kühl 11	39.7	45	MI	5.0	32355174	5738807	5.0
IP32 Marbecker Straße 121	40.0	45	MI	5.0	32354820	5739166	5.0
IP33 Marbecker Straße 117	42.5	45	MI	5.0	32354938	5739344	5.0
IP34 Marbecker Straße 114	41.5	45	MI	5.0	32354746	5739654	5.0
IP35 Windbrake 3	45.1	45	MI	2.5	32355034	5739642	2.5
IP36/1 Greven Esch 15	46.4	45	MI	5.0	32355681	5739627	5.0
IP36/2 Greven Esch 15	46.1	45	MI	5.0	32355685	5739642	5.0
IP36/3 Greven Esch 15d	44.9	45	MI	2.5	32355750	5739623	2.5
IP37 Marbecker Straße 111	42.5	45	MI	5.0	32354893	5739851	5.0
IP38/1 Marbecker Straße 103	43.8	45	MI	5.0	32354810	5740342	5.0
IP38/2 Marbecker Straße 105	44.8	45	MI	5.0	32354863	5740343	5.0
IP39 Bannhorst 17	44.7	45	MI	2.5	32355771	5740184	2.5
IP40 Kips Esch 3	40.5	45	MI	2.5	32356201	5740065	2.5
IP41 Kips Esch 26	38.9	45	MI	2.5	32356443	5739966	2.5
IP42/1 Rhader Straße 22	46.2	45	MI	5.0	32356061	5739770	5.0
IP42/2 Rhader Straße 22	46.6	45	MI	5.0	32356056	5739781	5.0
IP43 Marbecker Straße 101	42.3	45	MI	5.0	32354737	5740444	5.0
IP44 Helle 20/20a	42.6	45	MI	5.0	32355258	5740832	5.0
IP45/1 Helle 24	41.6	45	MI	2.5	32355460	5740860	2.5
IP45/2 Helle 24a	40.7	45	MI	5.0	32355502	5740949	5.0
IP46/1 Rhader Straße 16	42.8	45	MI	5.0	32355755	5740517	5.0
IP46/2 Rhader Straße 16b	44.7	45	MI	2.5	32355656	5740463	2.5
IP46/3 Rhader Straße 16c	42.7	45	MI	5.0	32355809	5740446	5.0
IP47 Rhader Straße 18	42.4	45	MI	5.0	32355885	5740277	5.0
IP48 Große Heide 2	42.7	45	MI	5.0	32355932	5741056	5.0
IP49 Große Heide 3	41.6	45	MI	5.0	32355936	5741316	5.0
IP50 Rhader Straße 4	33.6	45	MI	5.0	32355639	5741849	5.0
IP51 Engelradingstraße 53	35.1	45	MI	5.0	32355701	5741904	5.0
IP52 Bahnhofstraße 123	35.8	45	MI	5.0	32355903	5741931	5.0
IP53 Bahnhofstraße 111b	35.4	45	MI	5.0	32356006	5741975	5.0
IP54 Bahnhofstraße 103	35.3	45	MI	5.0	32356093	5742012	5.0
IP55 Bahnhofstraße 95	35.1	45	MI	5.0	32356215	5742052	5.0
IP56 Bahnhofstraße 87	34.8	45	MI	5.0	32356306	5742089	5.0
IP57 Bahnhofstraße 66a	34.0	45	MI	5.0	32356345	5742161	5.0
IP58 Bahnhofstraße 79a	34.2	45	MI	5.0	32356417	5742148	5.0
IP59 Grenzweg 2	35.7	45	MI	5.0	32356457	5741988	5.0
IP60 Leblicher Straße 2c	33.9	45	MI	5.0	32356665	5742142	5.0
IP61 Leblicher Straße 4	34.8	45	MI	5.0	32356817	5742022	5.0
IP62 Leblicher Straße 6	34.7	45	MI	5.0	32356896	5741946	5.0
IP63/1 Leblicher Straße 8	34.7	45	MI	5.0	32357027	5741862	5.0
IP63/2 Leblicher Straße 8	34.7	45	MI	5.0	32357044	5741840	5.0
IP64 Leblicher Straße 17	34.7	45	MI	5.0	32357163	5741724	5.0

IP65 Leblicher Straße 10	35.3	45	MI	5.0	32357181	5741612	5.0
IP66 Buschhausen 1	34.0	45	MI	5.0	32357400	5741492	5.0
IP67 Buschhausen 2	34.1	45	MI	5.0	32357400	5741467	5.0
IP68 Buschhausen 3	34.5	45	MI	5.0	32357385	5741407	5.0
IP69 Buschhausen 5	33.5	45	MI	5.0	32357528	5741323	5.0
IP70 Dorstener Landweg 6	31.2	45	MI	5.0	32357728	5740893	5.0
IP71 Große Heide 6	44.7	45	MI	5.0	32356385	5740751	5.0
IP72 Horenfeld 20	38.9	45	MI	2.5	32356415	5740461	2.5
IP73 Horenfeld 21	38.0	45	MI	5.0	32356458	5740396	5.0
IP74 Horenfeld 23	35.8	45	MI	5.0	32356447	5740206	5.0

Teilpegel nach dem Interimsverfahren (13 WEA zur Nachtzeit)

Bezeichnung	Teilpegel Nacht [dB(A)]				
	WEA Marbeck				
	WEA01	WEA02	WEA03	WEA04	WEA05
IP01/1 Grenzweg 5	30.0	34.5	30.1	16.1	14.4
IP01/2 Grenzweg 5	29.8	34.1	29.7	15.6	14.1
IP02/1 Grenzweg 7	28.8	32.3	28.0	27.4	13.9
IP02/2 Grenzweg 7	13.9	19.2	12.8	12.8	13.9
IP03/1 Rhader Weg 2b	23.4	23.9	21.7	21.5	21.9
IP03/2 Rhader Weg 2a	23.1	23.6	21.5	21.2	21.7
IP04/1 Rhader Weg 4	24.4	24.2	22.5	22.3	21.8
IP04/2 Rhader Weg 4a	22.1	21.8	20.1	19.8	19.5
IP05 Rhader Weg 1	21.3	20.9	19.4	19.2	18.8
IP06/1 Leblicher Weg 172	21.4	20.9	19.4	19.2	18.7
IP06/2 Leblicher Weg 172	21.4	20.9	19.4	19.2	18.6
IP07 Leblicher Weg 170	21.4	20.9	19.4	19.1	18.5
IP08 Höfer Weg 210	23.6	22.7	21.1	20.6	19.1
IP09 Höfer Weg 209	28.3	26.9	24.9	23.6	20.9
IP10 Höfer Weg 209a	29.5	28.2	25.8	24.4	21.4
IP11/1 Im Kuhl 33a	19.1	20.4	16.2	15.7	17.9
IP11/2 Im Kuhl 33	14.1	14.0	10.8	10.1	22.8
IP12 Rhader Straße 43	16.5	31.4	13.5	13.4	23.1
IP13 Grenzweg 6	14.6	16.2	12.5	12.7	23.2
IP14 Grenzweg 4	17.4	26.0	15.1	15.1	24.4
IP15/1 Rhader Straße 29	15.8	21.3	13.1	12.4	25.6
IP15/2 Rhader Straße 29	20.1	26.6	17.8	17.5	25.7
IP16 Rhader Straße 33	22.0	29.9	16.9	16.3	25.5
IP17/1 Rhader Straße 27a	33.7	39.9	31.7	29.9	30.2
IP17/2 Rhader Straße 27a	21.8	26.3	16.8	15.9	15.4
IP18 Grenzweg 3	29.1	33.0	19.5	16.6	17.6
IP19 Große Heide 18	13.4	21.0	13.4	13.7	16.4
IP20 Große Heide 15	18.4	31.3	15.8	16.0	21.6
IP21 Landwehr Kämpe 1	25.3	27.2	26.4	27.6	31.7
IP22 Dorstener Landweg 8a	20.8	21.6	21.2	22.5	29.0
IP23/1 Dorstener Landweg 10	20.8	21.8	21.2	22.4	28.5

IP23/2 Dorstener Landw.10a	20.8	21.7	21.2	22.5	28.7
IP24 Landwehr Kämpe 3	20.3	21.2	20.2	21.1	25.6
IP25 Rhader Straße 28	36.0	37.7	31.6	29.0	25.4
IP26 Rhader Straße 30	36.6	37.8	31.8	29.2	25.3
IP27 Rhader Straße 36	36.5	36.8	31.5	28.9	24.9
IP28 Rhader Straße 34a	37.4	36.5	31.9	29.1	24.7
IP29 Rhader Straße 34	37.8	36.2	31.9	29.1	24.6
IP30 Windbrake 38	42.5	39.4	35.0	31.3	25.6
IP31 Im Kühl 11	37.7	29.9	31.8	29.2	22.4
IP32 Marbecker Straße 121	37.2	28.8	33.9	31.6	22.9
IP33 Marbecker Straße 117	39.7	30.4	36.7	33.6	24.1
IP34 Marbecker Straße 114	35.9	28.7	37.3	35.8	24.5
IP35 Windbrake 3	40.1	31.7	41.7	37.3	25.7
IP36/1 Greven Esch 15	43.8	42.5	32.1	24.4	14.5
IP36/2 Greven Esch 15	30.5	42.6	42.2	36.2	28.3
IP36/3 Greven Esch 15d	32.4	44.4	25.5	21.2	28.4
IP37 Marbecker Straße 111	36.3	29.8	40.6	30.5	15.0
IP38/1 Marbecker Straße 103	31.4	27.3	36.7	42.4	22.4
IP38/2 Marbecker Straße 105	31.6	27.7	37.3	43.5	27.5
IP39 Bannhorst 17	34.6	35.8	40.6	40.4	15.0
IP40 Kips Esch 3	32.9	37.8	35.0	18.2	17.0
IP41 Kips Esch 26	31.5	36.6	32.3	15.0	14.9
IP42/1 Rhader Straße 22	36.5	45.5	31.8	20.0	16.1
IP42/2 Rhader Straße 22	36.5	45.3	37.0	34.3	18.5
IP43 Marbecker Straße 101	30.2	26.3	35.0	40.8	27.0
IP44 Helle 20/20a	28.7	26.9	33.8	41.6	18.2
IP45/1 Helle 24	28.6	27.4	33.5	40.3	23.6
IP45/2 Helle 24a	27.9	26.9	32.5	38.7	31.4
IP46/1 Rhader Straße 16	31.2	31.5	36.6	40.7	20.6
IP46/2 Rhader Straße 16b	31.9	31.8	38.1	42.8	26.6
IP46/3 Rhader Straße 16c	31.7	32.5	37.0	40.1	23.4
IP47 Rhader Straße 18	33.1	31.0	38.0	38.9	23.2
IP48 Große Heide 2	26.6	26.7	30.2	34.4	41.4
IP49 Große Heide 3	25.0	24.8	28.2	32.3	40.6
IP50 Rhader Straße 4	22.3	21.4	15.1	17.2	32.7
IP51 Engelradingstraße 53	22.0	21.1	24.7	28.7	32.8
IP52 Bahnhofstraße 123	22.3	21.5	24.3	28.0	34.1
IP53 Bahnhofstraße 111b	21.5	20.8	23.9	27.4	33.9
IP54 Bahnhofstraße 103	21.2	20.6	23.5	27.0	33.8
IP55 Bahnhofstraße 95	20.9	20.4	23.1	26.4	33.7
IP56 Bahnhofstraße 87	20.6	20.2	22.7	25.9	33.5
IP57 Bahnhofstraße 66a	20.3	19.8	22.2	24.3	32.7
IP58 Bahnhofstraße 79a	20.2	19.8	22.2	25.3	32.9
IP59 Grenzweg 2	20.8	20.5	22.8	25.9	34.7
IP60 Leblicher Straße 2c	19.9	19.6	21.6	24.5	32.6
IP61 Leblicher Straße 4	20.6	20.4	22.2	24.9	33.6
IP62 Leblicher Straße 6	20.3	20.1	21.8	24.4	33.7

IP63/1 Leblicher Straße 8	20.2	20.3	21.7	24.2	33.6
IP63/2 Leblicher Straße 8	20.2	20.3	21.7	24.2	33.7
IP64 Leblicher Straße 17	20.4	20.6	21.8	24.1	33.7
IP65 Leblicher Straße 10	20.7	21.1	22.1	24.7	34.3
IP66 Buschhausen 1	20.5	20.9	21.7	23.7	32.8
IP67 Buschhausen 2	20.6	21.1	21.7	23.7	32.9
IP68 Buschhausen 3	20.8	21.4	22.0	24.0	33.3
IP69 Buschhausen 5	20.6	21.2	21.6	23.5	32.1
IP70 Dorstener Landweg 6	9.6	9.3	10.7	23.2	30.4
IP71 Große Heide 6	14.0	14.7	15.5	17.7	44.7
IP72 Horenfeld 20	12.9	18.9	14.2	15.5	38.8
IP73 Horenfeld 21	17.0	20.2	18.2	19.7	37.8
IP74 Horenfeld 23	30.2	33.9	18.3	18.0	23.3

Bezeichnung	Teilpegel Nacht [dB(A)]							
	WEA Schlickenbrook							
	WEA01	WEA02	WEA03	WEA04	WEA05	WEA08	WEA09	WEA10
IP01/1 Grenzweg 5	38.4	34.4	35.9	31.5	32.9	29.6	33.5	29.1
IP01/2 Grenzweg 5	39.1	34.9	36.6	35.2	33.5	33.9	33.9	29.4
IP02/1 Grenzweg 7	44.3	38.4	27.8	33.5	37.2	26.0	37.1	31.4
IP02/2 Grenzweg 7	44.2	38.3	34.6	39.2	37.3	35.6	37.1	33.5
IP03/1 Rhader Weg 2b	30.8	33.4	30.7	33.4	36.7	31.1	40.7	39.0
IP03/2 Rhader Weg 2a	29.5	32.8	30.3	32.9	36.0	30.7	39.8	38.8
IP04/1 Rhader Weg 4	28.9	31.7	26.2	27.9	30.0	26.7	36.7	40.5
IP04/2 Rhader Weg 4a	26.7	29.5	26.3	28.1	30.2	26.8	34.5	39.4
IP05 Rhader Weg 1	25.4	28.1	25.2	26.8	28.2	25.7	32.6	37.1
IP06/1 Leblicher Weg 172	25.2	28.0	24.9	26.5	28.3	25.4	32.3	37.3
IP06/2 Leblicher Weg 172	25.2	27.9	24.8	26.3	28.2	25.3	32.2	37.2
IP07 Leblicher Weg 170	25.0	27.8	24.6	26.1	28.0	25.1	32.0	37.1
IP08 Höfer Weg 210	26.2	29.2	24.6	26.1	27.9	25.0	32.7	39.8
IP09 Höfer Weg 209	28.7	31.6	25.3	26.5	28.1	25.9	33.0	36.8
IP10 Höfer Weg 209a	29.5	32.3	25.7	26.9	28.4	26.3	33.2	36.1
IP11/1 Im Kuhl 33a	31.8	34.5	26.9	28.2	29.6	27.6	34.6	36.0
IP11/2 Im Kuhl 33	32.1	34.9	27.2	28.4	29.8	27.9	34.9	36.0
IP12 Rhader Straße 43	32.2	34.7	27.1	28.3	29.6	27.9	34.4	35.1
IP13 Grenzweg 6	35.0	39.3	29.2	30.9	33.0	29.7	39.6	40.0
IP14 Grenzweg 4	37.2	40.6	29.9	31.3	32.9	30.5	38.3	36.5
IP15/1 Rhader Straße 29	39.1	40.6	30.7	31.8	32.9	31.4	37.2	34.3
IP15/2 Rhader Straße 29	39.3	40.5	30.7	31.8	32.9	31.5	37.1	34.1
IP16 Rhader Straße 33	36.3	37.1	29.3	30.2	31.0	30.2	35.0	33.0
IP17/1 Rhader Straße 27a	25.2	22.3	15.6	19.8	18.8	16.4	19.2	14.5
IP17/2 Rhader Straße 27a	40.1	37.5	31.9	32.3	32.3	33.1	34.9	31.3
IP18 Grenzweg 3	36.4	33.0	36.3	34.4	32.3	38.9	32.5	28.3
IP19 Große Heide 18	35.1	32.1	34.9	32.2	31.2	37.6	31.6	27.6
IP20 Große Heide 15	33.2	30.7	35.0	32.6	30.6	38.3	30.6	26.8
IP21 Landwehr Kämpe 1	29.3	27.9	33.6	30.9	28.7	37.8	28.4	24.9
IP22 Dorstener Landweg 8a	24.8	24.7	30.6	28.7	26.8	34.2	26.1	23.1

IP23/1 Dorstener Landweg 10	25.2	25.1	31.2	29.3	27.4	34.9	26.6	23.6
IP23/2 Dorstener Landw. 10a	25.1	24.9	31.0	29.0	27.1	34.6	26.4	23.4
IP24 Landwehr Kämpe 3	25.6	25.8	32.0	30.7	29.0	34.9	28.1	25.0
IP25 Rhader Straße 28	34.5	35.2	28.4	29.1	29.8	29.4	33.5	18.2
IP26 Rhader Straße 30	33.8	32.1	28.1	28.7	29.4	29.1	22.1	17.9
IP27 Rhader Straße 36	28.7	26.6	24.6	15.4	15.1	28.1	17.3	16.2
IP28 Rhader Straße 34a	32.1	32.1	25.3	27.7	24.1	28.0	18.9	17.2
IP29 Rhader Straße 34	31.5	21.4	24.8	27.4	14.7	27.7	15.5	14.4
IP30 Windbrake 38	15.8	16.4	26.5	13.6	13.5	27.7	15.1	14.1
IP31 Im Kühl 11	25.1	26.3	22.6	23.0	23.4	23.5	26.1	14.9
IP32 Marbecker Straße 121	23.3	24.3	21.6	21.7	21.9	22.6	24.0	23.7
IP33 Marbecker Straße 117	24.1	24.9	22.3	22.3	22.4	23.4	24.5	23.9
IP34 Marbecker Straße 114	22.8	23.5	21.6	21.5	21.4	22.7	23.2	22.4
IP35 Windbrake 3	24.6	25.1	22.9	22.8	22.7	24.2	24.6	23.7
IP36/1 Greven Esch 15	29.7	29.3	15.7	18.0	26.3	15.8	28.4	26.7
IP36/2 Greven Esch 15	24.9	18.5	26.6	22.1	21.5	28.1	17.6	14.4
IP36/3 Greven Esch 15d	30.3	29.8	27.0	26.9	26.7	28.5	28.9	27.0
IP37 Marbecker Straße 111	23.5	24.0	22.3	22.0	21.9	23.5	23.6	22.5
IP38/1 Marbecker Straße 103	22.0	22.5	21.6	21.2	20.8	23.0	22.1	20.9
IP38/2 Marbecker Straße 105	22.3	22.7	21.8	21.4	21.0	23.3	22.3	21.0
IP39 Bannhorst 17	12.5	15.3	11.0	10.7	10.6	12.1	13.1	24.6
IP40 Kips Esch 3	32.1	30.3	30.3	29.3	28.3	32.4	29.5	26.5
IP41 Kips Esch 26	35.1	32.3	32.8	31.7	30.4	35.0	31.4	27.8
IP42/1 Rhader Straße 22	33.0	31.5	29.4	29.0	28.5	21.9	30.3	27.7
IP42/2 Rhader Straße 22	19.7	17.8	15.9	15.6	15.2	16.8	16.4	14.8
IP43 Marbecker Straße 101	21.4	17.3	21.2	20.7	20.4	22.6	18.3	16.7
IP44 Helle 20/20a	22.5	22.7	22.8	22.0	21.4	24.6	22.4	20.6
IP45/1 Helle 24	23.3	23.2	23.6	22.8	22.1	25.5	22.9	21.0
IP45/2 Helle 24a	23.0	23.0	23.6	22.7	21.9	25.5	22.7	20.7
IP46/1 Rhader Straße 16	26.0	22.3	13.7	14.5	18.4	14.4	24.1	23.1
IP46/2 Rhader Straße 16b	26.0	25.6	25.6	24.8	24.1	27.6	25.2	23.1
IP46/3 Rhader Straße 16c	27.0	26.3	17.6	18.5	24.8	18.4	25.9	23.6
IP47 Rhader Straße 18	13.4	13.6	13.2	12.6	12.1	14.4	12.8	11.5
IP48 Große Heide 2	23.9	23.6	25.1	24.0	23.0	27.4	23.5	21.3
IP49 Große Heide 3	22.6	22.4	24.1	23.0	22.0	26.3	22.4	20.3
IP50 Rhader Straße 4	19.5	19.8	21.2	20.3	19.4	23.1	19.7	18.0
IP51 Engelradingstraße 53	19.3	19.7	21.2	20.2	19.4	23.1	19.7	17.8
IP52 Bahnhofstraße 123	20.1	20.5	22.2	21.2	20.3	24.1	20.5	18.7
IP53 Bahnhofstraße 111b	19.5	19.9	21.7	20.7	19.7	23.7	19.9	18.0
IP54 Bahnhofstraße 103	19.5	19.8	21.7	20.7	19.7	23.8	19.9	18.0
IP55 Bahnhofstraße 95	19.4	19.8	21.8	20.8	19.8	24.0	19.9	17.9
IP56 Bahnhofstraße 87	19.5	19.9	22.0	20.9	19.9	24.2	20.1	18.1
IP57 Bahnhofstraße 66a	19.1	19.4	21.6	20.5	19.5	23.8	19.6	17.7
IP58 Bahnhofstraße 79a	19.2	19.5	21.8	20.7	15.5	24.0	19.7	17.7
IP59 Grenzweg 2	19.9	20.2	22.6	21.4	20.3	24.8	20.4	18.3
IP60 Leblicher Straße 2c	19.3	19.7	22.2	21.0	20.0	24.5	20.0	17.9
IP61 Leblicher Straße 4	20.4	20.8	22.9	21.7	20.6	25.3	21.0	18.8

IP62 Leblicher Straße 6	20.2	20.5	23.4	22.1	20.9	25.9	20.9	18.7
IP63/1 Leblicher Straße 8	20.6	20.8	24.0	22.6	21.4	26.5	21.3	19.0
IP63/2 Leblicher Straße 8	20.7	20.9	24.1	22.7	21.5	26.7	21.4	19.1
IP64 Leblicher Straße 17	21.2	21.3	24.8	23.4	22.1	27.5	21.9	19.5
IP65 Leblicher Straße 10	21.8	21.8	25.5	24.0	22.6	28.3	22.4	20.0
IP66 Buschhausen 1	18.7	17.4	26.3	19.9	23.2	29.2	18.4	15.7
IP67 Buschhausen 2	17.6	17.5	26.4	24.8	23.3	29.4	23.1	20.5
IP68 Buschhausen 3	22.7	22.6	26.8	25.2	23.7	29.9	23.4	20.8
IP69 Buschhausen 5	22.9	22.8	27.3	25.6	24.1	30.5	23.7	21.1
IP70 Dorstener Landweg 6	10.6	11.2	15.4	13.8	12.4	18.1	11.8	9.8
IP71 Große Heide 6	14.6	14.5	28.7	21.6	17.0	31.6	15.0	12.5
IP72 Horenfeld 20	29.7	28.1	30.5	28.9	27.4	33.4	24.3	24.9
IP73 Horenfeld 21	20.7	19.4	31.2	29.5	28.0	34.1	21.4	16.8
IP74 Horenfeld 23	32.3	30.2	32.0	30.5	29.1	34.7	29.7	26.3

Punktquellen nach dem Interimsverfahren (13 WEA)

Bezeichnung	Schalleistung Lw	Einwirkzeit	Freq.	Höhe	Koordinaten		
	Nacht	Nacht			X	Y	Z
	(dBA)	(min)	(Hz)	(m)	(m)	(m)	(m)
WEA Marbeck							
Marb. WEA01, E-138 EP3 E2	104.7	60		160.00	32355458	5739382	160.00
Marb. WEA02, E-138 EP3 E3	103.1	60		160.00	32355989	5739575	160.00
Marb. WEA03, E-160 EP5 E3	105.1	60		166.60	32355375	5739906	166.60
Marb. WEA04, E-160 EP5 E3	105.8	60		166.60	32355253	5740349	166.60
Marb. WEA05, E-160 EP5 E3	105.5	60		166.60	32356403	5741074	166.60
WEA Schlickenbrook							
Schl. WEA01, E-138 EP3 E2	103.6	60		160.00	32356822	5739365	160.00
Schl. WEA02, GEW 1.5sL	102.1	60		96.00	32356860	5739091	96.00
Schl. WEA03, GEW 1.5sL	102.1	60		96.00	32357341	5739777	96.00
Schl. WEA04, GEW 1.5sL	102.1	60		96.00	32357366	5739516	96.00
Schl. WEA05, GEW 1.5sL	102.1	60		96.00	32357349	5739241	96.00
Schl. WEA08, Enercon E-115	105.0	60		149.00	32357350	5739960	149.00
Schl. WEA09, Enercon E-115	105.0	60		149.00	32357170	5738925	149.00
Schl. WEA10, Enercon E-115	105.0	60		149.00	32357111	5738363	149.00

Anhang B Detaillierte Berechnungsergebnisse nach dem Interimsverfahren (Windenergieanlagen) – 277 Seiten, getrennte Zählung

Immissionspunkt
Bez.: IP01/1 Grenzweg 5
ID:
X: 32356669.96 m
Y: 5739850.78 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	65.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	533
1	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	65.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	533
1	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	65.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	533
1	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	65.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	533
1	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	65.5	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	533
1	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	65.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.8	533
1	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	65.5	17.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	533
1	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	65.5	62.3	-3.0	0.0	0.0	0.0	0.0	0.0	-48.0	533

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
31	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.0	0.1	-3.0	0.0	0.0	4.3	0.0	0.0	18.2	704
31	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.0	0.3	-3.0	0.0	0.0	5.4	0.0	0.0	22.8	704
31	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.0	0.7	-3.0	0.0	0.0	6.9	0.0	0.0	23.6	704
31	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.0	1.4	-3.0	0.0	0.0	8.7	0.0	0.0	23.9	704
31	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.0	2.6	-3.0	0.0	0.0	10.8	0.0	0.0	22.3	704
31	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.0	6.8	-3.0	0.0	0.0	12.9	0.0	0.0	12.1	704
31	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.0	23.1	-3.0	0.0	0.0	15.0	0.0	0.0	-17.2	704
31	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.0	82.3	-3.0	0.0	0.0	16.7	0.0	0.0	-92.2	704

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
34	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	751
34	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	751
34	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	751
34	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	28.5	751
34	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.5	751
34	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	68.5	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	751
34	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	68.5	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-2.6	751
34	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	68.5	87.8	-3.0	0.0	0.0	0.0	0.0	0.0	-80.1	751

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
40	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	67.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	682
40	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	67.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	682
40	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	67.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.1	682
40	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	67.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	682
40	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	67.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	682
40	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	67.7	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	682
40	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	67.7	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-3.1	682
40	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	67.7	79.7	-3.0	0.0	0.0	0.0	0.0	0.0	-75.4	682

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
43	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1062
43	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1062
43	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	1062

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
43	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	1062
43	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	1062
43	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.5	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1062
43	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.5	34.8	-3.0	0.0	0.0	0.0	0.0	0.0	-17.5	1062
43	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.5	124.2	-3.0	0.0	0.0	0.0	0.0	0.0	-120.9	1062

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
46	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.8	0.1	-3.0	0.0	0.0	1.5	0.0	0.0	19.0	778
46	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.8	0.3	-3.0	0.0	0.0	2.2	0.0	0.0	25.2	778
46	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.8	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	26.9	778
46	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.8	1.5	-3.0	0.0	0.0	3.6	0.0	0.0	24.8	778
46	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.8	2.8	-3.0	0.0	0.0	4.1	0.0	0.0	22.4	778
46	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.8	7.5	-3.0	0.0	0.0	4.4	0.0	0.0	14.3	778
46	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.8	25.5	-3.0	0.0	0.0	4.6	0.0	0.0	-12.0	778
46	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.8	90.9	-3.0	0.0	0.0	4.7	0.0	0.0	-92.5	778

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
61	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	789
61	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	789
61	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	789
61	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.9	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	789
61	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	789
61	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.9	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	789
61	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.9	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-7.9	789
61	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.9	92.2	-3.0	0.0	0.0	0.0	0.0	0.0	-89.2	789

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
64	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	11.0	0.0	0.0	5.4	1263
64	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	13.4	0.0	0.0	8.7	1263
64	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	16.1	0.0	0.0	8.8	1263
64	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	19.0	0.0	0.0	6.4	1263
64	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	20.0	0.0	0.0	5.8	1263
64	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	20.0	0.0	0.0	-1.9	1263
64	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	73.0	41.4	-3.0	0.0	0.0	20.0	0.0	0.0	-41.5	1263
64	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	73.0	147.6	-3.0	0.0	0.0	20.0	0.0	0.0	-169.5	1263

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
66	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	917
66	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	917
66	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	917
66	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	917
66	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	917
66	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	917
66	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.3	30.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.4	917
66	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.3	107.2	-3.0	0.0	0.0	0.0	0.0	0.0	-105.6	917

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
72	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1306
72	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1306
72	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1306
72	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1306

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
72	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1306
72	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1306
72	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.3	42.8	-3.0	0.0	0.0	0.0	0.0	0.0	-24.1	1306
72	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.3	152.7	-3.0	0.0	0.0	0.0	0.0	0.0	-155.6	1306

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
74	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1309
74	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1309
74	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1309
74	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1309
74	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	1309
74	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1309
74	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.3	42.9	-3.0	0.0	0.0	0.0	0.0	0.0	-20.9	1309
74	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.3	153.0	-3.0	0.0	0.0	0.0	0.0	0.0	-142.6	1309

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
76	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	8.4	0.0	0.0	6.8	1511
76	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	10.3	0.0	0.0	10.9	1511
76	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	12.7	0.0	0.0	10.9	1511
76	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	15.3	0.0	0.0	8.6	1511
76	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.6	5.5	-3.0	0.0	0.0	18.2	0.0	0.0	5.4	1511
76	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.6	14.6	-3.0	0.0	0.0	20.0	0.0	0.0	-5.9	1511
76	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.6	49.5	-3.0	0.0	0.0	20.0	0.0	0.0	-50.5	1511
76	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.6	176.6	-3.0	0.0	0.0	20.0	0.0	0.0	-199.4	1511

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
81	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1559
81	32357111.00	5738363.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
24	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.2	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	728
24	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	728
24	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.2	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	728
24	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.2	23.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2	728
24	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.2	85.1	-3.0	0.0	0.0	0.0	0.0	0.0	-81.5	728

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
29	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1019
29	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1019
29	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1019
29	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.2	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	1019
29	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.2	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	1019
29	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.2	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1019
29	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.2	33.4	-3.0	0.0	0.0	0.0	0.0	0.0	-15.8	1019
29	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.2	119.1	-3.0	0.0	0.0	0.0	0.0	0.0	-115.5	1019

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
33	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	754
33	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	754
33	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	754
33	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.5	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	754
33	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	754
33	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.5	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	754
33	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.5	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-6.3	754
33	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.5	88.1	-3.0	0.0	0.0	0.0	0.0	0.0	-84.7	754

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
36	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	868
36	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	868
36	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	868
36	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	868
36	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	868
36	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	69.8	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	868
36	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	69.8	28.4	-3.0	0.0	0.0	0.0	0.0	0.0	-11.3	868
36	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	69.8	101.5	-3.0	0.0	0.0	0.0	0.0	0.0	-99.3	868

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
38	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	11.0	0.0	0.0	5.2	1298
38	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	13.4	0.0	0.0	8.5	1298
38	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	16.1	0.0	0.0	8.6	1298
38	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	18.9	0.0	0.0	6.1	1298
38	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	73.3	4.7	-3.0	0.0	0.0	20.0	0.0	0.0	5.4	1298
38	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.3	12.5	-3.0	0.0	0.0	20.0	0.0	0.0	-2.5	1298
38	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	73.3	42.5	-3.0	0.0	0.0	20.0	0.0	0.0	-42.9	1298
38	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	73.3	151.7	-3.0	0.0	0.0	20.0	0.0	0.0	-173.9	1298

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
42	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	1350
42	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1350
42	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1350
42	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1350

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
42	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1350
42	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1350
42	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.6	44.2	-3.0	0.0	0.0	0.0	0.0	0.0	-25.9	1350
42	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.6	157.8	-3.0	0.0	0.0	0.0	0.0	0.0	-161.0	1350

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
45	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1340
45	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	73.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1340
45	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1340
45	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1340
45	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1340
45	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1340
45	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.5	43.9	-3.0	0.0	0.0	0.0	0.0	0.0	-22.1	1340
45	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.5	156.6	-3.0	0.0	0.0	0.0	0.0	0.0	-146.4	1340

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
49	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	8.5	0.0	0.0	6.4	1560
49	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	10.5	0.0	0.0	10.4	1560
49	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	12.8	0.0	0.0	10.5	1560
49	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	15.5	0.0	0.0	8.0	1560
49	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	18.3	0.0	0.0	4.8	1560
49	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	20.0	0.0	0.0	-6.6	1560
49	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.9	51.1	-3.0	0.0	0.0	20.0	0.0	0.0	-52.4	1560
49	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.9	182.3	-3.0	0.0	0.0	20.0	0.0	0.0	205.4	1560

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
54	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1521
54	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1521
54	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1521
54	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1521
54	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1521
54	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.6	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	1521
54	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.6	49.9	-3.0	0.0	0.0	0.0	0.0	0.0	-35.7	1521
54	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.6	177.8	-3.0	0.0	0.0	0.0	0.0	0.0	-177.7	1521

Immissionspunkt
Bez.: IP02/1 Grenzweg 7
ID:
X: 32356890.30 m
Y: 5739611.94 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
2	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	60.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	299
2	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	60.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.5	299
2	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	60.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	35.8	299
2	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	60.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	37.8	299
2	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	60.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	38.9	299
2	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	60.5	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	38.1	299
2	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	60.5	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	299
2	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	60.5	35.0	-3.0	0.0	0.0	0.0	0.0	0.0	-15.7	299

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
4	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	66.5	0.1	-3.0	0.0	0.0	7.0	0.0	0.0	16.9	594
4	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	66.5	0.2	-3.0	0.0	0.0	9.5	0.0	0.0	20.3	594
4	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	66.5	0.6	-3.0	0.0	0.0	12.2	0.0	0.0	19.9	594
4	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	66.5	1.1	-3.0	0.0	0.0	15.1	0.0	0.0	19.2	594
4	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	66.5	2.2	-3.0	0.0	0.0	17.6	0.0	0.0	17.3	594
4	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	66.5	5.7	-3.0	0.0	0.0	18.6	0.0	0.0	8.9	594
4	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	66.5	19.5	-3.0	0.0	0.0	19.3	0.0	0.0	-16.4	594
4	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	66.5	69.5	-3.0	0.0	0.0	19.6	0.0	0.0	-80.8	594

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
6	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	64.8	0.1	-3.0	0.0	0.0	6.3	0.0	0.0	18.3	489
6	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	64.8	0.2	-3.0	0.0	0.0	8.5	0.0	0.0	23.0	489
6	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	64.8	0.5	-3.0	0.0	0.0	11.1	0.0	0.0	23.1	489
6	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	64.8	0.9	-3.0	0.0	0.0	13.8	0.0	0.0	19.2	489
6	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	64.8	1.8	-3.0	0.0	0.0	16.3	0.0	0.0	15.3	489
6	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	64.8	4.7	-3.0	0.0	0.0	17.7	0.0	0.0	7.9	489
6	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	64.8	16.0	-3.0	0.0	0.0	18.7	0.0	0.0	-12.6	489
6	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	64.8	57.1	-3.0	0.0	0.0	19.3	0.0	0.0	-69.3	489

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
8	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	64.9	0.1	-3.0	0.0	0.0	3.5	0.0	0.0	21.0	494
8	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	64.9	0.2	-3.0	0.0	0.0	4.2	0.0	0.0	27.2	494
8	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	64.9	0.5	-3.0	0.0	0.0	5.1	0.0	0.0	29.0	494
8	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	64.9	1.0	-3.0	0.0	0.0	6.1	0.0	0.0	26.8	494
8	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	64.9	1.8	-3.0	0.0	0.0	7.6	0.0	0.0	24.0	494
8	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	64.9	4.8	-3.0	0.0	0.0	9.3	0.0	0.0	16.2	494
8	32357366.00	5739516.00	96.00	0	N	4000	83

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
25	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	19.8	0.0	0.0	3.2	1550
25	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	20.0	0.0	0.0	-6.5	1550
25	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	74.8	50.8	-3.0	0.0	0.0	20.0	0.0	0.0	-52.7	1550
25	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	74.8	181.1	-3.0	0.0	0.0	20.0	0.0	0.0	-204.8	1550

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
27	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1459
27	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1459
27	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1459
27	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1459
27	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1459
27	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	1459
27	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.3	47.8	-3.0	0.0	0.0	0.0	0.0	0.0	-26.8	1459
27	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.3	170.5	-3.0	0.0	0.0	0.0	0.0	0.0	-161.1	1459

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
30	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1552
30	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1552
30	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1552
30	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1552
30	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1552
30	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	1552
30	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	74.8	50.9	-3.0	0.0	0.0	0.0	0.0	0.0	-33.7	1552
30	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	74.8	181.4	-3.0	0.0	0.0	0.0	0.0	0.0	-185.8	1552

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
32	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1803
32	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1803
32	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1803
32	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1803
32	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1803
32	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	1803
32	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.1	59.1	-3.0	0.0	0.0	0.0	0.0	0.0	-41.6	1803
32	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.1	210.7	-3.0	0.0	0.0	0.0	0.0	0.0	-215.0	1803

Immissionspunkt
Bez.: IP02/2 Grenzweg 7
ID:
X: 32356897.87 m
Y: 5739614.24 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
3	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	303
3	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	60.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.3	303
3	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	60.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	35.7	303
3	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	60.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	37.7	303
3	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	60.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	38.8	303
3	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	60.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	37.9	303
3	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	60.6	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	303
3	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	60.6	35.4	-3.0	0.0	0.0	0.0	0.0	0.0	-16.3	303

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
5	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	66.4	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	19.3	587
5	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	66.4	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	25.2	587
5	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	66.4	0.6	-3.0	0.0	0.0	4.6	0.0	0.0	27.6	587
5	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	66.4	1.1	-3.0	0.0	0.0	4.4	0.0	0.0	30.0	587
5	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	66.4	2.1	-3.0	0.0	0.0	3.9	0.0	0.0	31.2	587
5	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	66.4	5.7	-3.0	0.0	0.0	2.8	0.0	0.0	24.9	587
5	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	66.4	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	3.2	587
5	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	66.4	68.6	-3.0	0.0	0.0	0.0	0.0	0.0	-60.2	587

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
7	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	64.6	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	19.9	481
7	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	64.6	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	26.9	481
7	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	64.6	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	29.6	481
7	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	64.6	0.9	-3.0	0.0	0.0	4.7	0.0	0.0	28.5	481
7	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	64.6	1.8	-3.0	0.0	0.0	4.7	0.0	0.0	27.1	481
7	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	64.6	4.6	-3.0	0.0	0.0	4.6	0.0	0.0	21.2	481
7	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	64.6	15.8	-3.0	0.0	0.0	4.5	0.0	0.0	2.1	481
7	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	64.6	56.2	-3.0	0.0	0.0	4.1	0.0	0.0	-53.0	481

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
9	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	64.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	487
9	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	64.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	487
9	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	64.7	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	34.2	487
9	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	64.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.1	487
9	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	64.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.7	487
9	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	64.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	487
9	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	64.7	16.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.2	487
9	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	64.7	56.9	-3.0	0.0	0.0	0.0	0.0	0.0	-49.8	487

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
11	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	65.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	532
11	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	65.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.8	532
11	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	65.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.4	532

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
11	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	65.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	532
11	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	65.5	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	30.7	532
11	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	65.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	532
11	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	65.5	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	3.9	532
11	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	65.5	62.2	-3.0	0.0	0.0	0.0	0.0	0.0	-55.9	532

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
14	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	755
14	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	755
14	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	755
14	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	755
14	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	755
14	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	755
14	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.6	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-4.5	755
14	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.6	88.2	-3.0	0.0	0.0	0.0	0.0	0.0	-82.0	755

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
16	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	66.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	593
16	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	66.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	593
16	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	66.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.4	593
16	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	66.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.2	593
16	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	66.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	593
16	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	66.5	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	593
16	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	66.5	19.4	-3.0	0.0	0.0	0.0	0.0	0.0	1.0	593
16	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	66.5	69.3	-3.0	0.0	0.0	0.0	0.0	0.0	-63.8	593

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
19	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	6.9	0.0	0.0	12.1	923
19	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	9.3	0.0	0.0	14.1	923
19	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	12.0	0.0	0.0	12.0	923
19	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	14.9	0.0	0.0	11.6	923
19	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	17.4	0.0	0.0	9.7	923
19	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	18.5	0.0	0.0	3.7	923
19	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	70.3	30.2	-3.0	0.0	0.0	19.2	0.0	0.0	-29.2	923
19	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	70.3	107.9	-3.0	0.0	0.0	19.6	0.0	0.0	-121.5	923

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
23	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1277
23	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1277
23	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1277
23	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.1	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	1277
23	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1277
23	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.1	12.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1277
23	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.1	41.9	-3.0	0.0	0.0	0.0	0.0	0.0	-26.2	1277
23	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0

Immissionspunkt
Bez.: IP03/1 Rhader Weg 2b
ID:
X: 32357630.10 m
Y: 5738688.68 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
41	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	65.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	537
41	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	65.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.7	537
41	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	65.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	537
41	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	65.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	537
41	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	65.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	36.0	537
41	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	65.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	537
41	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	65.6	17.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.6	537
41	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	65.6	62.8	-3.0	0.0	0.0	0.0	0.0	0.0	-53.6	537

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
44	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	67.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	629
44	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	67.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	629
44	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	67.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	629
44	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	67.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	33.7	629
44	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	67.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	34.3	629
44	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	67.0	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	629
44	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	67.0	20.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.2	629
44	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	67.0	73.6	-3.0	0.0	0.0	0.0	0.0	0.0	-65.8	629

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
50	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	66.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	626
50	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	66.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	626
50	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	66.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	626
50	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	66.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.7	626
50	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	66.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	626
50	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	66.9	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	626
50	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	0.0	0.0	0.0	-0.6	626
50	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	66.9	73.2	-3.0	0.0	0.0	0.0	0.0	0.0	-68.3	626

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
52	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	873
52	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	873
52	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	873
52	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	873
52	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	873
52	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	69.8	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	873
52	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	69.8	28.6	-3.0	0.0	0.0	0.0	0.0	0.0	-11.5	873
52	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	69.8	102.1	-3.0	0.0	0.0	0.0	0.0	0.0	-100.0	873

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
55	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	874
55	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	874
55	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	874

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
55	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	874
55	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	874
55	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	69.8	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	874
55	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	69.8	28.6	-3.0	0.0	0.0	0.0	0.0	0.0	-11.6	874
55	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	69.8	102.1	-3.0	0.0	0.0	0.0	0.0	0.0	-100.0	874

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
57	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1065
57	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1065
57	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	1065
57	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.5	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	1065
57	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	1065
57	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.5	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1065
57	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.5	34.9	-3.0	0.0	0.0	0.0	0.0	0.0	-9.9	1065
57	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.5	124.5	-3.0	0.0	0.0	0.0	0.0	0.0	-116.2	1065

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
59	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	1310
59	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1310
59	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1310
59	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1310
59	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	1310
59	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.3	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	1310
59	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.3	42.9	-3.0	0.0	0.0	0.0	0.0	0.0	-27.5	1310
59	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.3	153.1	-3.0	0.0	0.0	0.0	0.0	0.0	-151.6	1310

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
71	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1130
71	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1130
71	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	1130
71	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1130
71	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1130
71	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1130
71	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.1	37.0	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2	1130
71	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.1	132.0	-3.0	0.0	0.0	0.0	0.0	0.0	-132.2	1130

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
73	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1872
73	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1872
73	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	76.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1872
73	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1872
73	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1872
73	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	76.4	18.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.9	1872
73	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	76.4	61.3	-3.0	0.0	0.0	0.0	0.0	0.0	-47.3	1872
73	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	76.4	218.8	-3.0	0.0	0.0	0.0	0.0	0.0	-219.0	1872

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
78	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2285
78	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2285
78	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2285
78	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2285

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
78	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2285
78	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.2	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	1.2	2285
78	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	78.2	74.9	-3.0	0.0	0.0	0.0	0.0	0.0	-57.8	2285
78	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	78.2	267.1	-3.0	0.0	0.0	0.0	0.0	0.0	-261.6	2285

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
101	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2568
101	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2568
101	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2568
101	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.2	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2568
101	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2568
101	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.6	2568
101	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.2	84.1	-3.0	0.0	0.0	0.0	0.0	0.0	-71.3	2568
101	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.2	300.1	-3.0	0.0	0.0	0.0	0.0	0.0	-308.9	2568

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
117	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2687
117	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2687
117	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2687
117	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2687
117	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2687
117	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.3	2687
117	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	79.6	88.1	-3.0	0.0	0.0	0.0	0.0	0.0	-74.7	2687
117	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	79.6	314.1	-3.0	0.0	0.0	0.0	0.0	0.0	-322.6	2687

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
119	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
56	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	921
56	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	921
56	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	921
56	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.3	30.2	-3.0	0.0	0.0	0.0	0.0	0.0	-13.6	921
56	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.3	107.7	-3.0	0.0	0.0	0.0	0.0	0.0	-106.1	921

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
58	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	4.2	0.0	0.0	12.3	1115
58	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	3.6	0.0	0.0	18.1	1115
58	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	1.9	0.0	0.0	21.6	1115
58	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1115
58	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1115
58	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.9	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1115
58	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.9	36.5	-3.0	0.0	0.0	0.0	0.0	0.0	-11.9	1115
58	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.9	130.3	-3.0	0.0	0.0	0.0	0.0	0.0	-122.4	1115

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
60	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1352
60	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1352
60	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1352
60	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1352
60	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1352
60	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.6	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	1352
60	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.6	44.3	-3.0	0.0	0.0	0.0	0.0	0.0	-29.1	1352
60	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.6	158.0	-3.0	0.0	0.0	0.0	0.0	0.0	-156.8	1352

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
63	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1173
63	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1173
63	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	1173
63	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1173
63	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1173
63	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.4	11.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	1173
63	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.4	38.4	-3.0	0.0	0.0	0.0	0.0	0.0	-23.9	1173
63	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.4	137.1	-3.0	0.0	0.0	0.0	0.0	0.0	-137.6	1173

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
65	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	1920
65	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	1920
65	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	1920
65	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1920
65	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	76.7	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1920
65	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	76.7	18.6	-3.0	0.0	0.0	0.0	0.0	0.0	6.2	1920
65	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	76.7	62.9	-3.0	0.0	0.0	0.0	0.0	0.0	-49.1	1920
65	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	76.7	224.4	-3.0	0.0	0.0	0.0	0.0	0.0	-224.8	1920

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
67	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	2330
67	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	78.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2330
67	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2330
67	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	78.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2330

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
67	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	78.3	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2330
67	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.3	22.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.6	2330
67	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	78.3	76.4	-3.0	0.0	0.0	0.0	0.0	0.0	-59.4	2330
67	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	78.3	272.3	-3.0	0.0	0.0	0.0	0.0	0.0	-267.0	2330

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
68	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2735
68	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2735
68	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	79.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2735
68	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	79.7	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2735
68	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	79.7	10.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2735
68	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.7	26.4	-3.0	0.0	0.0	0.0	0.0	0.0	-2.9	2735
68	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	79.7	89.6	-3.0	0.0	0.0	0.0	0.0	0.0	-76.5	2735
68	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	79.7	319.7	-3.0	0.0	0.0	0.0	0.0	0.0	-328.3	2735

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
69	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2616
69	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2616
69	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2616
69	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.4	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2616
69	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2616
69	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.4	25.3	-3.0	0.0	0.0	0.0	0.0	0.0	-1.2	2616
69	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.4	85.7	-3.0	0.0	0.0	0.0	0.0	0.0	-73.1	2616
69	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.4	305.7	-3.0	0.0	0.0	0.0	0.0	0.0	314.7	2616

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
70	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	2953
70	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2953
70	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2953
70	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2953
70	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2953
70	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	80.4	28.5	-3.0	0.0	0.0	0.0	0.0	0.0	-5.6	2953
70	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	80.4	96.8	-3.0	0.0	0.0	0.0	0.0	0.0	-83.6	2953
70	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	80.4	345.2	-3.0	0.0	0.0	0.0	0.0	0.0	353.8	2953

Immissionspunkt
Bez.: IP04/1 Rhader Weg 4
ID:
X: 32357655.98 m
Y: 5738075.71 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
62	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	67.0	0.1	-3.0	0.0	0.0	1.8	0.0	0.0	21.6	633
62	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	67.0	0.3	-3.0	0.0	0.0	1.8	0.0	0.0	27.4	633
62	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	67.0	0.7	-3.0	0.0	0.0	1.8	0.0	0.0	29.7	633
62	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	67.0	1.2	-3.0	0.0	0.0	1.8	0.0	0.0	31.8	633
62	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	67.0	2.3	-3.0	0.0	0.0	1.9	0.0	0.0	32.3	633
62	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	67.0	6.1	-3.0	0.0	0.0	2.1	0.0	0.0	24.6	633
62	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	67.0	20.8	-3.0	0.0	0.0	2.3	0.0	0.0	-1.3	633
62	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	67.0	74.0	-3.0	0.0	0.0	2.7	0.0	0.0	-68.9	633
80	32357111.00	5738363.00	149.00	1	N	63	87.5	0.0	0.0	0.0	67.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	22.3	643
80	32357111.00	5738363.00	149.00	1	N	125	93.5	0.0	0.0	0.0	67.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	28.1	643
80	32357111.00	5738363.00	149.00	1	N	250	96.2	0.0	0.0	0.0	67.2	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	30.4	643
80	32357111.00	5738363.00	149.00	1	N	500	98.9	0.0	0.0	0.0	67.2	1.2	-3.0	0.0	0.0	0.0	0.0	1.0	32.5	643
80	32357111.00	5738363.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	67.2	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	33.1	643
80	32357111.00	5738363.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	67.2	6.2	-3.0	0.0	0.0	0.0	0.0	1.0	25.4	643
80	32357111.00	5738363.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	67.2	21.1	-3.0	0.0	0.0	0.0	0.0	1.0	-0.4	643
80	32357111.00	5738363.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	67.2	75.2	-3.0	0.0	0.0	0.0	0.0	1.0	-68.5	643

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
82	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	989
82	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	989
82	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	989
82	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	989
82	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	989
82	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.9	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	989
82	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.9	32.4	-3.0	0.0	0.0	0.0	0.0	0.0	-14.5	989
82	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.9	115.6	-3.0	0.0	0.0	0.0	0.0	0.0	-111.8	989
83	32357170.00	5738925.00	149.00	1	N	125	93.5	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	1.0	24.1	997
83	32357170.00	5738925.00	149.00	1	N	250	96.2	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	1.0	26.2	997
83	32357170.00	5738925.00	149.00	1	N	500	98.9	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	1.0	28.0	997
83	32357170.00	5738925.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	71.0	3.6	-3.0	0.0	0.0	0.0	0.0	1.0	28.0	997
83	32357170.00	5738925.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	71.0	9.6	-3.0	0.0	0.0	0.0	0.0	1.0	18.2	997
83	32357170.00	5738925.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	71.0	32.7	-3.0	0.0	0.0	0.0	0.0	1.0	-15.8	997
83	32357170.00	5738925.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	71.0	116.5	-3.0	0.0	0.0	0.0	0.0	1.0	-113.7	997

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
84	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	1209
84	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
111	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1733
111	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1733
111	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1733
111	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.8	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1733
111	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.8	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1733
111	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.8	16.7	-3.0	0.0	0.0	0.0	0.0	0.0	2.6	1733
111	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.8	56.8	-3.0	0.0	0.0	0.0	0.0	0.0	-45.7	1733
111	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.8	202.5	-3.0	0.0	0.0	0.0	0.0	0.0	-206.4	1733

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
114	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2562
114	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2562
114	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2562
114	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2562
114	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2562
114	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-2.4	2562
114	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.2	83.9	-3.0	0.0	0.0	0.0	0.0	0.0	-67.8	2562
114	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.2	299.4	-3.0	0.0	0.0	0.0	0.0	0.0	-294.9	2562
130	32355458.00	5739382.00	160.00	1	N	63	87.6	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	10.1	2572
130	32355458.00	5739382.00	160.00	1	N	125	93.3	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	1.0	15.0	2572
130	32355458.00	5739382.00	160.00	1	N	250	94.9	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	1.0	15.0	2572
130	32355458.00	5739382.00	160.00	1	N	500	96.1	0.0	0.0	0.0	79.2	5.0	-3.0	0.0	0.0	0.0	0.0	1.0	13.9	2572
130	32355458.00	5739382.00	160.00	1	N	1000	100.3	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	1.0	13.7	2572
130	32355458.00	5739382.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	79.2	24.9	-3.0	0.0	0.0	0.0	0.0	1.0	-3.6	2572
130	32355458.00	5739382.00	160.00	1	N	4000	92.3	0.0	0.0	0.0	79.2	84.3	-3.0	0.0	0.0	0.0	0.0	1.0	-69.2	2572
130	32355458.00	5739382.00	160.00	1	N	8000	80.7	0.0	0.0	0.0	79.2	300.6	-3.0	0.0	0.0	0.0	0.0	1.0	-297.1	2572
133	32355458.00	5739382.00	160.00	1	N	1000	100.3	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	20.7	0.0	1.0	-7.0	2565
133	32355458.00	5739382.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	23.7	0.0	1.0	-27.2	2565
133	32355458.00	5739382.00	160.00	1	N	4000	92.3	0.0	0.0	0.0	79.2	84.1	-3.0	0.0	0.0	25.0	0.0	1.0	-93.9	2565
133	32355458.00	5739382.00	160.00	1	N	8000	80.7	0.0	0.0	0.0	79.2	299.8	-3.0	0.0	0.0	25.0	0.0	1.0	-321.3	2565

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
136	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2248
136	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2248
136	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2248
136	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2248
136	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2248
136	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.0	21.7	-3.0	0.0	0.0	0.0	0.0	0.0	1.6	2248
136	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.0	73.7	-3.0	0.0	0.0	0.0	0.0	0.0	-61.2	2248
136	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.0	262.7	-3.0	0.0	0.0	0.0	0.0	0.0	-264.5	2248
142	32355989.00	5739575.00	160.00	1	N	63	86.4	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	10.1	2257
142	32355989.00	5739575.00	160.00	1	N	125	91.1	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	14.1	2257
142	32355989.00	5739575.00	160.00	1	N	250	92.3	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	13.9	2257
142	32355989.00	5739575.00	160.00	1	N	500	95.5	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	1.0	15.1	2257
142	32355989.00	5739575.00	160.00	1	N	1000	97.8	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	1.0	13.5	2257
142	32355989.00	5739575.00	160.00	1	N	2000	98.4	0.0	0.0	0.0	78.1	21.8	-3.0	0.0	0.0	0.0	0.0	1.0	0.5	2257
142	32355989.00	5739575.00	160.00	1	N	4000	87.5	0.0	0.0	0.0	78.1	74.0	-3.0	0.0	0.0	0.0	0.0	1.0	-62.5	2257
142	32355989.00	5739575.00	160.00	1	N	8000	73.2	0.0	0.0	0.0	78.1	263.8	-3.0	0.0	0.0	0.0	0.0	1.0	-266.7	2257

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
144	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	2929
144	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2929
144	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	80.3	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2929
144	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2929
144	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	80.3	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2929

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
144	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	80.3	28.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2	2929
144	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	80.3	96.0	-3.0	0.0	0.0	0.0	0.0	0.0	-84.3	2929
144	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	80.3	342.4	-3.0	0.0	0.0	0.0	0.0	0.0	-352.3	2929
146	32355375.00	5739906.00	166.60	1	N	63	86.2	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	0.0	0.0	1.0	7.5	2939
146	32355375.00	5739906.00	166.60	1	N	125	91.7	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	0.0	0.0	1.0	12.1	2939
146	32355375.00	5739906.00	166.60	1	N	250	95.2	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	0.0	0.0	1.0	13.8	2939
146	32355375.00	5739906.00	166.60	1	N	500	97.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	0.0	0.0	1.0	13.0	2939
146	32355375.00	5739906.00	166.60	1	N	1000	100.1	0.0	0.0	0.0	80.4	10.7	-3.0	0.0	0.0	0.0	0.0	1.0	11.0	2939
146	32355375.00	5739906.00	166.60	1	N	2000	100.4	0.0	0.0	0.0	80.4	28.4	-3.0	0.0	0.0	0.0	0.0	1.0	-6.4	2939
146	32355375.00	5739906.00	166.60	1	N	4000	89.0	0.0	0.0	0.0	80.4	96.3	-3.0	0.0	0.0	0.0	0.0	1.0	-85.7	2939
146	32355375.00	5739906.00	166.60	1	N	8000	67.4	0.0	0.0	0.0	80.4	343.5	-3.0	0.0	0.0	0.0	0.0	1.0	354.5	2939
148	32355375.00	5739906.00	166.60	1	N	250	95.2	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	14.6	0.0	1.0	-0.8	2934
148	32355375.00	5739906.00	166.60	1	N	500	97.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	17.8	0.0	1.0	-4.9	2934
148	32355375.00	5739906.00	166.60	1	N	1000	100.1	0.0	0.0	0.0	80.4	10.7	-3.0	0.0	0.0	20.9	0.0	1.0	-9.9	2934
148	32355375.00	5739906.00	166.60	1	N	2000	100.4	0.0	0.0	0.0	80.4	28.4	-3.0	0.0	0.0	23.9	0.0	1.0	-30.2	2934
148	32355375.00	5739906.00	166.60	1	N	4000	89.0	0.0	0.0	0.0	80.4	96.2	-3.0	0.0	0.0	25.0	0.0	1.0	-110.5	2934
148	32355375.00	5739906.00	166.60	1	N	8000	67.4	0.0	0.0	0.0	80.4	343.0	-3.0	0.0	0.0	25.0	0.0	1.0	-378.9	2934

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
150	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	3312
150	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	3312
150	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	3312
150	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	3312
150	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	3312
150	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.4	32.0	-3.0	0.0	0.0	0.0	0.0	0.0	-10.1	3312
150	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	81.4	108.5	-3.0	0.0	0.0	0.0	0.0	0.0	-96.3	3312
150	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	81.4	387.1	-3.0	0.0	0.0	0.0	0.0	0.0	396.7	3312
152	32355253.00	5740349.00	166.60	1	N	63	87.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	0.0	0.0	1.0	7.2	3321
152	32355253.00	5740349.00	166.60	1	N	125	93.4	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	0.0	0.0	1.0	12.6	3321
152	32355253.00	5740349.00	166.60	1	N	250	96.8	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	0.0	0.0	1.0	13.9	3321
152	32355253.00	5740349.00	166.60	1	N	500	98.4	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	0.0	0.0	1.0	12.6	3321
152	32355253.00	5740349.00	166.60	1	N	1000	100.7	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	0.0	0.0	1.0	9.1	3321
152	32355253.00	5740349.00	166.60	1	N	2000	100.3	0.0	0.0	0.0	81.4	32.1	-3.0	0.0	0.0	0.0	0.0	1.0	-11.2	3321
152	32355253.00	5740349.00	166.60	1	N	4000	90.6	0.0	0.0	0.0	81.4	108.8	-3.0	0.0	0.0	0.0	0.0	1.0	-97.7	3321
152	32355253.00	5740349.00	166.60	1	N	8000	68.8	0.0	0.0	0.0	81.4	388.2	-3.0	0.0	0.0	0.0	0.0	1.0	398.8	3321

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
157	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.0	3254
157	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	3254
157	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	3254
157	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	81.2	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	3254
157	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	81.2	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	3254
157	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.2	31.4	-3.0	0.0	0.0	0.0	0.0	0.0	-9.4	3254
157	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	81.2	106.6	-3.0	0.0	0.0	0.0	0.0	0.0	-95.0	3254
157	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	81.2	380.3	-3.0	0.0	0.0	0.0	0.0	0.0	390.4	3254
158	32356403.00	5741074.00	166.60	1	N	125	92.7	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	12.1	3260
158	32356403.00	5741074.00	166.60	1	N	250	96.3	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	1.0	13.6	3260
158	32356403.00	5741074.00	166.60	1	N	500	97.8	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	1.0	12.2	3260
158	32356403.00	5741074.00	166.60	1	N	1000	100.4	0.0	0.0	0.0	81.3	11.9	-3.0	0.0	0.0	0.0	0.0	1.0	9.2	3260
158	32356403.00	5741074.00	166.60	1	N	2000	100.3	0.0	0.0	0.0	81.3	31.5	-3.0	0.0	0.0	0.0	0.0	1.0	-10.5	3260
158	32356403.00	5741074.00	166.60	1	N	4000	89.9	0.0	0.0	0.0	81.3	106.8	-3.0	0.0	0.0	0.0	0.0	1.0	-96.2	3260
158	32356403.00	5741074.00	166.60	1	N	8000	68.1	0.0	0.0	0.0	81.3	381.1	-3.0	0.0	0.0	0.0	0.0	1.0	392.3	3260

Immissionspunkt
Bez.: IP04/2 Rhader Weg 4a
ID:
X: 32357633.74 m
Y: 5738087.21 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
75	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	66.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	608
75	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	66.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	608
75	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	66.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	608
75	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	66.7	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	34.0	608
75	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	66.7	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	34.7	608
75	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	66.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	608
75	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	66.7	19.9	-3.0	0.0	0.0	0.0	0.0	0.0	2.2	608
75	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	66.7	71.1	-3.0	0.0	0.0	0.0	0.0	0.0	-63.0	608

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
77	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	968
77	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	968
77	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	968
77	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	968
77	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	968
77

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
98	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2223
98	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	77.9	21.5	-3.0	0.0	0.0	0.0	0.0	0.0	2.0	2223
98	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	77.9	72.9	-3.0	0.0	0.0	0.0	0.0	0.0	-60.3	2223
98	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	77.9	259.9	-3.0	0.0	0.0	0.0	0.0	0.0	-261.6	2223

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
99	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	2904
99	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2904
99	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2904
99	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2904
99	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	80.3	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2904
99	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	80.3	28.1	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	2904
99	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	80.3	95.2	-3.0	0.0	0.0	0.0	0.0	0.0	-83.4	2904
99	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	80.3	339.5	-3.0	0.0	0.0	0.0	0.0	0.0	-349.3	2904

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
100	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.3	3288
100	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	81.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	3288
100	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	3288
100	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	3288
100	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	3288
100	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.3	31.8	-3.0	0.0	0.0	0.0	0.0	0.0	-9.8	3288
100	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	81.3	107.7	-3.0	0.0	0.0	0.0	0.0	0.0	-95.5	3288
100	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	81.3	384.3	-3.0	0.0	0.0	0.0	0.0	0.0	-393.8	3288

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
103	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.0	3234
103	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	3234
103	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	3234
103	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	81.2	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	3234
103	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	81.2	11.8	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	3234
103	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.2	31.3	-3.0	0.0	0.0	0.0	0.0	0.0	-9.2	3234
103	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	81.2	106.0	-3.0	0.0	0.0	0.0	0.0	0.0	-94.3	3234
103	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	81.2	378.1	-3.0	0.0	0.0	0.0	0.0	0.0	-388.1	3234

Immissionspunkt
Bez.: IP05 Rhader Weg 1
ID:
X: 32357708.32 m
Y: 5737921.03 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
86	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	757
86	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	757
86	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	757
86	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	757
86	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	757
86	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	757
86	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.6	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-4.6	757
86	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.6	88.5	-3.0	0.0	0.0	0.0	0.0	0.0	-82.2	757

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
88	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1148
88	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1148
88	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1148
88	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	1148
88	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	1148
88	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	1148
88	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.2	37.6	-3.0	0.0	0.0	0.0	0.0	0.0	-21.0	1148
88	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.2	134.2	-3.0	0.0	0.0	0.0	0.0	0.0	-131.6	1148

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
90	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	3.7	0.0	0.0	11.8	1371
90	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	2.2	0.0	0.0	19.9	1371
90	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1371
90	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1371
90	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1371
90	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	1371
90	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.7	44.9	-3.0	0.0	0.0	0.0	0.0	0.0	-31.8	1371
90	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.7	160.2	-3.0	0.0	0.0	0.0	0.0	0.0	-162.1	1371

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
92	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	1701
92	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1701
92	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1701
92	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1701
92	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1701
92	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	1701
92	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.6	55.8	-3.0	0.0	0.0	0.0	0.0	0.0	-34.8	1701
92	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.6	198.9	-3.0	0.0	0.0	0.0	0.0	0.0	-194.7	1701

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
94	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1448
94	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1448
94	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1448

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
94	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1448
94	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1448
94	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.9	1448
94	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.2	47.5	-3.0	0.0	0.0	0.0	0.0	0.0	-34.8	1448
94	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.2	169.2	-3.0	0.0	0.0	0.0	0.0	0.0	-171.6	1448

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
105	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	2075
105	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2075
105	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	2075
105	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	2075
105	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.3	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2075
105	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.3	20.1	-3.0	0.0	0.0	0.0	0.0	0.0	2.4	2075
105	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.3	68.0	-3.0	0.0	0.0	0.0	0.0	0.0	-56.5	2075
105	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.3	242.6	-3.0	0.0	0.0	0.0	0.0	0.0	-245.1	2075

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
107	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	1634
107	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1634
107	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1634
107	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.3	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1634
107	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	1634
107	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.3	15.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.0	1634
107	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.3	53.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.9	1634
107	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.3	191.0	-3.0	0.0	0.0	0.0	0.0	0.0	-194.3	1634

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
109	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	1894
109	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1894
109	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1894
109	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.5	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1894
109	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1894
109	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.5	18.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.2	1894
109	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.5	62.1	-3.0	0.0	0.0	0.0	0.0	0.0	-51.7	1894
109	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.5	221.4	-3.0	0.0	0.0	0.0	0.0	0.0	-226.0	1894

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
112	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2687
112	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2687
112	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2687
112	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2687
112	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79

Immissionspunkt
Bez.: IP06/1 Leblicher Weg 172
ID:
X: 32357637.63 m
Y: 5737855.23 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
110	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	746
110	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	746
110	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	746
110	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	746
110	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.4	746
110	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.5	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	746
110	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.5	24.4	-3.0	0.0	0.0	0.0	0.0	0.0	-4.1	746
110	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.5	87.1	-3.0	0.0	0.0	0.0	0.0	0.0	-80.8	746

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
113	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	1176
113	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1176
113	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	1176
113	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	1176
113	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	1176
113	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1176
113	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.4	38.5	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2	1176
113	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.4	137.5	-3.0	0.0	0.0	0.0	0.0	0.0	-135.1	1176

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
116	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	1418
116	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1418
116	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1418
116	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1418
116	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1418
116	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	1418
116	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.0	46.5	-3.0	0.0	0.0	0.0	0.0	0.0	-33.6	1418
116	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.0	165.8	-3.0	0.0	0.0	0.0	0.0	0.0	-167.9	1418

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
120	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1723
120	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1723
120	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1723
120	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1723
120	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1723
120	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.7	16.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	1723
120	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.7	56.5	-3.0	0.0	0.0	0.0	0.0	0.0	-35.6	1723
120	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.7	201.4	-3.0	0.0	0.0	0.0	0.0	0.0	-197.3	1723

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
122	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1463
122	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1463
122	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1463

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
122	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1463
122	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.3	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1463
122	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.7	1463
122	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.3	47.9	-3.0	0.0	0.0	0.0	0.0	0.0	-35.3	1463
122	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.3	171.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.4	1463

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
123	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	2129
123	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2129
123	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2129
123	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	2129
123	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.6	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2129
123	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.6	20.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.7	2129
123	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.6	69.8	-3.0	0.0	0.0	0.0	0.0	0.0	-58.5	2129
123	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.6	248.9	-3.0	0.0	0.0	0.0	0.0	0.0	-251.6	2129

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
124	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1685
124	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1685
124	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1685
124	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1685
124	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.5	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	1685
124	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.5	16.3	-3.0	0.0	0.0	0.0	0.0	0.0	3.3	1685
124	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.5	55.2	-3.0	0.0	0.0	0.0	0.0	0.0	-43.9	1685
124	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.5	197.0	-3.0	0.0	0.0	0.0	0.0	0.0	-200.6	1685

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
126	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	1947
126	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1947
126	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1947
126	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.8	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1947
126	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.8	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1947
126	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.8	18.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	1947
126	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.8	63.8	-3.0	0.0	0.0	0.0	0.0	0.0	-53.7	1947
126	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.8	227.5	-3.0	0.0	0.0	0.0	0.0	0.0	-232.4	1947

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
129	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2666
129	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2666
129	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2666
129	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2666
129	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2666
129	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-3.8	2666
129	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.5	87.4	-3.0	0.0	0.0	0.0	0.0	0.0	-71.6	2666
129	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.5	311.6	-3.0	0.0	0.0	0.0	0.0	0.0	-307.4	2666

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
132	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2387
132	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2387
132	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2387
132	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2387

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
132	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.6	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2387
132	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.6	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	-0.2	2387
132	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.6	78.2	-3.0	0.0	0.0	0.0	0.0	0.0	-66.3	2387
132	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.6	279.0	-3.0	0.0	0.0	0.0	0.0	0.0	-281.4	2387

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
135	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	3058
135	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3058
135	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3058
135	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	3058
135	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	3058
135	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	80.7	29.6	-3.0	0.0	0.0	0.0	0.0	0.0	-6.9	3058
135	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	80.7	100.2	-3.0	0.0	0.0	0.0	0.0	0.0	-88.9	3058
135	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	80.7	357.4	-3.0	0.0	0.0	0.0	0.0	0.0	-367.7	3058

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
138	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	3454
138	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	3454
138	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3454
138	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	3454
138	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	81.8	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.3	3454
138	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.8	33.4	-3.0	0.0	0.0	0.0	0.0	0.0	-11.8	3454
138	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	81.8	113.2	-3.0	0.0	0.0	0.0	0.0	0.0	-101.4	3454
138	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	81.8	403.7	-3.0	0.0	0.0	0.0	0.0	0.0	-413.7	3454

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
140	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
137	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1471
137	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.4	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1471
137	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.4	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.5	1471
137	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.4	48.2	-3.0	0.0	0.0	0.0	0.0	0.0	-35.7	1471
137	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.4	172.0	-3.0	0.0	0.0	0.0	0.0	0.0	-174.4	1471

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
139	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	2148
139	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2148
139	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	2148
139	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	2148
139	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.6	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2148
139	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.6	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	1.4	2148
139	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.6	70.4	-3.0	0.0	0.0	0.0	0.0	0.0	-59.2	2148
139	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.6	251.0	-3.0	0.0	0.0	0.0	0.0	0.0	-253.9	2148

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
141	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	1703
141	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1703
141	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1703
141	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1703
141	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	1703
141	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.6	16.5	-3.0	0.0	0.0	0.0	0.0	0.0	3.0	1703
141	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.6	55.8	-3.0	0.0	0.0	0.0	0.0	0.0	-44.5	1703
141	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.6	199.1	-3.0	0.0	0.0	0.0	0.0	0.0	-202.8	1703

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
143	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	1965
143	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1965
143	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1965
143	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1965
143	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1965
143	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.8	1965
143	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.9	64.4	-3.0	0.0	0.0	0.0	0.0	0.0	-54.4	1965
143	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.9	229.7	-3.0	0.0	0.0	0.0	0.0	0.0	-234.6	1965

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
145	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2663
145	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2663
145	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2663
145	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2663
145	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2663
145	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.5	25.7	-3.0	0.0	0.0	0.0	0.0	0.0	-3.7	2663
145	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.5	87.3	-3.0	0.0	0.0	0.0	0.0	0.0	-71.5	2663
145	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.5	311.2	-3.0	0.0	0.0	0.0	0.0	0.0	-307.1	2663

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
149	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2390
149	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2390
149	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2390
149	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2390

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
149	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.6	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2390
149	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.6	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	-0.3	2390
149	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.6	78.3	-3.0	0.0	0.0	0.0	0.0	0.0	-66.4	2390
149	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.6	279.4	-3.0	0.0	0.0	0.0	0.0	0.0	-281.7	2390

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
151	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	3059
151	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3059
151	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3059
151	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	3059
151	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	3059
151	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	80.7	29.6	-3.0	0.0	0.0	0.0	0.0	0.0	-6.9	3059
151	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	80.7	100.2	-3.0	0.0	0.0	0.0	0.0	0.0	-88.9	3059
151	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	80.7	357.5	-3.0	0.0	0.0	0.0	0.0	0.0	-367.8	3059

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
156	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	3457
156	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	3457
156	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3457
156	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	3457
156	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	81.8	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.3	3457
156	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.8	33.4	-3.0	0.0	0.0	0.0	0.0	0.0	-11.9	3457
156	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	81.8	113.3	-3.0	0.0	0.0	0.0	0.0	0.0	-101.5	3457
156	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	81.8	404.0	-3.0	0.0	0.0	0.0	0.0	0.0	-414.0	3457

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
174	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	3464
174	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	3464
174	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3464
174	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3464
174	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	81.8	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	3464
174	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.8	33.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.0	3464
174	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	81.8	113.5	-3.0	0.0	0.0	0.0	0.0	0.0	-102.4	3464
174	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	81.8	404.9	-3.0	0.0	0.0	0.0	0.0	0.0	-415.6	3464

Immissionspunkt
Bez.: IP07 Leblicher Weg 170
ID:
X: 32357603.06 m
Y: 5737799.83 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
147	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	762
147	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	762
147	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	762
147	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.8	762
147	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	762
147	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.6	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	762
147	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.6	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.8	762
147	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.6	89.0	-3.0	0.0	0.0	0.0	0.0	0.0	-82.9	762

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
159	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1214
159	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.7	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1214
159	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	1214
159	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	1214
159	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.7	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1214
159	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.7	11.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	1214
159	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.7	39.8	-3.0	0.0	0.0	0.0	0.0	0.0	-23.7	1214
159	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.7	141.9	-3.0	0.0	0.0	0.0	0.0	0.0	-139.8	1214

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
161	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1466
161	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1466
161	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1466
161	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1466
161	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.3	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1466
161	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.3	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	1466
161	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.3	48.0	-3.0	0.0	0.0	0.0	0.0	0.0	-35.5	1466
161	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.3	171.4	-3.0	0.0	0.0	0.0	0.0	0.0	-173.8	1466

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
163	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	1756
163	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1756
163	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1756
163	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1756
163	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1756
163	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	1

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
169	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	2404
169	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.6	23.2	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	2404
169	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.6	78.8	-3.0	0.0	0.0	0.0	0.0	0.0	-66.9	2404
169	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.6	281.0	-3.0	0.0	0.0	0.0	0.0	0.0	-283.4	2404

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
215	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	3070
215	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3070
215	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3070
215	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	3070
215	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	3070
215	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	80.7	29.7	-3.0	0.0	0.0	0.0	0.0	0.0	-7.0	3070
215	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	80.7	100.6	-3.0	0.0	0.0	0.0	0.0	0.0	-89.4	3070
215	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	80.7	358.9	-3.0	0.0	0.0	0.0	0.0	0.0	-369.2	3070

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
216	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	3471
216	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	3471
216	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3471
216	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	3471
216	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	81.8	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	3471
216	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.8	33.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.1	3471
216	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	81.8	113.7	-3.0	0.0	0.0	0.0	0.0	0.0	-102.0	3471
216	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	81.8	405.7	-3.0	0.0	0.0	0.0	0.0	0.0	-415.7	3471

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
218	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	81.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	3491
218	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	81.9	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3491
218	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	81.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	3491
218	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	81.9	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	3491
218	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	81.9	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3491
218	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	81.9	33.7	-3.0	0.0	0.0	0.0	0.0	0.0	-12.3	3491
218	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	81.9	114.4	-3.0	0.0	0.0	0.0	0.0	0.0	-103.4	3491
218	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	81.9	408.0	-3.0	0.0	0.0	0.0	0.0	0.0	-418.8	3491

Immissionspunkt
Bez.: IP08 Höfer Weg 210
ID:
X: 32357036.31 m
Y: 5737800.94 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
153	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	66.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	585
153	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	66.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	585
153	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	66.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	585
153	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	66.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	34.4	585
153	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	66.3	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.1	585
153	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	66.3	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	585
153	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	66.3	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	3.3	585
153	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	66.3	68.4	-3.0	0.0	0.0	0.0	0.0	0.0	-59.9	585

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
154	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1141
154	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	1141
154	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	1141
154	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	1141
154	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	1141
154	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	1141
154	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.1	37.4	-3.0	0.0	0.0	0.0	0.0	0.0	-20.7	1141
154	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.1	133.4	-3.0	0.0	0.0	0.0	0.0	0.0	-130.7	1141

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
155	32356880.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1305
155	32356880.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1305
155	32356880.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1305
155	32356880.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1305
155	32356880.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1305
155	32356880.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	1305
155	32356880.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.3	42.8	-3.0	0.0	0.0	0.0	0.0	0.0	-29.2	1305
155	32356880.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.3	152.6	-3.0	0.0	0.0	0.0	0.0	0.0	-154.0	1305

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
160	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1586
160	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1586
160	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.0	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1586
160	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.0	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1586
160	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.0	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1586
160	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.0	15.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	1586
160	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.0	52.0	-3.0	0.0	0.0	0.0	0.0	0.0	-30.4	1586
160	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.0	185.4	-3.0	0.0	0.0	0.0	0.0	0.0	-180.6	1586

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
162	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	1476
162	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1476
162	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.4	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1476

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
162	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1476
162	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.4	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1476
162	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.4	14.3	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	1476
162	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.4	48.4	-3.0	0.0	0.0	0.0	0.0	0.0	-35.9	1476
162	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.4	172.6	-3.0	0.0	0.0	0.0	0.0	0.0	-175.1	1476

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
171	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2186
171	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2186
171	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2186
171	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2186
171	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2186
171	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.9	2186
171	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.8	71.7	-3.0	0.0	0.0	0.0	0.0	0.0	-60.6	2186
171	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.8	255.6	-3.0	0.0	0.0	0.0	0.0	0.0	-258.6	2186

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
172	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	2239
172	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2239
172	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2239
172	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2239
172	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2239
172	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.0	21.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.9	2239
172	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	78.0	73.4	-3.0	0.0	0.0	0.0	0.0	0.0	-56.1	2239
172	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	78.0	261.7	-3.0	0.0	0.0	0.0	0.0	0.0	-256.0	2239

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
173	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1749
173	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1749
173	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1749
173	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1749
173	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1749
173	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.9	16.9	-3.0	0.0	0.0	0.0	0.0	0.0	2.3	1749
173	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.9	57.3	-3.0	0.0	0.0	0.0	0.0	0.0	-46.3	1749
173	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.9	204.4	-3.0	0.0	0.0	0.0	0.0	0.0	-208.4	1749

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
175	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	2066
175	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2066
175	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	77.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2066
175	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2066
175	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0

Immissionspunkt
Bez.: IP09 Höfer Weg 209
ID:
X: 32356368.55 m
Y: 5738175.69 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
170	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	779
170	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	779
170	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	779
170	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.8	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	779
170	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.8	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	779
170	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.8	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	779
170	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.8	25.5	-3.0	0.0	0.0	0.0	0.0	0.0	-5.6	779
170	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.8	91.1	-3.0	0.0	0.0	0.0	0.0	0.0	-85.1	779

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
179	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1107
179	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1107
179	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1107
179	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	1107
179	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1107
179	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1107
179	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.9	36.3	-3.0	0.0	0.0	0.0	0.0	0.0	-19.3	1107
179	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.9	129.3	-3.0	0.0	0.0	0.0	0.0	0.0	-126.4	1107

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
183	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	1043
183	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1043
183	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1043
183	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1043
183	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1043
183	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.4	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1043
183	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.4	34.2	-3.0	0.0	0.0	0.0	0.0	0.0	-18.6	1043
183	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.4	121.9	-3.0	0.0	0.0	0.0	0.0	0.0	-121.4	1043

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
185	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	1282
185	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1282
185	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1282
185	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1282
185	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1282
185	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.2	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1282
185	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	73.2	42.0	-3.0	0.0	0.0	0.0	0.0	0.0	-18.6	1282
185	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	73.2	149.9	-3.0	0.0	0.0	0.0	0.0	0.0	-143.2	1282

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
189	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1519
189	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1519
189	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1519

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
189	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1519
189	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1519
189	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.6	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	1519
189	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.6	49.8	-3.0	0.0	0.0	0.0	0.0	0.0	-29.1	1519
189	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.6	177.6	-3.0	0.0	0.0	0.0	0.0	0.0	-168.5	1519

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
191	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1458
191	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1458
191	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1458
191	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1458
191	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1458
191	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1458
191	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	74.3	47.8	-3.0	0.0	0.0	0.0	0.0	0.0	-31.6	1458
191	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	74.3	170.4	-3.0	0.0	0.0	0.0	0.0	0.0	-168.5	1458

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
198	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	2002
198	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2002
198	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2002
198	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2002
198	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2002
198	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	2002
198	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	77.0	65.6	-3.0	0.0	0.0	0.0	0.0	0.0	-50.6	2002
198	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	77.0	234.0	-3.0	0.0	0.0	0.0	0.0	0.0	-240.6	2002

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
201	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1451
201	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1451
201	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1451
201	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1451
201	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1451
201	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.8	1451
201	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.2	47.5	-3.0	0.0	0.0	0.0	0.0	0.0	-34.9	1451
201	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.2	169.6	-3.0	0.0	0.0	0.0	0.0	0.0	-171.9	1451

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
203	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2042
203	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2042
203	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2042
203	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	2042
203	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.2	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2042
203	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.2	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	2.9	2042
203	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.2	66.9	-3.0	0.0	0.0	0.0	0.0	0.0	-55.3	2042
203	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.2	238.6	-3.0	0.0	0.0	0.0	0.0	0.0	-241.0	2042

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
205	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2448
205	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2448
205	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2448
205	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2448

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
205	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2448
205	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.8	23.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.9	2448
205	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.8	80.2	-3.0	0.0	0.0	0.0	0.0	0.0	-65.4	2448
205	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.8	286.2	-3.0	0.0	0.0	0.0	0.0	0.0	-293.1	2448

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
208	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1673
208	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1673
208	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.5	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1673
208	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1673
208	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	1673
208	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	0.0	0.0	0.0	3.5	1673
208	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.5	54.8	-3.0	0.0	0.0	0.0	0.0	0.0	-43.4	1673
208	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.5	195.6	-3.0	0.0	0.0	0.0	0.0	0.0	-199.1	1673

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
210	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1876
210	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1876
210	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1876
210	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1876
210	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1876
210	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.5	18.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.5	1876
210	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.5	61.5	-3.0	0.0	0.0	0.0	0.0	0.0	-51.0	1876
210	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.5	219.2	-3.0	0.0	0.0	0.0	0.0	0.0	-223.8	1876

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
213	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
188	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1369
188	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1369
188	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	1369
188	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.7	44.9	-3.0	0.0	0.0	0.0	0.0	0.0	-23.3	1369
188	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.7	160.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.1	1369

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
192	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1314
192	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1314
192	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1314
192	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	73.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1314
192	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1314
192	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	1314
192	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	73.4	43.1	-3.0	0.0	0.0	0.0	0.0	0.0	-25.9	1314
192	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	73.4	153.6	-3.0	0.0	0.0	0.0	0.0	0.0	-150.8	1314

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
194	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	76.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	1851
194	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	76.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1851
194	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	76.3	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1851
194	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	76.3	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1851
194	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	76.3	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1851
194	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	76.3	17.9	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	1851
194	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	76.3	60.6	-3.0	0.0	0.0	0.0	0.0	0.0	-45.0	1851
194	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	76.3	216.3	-3.0	0.0	0.0	0.0	0.0	0.0	-222.3	1851

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
196	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1970
196	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1970
196	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1970
196	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1970
196	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1970
196	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.9	1970
196	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.9	64.6	-3.0	0.0	0.0	0.0	0.0	0.0	-52.7	1970
196	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.9	230.3	-3.0	0.0	0.0	0.0	0.0	0.0	-232.4	1970

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
200	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	1416
200	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1416
200	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1416
200	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1416
200	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1416
200	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	1416
200	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.0	46.4	-3.0	0.0	0.0	0.0	0.0	0.0	-33.5	1416
200	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.0	165.5	-3.0	0.0	0.0	0.0	0.0	0.0	-167.6	1416

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
204	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2297
204	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2297
204	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	2297
204	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2297

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
204	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2297
204	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.2	22.2	-3.0	0.0	0.0	0.0	0.0	0.0	2.9	2297
204	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.2	75.3	-3.0	0.0	0.0	0.0	0.0	0.0	-59.9	2297
204	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.2	268.5	-3.0	0.0	0.0	0.0	0.0	0.0	-274.9	2297

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
206	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1622
206	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1622
206	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1622
206	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1622
206	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1622
206	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	0.0	0.0	0.0	4.2	1622
206	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.2	53.2	-3.0	0.0	0.0	0.0	0.0	0.0	-41.5	1622
206	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.2	189.6	-3.0	0.0	0.0	0.0	0.0	0.0	-192.9	1622

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
211	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1811
211	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1811
211	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.2	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1811
211	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.2	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1811
211	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.2	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	1811
211	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.2	17.5	-3.0	0.0	0.0	0.0	0.0	0.0	1.4	1811
211	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.2	59.3	-3.0	0.0	0.0	0.0	0.0	0.0	-48.6	1811
211	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.2	211.6	-3.0	0.0	0.0	0.0	0.0	0.0	-215.9	1811

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
214	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	6.4	2776
214	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2776
214	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2776
214	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2776
214	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	2776
214	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.9	26.8	-3.0	0.0	0.0	0.0	0.0	0.0	-3.4	2776
214	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	79.9	91.0	-3.0	0.0	0.0	0.0	0.0	0.0	-77.9	2776
214	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	79.9	324.4	-3.0	0.0	0.0	0.0	0.0	0.0	-333.2	2776

Immissionspunkt
Bez.: IP11/1 Im Kuhl 33a
ID:
X: 32356300.64 m
Y: 5738548.09 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
187	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	69.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	844
187	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	69.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	844
187	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	69.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	844
187	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	69.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	30.8	844
187	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	69.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.0	844
187	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	69.5	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	844
187	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	69.5	27.6	-3.0	0.0	0.0	0.0	0.0	0.0	-8.4	844
187	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	69.5	98.6	-3.0	0.0	0.0	0.0	0.0	0.0	-93.3	844

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
190	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	958
190	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	958
190	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	958
190	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	958
190	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.5	958
190	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.6	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	958
190	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.6	31.4	-3.0	0.0	0.0	0.0	0.0	0.0	-13.2	958
190	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.6	112.0	-3.0	0.0	0.0	0.0	0.0	0.0	-107.9	958

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
193	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	785
193	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	785
193	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	785
193	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.9	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	785
193	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	785
193	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.9	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	785
193	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.9	25.7	-3.0	0.0	0.0	0.0	0.0	0.0	-7.7	785
193	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.9	91.7	-3.0	0.0	0.0	0.0	0.0	0.0	-88.7	785

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																						
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
195	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	981
195	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	981
195	32356822.00	5739365.00	160.00	0	N	250

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
212	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	77.4	7.6	-3.0	0.0	0.0	14.1	0.0	0.0	4.6	2090
212	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.4	20.2	-3.0	0.0	0.0	16.8	0.0	0.0	-11.1	2090
212	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	77.4	68.5	-3.0	0.0	0.0	19.7	0.0	0.0	-72.0	2090
212	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	77.4	244.3	-3.0	0.0	0.0	20.0	0.0	0.0	-269.9	2090

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
220	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1442
220	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1442
220	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1442
220	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1442
220	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1442
220	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.2	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	1442
220	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.2	47.3	-3.0	0.0	0.0	0.0	0.0	0.0	-34.5	1442
220	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.2	168.6	-3.0	0.0	0.0	0.0	0.0	0.0	-170.9	1442

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
222	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1613
222	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1613
222	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1613
222	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1613
222	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1613
222	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.2	15.6	-3.0	0.0	0.0	0.0	0.0	0.0	4.4	1613
222	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.2	52.8	-3.0	0.0	0.0	0.0	0.0	0.0	-41.1	1613
222	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.2	188.5	-3.0	0.0	0.0	0.0	0.0	0.0	-191.7	1613

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
224	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.4	2533
224	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.8	2533
224	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	79.1	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	12.8	2533
224	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	4.8	0.0	0.0	12.1	2533
224	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	4.8	0.0	0.0	10.3	2533
224	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	4.8	0.0	0.0	-5.0	2533
224	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	79.1	83.0	-3.0	0.0	0.0	4.8	0.0	0.0	-74.0	2533
224	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	79.1	296.1	-3.0	0.0	0.0	4.8	0.0	0.0	-308.8	2533

Immissionspunkt
Bez.: IP11/2 Im Kuhl 33
ID:
X: 32356314.89 m
Y: 5738578.06 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
217	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	69.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	838
217	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	69.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	838
217	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	69.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	838
217	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	69.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	30.8	838
217	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	69.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.1	838
217	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	69.5	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	838
217	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	69.5	27.4	-3.0	0.0	0.0	0.0	0.0	0.0	-8.1	838
217	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	69.5	97.9	-3.0	0.0	0.0	0.0	0.0	0.0	-92.6	838

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
283	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	934
283	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	934
283	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	934
283	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	934
283	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	934
283	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.4	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	934
283	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.4	30.6	-3.0	0.0	0.0	0.0	0.0	0.0	-12.2	934
283	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.4	109.2	-3.0	0.0	0.0	0.0	0.0	0.0	-104.8	934

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
285	32356880.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	754
285	32356880.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	754
285	32356880.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	754
285	32356880.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	754
285	32356880.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	754
285	32356880.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	754
285	32356880.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.6	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-6.4	754
285	32356880.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.6	88.2	-3.0	0.0	0.0	0.0	0.0	0.0	-84.8	754

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
293	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	949
293	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	949
293	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	949
293	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	949
293	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	70.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	949
293	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	70.5	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	949
293	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	70.5	31.1	-3.0	0.0	0.0	0.0	0.0	0.0	-5.1	949
293	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	70.5	111.0	-3.0	0.0	0.0	0.0	0.0	0.0	-101.7	949

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
296	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	11.6	0.0	0.0	6.4	1185
296	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	14.1	0.0	0.0	9.2	1185
296	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	16.9	0.0	0.0	7.3	1185

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
296	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	19.7	0.0	0.0	4.6	1185
296	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	72.5	4.3	-3.0	0.0	0.0	20.0	0.0	0.0	6.5	1185
296	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	20.0	0.0	0.0	-2.4	1185
296	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	72.5	38.8	-3.0	0.0	0.0	20.0	0.0	0.0	-36.0	1185
296	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	72.5	138.6	-3.0	0.0	0.0	20.0	0.0	0.0	-147.3	1185

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
298	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	11.0	0.0	0.0	6.8	1061
298	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	13.4	0.0	0.0	8.7	1061
298	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	16.1	0.0	0.0	6.6	1061
298	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	71.5	2.0	-3.0	0.0	0.0	19.0	0.0	0.0	6.0	1061
298	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	20.0	0.0	0.0	5.4	1061
298	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	71.5	10.2	-3.0	0.0	0.0	20.0	0.0	0.0	-0.4	1061
298	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	71.5	34.8	-3.0	0.0	0.0	20.0	0.0	0.0	-35.8	1061
298	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	71.5	124.0	-3.0	0.0	0.0	20.0	0.0	0.0	-139.3	1061

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
300	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	11.0	0.0	0.0	2.7	1635
300	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	13.5	0.0	0.0	5.3	1635
300	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	16.2	0.0	0.0	5.0	1635
300	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	19.0	0.0	0.0	2.5	1635
300	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	20.0	0.0	0.0	1.8	1635
300	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	75.3	15.8	-3.0	0.0	0.0	20.0	0.0	0.0	-7.7	1635
300	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	75.3	53.6	-3.0	0.0	0.0	20.0	0.0	0.0	-56.9	1635
300	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	75.3	191.1	-3.0	0.0	0.0	20.0	0.0	0.0	-216.0	1635

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
303	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1232
303	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1232
303	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1232
303	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1232
303	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1232
303	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.8	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	1232
303	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.8	40.4	-3.0	0.0	0.0	0.0	0.0	0.0	-26.3	1232
303	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.8	144.0	-3.0	0.0	0.0	0.0	0.0	0.0	-144.9	1232

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
306	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	1733
306	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1733
306	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1733
306	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.8	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1733
306	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.8	6.3	-3

Immissionspunkt
Bez.: IP12 Rhader Straße 43
ID:
X: 32356251.03 m
Y: 5738628.39 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
219	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	912
219	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	912
219	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.2	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.1	912
219	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.2	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	912
219	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.1	912
219	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.2	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	912
219	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.2	29.9	-3.0	0.0	0.0	0.0	0.0	0.0	-11.3	912
219	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.2	106.6	-3.0	0.0	0.0	0.0	0.0	0.0	-102.0	912

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
221	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	977
221	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	977
221	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	977
221	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	977
221	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	977
221	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.8	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	977
221	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.8	32.0	-3.0	0.0	0.0	0.0	0.0	0.0	-14.0	977
221	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.8	114.2	-3.0	0.0	0.0	0.0	0.0	0.0	-110.2	977

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
223	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	770
223	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	770
223	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	770
223	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	770
223	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	770
223	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.7	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	770
223	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.7	25.2	-3.0	0.0	0.0	0.0	0.0	0.0	-7.1	770
223	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.7	90.1	-3.0	0.0	0.0	0.0	0.0	0.0	-86.9	770

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
226	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	945
226	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	945
226	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	945
226	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	945
226	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	70.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	945
226	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	945
226	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	70.5	31.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	945
226	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	70.5	110.5	-3.0	0.0	0.0	0.0	0.0	0.0	-101.2	945

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
228	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	8.6	1105
228	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	12.2	0.0	0.0	11.8	1105
228	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	14.8	0.0	0.0	10.1	1105

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
228	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	17.6	0.0	0.0	7.5	1105
228	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	20.0	0.0	0.0	7.4	1105
228	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	20.0	0.0	0.0	-1.1	1105
228	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	71.9	36.2	-3.0	0.0	0.0	20.0	0.0	0.0	-32.8	1105
228	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	71.9	129.2	-3.0	0.0	0.0	20.0	0.0	0.0	-137.4	1105

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
230	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	995
230	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	995
230	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	995
230	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	995
230	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	71.0	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	995
230	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	71.0	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	995
230	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	71.0	32.6	-3.0	0.0	0.0	0.0	0.0	0.0	-13.1	995
230	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	71.0	116.3	-3.0	0.0	0.0	0.0	0.0	0.0	-111.0	995

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
232	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	9.0	0.0	0.0	5.1	1558
232	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	11.1	0.0	0.0	8.1	1558
232	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	13.6	0.0	0.0	8.1	1558
232	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	16.3	0.0	0.0	5.9	1558
232	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	19.1	0.0	0.0	3.4	1558
232	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	20.0	0.0	0.0	-6.5	1558
232	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	74.9	51.0	-3.0	0.0	0.0	20.0	0.0	0.0	-53.9	1558
232	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	74.9	182.1	-3.0	0.0	0.0	20.0	0.0	0.0	-206.5	1558

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
234	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	1733
234	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1733
234	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1733
234	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.8	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1733
234	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.8	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1733
234	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.8	16.7	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	1733
234	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.8	56.8	-3.0	0.0	0.0	0.0	0.0	0.0	-43.8	1733
234	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.8	202.5	-3.0	0.0	0.0	0.0	0.0	0.0	-203.5	1733

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
236	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	1261
236	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1261
236	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	1261
236	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1261
236	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1261
236	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	1261
236	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.0	41.3	-3.0	0.0	0.0	0.0	0.0	0.0	-27.4	1261
236	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.0	147.4	-3.0	0.0	0.0	0.0	0.0	0.0	-148.5	1261

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
238	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	8.2	0.0	0.0	4.5	1996
238	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	10.1	0.0	0.0	8.5	1996
238	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	12.4	0.0	0.0	8.3	1996
238	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	77.0	3.8	-3.0	0.0	0.0	15.0	0.0	0.0	5.5	1996

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
238	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	17.8	0.0	0.0	1.6	1996
238	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	20.0	0.0	0.0	-13.0	1996
238	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	77.0	65.4	-3.0	0.0	0.0	20.0	0.0	0.0	-68.8	1996
238	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	77.0	233.3	-3.0	0.0	0.0	20.0	0.0	0.0	-258.5	1996

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
240	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	1428
240	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1428
240	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	1428
240	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1428
240	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1428
240	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.1	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	7.2	1428
240	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.1	46.8	-3.0	0.0	0.0	0.0	0.0	0.0	-34.0	1428
240	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.1	166.9	-3.0	0.0	0.0	0.0	0.0	0.0	-169.1	1428

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
242	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1586
242	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1586
242	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.0	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1586
242	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.0	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1586
242	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.0	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1586
242	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.0	15.3	-3.0	0.0	0.0	0.0	0.0	0.0	4.8	1586
242	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.0	52.0	-3.0	0.0	0.0	0.0	0.0	0.0	-40.1	1586
242	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.0	185.4	-3.0	0.0	0.0	0.0	0.0	0.0	-188.5	1586

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
244	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2456
244

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
233	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	907
233	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	907
233	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.2	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	907
233	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.2	29.7	-3.0	0.0	0.0	0.0	0.0	0.0	-13.0	907
233	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.2	106.0	-3.0	0.0	0.0	0.0	0.0	0.0	-104.3	907

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
235	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	8.5	0.0	0.0	8.7	1132
235	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	10.4	0.0	0.0	11.1	1132
235	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	12.8	0.0	0.0	9.3	1132
235	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	15.4	0.0	0.0	8.8	1132
235	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	18.3	0.0	0.0	6.3	1132
235	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	20.0	0.0	0.0	-1.6	1132
235	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	72.1	37.1	-3.0	0.0	0.0	20.0	0.0	0.0	-38.7	1132
235	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	72.1	132.3	-3.0	0.0	0.0	20.0	0.0	0.0	-148.2	1132

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
237	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	73.9	0.2	-3.0	0.0	0.0	9.4	0.0	0.0	7.1	1398
237	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	73.9	0.6	-3.0	0.0	0.0	11.6	0.0	0.0	10.2	1398
237	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	73.9	1.5	-3.0	0.0	0.0	14.2	0.0	0.0	8.4	1398
237	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.9	2.7	-3.0	0.0	0.0	16.9	0.0	0.0	5.6	1398
237	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.9	5.1	-3.0	0.0	0.0	19.8	0.0	0.0	4.5	1398
237	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.9	13.5	-3.0	0.0	0.0	20.0	0.0	0.0	-5.9	1398
237	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.9	45.8	-3.0	0.0	0.0	20.0	0.0	0.0	-44.4	1398
237	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.9	163.4	-3.0	0.0	0.0	20.0	0.0	0.0	-173.6	1398

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
239	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1475
239	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1475
239	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.4	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1475
239	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1475
239	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.4	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1475
239	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.4	14.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	1475
239	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.4	48.3	-3.0	0.0	0.0	0.0	0.0	0.0	-33.9	1475
239	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.4	172.4	-3.0	0.0	0.0	0.0	0.0	0.0	-172.0	1475

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
241	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	1112
241	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	1112
241	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	1112
241	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1112
241	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1112
241	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	1112
241	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.9	36.4	-3.0	0.0	0.0	0.0	0.0	0.0	-21.5	1112
241	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.9	130.0	-3.0	0.0	0.0	0.0	0.0	0.0	-130.0	1112

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
243	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	8.7	0.0	0.0	4.3	1784
243	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	10.7	0.0	0.0	7.3	1784
243	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	13.1	0.0	0.0	7.2	1784
243	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	15.8	0.0	0.0	4.8	1784

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
243	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	18.6	0.0	0.0	1.9	1784
243	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	76.0	17.2	-3.0	0.0	0.0	20.0	0.0	0.0	-9.9	1784
243	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	76.0	58.5	-3.0	0.0	0.0	20.0	0.0	0.0	-62.5	1784
243	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	76.0	208.5	-3.0	0.0	0.0	20.0	0.0	0.0	-234.1	1784

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
245	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	1308
245	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1308
245	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1308
245	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1308
245	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1308
245	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	1308
245	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.3	42.9	-3.0	0.0	0.0	0.0	0.0	0.0	-29.3	1308
245	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.3	152.9	-3.0	0.0	0.0	0.0	0.0	0.0	-154.3	1308

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
246	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	7.9	0.0	0.0	4.0	2191
246	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	9.7	0.0	0.0	8.0	2191
246	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	12.0	0.0	0.0	7.7	2191
246	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	14.6	0.0	0.0	4.8	2191
246	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	17.3	0.0	0.0	0.5	2191
246	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.8	21.2	-3.0	0.0	0.0	20.0	0.0	0.0	-15.7	2191
246	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	77.8	71.8	-3.0	0.0	0.0	20.0	0.0	0.0	-76.0	2191
246	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	77.8	256.1	-3.0	0.0	0.0	20.0	0.0	0.0	-282.1	2191

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
247	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2423
247	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2423
247	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2423
247	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2423
247	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2423
247	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.7	23.4	-3.0	0.0	0.0	0.0	0.0	0.0	1.2	2423
247	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	78.7	79.4	-3.0	0.0	0.0	0.0	0.0	0.0	-65.2	2423
247	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	78.7	283.2	-3.0	0.0	0.0	0.0	0.0	0.0	-290.7	2423

Immissionspunkt
Bez.: IP14 Grenzweg 4
ID:
X: 32356509.29 m
Y: 5738876.16 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
248	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	63.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	421
248	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	63.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	421
248	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	63.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	35.6	421
248	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	63.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	34.5	421
248	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	63.5	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.2	421
248	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	63.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	421
248	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	63.5	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	421
248	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	63.5	49.2	-3.0	0.0	0.0	0.0	0.0	0.0	-40.8	421

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
249	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	67.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	678
249	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	67.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	678
249	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	67.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.9	678
249	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	67.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	678
249	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	67.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.5	678
249	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	67.6	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	678
249	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	67.6	22.2	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	678
249	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	67.6	79.2	-3.0	0.0	0.0	0.0	0.0	0.0	-72.1	678

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
250	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	66.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	601
250	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	66.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	601
250	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	66.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	601
250	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	66.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.2	601
250	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	66.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.7	601
250	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	66.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	601
250	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	66.6	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	601
250	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	66.6	70.2	-3.0	0.0	0.0	0.0	0.0	0.0	-57.0	601

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
255	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	69.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	804
255	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	69.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	804
255	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	69.1	0.8	-3.0	0.0	0

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
273	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	74.8	5.6	-3.0	0.0	0.0	17.4	0.0	0.0	5.3	1541
273	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	74.8	14.9	-3.0	0.0	0.0	20.0	0.0	0.0	-6.2	1541
273	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	74.8	50.5	-3.0	0.0	0.0	20.0	0.0	0.0	-53.2	1541
273	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	74.8	180.1	-3.0	0.0	0.0	20.0	0.0	0.0	-204.4	1541

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
278	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	1229
278	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1229
278	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1229
278	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1229
278	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1229
278	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.8	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	1229
278	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.8	40.3	-3.0	0.0	0.0	0.0	0.0	0.0	-26.2	1229
278	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.8	143.7	-3.0	0.0	0.0	0.0	0.0	0.0	-144.6	1229

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
280	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	7.2	0.0	0.0	5.7	1943
280	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	8.8	0.0	0.0	10.0	1943
280	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	10.8	0.0	0.0	10.2	1943
280	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.8	3.7	-3.0	0.0	0.0	13.3	0.0	0.0	7.6	1943
280	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.8	7.1	-3.0	0.0	0.0	16.0	0.0	0.0	3.9	1943
280	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.8	18.8	-3.0	0.0	0.0	18.8	0.0	0.0	-11.1	1943
280	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.8	63.7	-3.0	0.0	0.0	20.0	0.0	0.0	-66.8	1943
280	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.8	227.1	-3.0	0.0	0.0	20.0	0.0	0.0	-252.0	1943

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
281	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2206
281	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2206
281	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2206
281	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2206
281	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2206
281	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.9	21.3	-3.0	0.0	0.0	0.0	0.0	0.0	4.1	2206
281	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.9	72.3	-3.0	0.0	0.0	0.0	0.0	0.0	-57.3	2206
281	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.9	257.9	-3.0	0.0	0.0	0.0	0.0	0.0	-264.7	2206

Immissionspunkt
Bez.: IP15/1 Rhader Straße 29
ID:
X: 32356450.97 m
Y: 5739073.28 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
251	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	64.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	498
251	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	498
251	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	64.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.1	498
251	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	64.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	498
251	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	64.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	33.7	498
251	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	64.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.8	498
251	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	64.9	16.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	498
251	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	64.9	58.2	-3.0	0.0	0.0	0.0	0.0	0.0	-43.3	498

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
252	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	63.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	420
252	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	63.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.9	420
252	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	63.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	35.6	420
252	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	63.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	34.5	420
252	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	63.5	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.2	420
252	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	63.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	420
252	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	63.5	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	420
252	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	63.5	49.1	-3.0	0.0	0.0	0.0	0.0	0.0	-40.6	420

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
253	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	749
253	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	749
253	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	749
253	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	749
253	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.4	749
253	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.5	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	749
253	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.5	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-4.2	749
253	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.5	87.5	-3.0	0.0	0.0	0.0	0.0	0.0	-81.2	749

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
254	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	67.9	0.1	-3.0	0.0	0.0	7.5	0.0	0.0	13.9	700
254	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	67.9	0.3	-3.0	0.0	0.0	10.0	0.0	0.0	15.9	700
254	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	67.9	0.7	-3.0	0.0	0.0	12.8	0.0	0.0	13.9	700
254	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	67.9	1.3	-3.0	0.0	0.0	15.7	0.0	0.0	13.6	700
254	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	67.9	2.6	-3.0	0.0	0.0	17.7	0.0	0.0	12.6	700
254	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	67.9	6.8	-3.0	0.0	0.0	18.7	0.0	0.0	8.0	700
254	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	67.9	22.9	-3.0	0.0	0.0	19.3	0.0	0.0	-19.6	700
254	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	67.9	81.8	-3.0	0.0	0.0	19.6	0.0	0.0	-93.2	700

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
257	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	981
257	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	981
257	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	981

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
257	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	981
257	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	981
257	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.8	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	981
257	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.8	32.1	-3.0	0.0	0.0	0.0	0.0	0.0	-14.2	981
257	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.8	114.6	-3.0	0.0	0.0	0.0	0.0	0.0	-110.6	981

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
259	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	11.1	0.0	0.0	7.9	1052
259	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	13.6	0.0	0.0	10.9	1052
259	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	16.3	0.0	0.0	9.1	1052
259	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	19.1	0.0	0.0	6.5	1052
259	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	20.0	0.0	0.0	8.0	1052
259	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.4	10.2	-3.0	0.0	0.0	20.0	0.0	0.0	-0.1	1052
259	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	71.4	34.5	-3.0	0.0	0.0	20.0	0.0	0.0	-30.6	1052
259	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	71.4	122.9	-3.0	0.0	0.0	20.0	0.0	0.0	-130.7	1052

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
260	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	1271
260	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1271
260	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1271
260	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.1	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	1271
260	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.1	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	1271
260	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.1	12.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1271
260	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.1	41.7	-3.0	0.0	0.0	0.0	0.0	0.0	-25.9	1271
260	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.1	148.6	-3.0	0.0	0.0	0.0	0.0	0.0	-146.9	1271

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
265	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	918
265	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	918
265	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	918
265	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	918
265	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	918
265	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	918
265	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.3	30.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.5	918
265	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.3	107.3	-3.0	0.0	0.0	0.0	0.0	0.0	-105.7	918

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
267	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	10.6	0.0	0.0	4.7	1370
267	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	13.0	0.0	0.0	7.4	1370
267	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	15.7	0.0	0.0	7.3	1370
267	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	18.5	0.0	0.0	5.1	1370
267	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	20

Immissionspunkt
Bez.: IP15/2 Rhader Straße 29
ID:
X: 32356446.02 m
Y: 5739094.01 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
262	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	64.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	489
262	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	489
262	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	64.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.3	489
262	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	64.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.2	489
262	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	64.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	489
262	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	64.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	489
262	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	64.8	16.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	489
262	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	64.8	57.1	-3.0	0.0	0.0	0.0	0.0	0.0	-42.1	489

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
264	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	63.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	424
264	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	63.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	424
264	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	63.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	35.5	424
264	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	63.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	34.4	424
264	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	63.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.1	424
264	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	63.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	424
264	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	63.5	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	424
264	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	63.5	49.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.2	424

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
266	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	757
266	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	757
266	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	757
266	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	757
266	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	757
266	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	757
266	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.6	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-4.6	757
266	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.6	88.5	-3.0	0.0	0.0	0.0	0.0	0.0	-82.3	757

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
268	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	67.7	0.1	-3.0	0.0	0.0	3.9	0.0	0.0	17.8	681
268	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	67.7	0.3	-3.0	0.0	0.0	5.3	0.0	0.0	20.9	681
268	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	67.7	0.7	-3.0	0.0	0.0	7.2	0.0	0.0	19.7	681
268	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	67.7	1.3	-3.0	0.0	0.0	9.6	0.0	0.0	20.0	681
268	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	67.7	2.5	-3.0	0.0	0.0	12.2	0.0	0.0	18.4	681
268	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	67.7	6.6	-3.0	0.0	0.0	15.0	0.0	0.0	12.1	681
268	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	67.7	22.3	-3.0	0.0	0.0	17.4	0.0	0.0	-16.9	681
268	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	67.7	79.6	-3.0	0.0	0.0	18.5	0.0	0.0	-89.6	681

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
270	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	999
270	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	999
270	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	999

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
270	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	999
270	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	999
270	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	999
270	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.0	32.7	-3.0	0.0	0.0	0.0	0.0	0.0	-14.9	999
270	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.0	116.7	-3.0	0.0	0.0	0.0	0.0	0.0	-112.9	999

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
272	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	71.3	0.1	-3.0	0.0	0.0	0.0	7.6	0.0	11.5	1041
272	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	71.3	0.4	-3.0	0.0	0.0	0.0	9.3	0.0	15.2	1041
272	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	71.3	1.1	-3.0	0.0	0.0	11.5	0.0	0.0	14.0	1041
272	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	71.3	2.0	-3.0	0.0	0.0	14.0	0.0	0.0	11.8	1041
272	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	71.3	3.8	-3.0	0.0	0.0	16.7	0.0	0.0	11.4	1041
272	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.3	10.1	-3.0	0.0	0.0	19.6	0.0	0.0	0.5	1041
272	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	71.3	34.1	-3.0	0.0	0.0	20.0	0.0	0.0	-30.2	1041
272	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	71.3	121.6	-3.0	0.0	0.0	20.0	0.0	0.0	-129.3	1041

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
274	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	1260
274	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1260
274	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1260
274	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1260
274	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1260
274	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	1260
274	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.0	41.3	-3.0	0.0	0.0	0.0	0.0	0.0	-25.5	1260
274	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.0	147.3	-3.0	0.0	0.0	0.0	0.0	0.0	-145.5	1260

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
276	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	919
276	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	919
276	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	919
276	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	919
276	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	919
276	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	919
276	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.3	30.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.5	919
276	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.3	107.5	-3.0	0.0	0.0	0.0	0.0	0.0	-105.8	919

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
286	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	7.1	0.0	8.3	1354
286	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	8.6	0.0	11.9	1354
286	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	10.6	0.0	12.6	1354
286	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	13.0	0.0	0.0	10.8	1354
286	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.6	5.0	-3.0	0.0	0.0	0.0	15.7	0.0	0.0	8.9	1354
286	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.6	13.1	-3.0	0.0	0.0	0.0	18.5	0.0	0.0	-1.8	1354
286	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.6	44.4	-3.0	0.0	0.0	0.0	20.0	0.0	0.0	-46.0	1354
286	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.6	158.2	-3.0	0.0	0.0	0.0	20.0	0.0	0.0	-181.5	1354

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
288	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1016
288	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1016
288	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	1016
288	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.1	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1016

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
288	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1016
288	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1016
288	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.1	33.3	-3.0	0.0	0.0	0.0	0.0	0.0	-17.5	1016
288	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.1	118.8	-3.0	0.0	0.0	0.0	0.0	0.0	-118.0	1016

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
290	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1129
290	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1129
290	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	1129
290	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1129
290	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1129
290	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1129
290	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.1	37.0	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2	1129
290	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.1	132.0	-3.0	0.0	0.0	0.0	0.0	0.0	-132.2	1129

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
292	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	6.6	0.0	0.0	7.4	1739
292	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	7.8	0.0	0.0	12.0	1739
292	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	9.6	0.0	0.0	12.6	1739
292	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	11.9	0.0	0.0	10.4	1739
292	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	14.4	0.0	0.0	7.1	1739
292	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.8	16.8	-3.0	0.0	0.0	17.2	0.0	0.0	-6.5	1739
292	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	75.8	57.0	-3.0	0.0	0.0	20.0	0.0	0.0	-59.2	1739
292	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	75.8	203.3	-3.0	0.0	0.0	20.0	0.0	0.0	-227.3	1739

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
294	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
295	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	926
295	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	926
295	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	926
295	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.3	30.3	-3.0	0.0	0.0	0.0	0.0	0.0	-11.9	926
295	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.3	108.2	-3.0	0.0	0.0	0.0	0.0	0.0	-103.7	926

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
320	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1107
320	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1107
320	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1107
320	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	1107
320	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1107
320	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1107
320	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.9	36.3	-3.0	0.0	0.0	0.0	0.0	0.0	-19.4	1107
320	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.9	129.4	-3.0	0.0	0.0	0.0	0.0	0.0	-126.4	1107

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
321	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.8	0.2	-3.0	0.0	0.0	8.3	0.0	0.0	7.9	1237
321	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	10.2	0.0	0.0	11.1	1237
321	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	12.6	0.0	0.0	11.5	1237
321	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	15.2	0.0	0.0	9.6	1237
321	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	18.0	0.0	0.0	7.7	1237
321	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.8	12.0	-3.0	0.0	0.0	20.0	0.0	0.0	-1.4	1237
321	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.8	40.5	-3.0	0.0	0.0	20.0	0.0	0.0	-41.4	1237
321	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.8	144.6	-3.0	0.0	0.0	20.0	0.0	0.0	-167.0	1237

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
322	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	1414
322	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1414
322	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1414
322	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	1414
322	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1414
322	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1414
322	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.0	46.3	-3.0	0.0	0.0	0.0	0.0	0.0	-31.6	1414
322	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.0	165.3	-3.0	0.0	0.0	0.0	0.0	0.0	-164.5	1414

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
324	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	7.7	0.0	0.0	6.8	1645
324	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	9.4	0.0	0.0	11.0	1645
324	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	11.5	0.0	0.0	11.2	1645
324	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	14.1	0.0	0.0	8.8	1645
324	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	16.8	0.0	0.0	5.5	1645
324	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	19.7	0.0	0.0	-7.6	1645
324	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	75.3	53.9	-3.0	0.0	0.0	20.0	0.0	0.0	-55.6	1645
324	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	75.3	192.3	-3.0	0.0	0.0	20.0	0.0	0.0	-215.8	1645

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
333	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.7	0.0	0.0	16.8	1101
333	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1101
333	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1101
333	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1101

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
333	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1101
333	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	1101
333	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.8	36.1	-3.0	0.0	0.0	0.0	0.0	0.0	-21.0	1101
333	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.8	128.7	-3.0	0.0	0.0	0.0	0.0	0.0	-128.7	1101

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
336	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1193
336	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1193
336	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1193
336	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1193
336	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.5	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1193
336	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	1193
336	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.5	39.1	-3.0	0.0	0.0	0.0	0.0	0.0	-24.7	1193
336	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.5	139.4	-3.0	0.0	0.0	0.0	0.0	0.0	-140.1	1193

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
342	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1294
342	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1294
342	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1294
342	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1294
342	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1294
342	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	1294
342	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.2	42.4	-3.0	0.0	0.0	0.0	0.0	0.0	-28.7	1294
342	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.2	151.2	-3.0	0.0	0.0	0.0	0.0	0.0	-152.5	1294

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
343	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2022
343	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2022
343	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	2022
343	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	2022
343	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2022
343	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.1	19.5	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	2022
343	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.1	66.3	-3.0	0.0	0.0	0.0	0.0	0.0	-50.5	2022
343	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.1	236.3	-3.0	0.0	0.0	0.0	0.0	0.0	-242.3	2022

Immissionspunkt
Bez.: IP17/1 Rhader Straße 27a
ID:
X: 32356394.61 m
Y: 5739438.81 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
284	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	64.3	0.1	-3.0	0.0	0.0	7.9	0.0	0.0	16.4	461
284	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.3	0.2	-3.0	0.0	0.0	10.4	0.0	0.0	19.2	461
284	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	64.3	0.5	-3.0	0.0	0.0	13.2	0.0	0.0	18.7	461
284	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	64.3	0.9	-3.0	0.0	0.0	16.0	0.0	0.0	17.7	461
284	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	64.3	1.7	-3.0	0.0	0.0	17.9	0.0	0.0	16.6	461
284	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	64.3	4.5	-3.0	0.0	0.0	18.8	0.0	0.0	13.9	461
284	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	64.3	15.1	-3.0	0.0	0.0	19.4	0.0	0.0	-2.2	461
284	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	64.3	53.9	-3.0	0.0	0.0	19.7	0.0	0.0	-58.1	461

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
297	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	64.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	456
297	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	456
297	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	64.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	30.6	456
297	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	64.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.4	456
297	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	64.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	35.0	456
297	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	64.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	456
297	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	64.2	14.9	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	456
297	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	64.2	53.3	-3.0	0.0	0.0	0.0	0.0	0.0	-41.3	456

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
299	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	66.4	0.1	-3.0	0.0	0.0	9.1	0.0	0.0	13.9	588
299	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	66.4	0.2	-3.0	0.0	0.0	12.0	0.0	0.0	17.9	588
299	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	66.4	0.6	-3.0	0.0	0.0	15.3	0.0	0.0	17.2	588
299	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	66.4	1.1	-3.0	0.0	0.0	18.6	0.0	0.0	12.6	588
299	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	66.4	2.2	-3.0	0.0	0.0	19.4	0.0	0.0	10.3	588
299	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	66.4	5.7	-3.0	0.0	0.0	19.7	0.0	0.0	3.3	588
299	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	66.4	19.3	-3.0	0.0	0.0	19.8	0.0	0.0	-18.6	588
299	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	66.4	68.8	-3.0	0.0	0.0	19.9	0.0	0.0	-83.2	588

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
302	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	8.7	0.0	0.0	11.2	942
302	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	11.6	0.0	0.0	14.1	942
302	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	14.9	0.0	0.0	12.9	942
302	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	18.1	0.0	0.0	11.5	942
302	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.5	3.4	-3.0	0.0	0.0	19.3	0.0	0.0	10.3	942
302	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	19.7	0.0	0.0	0.5	942
302	32357170.00	5738925.00	149.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
326	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	17.2	0.0	0.0	6.6	979
326	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.8	9.5	-3.0	0.0	0.0	18.4	0.0	0.0	-3.5	979
326	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.8	32.1	-3.0	0.0	0.0	19.1	0.0	0.0	-35.1	979
326	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.8	114.4	-3.0	0.0	0.0	19.5	0.0	0.0	-132.9	979

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
327	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	8.3	0.0	0.0	10.2	979
327	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	10.8	0.0	0.0	14.4	979
327	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	13.6	0.0	0.0	14.0	979
327	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	16.5	0.0	0.0	9.6	979
327	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	18.0	0.0	0.0	5.8	979
327	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.8	9.5	-3.0	0.0	0.0	18.9	0.0	0.0	-4.1	979
327	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.8	32.1	-3.0	0.0	0.0	19.4	0.0	0.0	-35.4	979
327	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.8	114.4	-3.0	0.0	0.0	19.7	0.0	0.0	-133.1	979

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
328	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	11.4	0.0	0.0	6.8	1009
328	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	13.9	0.0	0.0	11.1	1009
328	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	16.6	0.0	0.0	10.8	1009
328	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.1	1.9	-3.0	0.0	0.0	19.5	0.0	0.0	6.3	1009
328	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	20.0	0.0	0.0	3.4	1009
328	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	20.0	0.0	0.0	-5.7	1009
328	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.1	33.1	-3.0	0.0	0.0	20.0	0.0	0.0	-37.3	1009
328	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.1	118.0	-3.0	0.0	0.0	20.0	0.0	0.0	-137.2	1009

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
329	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1643
329	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1643
329	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1643
329	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1643
329	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1643
329	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1643
329	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.3	53.9	-3.0	0.0	0.0	0.0	0.0	0.0	-36.3	1643
329	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.3	192.1	-3.0	0.0	0.0	0.0	0.0	0.0	-196.3	1643
330	32356403.00	5741074.00	166.60	1	N	250	96.3	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	1.0	21.2	1649
330	32356403.00	5741074.00	166.60	1	N	500	97.8	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	1.0	21.3	1649
330	32356403.00	5741074.00	166.60	1	N	1000	100.4	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	1.0	21.0	1649
330	32356403.00	5741074.00	166.60	1	N	2000	100.3	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	0.0	0.0	1.0	11.0	1649
330	32356403.00	5741074.00	166.60	1	N	4000	89.9	0.0	0.0	0.0	75.3	54.1	-3.0	0.0	0.0	0.0	0.0	1.0	-37.5	1649
330	32356403.00	5741074.00	166.60	1	N	8000	68.1	0.0	0.0	0.0	75.3	192.8	-3.0	0.0	0.0	0.0	0.0	1.0	-198.0	1649

Immissionspunkt
Bez.: IP17/2 Rhader Straße 27a
ID:
X: 32356399.81 m
Y: 5739427.20 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
301	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	64.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	454
301	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	454
301	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	64.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	454
301	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	64.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	454
301	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	64.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	34.7	454
301	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	64.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	454
301	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	64.1	14.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	454
301	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	64.1	53.1	-3.0	0.0	0.0	0.0	0.0	0.0	-37.4	454

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
304	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	64.3	0.1	-3.0	0.0	0.0	6.6	0.0	0.0	18.4	463
304	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	64.3	0.2	-3.0	0.0	0.0	8.9	0.0	0.0	20.7	463
304	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	64.3	0.5	-3.0	0.0	0.0	11.5	0.0	0.0	19.0	463
304	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	64.3	0.9	-3.0	0.0	0.0	14.3	0.0	0.0	19.0	463
304	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	64.3	1.7	-3.0	0.0	0.0	17.2	0.0	0.0	17.6	463
304	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	64.3	4.5	-3.0	0.0	0.0	18.9	0.0	0.0	13.8	463
304	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	64.3	15.2	-3.0	0.0	0.0	19.4	0.0	0.0	-8.4	463
304	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	64.3	54.1	-3.0	0.0	0.0	19.7	0.0	0.0	-61.9	463

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
307	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	66.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	577
307	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	66.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	577
307	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	66.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.7	577
307	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	66.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.5	577
307	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	66.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	577
307	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	66.2	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	577
307	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	66.2	18.9	-3.0	0.0	0.0	0.0	0.0	0.0	1.8	577
307	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	66.2	67.5	-3.0	0.0	0.0	0.0	0.0	0.0	-61.8	577

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
310	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	931
310	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	931
310	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	931
310	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	931
310	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	931
310	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.4	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	931
310	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.4	30.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.1	931
310	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.4	108.8	-3.0	0.0	0.0	0.0	0.0	0.0	-104.4	931

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
313	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	6.0	0.0	0.0	13.9	956
313	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	8.2	0.0	0.0	17.1	956
313	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	10.8	0.0	0.0	15.5	956

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
313	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	13.5	0.0	0.0	13.1	956
313	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	16.4	0.0	0.0	12.8	956
313	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	70.6	9.2	-3.0	0.0	0.0	18.1	0.0	0.0	3.5	956
313	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	70.6	31.3	-3.0	0.0	0.0	19.0	0.0	0.0	-25.6	956
313	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	70.6	111.7	-3.0	0.0	0.0	19.5	0.0	0.0	-118.0	956

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
315	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1099
315	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1099
315	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1099
315	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	1099
315	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	1099
315	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1099
315	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.8	36.0	-3.0	0.0	0.0	0.0	0.0	0.0	-19.0	1099
315	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.8	128.4	-3.0	0.0	0.0	0.0	0.0	0.0	-125.5	1099

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
317	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	9.0	0.0	0.0	7.9	1143
317	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	11.0	0.0	0.0	11.0	1143
317	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	13.5	0.0	0.0	11.4	1143
317	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	16.2	0.0	0.0	9.4	1143
317	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	19.0	0.0	0.0	7.7	1143
317	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.2	11.0	-3.0	0.0	0.0	20.0	0.0	0.0	0.2	1143
317	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.2	37.4	-3.0	0.0	0.0	20.0	0.0	0.0	-37.6	1143
317	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.2	133.6	-3.0	0.0	0.0	20.0	0.0	0.0	-155.3	1143

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
338	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1288
338	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1288
338	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1288
338	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1288
338	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1288
338	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.2	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1288
338	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.2	42.2	-3.0	0.0	0.0	0.0	0.0	0.0	-26.6	1288
338	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.2	150.5	-3.0	0.0	0.0	0.0	0.0	0.0	-148.9	1288

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
341	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.4	0.2	-3.0	0.0	0.0	8.7	0.0	0.0	6.7	1480
341	32355253.00	5740349.00	166.60	0	N	125	93.4	0

Immissionspunkt
Bez.: IP18 Grenzweg 3
ID:
X: 32356730.93 m
Y: 5739982.70 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
323	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	67.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	636
323	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	67.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	636
323	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	67.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.5	636
323	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	67.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	33.6	636
323	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	67.1	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	34.2	636
323	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	67.1	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	636
323	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	67.1	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.9	636
323	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	67.1	74.3	-3.0	0.0	0.0	0.0	0.0	0.0	-66.6	636

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
325	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	67.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	643
325	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	67.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	643
325	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	67.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	643
325	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	67.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	643
325	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	67.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	31.0	643
325	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	67.2	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	28.1	643
325	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	67.2	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	8.3	643
325	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	67.2	75.2	-3.0	0.0	0.0	0.0	0.0	0.0	-62.6	643

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
334	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	67.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	650
334	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	67.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	650
334	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	67.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	650
334	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	67.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	650
334	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	67.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	650
334	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	67.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	650
334	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	67.3	21.3	-3.0	0.0	0.0	0.0	0.0	0.0	-1.7	650
334	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	67.3	76.0	-3.0	0.0	0.0	0.0	0.0	0.0	-71.4	650

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
337	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	69.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	861
337	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	69.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	861
337	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	69.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	861
337	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	69.7	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	861
337	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	69.7	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	861
337	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	69.7	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	861
337	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	69.7	28.2	-3.0	0.0	0.0	0.0	0.0	0.0	-7.4	861
337	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	69.7	100.6	-3.0	0.0	0.0	0.0	0.0	0.0	-94.1	861

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
339	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	8.9	0.0	0.0	8.3	1151
339	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	11.0	0.0	0.0	12.0	1151
339	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	13.5	0.0	0.0	12.4	1151

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
339	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	16.2	0.0	0.0	10.2	1151
339	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	19.0	0.0	0.0	7.9	1151
339	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	20.0	0.0	0.0	-0.0	1151
339	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	72.2	37.7	-3.0	0.0	0.0	20.0	0.0	0.0	-37.0	1151
339	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	72.2	134.5	-3.0	0.0	0.0	20.0	0.0	0.0	-155.6	1151

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
354	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	69.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	793
354	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	69.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	793
354	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	69.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	793
354	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	69.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	793
354	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	69.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	793
354	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	69.0	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	793
354	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	69.0	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-8.1	793
354	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	69.0	92.7	-3.0	0.0	0.0	0.0	0.0	0.0	-89.8	793

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
355	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1154
355	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1154
355	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1154
355	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	1154
355	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1154
355	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.2	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1154
355	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.2	37.8	-3.0	0.0	0.0	0.0	0.0	0.0	-21.3	1154
355	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.2	134.9	-3.0	0.0	0.0	0.0	0.0	0.0	-132.4	1154

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
356	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	906
356	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	906
356	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	906
356	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	906
356	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.1	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	906
356	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.1	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	906
356	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.1	29.7	-3.0	0.0	0.0	0.0	0.0	0.0	-12.9	906
356	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.1	105.8	-3.0	0.0	0.0	0.0	0.0	0.0	-104.1	906

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
357	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	6.2	0.0	0.0	9.1	1368
357	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	7.2	0.0	0.0	13.2	1368
357	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	8.8	0.0	0.0	14.3	1368
357	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	10.8	0.0	0.0	12.8	1368
357	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	13.3	0.0	0.0	11.1	1368
357	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	16.0	0.0	0.0	0.5	1368
357	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.7	44.8	-3.0	0.0	0.0	18.8	0.0	0.0	-45.4	1368
357	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.7	159.9	-3.0	0.0	0.0	20.0	0.0	0.0	-183.2	1368

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
358	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	970
358	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	970
358	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	970
358	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	970

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
358	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	970
358	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.7	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	970
358	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.7	31.8	-3.0	0.0	0.0	0.0	0.0	0.0	-15.6	970
358	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.7	113.3	-3.0	0.0	0.0	0.0	0.0	0.0	-112.2	970

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
360	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	7.2	1531
360	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	9.7	0.0	0.0	11.4	1531
360	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	11.9	0.0	0.0	11.6	1531
360	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.7	3.0	-3.0	0.0	0.0	14.5	0.0	0.0	9.2	1531
360	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	17.3	0.0	0.0	6.1	1531
360	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.7	14.8	-3.0	0.0	0.0	20.0	0.0	0.0	-6.2	1531
360	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.7	50.2	-3.0	0.0	0.0	20.0	0.0	0.0	-51.3	1531
360	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.7	179.0	-3.0	0.0	0.0	20.0	0.0	0.0	-201.9	1531

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
362	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1416
362	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1416
362	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1416
362	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1416
362	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	1416
362	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	1416
362	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.0	46.4	-3.0	0.0	0.0	0.0	0.0	0.0	-25.1	1416
362	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.0	165.5	-3.0	0.0	0.0	0.0	0.0	0.0	-155.8	1416

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
364	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	1670
364	32357111.00	5738363.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
352	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	751
352	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	751
352	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.5	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	751
352	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.5	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-6.2	751
352	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.5	87.8	-3.0	0.0	0.0	0.0	0.0	0.0	-84.4	751

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
359	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1253
359	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1253
359	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1253
359	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1253
359	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	1253
359	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.0	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1253
359	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.0	41.0	-3.0	0.0	0.0	0.0	0.0	0.0	-25.2	1253
359	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.0	146.4	-3.0	0.0	0.0	0.0	0.0	0.0	-144.6	1253

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
361	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.1	0.1	-3.0	0.0	0.0	4.0	0.0	0.0	15.2	901
361	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.1	0.4	-3.0	0.0	0.0	3.2	0.0	0.0	22.9	901
361	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.1	0.9	-3.0	0.0	0.0	0.6	0.0	0.0	27.8	901
361	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	901
361	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.1	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	901
361	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.1	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	901
361	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.1	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.7	901
361	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.1	105.3	-3.0	0.0	0.0	0.0	0.0	0.0	-103.5	901

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
366	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	10.9	0.0	0.0	4.9	1294
366	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	13.4	0.0	0.0	7.6	1294
366	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	16.1	0.0	0.0	7.5	1294
366	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	18.9	0.0	0.0	5.4	1294
366	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	20.0	0.0	0.0	5.1	1294
366	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	20.0	0.0	0.0	-2.3	1294
366	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.2	42.4	-3.0	0.0	0.0	20.0	0.0	0.0	-43.6	1294
366	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.2	151.2	-3.0	0.0	0.0	20.0	0.0	0.0	-174.1	1294

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
368	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	10.9	0.0	0.0	4.8	1437
368	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	13.3	0.0	0.0	8.4	1437
368	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	16.0	0.0	0.0	8.2	1437
368	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	18.8	0.0	0.0	5.7	1437
368	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.1	5.3	-3.0	0.0	0.0	20.0	0.0	0.0	4.3	1437
368	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.1	13.9	-3.0	0.0	0.0	20.0	0.0	0.0	-4.7	1437
368	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.1	47.1	-3.0	0.0	0.0	20.0	0.0	0.0	-47.6	1437
368	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.1	167.9	-3.0	0.0	0.0	20.0	0.0	0.0	-190.3	1437

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
371	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	991
371	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	991
371	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	991
371	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	991

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
371	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	991
371	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.9	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	991
371	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.9	32.5	-3.0	0.0	0.0	0.0	0.0	0.0	-16.5	991
371	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.9	115.8	-3.0	0.0	0.0	0.0	0.0	0.0	-114.9	991

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
373	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	73.8	0.2	-3.0	0.0	0.0	10.7	0.0	0.0	5.9	1378
373	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	73.8	0.6	-3.0	0.0	0.0	13.1	0.0	0.0	8.8	1378
373	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	73.8	1.4	-3.0	0.0	0.0	15.8	0.0	0.0	6.9	1378
373	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.8	2.7	-3.0	0.0	0.0	18.6	0.0	0.0	4.0	1378
373	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.8	5.0	-3.0	0.0	0.0	20.0	0.0	0.0	4.5	1378
373	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.8	13.3	-3.0	0.0	0.0	20.0	0.0	0.0	-5.6	1378
373	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.8	45.1	-3.0	0.0	0.0	20.0	0.0	0.0	-43.6	1378
373	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.8	161.0	-3.0	0.0	0.0	20.0	0.0	0.0	-171.1	1378

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
376	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1077
376	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1077
376	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	1077
376	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.6	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	1077
376	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1077
376	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.6	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1077
376	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.6	35.3	-3.0	0.0	0.0	0.0	0.0	0.0	-20.0	1077
376	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.6	125.9	-3.0	0.0	0.0	0.0	0.0	0.0	-125.6	1077

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
377	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	1.2	0.0	0.0	13.1	1760
377	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1760
377	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1760
377	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1760
377	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1760
377	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.9	1760
377	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.9	57.7	-3.0	0.0	0.0	0.0	0.0	0.0	-44.8	1760
377	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.9	205.7	-3.0	0.0	0.0	0.0	0.0	0.0	-206.8	1760

Immissionspunkt
Bez.: IP20 Große Heide 15
ID:
X: 32356741.32 m
Y: 5740212.22 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
344	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	67.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	674
344	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	67.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	674
344	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	67.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.9	674
344	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	67.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	674
344	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	67.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.6	674
344	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	67.6	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	674
344	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	67.6	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	674
344	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	67.6	78.8	-3.0	0.0	0.0	0.0	0.0	0.0	-71.6	674

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
345	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	6.5	0.0	0.0	12.5	940
345	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	8.9	0.0	0.0	16.0	940
345	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	11.6	0.0	0.0	16.3	940
345	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	14.4	0.0	0.0	14.2	940
345	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	70.5	3.4	-3.0	0.0	0.0	17.3	0.0	0.0	12.2	940
345	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	18.8	0.0	0.0	5.0	940
345	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	70.5	30.8	-3.0	0.0	0.0	19.3	0.0	0.0	-27.7	940
345	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	70.5	109.8	-3.0	0.0	0.0	19.7	0.0	0.0	-128.9	940

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
346	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	69.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	865
346	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	69.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	865
346	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	69.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	865
346	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	69.7	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	865
346	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	69.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	865
346	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	69.7	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	865
346	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	69.7	28.3	-3.0	0.0	0.0	0.0	0.0	0.0	-1.5	865
346	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	69.7	101.1	-3.0	0.0	0.0	0.0	0.0	0.0	-91.0	865

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
347	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	747
347	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	747
347	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	747
347	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	747
347	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	747
347	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.5	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	747
347	32357341.00	5739777.00	96.00	0	N	4000	83.9

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
363	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1131
363	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1131
363	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.1	37.1	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2	1131
363	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.1	132.2	-3.0	0.0	0.0	0.0	0.0	0.0	-132.4	1131

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
372	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	6.3	0.0	0.0	9.4	1536
372	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	7.3	0.0	0.0	13.6	1536
372	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	9.0	0.0	0.0	12.6	1536
372	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.7	3.0	-3.0	0.0	0.0	11.0	0.0	0.0	10.4	1536
372	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	13.5	0.0	0.0	9.4	1536
372	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.7	14.8	-3.0	0.0	0.0	16.2	0.0	0.0	-4.3	1536
372	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.7	50.3	-3.0	0.0	0.0	19.1	0.0	0.0	-48.8	1536
372	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.7	179.6	-3.0	0.0	0.0	20.0	0.0	0.0	-190.6	1536

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
374	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1149
374	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1149
374	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	1149
374	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1149
374	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1149
374	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	1149
374	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.2	37.7	-3.0	0.0	0.0	0.0	0.0	0.0	-23.0	1149
374	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.2	134.3	-3.0	0.0	0.0	0.0	0.0	0.0	-134.6	1149

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
378	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1891
378	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1891
378	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1891
378	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1891
378	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1891
378	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.5	18.3	-3.0	0.0	0.0	0.0	0.0	0.0	5.0	1891
378	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.5	62.0	-3.0	0.0	0.0	0.0	0.0	0.0	-49.7	1891
378	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.5	221.1	-3.0	0.0	0.0	0.0	0.0	0.0	-222.8	1891

Immissionspunkt
Bez.: IP21 Landwehr Kämpe 1
ID:
X: 32357006.37 m
Y: 5740560.92 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
370	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	68.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	707
370	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	68.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	707
370	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	68.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	707
370	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	68.0	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	32.5	707
370	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	68.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	707
370	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	68.0	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	707
370	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	68.0	23.2	-3.0	0.0	0.0	0.0	0.0	0.0	-2.4	707
370	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	68.0	82.6	-3.0	0.0	0.0	0.0	0.0	0.0	-75.8	707

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
375	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	69.2	0.1	-3.0	0.0	0.0	2.2	0.0	0.0	18.2	808
375	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	69.2	0.3	-3.0	0.0	0.0	2.6	0.0	0.0	23.6	808
375	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	69.2	0.8	-3.0	0.0	0.0	3.4	0.0	0.0	26.0	808
375	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	69.2	1.6	-3.0	0.0	0.0	4.4	0.0	0.0	25.7	808
375	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	69.2	3.0	-3.0	0.0	0.0	5.8	0.0	0.0	25.5	808
375	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.2	7.8	-3.0	0.0	0.0	7.6	0.0	0.0	18.7	808
375	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	69.2	26.5	-3.0	0.0	0.0	9.8	0.0	0.0	-12.6	808
375	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	69.2	94.5	-3.0	0.0	0.0	12.4	0.0	0.0	-104.9	808

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
379	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	69.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	857
379	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	69.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	857
379	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	69.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	857
379	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	69.7	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	857
379	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	69.7	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	857
379	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	69.7	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	857
379	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	69.7	28.1	-3.0	0.0	0.0	0.0	0.0	0.0	-10.9	857
379	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	69.7	100.2	-3.0	0.0	0.0	0.0	0.0	0.0	-98.0	857

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
381	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	72.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1220
381	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.7	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1220
381	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	72.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1220
381	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	72.7	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1220
381	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	72.7	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1220
381	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.7	11.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	1220
381	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	72.7	40.0	-3.0	0.0	0.0	0.0	0.0	0.0	-16.1	1220
381	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	72.7	142.6	-3.0	0.0	0.0	0.0	0.0	0.0	-135.5	1220

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
383	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1109
383	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	1109
383	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	1109

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
383	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1109
383	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1109
383	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	1109
383	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.9	36.3	-3.0	0.0	0.0	0.0	0.0	0.0	-21.3	1109
383	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.9	129.6	-3.0	0.0	0.0	0.0	0.0	0.0	-129.6	1109

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
385	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	1774
385	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1774
385	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1774
385	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1774
385	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1774
385	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.0	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	1774
385	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.0	58.1	-3.0	0.0	0.0	0.0	0.0	0.0	-40.5	1774
385	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.0	207.3	-3.0	0.0	0.0	0.0	0.0	0.0	-211.5	1774

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
387	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1650
387	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1650
387	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1650
387	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1650
387	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.4	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1650
387	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.4	15.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	1650
387	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.4	54.1	-3.0	0.0	0.0	0.0	0.0	0.0	-40.6	1650
387	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.4	192.9	-3.0	0.0	0.0	0.0	0.0	0.0	-193.5	1650

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
389	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1765
389	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1765
389	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1765
389	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1765
389	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	75.9	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1765
389	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	75.9	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	1765
389	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	75.9	57.9	-3.0	0.0	0.0	0.0	0.0	0.0	-41.8	1765
389	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	75.9	206.3	-3.0	0.0	0.0	0.0	0.0	0.0	-211.9	1765

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
397	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	1425
397	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1425
397	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1425
397	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	74.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1425
397	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	74.1	5.2	-3.

Immissionspunkt
Bez.: IP22 Dorstener Landweg 8a
ID:
X: 32357885.91 m
Y: 5740784.14 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
391	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	994
391	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	994
391	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	994
391	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	994
391	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	994
391	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.9	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	994
391	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.9	32.6	-3.0	0.0	0.0	0.0	0.0	0.0	-14.7	994
391	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.9	116.2	-3.0	0.0	0.0	0.0	0.0	0.0	-112.3	994

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
394	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	1520
394	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1520
394	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1520
394	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1520
394	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	74.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1520
394	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.6	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1520
394	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	74.6	49.8	-3.0	0.0	0.0	0.0	0.0	0.0	-31.5	1520
394	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	74.6	177.6	-3.0	0.0	0.0	0.0	0.0	0.0	-181.2	1520

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
396	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1149
396	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1149
396	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	1149
396	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1149
396	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1149
396	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	1149
396	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.2	37.7	-3.0	0.0	0.0	0.0	0.0	0.0	-23.0	1149
396	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.2	134.3	-3.0	0.0	0.0	0.0	0.0	0.0	-134.6	1149

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
399	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1374
399	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1374
399	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1374
399	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1374
399	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.8	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1374
399	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.8	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	1374
399	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.8	45.0	-3.0	0.0	0.0	0.0	0.0	0.0	-31.9	1374
399	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.8	160.6	-3.0	0.0	0.0	0.0	0.0	0.0	-162.4	1374

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
419	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	1998
419	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1998
419	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1998

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
419	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1998
419	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1998
419	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	0.0	0.0	0.0	3.5	1998
419	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.0	65.5	-3.0	0.0	0.0	0.0	0.0	0.0	-53.7	1998
419	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.0	233.5	-3.0	0.0	0.0	0.0	0.0	0.0	-235.7	1998

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
422	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	1781
422	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1781
422	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1781
422	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1781
422	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1781
422	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	76.0	17.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.3	1781
422	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	76.0	58.4	-3.0	0.0	0.0	0.0	0.0	0.0	-37.8	1781
422	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	76.0	208.1	-3.0	0.0	0.0	0.0	0.0	0.0	-204.3	1781

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
429	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	1637
429	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1637
429	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1637
429	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1637
429	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	1637
429	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.3	15.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.0	1637
429	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.3	53.6	-3.0	0.0	0.0	0.0	0.0	0.0	-42.0	1637
429	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.3	191.3	-3.0	0.0	0.0	0.0	0.0	0.0	-194.7	1637

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
432	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2674
432	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2674
432	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2674
432	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	79.5	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2674
432	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2674
432	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-2.1	2674
432	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	79.5	87.6	-3.0	0.0	0.0	0.0	0.0	0.0	-73.6	2674
432	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	79.5	312.5	-3.0	0.0	0.0	0.0	0.0	0.0	-320.2	2674

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
434	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2546
434	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2546
434	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2546
434	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2546
434	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2546
434	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.1	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-3.9	2546
434	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.1	83.4	-3.0	0.0	0.0	0.0	0.0	0.0	-73.8	2546
434	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.1	297.6	-3.0	0.0	0.0	0.0	0.0	0.0	-301.9	2546

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
436	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	2665
436	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2665
436	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2665
436	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2665

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
436	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2665
436	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-1.9	2665
436	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.5	87.3	-3.0	0.0	0.0	0.0	0.0	0.0	-74.8	2665
436	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.5	311.5	-3.0	0.0	0.0	0.0	0.0	0.0	-320.6	2665

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
439	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	1982
439	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1982
439	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1982
439	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1982
439	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1982
439	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.9	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	1982
439	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.9	64.9	-3.0	0.0	0.0	0.0	0.0	0.0	-55.0	1982
439	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.9	231.6	-3.0	0.0	0.0	0.0	0.0	0.0	-236.7	1982

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
441	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2255
441	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2255
441	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2255
441	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.1	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2255
441	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.1	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2255
441	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.1	21.8	-3.0	0.0	0.0	0.0	0.0	0.0	1.5	2255
441	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.1	73.9	-3.0	0.0	0.0	0.0	0.0	0.0	-61.5	2255
441	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.1	263.6	-3.0	0.0	0.0	0.0	0.0	0.0	-265.4	2255

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
444	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.0	0.3	-3.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
393	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1917
393	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.7	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1917
393	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.7	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	4.6	1917
393	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.7	62.8	-3.0	0.0	0.0	0.0	0.0	0.0	-50.7	1917
393	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.7	224.0	-3.0	0.0	0.0	0.0	0.0	0.0	-225.9	1917

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
395	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1723
395	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1723
395	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1723
395	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1723
395	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1723
395	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.7	16.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	1723
395	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.7	56.5	-3.0	0.0	0.0	0.0	0.0	0.0	-35.6	1723
395	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.7	201.4	-3.0	0.0	0.0	0.0	0.0	0.0	-197.4	1723

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
398	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1553
398	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1553
398	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1553
398	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1553
398	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1553
398	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.3	1553
398	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.8	50.9	-3.0	0.0	0.0	0.0	0.0	0.0	-38.8	1553
398	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.8	181.6	-3.0	0.0	0.0	0.0	0.0	0.0	-184.5	1553

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
401	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2696
401	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2696
401	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2696
401	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2696
401	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	79.6	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2696
401	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	79.6	26.1	-3.0	0.0	0.0	0.0	0.0	0.0	-2.4	2696
401	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	79.6	88.3	-3.0	0.0	0.0	0.0	0.0	0.0	-74.4	2696
401	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	79.6	315.1	-3.0	0.0	0.0	0.0	0.0	0.0	-322.9	2696

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
403	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2461
403	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2461
403	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2461
403	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2461
403	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2461
403	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	-2.8	2461
403	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.8	80.6	-3.0	0.0	0.0	0.0	0.0	0.0	-70.7	2461
403	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.8	287.6	-3.0	0.0	0.0	0.0	0.0	0.0	-291.7	2461

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
406	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.3	2669
406	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2669
406	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2669
406	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2669

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
406	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2669
406	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-1.9	2669
406	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.5	87.4	-3.0	0.0	0.0	0.0	0.0	0.0	-75.0	2669
406	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.5	311.9	-3.0	0.0	0.0	0.0	0.0	0.0	-321.0	2669

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
409	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	1915
409	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1915
409	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1915
409	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.6	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1915
409	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.6	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	1915
409	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.6	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	-0.1	1915
409	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.6	62.8	-3.0	0.0	0.0	0.0	0.0	0.0	-52.5	1915
409	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.6	223.9	-3.0	0.0	0.0	0.0	0.0	0.0	-228.6	1915

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
411	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2234
411	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2234
411	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2234
411	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2234
411	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2234
411	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.0	21.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.8	2234
411	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.0	73.2	-3.0	0.0	0.0	0.0	0.0	0.0	-60.7	2234
411	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.0	261.1	-3.0	0.0	0.0	0.0	0.0	0.0	-262.9	2234

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
413	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2791
413	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2791
413	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2791
413	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2791
413	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2791
413	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	2791
413	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.9	91.5	-3.0	0.0	0.0	0.0	0.0	0.0	-76.1	2791
413	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.9	326.2	-3.0	0.0	0.0	0.0	0.0	0.0	-322.4	2791

Immissionspunkt
Bez.: IP23/2 Dorstener Landweg 10a
ID:
X: 32357908.39 m
Y: 5740723.13 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
390	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	957
390	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	957
390	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	957
390	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	957
390	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.5	957
390	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.6	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	957
390	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.6	31.3	-3.0	0.0	0.0	0.0	0.0	0.0	-13.2	957
390	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.6	111.8	-3.0	0.0	0.0	0.0	0.0	0.0	-107.6	957

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
392	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	1554
392	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1554
392	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1554
392	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1554
392	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1554
392	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1554
392	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	74.8	50.9	-3.0	0.0	0.0	0.0	0.0	0.0	-32.9	1554
392	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	74.8	181.7	-3.0	0.0	0.0	0.0	0.0	0.0	-185.4	1554

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
405	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1107
405	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1107
405	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1107
405	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1107
405	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1107
405	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	1107
405	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.9	36.3	-3.0	0.0	0.0	0.0	0.0	0.0	-21.3	1107
405	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.9	129.4	-3.0	0.0	0.0	0.0	0.0	0.0	-129.4	1107

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
408	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1327
408	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1327
408	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1327
408	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1327
408	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1327
408	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.5	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.8

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
424	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2667
424	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	0.0	0.0	0.0	-1.9	2667
424	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.5	87.4	-3.0	0.0	0.0	0.0	0.0	0.0	-74.9	2667
424	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.5	311.7	-3.0	0.0	0.0	0.0	0.0	0.0	-320.8	2667

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
426	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	1942
426	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1942
426	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1942
426	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.8	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1942
426	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.8	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1942
426	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.8	18.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	1942
426	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.8	63.6	-3.0	0.0	0.0	0.0	0.0	0.0	-53.5	1942
426	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.8	227.0	-3.0	0.0	0.0	0.0	0.0	0.0	-231.8	1942

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
428	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2242
428	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2242
428	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2242
428	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2242
428	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2242
428	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.0	21.7	-3.0	0.0	0.0	0.0	0.0	0.0	1.7	2242
428	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.0	73.5	-3.0	0.0	0.0	0.0	0.0	0.0	-61.0	2242
428	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.0	262.0	-3.0	0.0	0.0	0.0	0.0	0.0	-263.9	2242

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
431	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2798
431	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2798
431	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2798
431	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2798
431	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2798
431	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.5	2798
431	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.9	91.7	-3.0	0.0	0.0	0.0	0.0	0.0	-76.3	2798
431	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.9	327.0	-3.0	0.0	0.0	0.0	0.0	0.0	-323.2	2798

Immissionspunkt
Bez.: IP24 Landwehr Kämpe 3
ID:
X: 32358225.17 m
Y: 5740246.55 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
415	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	932
415	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	932
415	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	932
415	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	932
415	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	932
415	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.4	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	932
415	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.4	30.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.1	932
415	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.4	108.9	-3.0	0.0	0.0	0.0	0.0	0.0	-104.5	932

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
418	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1005
418	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1005
418	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	1005
418	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1005
418	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1005
418	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1005
418	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.0	32.9	-3.0	0.0	0.0	0.0	0.0	0.0	-17.1	1005
418	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.0	117.5	-3.0	0.0	0.0	0.0	0.0	0.0	-116.6	1005

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
437	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1131
437	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1131
437	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1131
437	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1131
437	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1131
437	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	1131
437	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.1	37.1	-3.0	0.0	0.0	0.0	0.0	0.0	-22.3	1131
437	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.1	132.2	-3.0	0.0	0.0	0.0	0.0	0.0	-132.4	1131

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
440	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1697
440	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1697
440	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1697
440	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1697
440	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1697
440	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	1697
440	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.6	55.6	-3.0	0.0	0.0	0.0	0.0	0.0	-42.4	1697
440	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.6	198.4	-3.0	0.0	0.0	0.0	0.0	0.0	-199.2	1697

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
443	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1337
443	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1337
443	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1337

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
443	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1337
443	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1337
443	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.7	1337
443	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.5	43.8	-3.0	0.0	0.0	0.0	0.0	0.0	-30.4	1337
443	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.5	156.3	-3.0	0.0	0.0	0.0	0.0	0.0	-157.9	1337

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
469	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	2008
469	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2008
469	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	2008
469	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2008
469	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.1	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2008
469	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.1	19.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.8	2008
469	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.1	65.8	-3.0	0.0	0.0	0.0	0.0	0.0	-49.9	2008
469	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.1	234.7	-3.0	0.0	0.0	0.0	0.0	0.0	-240.6	2008

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
472	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1664
472	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1664
472	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1664
472	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1664
472	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1664
472	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.4	16.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	1664
472	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.4	54.5	-3.0	0.0	0.0	0.0	0.0	0.0	-33.4	1664
472	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.4	194.5	-3.0	0.0	0.0	0.0	0.0	0.0	-190.2	1664

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
474	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2193
474	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2193
474	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2193
474	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2193
474	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2193
474	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.8	21.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.8	2193
474	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.8	71.9	-3.0	0.0	0.0	0.0	0.0	0.0	-60.9	2193
474	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.8	256.3	-3.0	0.0	0.0	0.0	0.0	0.0	-259.4	2193

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
477	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	1791
477	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1791
477	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1791
477	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1791
477	32356860.00

Immissionspunkt
Bez.: IP25 Rhader Straße 28
ID:
X: 32356134.48 m
Y: 5739056.05 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
417	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	66.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	561
417	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	66.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	561
417	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	66.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	561
417	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	66.0	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.4	561
417	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	66.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	561
417	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	66.0	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	561
417	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	66.0	18.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.1	561
417	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	66.0	65.5	-3.0	0.0	0.0	0.0	0.0	0.0	-55.3	561

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
420	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	767
420	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	767
420	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	767
420	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	767
420	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.8	767
420	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.7	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	767
420	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	68.7	25.1	-3.0	0.0	0.0	0.0	0.0	0.0	1.5	767
420	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	68.7	89.6	-3.0	0.0	0.0	0.0	0.0	0.0	-74.6	767

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
423	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	770
423	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	770
423	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	770
423	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	770
423	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.0	770
423	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.7	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	770
423	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	68.7	25.2	-3.0	0.0	0.0	0.0	0.0	0.0	2.7	770
423	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	68.7	89.9	-3.0	0.0	0.0	0.0	0.0	0.0	-78.9	770

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
425	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	732
425	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	732
425	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.4	732
425	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	732
425	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	732
425	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	732
425	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	68.3	24.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	732
425	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	68.3	85.6	-3.0	0.0	0.0	0.0	0.0	0.0	-82.0	732

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
427	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1054
427	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1054
427	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	1054

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
427	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	1054
427	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	1054
427	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.5	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1054
427	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.5	34.5	-3.0	0.0	0.0	0.0	0.0	0.0	-17.2	1054
427	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.5	123.2	-3.0	0.0	0.0	0.0	0.0	0.0	-119.8	1054

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
430	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	1151
430	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1151
430	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1151
430	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	1151
430	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	1151
430	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1151
430	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.2	37.7	-3.0	0.0	0.0	0.0	0.0	0.0	-17.9	1151
430	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.2	134.6	-3.0	0.0	0.0	0.0	0.0	0.0	-136.4	1151

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
433	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	8.6	0.0	0.0	9.2	1206
433	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	10.5	0.0	0.0	12.8	1206
433	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.6	1.3	-3.0	0.0	0.0	12.9	0.0	0.0	12.4	1206
433	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.6	2.3	-3.0	0.0	0.0	15.6	0.0	0.0	11.4	1206
433	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.6	4.4	-3.0	0.0	0.0	18.4	0.0	0.0	8.1	1206
433	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.6	11.7	-3.0	0.0	0.0	20.0	0.0	0.0	-4.5	1206
433	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.6	39.5	-3.0	0.0	0.0	20.0	0.0	0.0	-43.4	1206
433	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.6	141.0	-3.0	0.0	0.0	20.0	0.0	0.0	-158.8	1206

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
435	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1573
435	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1573
435	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1573
435	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1573
435	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.9	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1573
435	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.9	15.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	1573
435	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.9	51.6	-3.0	0.0	0.0	0.0	0.0	0.0	-32.9	1573
435	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.9	183.9	-3.0	0.0	0.0	0.0	0.0	0.0	-187.0	1573

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
442	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1522
442	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1522
442	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1522
442	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1522
442	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1522
442	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.6	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	1522
442	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.6	49.9	-3.0	0.0	0.0	0.0	0.0	0.0	-35.7	1522
442	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.6	177.9	-3.0	0.0	0.0	0.0	0.0	0.0	-177.7	1522

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
445	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1232
445	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1232
445	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1232
445	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1232

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
445	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1232
445	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.8	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	1232
445	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.8	40.4	-3.0	0.0	0.0	0.0	0.0	0.0	-26.3	1232
445	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.8	144.0	-3.0	0.0	0.0	0.0	0.0	0.0	-144.9	1232

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
447	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1318
447	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1318
447	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1318
447	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1318
447	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1318
447	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.0	1318
447	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.4	43.2	-3.0	0.0	0.0	0.0	0.0	0.0	-29.7	1318
447	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.4	154.0	-3.0	0.0	0.0	0.0	0.0	0.0	-155.5	1318

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
449	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2042
449	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2042
449	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	2042
449	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	2042
449	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.2	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2042
449	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.2	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	2042
449	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.2	66.9	-3.0	0.0	0.0	0.0	0.0	0.0	-51.2	2042
449	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.2	238.7	-3.0	0.0	0.0	0.0	0.0	0.0	-244.8	2042

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
452	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	1408

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
453	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	12.0	0.0	0.0	16.0	1102
453	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	14.6	0.0	0.0	13.2	1102
453	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	17.3	0.0	0.0	-0.0	1102
453	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.8	36.1	-3.0	0.0	0.0	20.0	0.0	0.0	-39.2	1102
453	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.8	128.8	-3.0	0.0	0.0	20.0	0.0	0.0	-145.8	1102

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
455	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1123
455	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1123
455	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1123
455	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1123
455	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1123
455	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.0	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1123
455	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.0	36.8	-3.0	0.0	0.0	0.0	0.0	0.0	-16.8	1123
455	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.0	131.3	-3.0	0.0	0.0	0.0	0.0	0.0	-132.9	1123

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
457	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.9	0.2	-3.0	0.0	0.0	8.5	0.0	0.0	8.9	1244
457	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.9	0.5	-3.0	0.0	0.0	10.5	0.0	0.0	12.6	1244
457	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.9	1.3	-3.0	0.0	0.0	12.9	0.0	0.0	12.1	1244
457	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.9	2.4	-3.0	0.0	0.0	15.6	0.0	0.0	11.0	1244
457	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.9	4.5	-3.0	0.0	0.0	18.4	0.0	0.0	7.8	1244
457	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.9	12.0	-3.0	0.0	0.0	20.0	0.0	0.0	-5.1	1244
457	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.9	40.8	-3.0	0.0	0.0	20.0	0.0	0.0	-44.9	1244
457	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.9	145.4	-3.0	0.0	0.0	20.0	0.0	0.0	-163.5	1244

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
459	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1550
459	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1550
459	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1550
459	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1550
459	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1550
459	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1550
459	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.8	50.8	-3.0	0.0	0.0	0.0	0.0	0.0	-32.0	1550
459	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.8	181.2	-3.0	0.0	0.0	0.0	0.0	0.0	-184.2	1550

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
461	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	1565
461	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1565
461	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1565
461	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1565
461	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1565
461	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	1565
461	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.9	51.3	-3.0	0.0	0.0	0.0	0.0	0.0	-37.4	1565
461	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.9	182.9	-3.0	0.0	0.0	0.0	0.0	0.0	-183.0	1565

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
463	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1282
463	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1282
463	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1282
463	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1282

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
463	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1282
463	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.2	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	1282
463	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.2	42.0	-3.0	0.0	0.0	0.0	0.0	0.0	-28.3	1282
463	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.2	149.8	-3.0	0.0	0.0	0.0	0.0	0.0	-151.1	1282

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
485	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1366
485	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1366
485	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1366
485	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1366
485	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1366
485	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	1366
485	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.7	44.8	-3.0	0.0	0.0	0.0	0.0	0.0	-31.6	1366
485	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.7	159.7	-3.0	0.0	0.0	0.0	0.0	0.0	-161.5	1366

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
488	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2054
488	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2054
488	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.3	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2054
488	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	2054
488	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.3	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2054
488	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.3	19.9	-3.0	0.0	0.0	0.0	0.0	0.0	6.2	2054
488	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.3	67.3	-3.0	0.0	0.0	0.0	0.0	0.0	-51.7	2054
488	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.3	240.1	-3.0	0.0	0.0	0.0	0.0	0.0	-246.3	2054

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
490	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1454
490	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1454
490	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1454
490	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1454
490	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1454
490	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.8	1454
490	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.2	47.6	-3.0	0.0	0.0	0.0	0.0	0.0	-35.0	1454
490	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.2	169.9	-3.0	0.0	0.0	0.0	0.0	0.0	-172.3	1454

Immissionspunkt
Bez.: IP27 Rhader Straße 36
ID:
X: 32356057.10 m
Y: 5738989.53 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
451	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	66.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	609
451	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	66.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	609
451	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	66.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	609
451	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	66.7	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.6	609
451	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	66.7	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.9	609
451	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	66.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	609
451	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	66.7	20.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.8	609
451	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	66.7	71.2	-3.0	0.0	0.0	0.0	0.0	0.0	-61.7	609

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
454	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	733
454	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	733
454	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	733
454	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	733
454	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	733
454	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	733
454	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	68.3	24.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.0	733
454	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	68.3	85.7	-3.0	0.0	0.0	0.0	0.0	0.0	-70.2	733

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
456	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	3.1	0.0	0.0	15.6	866
456	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	3.7	0.0	0.0	20.3	866
456	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	4.2	0.0	0.0	21.8	866
456	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	4.6	0.0	0.0	22.9	866
456	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	4.9	0.0	0.0	22.7	866
456	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	69.8	8.4	-3.0	0.0	0.0	5.3	0.0	0.0	18.1	866
456	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	69.8	28.4	-3.0	0.0	0.0	5.9	0.0	0.0	-7.4	866
456	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	69.8	101.2	-3.0	0.0	0.0	6.8	0.0	0.0	-98.0	866

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
458	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	9.8	0.0	0.0	8.6	1124
458	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	12.0	0.0	0.0	12.0	1124
458	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	14.6	0.0	0.0	11.4	1124
458	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	17.4	0.0	0.0	10.3	1124
458	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	20.0	0.0	0.0	7.5	1124
458	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.0	10.9	-3.0	0.0	0.0	20.0	0.0	0.0	-3.1	1124
458	32357170.00	5738

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
470	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	19.9	0.0	0.0	0.1	1319
470	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	20.0	0.0	0.0	-11.1	1319
470	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.4	43.2	-3.0	0.0	0.0	20.0	0.0	0.0	-49.7	1319
470	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.4	154.2	-3.0	0.0	0.0	20.0	0.0	0.0	-175.7	1319

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
476	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	8.8	0.0	0.0	6.4	1414
476	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	10.8	0.0	0.0	11.1	1414
476	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	13.2	0.0	0.0	10.8	1414
476	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	15.9	0.0	0.0	6.1	1414
476	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	18.8	0.0	0.0	0.3	1414
476	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	20.0	0.0	0.0	-12.6	1414
476	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.0	46.3	-3.0	0.0	0.0	20.0	0.0	0.0	-53.4	1414
476	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.0	165.2	-3.0	0.0	0.0	20.0	0.0	0.0	-187.3	1414

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
478	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	2119
478	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2119
478	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	2119
478	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	2119
478	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2119
478	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.5	20.5	-3.0	0.0	0.0	0.0	0.0	0.0	5.3	2119
478	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.5	69.4	-3.0	0.0	0.0	0.0	0.0	0.0	-54.1	2119
478	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.5	247.7	-3.0	0.0	0.0	0.0	0.0	0.0	-254.1	2119

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
512	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	4.6	0.0	0.0	10.1	1509
512	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	4.3	0.0	0.0	17.0	1509
512	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	3.9	0.0	0.0	19.5	1509
512	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	2.7	0.0	0.0	18.6	1509
512	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.6	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1509
512	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.6	14.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.9	1509
512	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.6	49.4	-3.0	0.0	0.0	0.0	0.0	0.0	-37.1	1509
512	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.6	176.4	-3.0	0.0	0.0	0.0	0.0	0.0	-179.0	1509

Immissionspunkt
Bez.: IP28 Rhader Straße 34a
ID:
X: 32355971.68 m
Y: 5738969.98 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
465	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	67.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	677
465	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	67.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	677
465	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	67.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	677
465	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	67.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	677
465	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	67.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.2	677
465	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	67.6	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	677
465	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	67.6	22.2	-3.0	0.0	0.0	0.0	0.0	0.0	5.5	677
465	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	67.6	79.1	-3.0	0.0	0.0	0.0	0.0	0.0	-63.0	677

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
467	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	66.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	625
467	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	66.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	625
467	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	66.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	625
467	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	66.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.4	625
467	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	66.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	625
467	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	66.9	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	625
467	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	0.0	0.0	0.0	3.1	625
467	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	66.9	73.0	-3.0	0.0	0.0	0.0	0.0	0.0	-63.7	625

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
471	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1122
471	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1122
471	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1122
471	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1122
471	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1122
471	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.0	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1122
471	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.0	36.8	-3.0	0.0	0.0	0.0	0.0	0.0	-16.8	1122
471	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.0	131.1	-3.0	0.0	0.0	0.0	0.0	0.0	-132.7	1122

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
473	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	950
473	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	950
473	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	950
473	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	950
473	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	950
473	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	70.6	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	950
473	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	70.6	31.1	-3.0	0.0	0.0	0.0	0.0	0.0	-5.1	950
473	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	70.6	111.1	-3.0	0.0	0.0	0.0	0.0	0.0	-101.8	950

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
475	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	8.1	0.0	0.0	9.7	1208
475	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	9.9	0.0	0.0	13.5	1208
475	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	72.6	1.3	-3.0	0.0	0.0	12.2	0.0	0.0	13.1	1208

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
475	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	72.6	2.3	-3.0	0.0	0.0	14.8	0.0	0.0	12.2	1208
475	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	72.6	4.4	-3.0	0.0	0.0	17.5	0.0	0.0	9.0	1208
475	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	72.6	11.7	-3.0	0.0	0.0	20.0	0.0	0.0	-4.5	1208
475	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	72.6	39.6	-3.0	0.0	0.0	20.0	0.0	0.0	-43.4	1208
475	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	72.6	141.2	-3.0	0.0	0.0	20.0	0.0	0.0	-159.0	1208

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
479	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.1	0.1	-3.0	0.0	0.0	4.1	0.0	0.0	15.1	901
479	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.1	0.4	-3.0	0.0	0.0	3.3	0.0	0.0	22.7	901
479	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.1	0.9	-3.0	0.0	0.0	1.1	0.0	0.0	27.3	901
479	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	901
479	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.1	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	901
479	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.1	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	901
479	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.1	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-12.7	901
479	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.1	105.3	-3.0	0.0	0.0	0.0	0.0	0.0	-103.5	901

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
481	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	8.7	0.0	0.0	8.4	1299
481	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	10.7	0.0	0.0	12.0	1299
481	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	13.1	0.0	0.0	11.4	1299
481	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	15.8	0.0	0.0	10.3	1299
481	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	18.7	0.0	0.0	6.9	1299
481	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	20.0	0.0	0.0	-6.0	1299
481	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.3	42.6	-3.0	0.0	0.0	20.0	0.0	0.0	-47.0	1299
481	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.3	151.8	-3.0	0.0	0.0	20.0	0.0	0.0	-170.3	1299

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
483	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1563
483	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1563
483	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1563
483	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1563
483	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1563
483	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1563
483	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.9	51.2	-3.0	0.0	0.0	0.0	0.0	0.0	-32.5	1563
483	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.9	182.7	-3.0	0.0	0.0	0.0	0.0	0.0	-185.8	1563

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
487	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	2.9	0.0	0.0	11.7	1703
487	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1703
487	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1703
487	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1703
487	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.6	6.2	-3.0

Immissionspunkt
Bez.: IP29 Rhader Straße 34
ID:
X: 32355924.12 m
Y: 5738951.07 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
504	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	67.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	654
504	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	67.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	654
504	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	67.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	654
504	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	67.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	654
504	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	67.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	33.6	654
504	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	67.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	654
504	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	67.3	21.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	654
504	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	67.3	76.4	-3.0	0.0	0.0	0.0	0.0	0.0	-60.1	654

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
506	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	67.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	647
506	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	67.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	647
506	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	67.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	647
506	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	67.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	647
506	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	67.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	31.2	647
506	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	67.2	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	647
506	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	67.2	21.2	-3.0	0.0	0.0	0.0	0.0	0.0	2.1	647
506	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	67.2	75.6	-3.0	0.0	0.0	0.0	0.0	0.0	-66.6	647

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
508	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1114
508	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1114
508	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	1114
508	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	1114
508	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1114
508	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	71.9	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1114
508	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	71.9	36.5	-3.0	0.0	0.0	0.0	0.0	0.0	-16.4	1114
508	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	71.9	130.2	-3.0	0.0	0.0	0.0	0.0	0.0	-131.7	1114

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
510	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1001
510	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1001
510	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1001
510	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1001
510	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1001
510	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1001
510	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.0	32.8	-3.0	0.0	0.0	0.0	0.0	0.0	-7.2	1001
510	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.0	117.0	-3.0	0.0	0.0	0.0	0.0	0.0	-108.2	1001

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
511	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	10.4	0.0	0.0	7.0	1255
511	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	12.7	0.0	0.0	10.3	1255
511	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	15.4	0.0	0.0	9.5	1255

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
511	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	18.2	0.0	0.0	8.3	1255
511	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	20.0	0.0	0.0	6.0	1255
511	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.0	12.1	-3.0	0.0	0.0	20.0	0.0	0.0	-5.3	1255
511	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.0	41.1	-3.0	0.0	0.0	20.0	0.0	0.0	-45.3	1255
511	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.0	146.7	-3.0	0.0	0.0	20.0	0.0	0.0	-164.8	1255

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
514	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	6.4	0.0	0.0	12.4	951
514	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	8.6	0.0	0.0	17.0	951
514	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	11.2	0.0	0.0	16.8	951
514	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	13.9	0.0	0.0	12.5	951
514	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	16.5	0.0	0.0	7.7	951
514	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	70.6	9.2	-3.0	0.0	0.0	17.9	0.0	0.0	-2.5	951
514	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	70.6	31.2	-3.0	0.0	0.0	18.8	0.0	0.0	-33.6	951
514	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	70.6	111.1	-3.0	0.0	0.0	19.4	0.0	0.0	-129.2	951

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
516	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	10.9	0.0	0.0	6.0	1333
516	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	13.3	0.0	0.0	9.2	1333
516	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	16.0	0.0	0.0	8.3	1333
516	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	18.8	0.0	0.0	7.0	1333
516	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	20.0	0.0	0.0	5.2	1333
516	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	20.0	0.0	0.0	-6.6	1333
516	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.5	43.7	-3.0	0.0	0.0	20.0	0.0	0.0	-48.4	1333
516	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.5	155.8	-3.0	0.0	0.0	20.0	0.0	0.0	-174.5	1333

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
518	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1559
518	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1559
518	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1559
518	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1559
518	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1559
518	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1559
518	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.9	51.1	-3.0	0.0	0.0	0.0	0.0	0.0	-32.4	1559
518	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.9	182.3	-3.0	0.0	0.0	0.0	0.0	0.0	-185.3	1559

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
520	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1753
520	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1753
520	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1753
520	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1753
520	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1753
520	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.9	16.9	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	1753
520	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.9	57.4	-3.0	0.0	0.0	0.0	0.0	0.0	-44.5	1753
520	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.9	204.9	-3.0	0.0	0.0	0.0	0.0	0.0	-206.0	1753

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
531	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	9.1	0.0	0.0	5.9	1457
531	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	11.2	0.0	0.0	10.5	1457
531	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	13.6	0.0	0.0	10.1	1457
531	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	16.4	0.0	0.0	5.4	1457

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
531	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	19.2	0.0	0.0	-0.6	1457
531	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	20.0	0.0	0.0	-13.3	1457
531	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.3	47.7	-3.0	0.0	0.0	20.0	0.0	0.0	-55.1	1457
531	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.3	170.3	-3.0	0.0	0.0	20.0	0.0	0.0	-192.7	1457

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
533	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.6	2182
533	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2182
533	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	2182
533	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2182
533	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2182
533	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	4.4	2182
533	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.8	71.5	-3.0	0.0	0.0	0.0	0.0	0.0	-56.4	2182
533	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.8	255.1	-3.0	0.0	0.0	0.0	0.0	0.0	-261.8	2182

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
536	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1551
536	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1551
536	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1551
536	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1551
536	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1551
536	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.3	1551
536	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.8	50.8	-3.0	0.0	0.0	0.0	0.0	0.0	-38.8	1551
536	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.8	181.3	-3.0	0.0	0.0	0.0	0.0	0.0	-184.2	1551

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
539	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	4.4	0.0	0.0	9.

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
500	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.6	2.1	-3.0	0.0	0.0	16.8	0.0	0.0	8.5	1068
500	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.6	3.9	-3.0	0.0	0.0	19.7	0.0	0.0	5.3	1068
500	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.6	10.3	-3.0	0.0	0.0	20.0	0.0	0.0	-0.4	1068
500	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.6	35.0	-3.0	0.0	0.0	20.0	0.0	0.0	-30.0	1068
500	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.6	124.8	-3.0	0.0	0.0	20.0	0.0	0.0	-136.6	1068

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
532	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	9.6	0.0	0.0	6.7	1417
532	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	11.8	0.0	0.0	10.1	1417
532	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	14.4	0.0	0.0	9.3	1417
532	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	17.2	0.0	0.0	8.0	1417
532	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	20.0	0.0	0.0	4.4	1417
532	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	20.0	0.0	0.0	-7.9	1417
532	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.0	46.5	-3.0	0.0	0.0	20.0	0.0	0.0	-51.7	1417
532	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.0	165.7	-3.0	0.0	0.0	20.0	0.0	0.0	-184.9	1417

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
534	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	7.5	1085
534	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	12.3	0.0	0.0	12.0	1085
534	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	14.9	0.0	0.0	11.7	1085
534	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	17.7	0.0	0.0	7.3	1085
534	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	20.0	0.0	0.0	2.5	1085
534	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	20.0	0.0	0.0	-7.1	1085
534	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.7	35.5	-3.0	0.0	0.0	20.0	0.0	0.0	-40.4	1085
534	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.7	126.8	-3.0	0.0	0.0	20.0	0.0	0.0	-146.6	1085

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
537	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	9.6	0.0	0.0	5.8	1564
537	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	11.9	0.0	0.0	9.1	1564
537	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	14.4	0.0	0.0	8.3	1564
537	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	17.2	0.0	0.0	6.8	1564
537	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	20.0	0.0	0.0	3.0	1564
537	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.9	15.1	-3.0	0.0	0.0	20.0	0.0	0.0	-10.2	1564
537	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.9	51.3	-3.0	0.0	0.0	20.0	0.0	0.0	-57.4	1564
537	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.9	182.8	-3.0	0.0	0.0	20.0	0.0	0.0	-202.9	1564

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
540	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	9.6	0.0	0.0	14.4	1758
540	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	11.9	0.0	0.0	19.9	1758
540	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	14.4	0.0	0.0	21.5	1758
540	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	17.2	0.0	0.0	22.6	1758
540	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	20.0	0.0	0.0	21.3	1758
540	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	20.0	0.0	0.0	6.9	1758
540	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.9	57.6	-3.0	0.0	0.0	20.0	0.0	0.0	-44.7	1758
540	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.9	205.5	-3.0	0.0	0.0	20.0	0.0	0.0	-206.6	1758

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
552	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	9.0	0.0	0.0	12.3	2003
552	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	11.2	0.0	0.0	17.8	2003
552	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	13.7	0.0	0.0	20.2	2003
552	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	16.4	0.0	0.0	19.9	2003

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
552	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2003
552	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.0	19.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.9	2003
552	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.0	65.6	-3.0	0.0	0.0	0.0	0.0	0.0	-49.8	2003
552	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.0	234.1	-3.0	0.0	0.0	0.0	0.0	0.0	-240.1	2003

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
569	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	9.5	0.0	0.0	4.8	1571
569	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	11.6	0.0	0.0	9.3	1571
569	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	14.2	0.0	0.0	8.8	1571
569	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	16.9	0.0	0.0	3.9	1571
569	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	19.8	0.0	0.0	-2.3	1571
569	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.9	15.2	-3.0	0.0	0.0	20.0	0.0	0.0	-15.0	1571
569	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.9	51.5	-3.0	0.0	0.0	20.0	0.0	0.0	-59.5	1571
569	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.9	183.6	-3.0	0.0	0.0	20.0	0.0	0.0	-206.6	1571

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
573	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	9.1	0.0	0.0	4.9	1622
573	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	11.2	0.0	0.0	9.4	1622
573	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	13.7	0.0	0.0	8.9	1622
573	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	16.4	0.0	0.0	4.1	1622
573	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	19.3	0.0	0.0	-2.2	1622
573	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	20.0	0.0	0.0	-15.8	1622
573	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.2	53.2	-3.0	0.0	0.0	20.0	0.0	0.0	-61.5	1622
573	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.2	189.6	-3.0	0.0	0.0	20.0	0.0	0.0	-212.9	1622

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
575	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	9.0	0.0	0.0	13.7	1673
575	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	11.2	0.0	0.0	20.3	1673
575	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.5	1.7	-3.0	0.0	0.0	13.7	0.0	0.0	22.3	1673
575	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	16.4	0.0	0.0	20.1	1673
575	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	19.3	0.0	0.0	16.6	1673
575	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	20.0	0.0	0.0	3.5	1673
575	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.5	54.8	-3.0	0.0	0.0	0.0	0.0	0.0	-43.4	1673
575	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.5	195.5	-3.0	0.0	0.0	0.0	0.0	0.0	-199.1	1673

Immissionspunkt
Bez.: IP31 Im Kühl 11
ID:
X: 32355174.04 m
Y: 5738807.44 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
497	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	67.4	0.1	-3.0	0.0	0.0	9.0	0.0	0.0	23.1	659
497	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	67.4	0.3	-3.0	0.0	0.0	11.2	0.0	0.0	28.6	659
497	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	67.4	0.7	-3.0	0.0	0.0	13.7	0.0	0.0	29.8	659
497	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	67.4	1.3	-3.0	0.0	0.0	16.4	0.0	0.0	30.4	659
497	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	67.4	2.4	-3.0	0.0	0.0	19.3	0.0	0.0	33.5	659
497	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	67.4	6.4	-3.0	0.0	0.0	20.0	0.0	0.0	27.7	659
497	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	67.4	21.6	-3.0	0.0	0.0	0.0	0.0	0.0	6.3	659
497	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	67.4	77.1	-3.0	0.0	0.0	0.0	0.0	0.0	-60.8	659

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
499	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	9.0	0.0	0.0	17.0	1128
499	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	11.2	0.0	0.0	22.2	1128
499	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	13.7	0.0	0.0	25.0	1128
499	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	16.4	0.0	0.0	25.8	1128
499	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	19.3	0.0	0.0	26.9	1128
499	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.0	10.9	-3.0	0.0	0.0	20.0	0.0	0.0	20.4	1128
499	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.0	37.0	-3.0	0.0	0.0	0.0	0.0	0.0	-17.0	1128
499	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.0	131.9	-3.0	0.0	0.0	0.0	0.0	0.0	-133.5	1128

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
501	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	9.0	0.0	0.0	17.2	1130
501	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	11.2	0.0	0.0	21.6	1130
501	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	13.7	0.0	0.0	22.1	1130
501	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	16.4	0.0	0.0	24.3	1130
501	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	19.3	0.0	0.0	24.6	1130
501	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	20.0	0.0	0.0	18.4	1130
501	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	72.1	37.0	-3.0	0.0	0.0	0.0	0.0	0.0	-18.6	1130
501	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	72.1	132.1	-3.0	0.0	0.0	0.0	0.0	0.0	-128.0	1130

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
502	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1552
502	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1552
502	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1552
502	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1552
502	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1552
502	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1552

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
515	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2467
515	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	-2.9	2467
515	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.8	80.8	-3.0	0.0	0.0	0.0	0.0	0.0	-70.9	2467
515	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.8	288.3	-3.0	0.0	0.0	0.0	0.0	0.0	-292.3	2467

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
517	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2220
517	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2220
517	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	2220
517	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2220
517	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2220
517	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.9	21.5	-3.0	0.0	0.0	0.0	0.0	0.0	-4.3	2220
517	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.9	72.7	-3.0	0.0	0.0	0.0	0.0	0.0	-63.8	2220
517	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.9	259.4	-3.0	0.0	0.0	0.0	0.0	0.0	-265.5	2220

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
519	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2305
519	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2305
519	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2305
519	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.3	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2305
519	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.3	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2305
519	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	2305
519	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.3	75.5	-3.0	0.0	0.0	0.0	0.0	0.0	-66.9	2305
519	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.3	269.5	-3.0	0.0	0.0	0.0	0.0	0.0	-275.8	2305

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
522	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2376
522	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2376
522	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2376
522	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2376
522	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2376
522	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.5	23.0	-3.0	0.0	0.0	0.0	0.0	0.0	-6.4	2376
522	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.5	77.9	-3.0	0.0	0.0	0.0	0.0	0.0	-69.5	2376
522	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.5	277.7	-3.0	0.0	0.0	0.0	0.0	0.0	-284.3	2376

Immissionspunkt
Bez.: IP32 Marbecker Straße 121
ID:
X: 32354819.94 m
Y: 5739166.49 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
521	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	691
521	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	691
521	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	691
521	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	691
521	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	691
521	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	691
521	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	67.8	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	4.9	691
521	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	67.8	80.8	-3.0	0.0	0.0	0.0	0.0	0.0	-64.9	691

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
523	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	939
523	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	939
523	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	939
523	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	939
523	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	70.5	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	939
523	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	939
523	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	70.5	30.8	-3.0	0.0	0.0	0.0	0.0	0.0	-9.2	939
523	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	70.5	109.7	-3.0	0.0	0.0	0.0	0.0	0.0	109.8	939

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
524	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	1270
524	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1270
524	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1270
524	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	73.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	1270
524	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	73.1	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1270
524	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.1	12.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	1270
524	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	73.1	41.6	-3.0	0.0	0.0	0.0	0.0	0.0	-21.1	1270
524	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	73.1	148.4	-3.0	0.0	0.0	0.0	0.0	0.0	149.7	1270

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
525	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	72.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	1248
525	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1248
525	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	72.9	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1248
525	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	72.9	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1248
525	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	72.9	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1248
525	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	72.9	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1248
525	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	72.9	40.9	-3.0	0.0	0.0	0.0	0.0	0.0	-23.3	1248
525	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	72.9	145.9	-3.0	0.0	0.0	0.0	0.0	0.0	142.6	1248

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
526	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2484
526	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2484
526	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2484

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
526	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2484
526	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2484
526	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.9	24.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.4	2484
526	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	78.9	81.4	-3.0	0.0	0.0	0.0	0.0	0.0	-67.4	2484
526	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	78.9	290.3	-3.0	0.0	0.0	0.0	0.0	0.0	-298.2	2484

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
528	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2018
528	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2018
528	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2018
528	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2018
528	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2018
528	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.1	19.5	-3.0	0.0	0.0	0.0	0.0	0.0	4.9	2018
528	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.1	66.1	-3.0	0.0	0.0	0.0	0.0	0.0	-46.6	2018
528	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.1	235.8	-3.0	0.0	0.0	0.0	0.0	0.0	-233.1	2018

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
530	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	2367
530	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2367
530	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2367
530	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2367
530	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2367
530	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.5	22.9	-3.0	0.0	0.0	0.0	0.0	0.0	-1.6	2367
530	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.5	77.6	-3.0	0.0	0.0	0.0	0.0	0.0	-67.2	2367
530	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.5	276.6	-3.0	0.0	0.0	0.0	0.0	0.0	-280.3	2367

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
542	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2432
542	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2432
542	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2432
542	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2432
542	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2432
542	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.7	23.5	-3.0	0.0	0.0	0.0	0.0	0.0	-2.4	2432
542	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.7	79.7	-3.0	0.0	0.0	0.0	0.0	0.0	-69.6	2432
542	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.7	284.3	-3.0	0.0	0.0	0.0	0.0	0.0	-288.2	2432

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
543	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2655
543	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2655
543	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2655
543	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2655
543	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2655
543	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.5	25.7	-3.0	0.0	0.0	0.0	0.0	0.0	-5.3	2655
543	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.5	87.0	-3.0	0.0	0.0	0.0	0.0	0.0	-77.7	2655
543

Immissionspunkt
Bez.: IP33 Marbecker Straße 117
ID:
X: 32354938.37 m
Y: 5739343.72 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
527	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	65.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	544
527	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	65.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.4	544
527	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	65.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	544
527	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	65.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	544
527	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	65.7	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	35.6	544
527	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	65.7	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	544
527	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	65.7	17.8	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	544
527	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	65.7	63.5	-3.0	0.0	0.0	0.0	0.0	0.0	-45.5	544

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
529	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	730
529	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	730
529	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.2	730
529	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	730
529	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	730
529	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.1	730
529	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	68.3	23.9	-3.0	0.0	0.0	0.0	0.0	0.0	-0.2	730
529	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	68.3	85.3	-3.0	0.0	0.0	0.0	0.0	0.0	-83.2	730

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
535	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	71.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1066
535	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	71.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1066
535	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	71.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1066
535	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	71.6	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	1066
535	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	71.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	1066
535	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.6	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1066
535	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	71.6	34.9	-3.0	0.0	0.0	0.0	0.0	0.0	-12.9	1066
535	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	71.6	124.6	-3.0	0.0	0.0	0.0	0.0	0.0	-124.3	1066

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
538	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1087
538	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1087
538	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1087
538	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1087
538	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	1087
538	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1087
538	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	71.7	35.6	-3.0	0.0	0.0	0.0	0.0	0.0	-16.8	1087
538	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	71.7	127.0	-3.0	0.0	0.0	0.0	0.0	0.0	-122.6	1087

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
541	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2273
541	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2273
541	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2273

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
541	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2273
541	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2273
541	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.1	22.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.2	2273
541	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	78.1	74.5	-3.0	0.0	0.0	0.0	0.0	0.0	-59.7	2273
541	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	78.1	265.6	-3.0	0.0	0.0	0.0	0.0	0.0	-272.7	2273

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
549	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	1890
549	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	1890
549	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1890
549	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1890
549	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1890
549	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	76.5	18.3	-3.0	0.0	0.0	0.0	0.0	0.0	6.7	1890
549	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	76.5	61.9	-3.0	0.0	0.0	0.0	0.0	0.0	-41.9	1890
549	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	76.5	220.9	-3.0	0.0	0.0	0.0	0.0	0.0	-217.7	1890

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
551	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2275
551	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2275
551	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2275
551	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2275
551	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2275
551	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.1	22.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.3	2275
551	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.1	74.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.9	2275
551	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.1	265.9	-3.0	0.0	0.0	0.0	0.0	0.0	-269.3	2275

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
555	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.6	2388
555	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2388
555	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2388
555	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2388
555	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.6	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2388
555	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.6	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	-1.8	2388
555	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.6	78.3	-3.0	0.0	0.0	0.0	0.0	0.0	-68.0	2388
555	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.6	279.1	-3.0	0.0	0.0	0.0	0.0	0.0	-282.9	2388

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
557	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2493
557	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2493
557	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2493
557	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2493
557	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2493
557	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.9	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-3.2	2493
557	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.9	81.7	-3.0	0.0	0.0	0.0	0.0	0.0	-71.8	2493
557	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.9	291.4	-3.0	0.0	0.0	0.0	0.0	0.0	-295.6	2493

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
560	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	1940
560	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1940
560	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1940
560	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.8	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1940

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
560	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.8	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1940
560	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.8	18.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	1940
560	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.8	63.6	-3.0	0.0	0.0	0.0	0.0	0.0	-53.4	1940
560	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.8	226.8	-3.0	0.0	0.0	0.0	0.0	0.0	-231.6	1940

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
562	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2415
562	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2415
562	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2415
562	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2415
562	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.7	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2415
562	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.7	23.3	-3.0	0.0	0.0	0.0	0.0	0.0	-6.9	2415
562	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.7	79.1	-3.0	0.0	0.0	0.0	0.0	0.0	-70.9	2415
562	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.7	282.2	-3.0	0.0	0.0	0.0	0.0	0.0	-289.0	2415

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
567	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2435
567	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2435
567	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2435
567	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2435
567	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2435
567	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.7	23.5	-3.0	0.0	0.0	0.0	0.0	0.0	-7.2	2435
567	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.7	79.8	-3.0	0.0	0.0	0.0	0.0	0.0	-71.6	2435
567	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.7	284.7	-3.0	0.0	0.0	0.0	0.0	0.0	-291.5	2435

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
571	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
559	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2188
559	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2188
559	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	4.4	2188
559	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	77.8	71.7	-3.0	0.0	0.0	0.0	0.0	0.0	-56.6	2188
559	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	77.8	255.7	-3.0	0.0	0.0	0.0	0.0	0.0	-262.4	2188

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
561	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2102
561	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2102
561	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2102
561	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2102
561	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2102
561	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.5	20.3	-3.0	0.0	0.0	0.0	0.0	0.0	3.7	2102
561	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.5	68.9	-3.0	0.0	0.0	0.0	0.0	0.0	-49.7	2102
561	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.5	245.6	-3.0	0.0	0.0	0.0	0.0	0.0	-243.3	2102

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
564	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2535
564	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2535
564	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.1	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2535
564	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2535
564	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2535
564	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-3.8	2535
564	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.1	83.1	-3.0	0.0	0.0	0.0	0.0	0.0	-73.4	2535
564	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.1	296.3	-3.0	0.0	0.0	0.0	0.0	0.0	-300.6	2535

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
566	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2626
566	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2626
566	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2626
566	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2626
566	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2626
566	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.4	25.4	-3.0	0.0	0.0	0.0	0.0	0.0	-5.0	2626
566	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.4	86.0	-3.0	0.0	0.0	0.0	0.0	0.0	-76.6	2626
566	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.4	306.9	-3.0	0.0	0.0	0.0	0.0	0.0	-311.5	2626

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
568	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2698
568	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2698
568	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2698
568	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2698
568	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.6	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2698
568	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.6	26.1	-3.0	0.0	0.0	0.0	0.0	0.0	-5.9	2698
568	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.6	88.4	-3.0	0.0	0.0	0.0	0.0	0.0	-79.2	2698
568	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.6	315.4	-3.0	0.0	0.0	0.0	0.0	0.0	-320.2	2698

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
570	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2189
570	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2189
570	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2189
570	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2189

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
570	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2189
570	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.8	21.2	-3.0	0.0	0.0	0.0	0.0	0.0	-3.9	2189
570	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.8	71.7	-3.0	0.0	0.0	0.0	0.0	0.0	-62.7	2189
570	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.8	255.9	-3.0	0.0	0.0	0.0	0.0	0.0	-261.8	2189

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
574	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2599
574	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2599
574	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2599
574	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2599
574	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	2599
574	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.3	25.1	-3.0	0.0	0.0	0.0	0.0	0.0	-9.3	2599
574	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.3	85.2	-3.0	0.0	0.0	0.0	0.0	0.0	-77.6	2599
574	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.3	303.8	-3.0	0.0	0.0	0.0	0.0	0.0	-311.2	2599

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
659	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2625
659	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2625
659	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2625
659	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2625
659	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	2625
659	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.4	25.4	-3.0	0.0	0.0	0.0	0.0	0.0	-9.7	2625
659	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.4	86.0	-3.0	0.0	0.0	0.0	0.0	0.0	-78.5	2625
659	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.4	306.8	-3.0	0.0	0.0	0.0	0.0	0.0	-314.3	2625

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
661	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2637
661	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2637
661	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2637
661	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2637
661	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2637
661	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.4	25.5	-3.0	0.0	0.0	0.0	0.0	0.0	-9.8	2637
661	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.4	86.4	-3.0	0.0	0.0	0.0	0.0	0.0	-78.9	2637
661	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.4	308.2	-3.0	0.0	0.0	0.0	0.0	0.0	-315.7	2637

Immissionspunkt
Bez.: IP35 Windbrake 3
ID:
X: 32355034.30 m
Y: 5739641.90 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
553	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	64.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	461
553	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	64.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	461
553	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	64.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.4	461
553	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	64.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	34.8	461
553	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	64.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	37.1	461
553	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	64.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	34.7	461
553	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	64.3	15.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	461
553	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	64.3	53.9	-3.0	0.0	0.0	0.0	0.0	0.0	-47.8	461

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
558	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	65.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	521
558	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	65.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.7	521
558	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	65.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	521
558	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	65.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	521
558	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	65.3	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	36.0	521
558	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	65.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	31.1	521
558	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	65.3	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	521
558	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	65.3	60.9	-3.0	0.0	0.0	0.0	0.0	0.0	-42.6	521

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
563	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	68.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	758
563	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	68.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	758
563	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	68.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.4	758
563	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	68.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.3	758
563	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	68.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	758
563	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	68.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	758
563	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	68.6	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.2	758
563	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	68.6	88.6	-3.0	0.0	0.0	0.0	0.0	0.0	-85.4	758

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
565	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	70.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	970
565	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	970
565	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	970
565	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	970
565	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	970
565	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.7	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	970
565	32355989.00	5739575.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
607	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.6	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	1909
607	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.6	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1909
607	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.6	62.6	-3.0	0.0	0.0	0.0	0.0	0.0	-52.3	1909
607	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.6	223.2	-3.0	0.0	0.0	0.0	0.0	0.0	-227.9	1909

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
609	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2313
609	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2313
609	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2313
609	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2313
609	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.3	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2313
609	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.5	2313
609	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.3	75.8	-3.0	0.0	0.0	0.0	0.0	0.0	-67.2	2313
609	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.3	270.3	-3.0	0.0	0.0	0.0	0.0	0.0	-276.7	2313

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
611	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2337
611	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2337
611	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2337
611	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2337
611	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2337
611	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	-5.9	2337
611	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.4	76.6	-3.0	0.0	0.0	0.0	0.0	0.0	-68.1	2337
611	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.4	273.1	-3.0	0.0	0.0	0.0	0.0	0.0	-279.6	2337

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
614	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2351
614	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2351
614	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2351
614	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2351
614	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2351
614	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	-6.0	2351
614	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.4	77.0	-3.0	0.0	0.0	0.0	0.0	0.0	-68.6	2351
614	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.4	274.8	-3.0	0.0	0.0	0.0	0.0	0.0	-281.3	2351

Immissionspunkt
Bez.: IP36/1 Greven Esch 15
ID:
X: 32355680.81 m
Y: 5739627.41 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
572	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	62.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.3	366
572	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	62.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	366
572	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	62.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	366
572	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	62.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	36.1	366
572	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	62.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	39.7	366
572	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	62.3	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	35.7	366
572	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	62.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	366
572	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	62.3	42.8	-3.0	0.0	0.0	0.0	0.0	0.0	-21.3	366

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
576	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	61.9	0.0	-3.0	0.0	0.0	3.1	0.0	0.0	24.4	349
576	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	61.9	0.1	-3.0	0.0	0.0	0.6	0.0	0.0	31.5	349
576	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	61.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	33.1	349
576	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	61.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	36.0	349
576	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	61.9	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	37.7	349
576	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	61.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	36.2	349
576	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	61.9	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	349
576	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	61.9	40.8	-3.0	0.0	0.0	0.0	0.0	0.0	-26.4	349

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
578	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	64.0	0.1	-3.0	0.0	0.0	4.2	0.0	0.0	21.0	444
578	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	64.0	0.2	-3.0	0.0	0.0	5.6	0.0	0.0	24.9	444
578	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	64.0	0.5	-3.0	0.0	0.0	7.6	0.0	0.0	26.2	444
578	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	64.0	0.9	-3.0	0.0	0.0	9.9	0.0	0.0	25.3	444
578	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	64.0	1.6	-3.0	0.0	0.0	12.5	0.0	0.0	25.0	444
578	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	64.0	4.3	-3.0	0.0	0.0	15.2	0.0	0.0	19.9	444
578	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	64.0	14.6	-3.0	0.0	0.0	16.9	0.0	0.0	-3.4	444
578	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	64.0	51.9	-3.0	0.0	0.0	18.2	0.0	0.0	-63.6	444

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
580	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	69.6	0.1	-3.0	0.0	0.0	5.7	0.0	0.0	14.5	854
580	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	69.6	0.4	-3.0	0.0	0.0	7.7	0.0	0.0	18.7	854
580	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	69.6	0.9	-3.0	0.0	0.0	10.2	0.0	0.0	19.1	854
580	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	69.6	1.6	-3.0	0.0	0.0	12.9	0.0	0.0	17.3	854
580	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	69.6	3.1	-3.0	0.0	0.0	15.7	0.0	0.0	15.3	854
580	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.6	8.3	-3.0	0.0	0.0	17.7	0.0	0.0	7.7	854
580	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	69.6	28.0	-3.0	0.0	0.0	18.7	0.0	0.0	-22.7	854
580	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	69.6	99.9	-3.0	0.0	0.0	19.3	0.0	0.0	-117.0	854

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
584	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1181
584	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1181
584	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1181

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
584	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1181
584	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1181
584	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1181
584	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	0.0	0.0	0.0	-14.6	1181
584	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	72.4	138.1	-3.0	0.0	0.0	0.0	0.0	0.0	-130.7	1181

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
588	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	8.6	0.0	0.0	5.6	1625
588	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	10.6	0.0	0.0	9.2	1625
588	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	13.0	0.0	0.0	9.4	1625
588	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	15.6	0.0	0.0	6.8	1625
588	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	18.5	0.0	0.0	3.8	1625
588	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	20.0	0.0	0.0	-7.6	1625
588	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.2	53.2	-3.0	0.0	0.0	20.0	0.0	0.0	-55.6	1625
588	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.2	189.9	-3.0	0.0	0.0	20.0	0.0	0.0	-214.0	1625

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
590	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1653
590	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1653
590	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1653
590	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1653
590	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.4	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1653
590	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.4	16.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	1653
590	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.4	54.2	-3.0	0.0	0.0	0.0	0.0	0.0	-40.7	1653
590	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.4	193.2	-3.0	0.0	0.0	0.0	0.0	0.0	-193.7	1653

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
592	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	7.7	0.0	0.0	7.0	1708
592	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	9.4	0.0	0.0	10.8	1708
592	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	11.6	0.0	0.0	10.2	1708
592	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	14.1	0.0	0.0	8.9	1708
592	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.7	6.2	-3.0	0.0	0.0	16.8	0.0	0.0	4.9	1708
592	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.7	16.5	-3.0	0.0	0.0	19.7	0.0	0.0	-12.1	1708
592	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.7	56.0	-3.0	0.0	0.0	20.0	0.0	0.0	-62.8	1708
592	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.7	199.6	-3.0	0.0	0.0	20.0	0.0	0.0	-220.5	1708

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
594	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1299
594	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1299
594	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1299
594	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1299
594	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.3	4.8	-

Immissionspunkt
Bez.: IP36/2 Greven Esch 15
ID:
X: 32355684.59 m
Y: 5739641.52 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
582	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	62.5	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	21.6	378
582	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	62.5	0.2	-3.0	0.0	0.0	8.5	0.0	0.0	25.1	378
582	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	62.5	0.4	-3.0	0.0	0.0	10.9	0.0	0.0	24.0	378
582	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	62.5	0.7	-3.0	0.0	0.0	13.7	0.0	0.0	22.2	378
582	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	62.5	1.4	-3.0	0.0	0.0	16.5	0.0	0.0	22.9	378
582	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	62.5	3.7	-3.0	0.0	0.0	18.7	0.0	0.0	16.7	378
582	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	62.5	12.4	-3.0	0.0	0.0	19.3	0.0	0.0	1.1	378
582	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	62.5	44.2	-3.0	0.0	0.0	19.6	0.0	0.0	-42.6	378

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
585	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	61.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	348
585	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	61.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	32.1	348
585	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	61.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	33.1	348
585	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	61.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	36.0	348
585	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	61.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	37.7	348
585	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	61.8	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	36.2	348
585	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	61.8	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	348
585	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	61.8	40.7	-3.0	0.0	0.0	0.0	0.0	0.0	-26.3	348

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
587	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	63.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	438
587	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	63.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.7	438
587	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	63.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	438
587	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	63.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	438
587	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	63.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	37.7	438
587	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	63.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	438
587	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	63.8	14.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	438
587	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	63.8	51.2	-3.0	0.0	0.0	0.0	0.0	0.0	-44.6	438

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
589	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	69.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	844
589	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	69.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	844
589	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	69.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	844
589	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	69.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	844
589	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	69.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.1	844
589	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.5	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	844
589	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	69.5	27.7	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6	844
589	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	69.5	98.7	-3.0	0.0	0.0	0.0	0.0	0.0	-96.4	844

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
591	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	11.2	1181
591	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	16.4	1181
591	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	18.2	1181

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
591	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	19.4	1181
591	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	4.8	0.0	0.0	19.0	1181
591	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	4.8	0.0	0.0	12.9	1181
591	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	4.8	0.0	0.0	-19.3	1181
591	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	72.4	138.0	-3.0	0.0	0.0	4.8	0.0	0.0	-135.4	1181

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
593	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1611
593	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1611
593	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1611
593	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1611
593	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1611
593	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.1	15.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	1611
593	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.1	52.8	-3.0	0.0	0.0	0.0	0.0	0.0	-35.0	1611
593	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.1	188.3	-3.0	0.0	0.0	0.0	0.0	0.0	-192.3	1611

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
595	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	6.8	0.0	0.0	8.1	1655
595	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	8.2	0.0	0.0	12.3	1655
595	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	10.1	0.0	0.0	12.0	1655
595	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	12.4	0.0	0.0	11.0	1655
595	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	15.0	0.0	0.0	7.2	1655
595	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.4	16.0	-3.0	0.0	0.0	17.8	0.0	0.0	-9.4	1655
595	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.4	54.3	-3.0	0.0	0.0	20.0	0.0	0.0	-60.8	1655
595	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.4	193.5	-3.0	0.0	0.0	20.0	0.0	0.0	-214.1	1655

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
597	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1702
597	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1702
597	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1702
597	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1702
597	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1702
597	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.7	1702
597	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.6	55.8	-3.0	0.0	0.0	0.0	0.0	0.0	-42.6	1702
597	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.6	198.9	-3.0	0.0	0.0	0.0	0.0	0.0	-199.7	1702

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
599	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	7.2	0.0	0.0	8.8	1301
599	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	8.7	0.0	0.0	14.0	1301
599	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	10.7	0.0	0.0	14.1	1301
599	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	13.1	0.0	0.0	9.9	1301
599	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	15.8	0.0	0.0	4.3	1301
599	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	18.7	0.0	0.0	-9.4	1301
599	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.3	42.6	-3.0	0.0	0.0	20.0	0.0	0.0	-49.0	1301
599	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.3	152.1	-3.0	0.0	0.0	20.0	0.0	0.0	-173.5	1301

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
601	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	7.8	0.0	0.0	5.8	1921
601	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	9.5	0.0	0.0	9.5	1921
601	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	11.7	0.0	0.0	8.8	1921
601	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	14.3	0.0	0.0	7.2	1921

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
601	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.7	7.0	-3.0	0.0	0.0	17.1	0.0	0.0	2.8	1921
601	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.7	18.6	-3.0	0.0	0.0	19.9	0.0	0.0	-15.4	1921
601	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.7	62.9	-3.0	0.0	0.0	20.0	0.0	0.0	-70.8	1921
601	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.7	224.5	-3.0	0.0	0.0	20.0	0.0	0.0	-246.4	1921

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
603	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	1664
603	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1664
603	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1664
603	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1664
603	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1664
603	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.4	16.1	-3.0	0.0	0.0	0.0	0.0	0.0	3.6	1664
603	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.4	54.5	-3.0	0.0	0.0	0.0	0.0	0.0	-43.1	1664
603	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.4	194.5	-3.0	0.0	0.0	0.0	0.0	0.0	-198.1	1664

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
604	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	8.9	1689
604	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	4.6	0.0	0.0	15.6	1689
604	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	4.5	0.0	0.0	17.7	1689
604	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	4.2	0.0	0.0	15.7	1689
604	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	3.6	0.0	0.0	12.8	1689
604	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.6	16.3	-3.0	0.0	0.0	2.1	0.0	0.0	1.1	1689
604	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.6	55.3	-3.0	0.0	0.0	0.0	0.0	0.0	-44.0	1689
604	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.6	197.4	-3.0	0.0	0.0	0.0	0.0	0.0	-201.0	1689

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
605	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	8.7	1714

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
617	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1114
617	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1114
617	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.9	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1114
617	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.9	36.5	-3.0	0.0	0.0	0.0	0.0	0.0	-11.8	1114
617	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.9	130.2	-3.0	0.0	0.0	0.0	0.0	0.0	-122.3	1114

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
619	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1600
619	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1600
619	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1600
619	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1600
619	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1600
619	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.1	15.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	1600
619	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.1	52.4	-3.0	0.0	0.0	0.0	0.0	0.0	-34.6	1600
619	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.1	187.0	-3.0	0.0	0.0	0.0	0.0	0.0	-191.0	1600

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
621	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	1589
621	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1589
621	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.0	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1589
621	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.0	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1589
621	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.0	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1589
621	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.0	15.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	1589
621	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.0	52.1	-3.0	0.0	0.0	0.0	0.0	0.0	-38.3	1589
621	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.0	185.8	-3.0	0.0	0.0	0.0	0.0	0.0	-186.0	1589

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
623	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1642
623	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1642
623	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1642
623	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1642
623	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1642
623	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	1642
623	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.3	53.8	-3.0	0.0	0.0	0.0	0.0	0.0	-40.3	1642
623	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.3	191.9	-3.0	0.0	0.0	0.0	0.0	0.0	-192.4	1642

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
626	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1235
626	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1235
626	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1235
626	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1235
626	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1235
626	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.8	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	1235
626	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.8	40.5	-3.0	0.0	0.0	0.0	0.0	0.0	-26.4	1235
626	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.8	144.3	-3.0	0.0	0.0	0.0	0.0	0.0	-145.2	1235

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
638	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	1861
638	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1861
638	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.4	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1861
638	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1861

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
638	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1861
638	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.4	18.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.4	1861
638	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.4	61.0	-3.0	0.0	0.0	0.0	0.0	0.0	-48.6	1861
638	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.4	217.5	-3.0	0.0	0.0	0.0	0.0	0.0	-219.1	1861

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
640	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1602
640	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1602
640	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1602
640	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1602
640	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	1602
640	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.1	15.5	-3.0	0.0	0.0	0.0	0.0	0.0	4.5	1602
640	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.1	52.5	-3.0	0.0	0.0	0.0	0.0	0.0	-40.7	1602
640	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.1	187.2	-3.0	0.0	0.0	0.0	0.0	0.0	-190.4	1602

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
641	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1623
641	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1623
641	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1623
641	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1623
641	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1623
641	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	0.0	0.0	0.0	4.2	1623
641	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.2	53.2	-3.0	0.0	0.0	0.0	0.0	0.0	-41.5	1623
641	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.2	189.6	-3.0	0.0	0.0	0.0	0.0	0.0	-192.9	1623

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
642	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	1647
642	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1647
642	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1647
642	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1647
642	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	1647
642	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	0.0	0.0	0.0	3.9	1647
642	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.3	54.0	-3.0	0.0	0.0	0.0	0.0	0.0	-42.4	1647
642	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.3	192.5	-3.0	0.0	0.0	0.0	0.0	0.0	-195.9	1647

Immissionspunkt
Bez.: IP37 Marbecker Straße 111
ID:
X: 32354892.76 m
Y: 5739850.91 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
610	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	65.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	512
610	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	65.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	512
610	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	65.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	32.5	512
610	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	65.2	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	33.8	512
610	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	65.2	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	36.1	512
610	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	65.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.3	512
610	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	65.2	16.8	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	512
610	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	65.2	59.8	-3.0	0.0	0.0	0.0	0.0	0.0	-54.6	512

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
613	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	67.1	0.1	-3.0	0.0	0.0	3.9	0.0	0.0	19.0	636
613	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	67.1	0.3	-3.0	0.0	0.0	5.2	0.0	0.0	23.8	636
613	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	67.1	0.7	-3.0	0.0	0.0	7.0	0.0	0.0	25.1	636
613	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	67.1	1.2	-3.0	0.0	0.0	9.2	0.0	0.0	24.0	636
613	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	67.1	2.3	-3.0	0.0	0.0	11.6	0.0	0.0	22.7	636
613	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	67.1	6.1	-3.0	0.0	0.0	14.1	0.0	0.0	16.0	636
613	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	67.1	20.8	-3.0	0.0	0.0	16.0	0.0	0.0	-10.3	636
613	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	67.1	74.3	-3.0	0.0	0.0	17.5	0.0	0.0	-87.1	636

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
616	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	751
616	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	751
616	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	751
616	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	751
616	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.0	751
616	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.5	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	751
616	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	68.5	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	2.2	751
616	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	68.5	87.7	-3.0	0.0	0.0	0.0	0.0	0.0	-72.5	751

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
618	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	1141
618	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1141
618	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1141
618	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1141
618	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	72.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1141
618	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1141
618	32355989.00	5

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
633	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2111
633	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	-2.8	2111
633	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.5	69.2	-3.0	0.0	0.0	0.0	0.0	0.0	-59.8	2111
633	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.5	246.7	-3.0	0.0	0.0	0.0	0.0	0.0	-252.3	2111

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
635	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2451
635	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2451
635	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2451
635	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2451
635	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2451
635	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.8	23.7	-3.0	0.0	0.0	0.0	0.0	0.0	-7.4	2451
635	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.8	80.3	-3.0	0.0	0.0	0.0	0.0	0.0	-72.2	2451
635	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.8	286.5	-3.0	0.0	0.0	0.0	0.0	0.0	-293.4	2451

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
637	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2497
637	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2497
637	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2497
637	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.0	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2497
637	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.0	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2497
637	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.0	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-8.0	2497
637	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.0	81.8	-3.0	0.0	0.0	0.0	0.0	0.0	-73.9	2497
637	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.0	291.9	-3.0	0.0	0.0	0.0	0.0	0.0	-299.0	2497

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
639	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2532
639	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2532
639	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.1	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2532
639	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2532
639	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2532
639	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-8.4	2532
639	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.1	83.0	-3.0	0.0	0.0	0.0	0.0	0.0	-75.2	2532
639	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.1	296.0	-3.0	0.0	0.0	0.0	0.0	0.0	-303.2	2532

Immissionspunkt
Bez.: IP38/1 Marbecker Straße 103
ID:
X: 32354809.96 m
Y: 5740342.05 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
622	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	64.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	472
622	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	64.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.7	472
622	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	64.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	34.8	472
622	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	64.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	36.0	472
622	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	64.5	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	37.5	472
622	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	64.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	34.3	472
622	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	64.5	15.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	472
622	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	64.5	55.1	-3.0	0.0	0.0	0.0	0.0	0.0	-47.8	472

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
625	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	732
625	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	732
625	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	732
625	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	732
625	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.1	732
625	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	732
625	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	68.3	24.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.3	732
625	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	68.3	85.5	-3.0	0.0	0.0	0.0	0.0	0.0	-83.4	732

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
628	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1169
628	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1169
628	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1169
628	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1169
628	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	1169
628	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.4	11.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	1169
628	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	72.4	38.3	-3.0	0.0	0.0	0.0	0.0	0.0	-15.3	1169
628	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	72.4	136.6	-3.0	0.0	0.0	0.0	0.0	0.0	-125.2	1169

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
630	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	8.7	1761
630	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	14.3	1761
630	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.8	1761
630	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	16.7	1761
630	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	16.3	1761
630	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	4.7	0.0	0.0	5.6	1761
630	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.9	57.7	-3.0	0.0	0.0	4.7	0.0	0.0	-45.4	1761
630	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.9	205.8	-3.0	0.0	0.0	4.7	0.0	0.0	-215.3	1761

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
632	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	1415
632	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1415
632	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1415

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
632	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1415
632	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1415
632	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1415
632	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	74.0	46.4	-3.0	0.0	0.0	0.0	0.0	0.0	-29.9	1415
632	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	74.0	165.4	-3.0	0.0	0.0	0.0	0.0	0.0	-163.2	1415

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
634	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2573
634	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2573
634	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2573
634	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.2	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2573
634	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2573
634	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.2	24.9	-3.0	0.0	0.0	0.0	0.0	0.0	-4.3	2573
634	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.2	84.3	-3.0	0.0	0.0	0.0	0.0	0.0	-74.7	2573
634	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.2	300.7	-3.0	0.0	0.0	0.0	0.0	0.0	-305.1	2573

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
636	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2242
636	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2242
636	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2242
636	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2242
636	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2242
636	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.0	21.7	-3.0	0.0	0.0	0.0	0.0	0.0	1.8	2242
636	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	78.0	73.5	-3.0	0.0	0.0	0.0	0.0	0.0	-54.9	2242
636	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	78.0	262.1	-3.0	0.0	0.0	0.0	0.0	0.0	-260.3	2242

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
646	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2757
646	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2757
646	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2757
646	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2757
646	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2757
646	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.8	26.6	-3.0	0.0	0.0	0.0	0.0	0.0	-6.6	2757
646	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.8	90.3	-3.0	0.0	0.0	0.0	0.0	0.0	-81.3	2757
646	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.8	322.2	-3.0	0.0	0.0	0.0	0.0	0.0	-327.2	2757

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
651	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	3038
651	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3038
651	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	3038
651	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	3038
651	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.

Immissionspunkt
Bez.: IP38/2 Marbecker Straße 105
ID:
X: 32354862.59 m
Y: 5740342.67 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
643	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	63.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	423
643	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	63.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.7	423
643	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	63.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	35.8	423
643	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	63.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	37.1	423
643	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	63.5	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	38.6	423
643	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	63.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.7	423
643	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	63.5	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	423
643	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	63.5	49.4	-3.0	0.0	0.0	0.0	0.0	0.0	-41.1	423

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
644	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	692
644	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	692
644	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	692
644	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.9	692
644	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	692
644	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	692
644	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	67.8	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	1.5	692
644	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	67.8	80.9	-3.0	0.0	0.0	0.0	0.0	0.0	-78.3	692

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
645	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1141
645	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1141
645	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1141
645	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1141
645	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	72.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1141
645	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1141
645	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	72.1	37.4	-3.0	0.0	0.0	0.0	0.0	0.0	-14.2	1141
645	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	72.1	133.3	-3.0	0.0	0.0	0.0	0.0	0.0	-121.8	1141

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
648	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1713
648	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1713
648	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1713
648	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1713
648	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.5	1713
648	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	1713
648	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	75.7	56.1	-3.0	0.0	0.0	0.0	0.0	0.0	-38.9	1713
648	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	75.7	200.2	-3.0	0.0	0.0	0.0	0.0	0.0	-204.8	1713

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
650	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1372
650	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1372
650	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1372

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
650	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.1	1372
650	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1372
650	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	73.7	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1372
650	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	73.7	45.0	-3.0	0.0	0.0	0.0	0.0	0.0	-28.2	1372
650	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	73.7	160.4	-3.0	0.0	0.0	0.0	0.0	0.0	-157.9	1372

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
654	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2521
654	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2521
654	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2521
654	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.0	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2521
654	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2521
654	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.0	24.4	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6	2521
654	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.0	82.6	-3.0	0.0	0.0	0.0	0.0	0.0	-72.8	2521
654	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.0	294.6	-3.0	0.0	0.0	0.0	0.0	0.0	-298.9	2521

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
656	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2195
656	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2195
656	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2195
656	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2195
656	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2195
656	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.8	21.2	-3.0	0.0	0.0	0.0	0.0	0.0	2.5	2195
656	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.8	71.9	-3.0	0.0	0.0	0.0	0.0	0.0	-53.2	2195
656	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.8	256.6	-3.0	0.0	0.0	0.0	0.0	0.0	-254.6	2195

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
658	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2712
658	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2712
658	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2712
658	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.7	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2712
658	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.7	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2712
658	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.7	26.2	-3.0	0.0	0.0	0.0	0.0	0.0	-6.1	2712
658	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.7	88.9	-3.0	0.0	0.0	0.0	0.0	0.0	-79.7	2712
658	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.7	317.0	-3.0	0.0	0.0	0.0	0.0	0.0	-321.8	2712

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
672	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2999
672	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2999
672	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2999
672	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2999
672	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.5	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2999
672	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.5	29.0	-3.0	0.0	0.0	0.0	0.0	0.0	-9.7	2999
672	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.5	98.3	-3.0	0.0	0.0	0.0	0.0	0.0	-90.0	2999
672	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.5	350.6	-3.0	0.0	0.0	0.0	0.0	0.0	-356.3	2999

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
674	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2359
674	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2359
674	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2359
674	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.5	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2359

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
674	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.5	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2359
674	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.5	22.8	-3.0	0.0	0.0	0.0	0.0	0.0	-6.2	2359
674	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.5	77.3	-3.0	0.0	0.0	0.0	0.0	0.0	-68.9	2359
674	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.5	275.7	-3.0	0.0	0.0	0.0	0.0	0.0	-282.3	2359

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
688	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2544
688	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2544
688	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2544
688	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2544
688	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2544
688	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.1	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-8.6	2544
688	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.1	83.4	-3.0	0.0	0.0	0.0	0.0	0.0	-75.6	2544
688	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.1	297.3	-3.0	0.0	0.0	0.0	0.0	0.0	-304.5	2544

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
691	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2638
691	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2638
691	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2638
691	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2638
691	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2638
691	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.4	25.5	-3.0	0.0	0.0	0.0	0.0	0.0	-9.8	2638
691	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.4	86.4	-3.0	0.0	0.0	0.0	0.0	0.0	-79.0	2638
691	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.4	308.3	-3.0	0.0	0.0	0.0	0.0	0.0	-315.9	2638

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
759	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
660	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	19.9	0.0	0.0	6.9	1104
660	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	20.0	0.0	0.0	7.5	1104
660	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	20.0	0.0	0.0	0.8	1104
660	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.9	36.2	-3.0	0.0	0.0	20.0	0.0	0.0	-35.1	1104
660	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.9	129.0	-3.0	0.0	0.0	20.0	0.0	0.0	-149.8	1104

Punktquelle nach ISO 9613, Bez: ""Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
662	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	10.2	0.0	0.0	4.7	1342
662	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	12.5	0.0	0.0	7.5	1342
662	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	15.2	0.0	0.0	6.5	1342
662	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	18.0	0.0	0.0	4.8	1342
662	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	20.0	0.0	0.0	2.0	1342
662	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	20.0	0.0	0.0	-5.0	1342
662	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	73.6	44.0	-3.0	0.0	0.0	20.0	0.0	0.0	-40.9	1342
662	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	73.6	156.8	-3.0	0.0	0.0	20.0	0.0	0.0	-170.6	1342

Punktquelle nach ISO 9613, Bez: ""Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
663	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	11.2	0.0	0.0	4.0	1602
663	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	13.7	0.0	0.0	7.1	1602
663	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	16.4	0.0	0.0	6.0	1602
663	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	19.3	0.0	0.0	4.5	1602
663	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	20.0	0.0	0.0	2.7	1602
663	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.1	15.5	-3.0	0.0	0.0	20.0	0.0	0.0	-10.8	1602
663	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.1	52.5	-3.0	0.0	0.0	20.0	0.0	0.0	-58.8	1602
663	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.1	187.2	-3.0	0.0	0.0	20.0	0.0	0.0	-207.5	1602

Punktquelle nach ISO 9613, Bez: ""Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
664	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	8.9	0.0	0.0	4.9	1888
664	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	10.9	0.0	0.0	8.3	1888
664	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	13.4	0.0	0.0	7.3	1888
664	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	16.1	0.0	0.0	5.7	1888
664	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	18.9	0.0	0.0	1.3	1888
664	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.5	18.2	-3.0	0.0	0.0	20.0	0.0	0.0	-15.0	1888
664	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.5	61.9	-3.0	0.0	0.0	20.0	0.0	0.0	-69.6	1888
664	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.5	220.6	-3.0	0.0	0.0	20.0	0.0	0.0	-242.4	1888

Punktquelle nach ISO 9613, Bez: ""Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
666	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	8.2	0.0	0.0	6.3	1546
666	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	10.0	0.0	0.0	11.1	1546
666	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	12.3	0.0	0.0	10.8	1546
666	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	14.9	0.0	0.0	6.1	1546
666	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	17.7	0.0	0.0	0.0	1546
666	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.8	14.9	-3.0	0.0	0.0	20.0	0.0	0.0	-14.6	1546
666	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.8	50.7	-3.0	0.0	0.0	20.0	0.0	0.0	-58.5	1546
666	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.8	180.7	-3.0	0.0	0.0	20.0	0.0	0.0	-203.5	1546

Punktquelle nach ISO 9613, Bez: ""Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
668	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2266
668	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2266
668	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2266
668	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2266

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
668	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2266
668	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.1	21.9	-3.0	0.0	0.0	0.0	0.0	0.0	-0.2	2266
668	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.1	74.2	-3.0	0.0	0.0	0.0	0.0	0.0	-63.5	2266
668	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.1	264.8	-3.0	0.0	0.0	0.0	0.0	0.0	-268.1	2266

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
675	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	11.3	0.0	0.0	2.7	1625
675	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	13.8	0.0	0.0	6.9	1625
675	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	16.5	0.0	0.0	6.1	1625
675	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	19.4	0.0	0.0	1.1	1625
675	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	20.0	0.0	0.0	-3.0	1625
675	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	20.0	0.0	0.0	-15.8	1625
675	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.2	53.2	-3.0	0.0	0.0	20.0	0.0	0.0	-61.6	1625
675	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.2	189.9	-3.0	0.0	0.0	20.0	0.0	0.0	-213.2	1625

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
677	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	11.0	0.0	0.0	2.4	1732
677	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	13.4	0.0	0.0	6.6	1732
677	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	16.1	0.0	0.0	5.8	1732
677	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.8	3.3	-3.0	0.0	0.0	19.0	0.0	0.0	0.7	1732
677	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.8	6.3	-3.0	0.0	0.0	20.0	0.0	0.0	-3.9	1732
677	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.8	16.7	-3.0	0.0	0.0	20.0	0.0	0.0	-17.4	1732
677	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.8	56.8	-3.0	0.0	0.0	20.0	0.0	0.0	-65.6	1732
677	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.8	202.4	-3.0	0.0	0.0	20.0	0.0	0.0	-226.3	1732

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
678	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.3	0.2	-3.0	0.0	0.0	10.6	0.0	0.0	2.3	1841
678	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.3	0.8	-3.0	0.0	0.0	12.9	0.0	0.0	6.5	1841
678	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.3	1.9	-3.0	0.0	0.0	15.6	0.0	0.0	5.7	1841
678	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.3	3.5	-3.0	0.0	0.0	18.4	0.0	0.0	0.5	1841
678	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.3	6.7	-3.0	0.0	0.0	20.0	0.0	0.0	-4.8	1841
678	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.3	17.8	-3.0	0.0	0.0	20.0	0.0	0.0	-19.0	1841
678	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.3	60.3	-3.0	0.0	0.0	20.0	0.0	0.0	-69.7	1841
678	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.3	215.1	-3.0	0.0	0.0	20.0	0.0	0.0	-239.5	1841

Immissionspunkt
Bez.: IP40 Kips Esch 3
ID:
X: 32356200.84 m
Y: 5740065.27 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
665	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	65.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	557
665	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	65.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	557
665	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	65.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	557
665	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	65.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	31.5	557
665	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	65.9	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	557
665	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	65.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.1	557
665	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	65.9	18.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.3	557
665	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	65.9	65.1	-3.0	0.0	0.0	0.0	0.0	0.0	-54.8	557

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
667	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	69.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	857
667	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	69.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	857
667	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	69.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	857
667	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	69.7	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	857
667	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	69.7	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	857
667	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	69.7	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	857
667	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	69.7	28.1	-3.0	0.0	0.0	0.0	0.0	0.0	-5.7	857
667	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	69.7	100.2	-3.0	0.0	0.0	0.0	0.0	0.0	-99.4	857

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
669	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	8.8	1003
669	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	12.3	0.0	0.0	12.7	1003
669	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	14.9	0.0	0.0	12.8	1003
669	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	17.7	0.0	0.0	10.7	1003
669	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	20.0	0.0	0.0	9.0	1003
669	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	20.0	0.0	0.0	2.6	1003
669	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	71.0	32.9	-3.0	0.0	0.0	20.0	0.0	0.0	-30.3	1003
669	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	71.0	117.2	-3.0	0.0	0.0	20.0	0.0	0.0	-136.4	1003

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
671	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	10.4	0.0	0.0	7.7	1042
671	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	12.7	0.0	0.0	11.2	1042
671	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	15.4	0.0	0.0	11.5	1042
671	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	18.2	0.0	0.0	9.3	1042
671	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	20.0	0.0	0.0	8.2	1042
671	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.4	10.1	-3.0	0.0	0.0	20.0	0.0	0.0	1.9	1042
671

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
696	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1180
696	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	1180
696	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	0.0	0.0	0.0	-24.2	1180
696	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.4	137.9	-3.0	0.0	0.0	0.0	0.0	0.0	-138.5	1180

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
699	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1292
699	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1292
699	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1292
699	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1292
699	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1292
699	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	1292
699	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.2	42.3	-3.0	0.0	0.0	0.0	0.0	0.0	-28.6	1292
699	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.2	151.0	-3.0	0.0	0.0	0.0	0.0	0.0	-152.3	1292

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
702	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1936
702	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1936
702	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1936
702	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1936
702	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.7	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1936
702	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.7	18.7	-3.0	0.0	0.0	0.0	0.0	0.0	4.4	1936
702	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.7	63.4	-3.0	0.0	0.0	0.0	0.0	0.0	-51.4	1936
702	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.7	226.3	-3.0	0.0	0.0	0.0	0.0	0.0	-228.2	1936

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
708	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	1416
708	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1416
708	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1416
708	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1416
708	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1416
708	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.0	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	1416
708	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.0	46.4	-3.0	0.0	0.0	0.0	0.0	0.0	-33.5	1416
708	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.0	165.6	-3.0	0.0	0.0	0.0	0.0	0.0	-167.7	1416

Immissionspunkt
Bez.: IP41 Kips Esch 26
ID:
X: 32356443.09 m
Y: 5739965.82 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
679	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	66.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	619
679	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	66.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	619
679	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	66.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	619
679	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	66.8	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	619
679	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	66.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	31.7	619
679	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	66.8	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	619
679	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	66.8	20.3	-3.0	0.0	0.0	0.0	0.0	0.0	3.4	619
679	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	66.8	72.4	-3.0	0.0	0.0	0.0	0.0	0.0	-63.0	619

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
680	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	68.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	728
680	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	68.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	728
680	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	728
680	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	68.2	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.3	728
680	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	68.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	728
680	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.2	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	728
680	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	68.2	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.5	728
680	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	68.2	85.0	-3.0	0.0	0.0	0.0	0.0	0.0	-73.5	728

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
681	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	919
681	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	919
681	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	919
681	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.9	919
681	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	919
681	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	919
681	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.3	30.1	-3.0	0.0	0.0	0.0	0.0	0.0	-11.6	919
681	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.3	107.4	-3.0	0.0	0.0	0.0	0.0	0.0	-102.8	919

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
684	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	11.8	0.0	0.0	5.7	1121
684	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	14.3	0.0	0.0	8.9	1121
684	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	17.1	0.0	0.0	9.1	1121
684	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	19.9	0.0	0.0	6.7	1121
684	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	20.0	0.0	0.0	7.3	1121
684	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.0	10.8	-3.0	0.0	0.0	20.0	0.0	0.0	0.5	1121
684	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	72.0	36.7	-3.0	0.0	0.0	20.0	0.0	0.0	-35.8	1121
684	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	72.0	131.0	-3.0	0.0	0.0	20.0	0.0	0.0	-151.9	1121

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
686	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1082
686	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1082
686	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.4	1082

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
686	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1082
686	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	1082
686	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1082
686	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	71.7	35.5	-3.0	0.0	0.0	0.0	0.0	0.0	-15.2	1082
686	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	71.7	126.5	-3.0	0.0	0.0	0.0	0.0	0.0	-127.8	1082

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
689	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	10.9	0.0	0.0	5.9	1261
689	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	13.3	0.0	0.0	9.6	1261
689	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	16.0	0.0	0.0	9.5	1261
689	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	18.8	0.0	0.0	7.1	1261
689	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	20.0	0.0	0.0	6.1	1261
689	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	20.0	0.0	0.0	-1.9	1261
689	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	73.0	41.3	-3.0	0.0	0.0	20.0	0.0	0.0	-40.7	1261
689	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	73.0	147.4	-3.0	0.0	0.0	20.0	0.0	0.0	-168.6	1261

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
692	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	72.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1156
692	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	72.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1156
692	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	72.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1156
692	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	72.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1156
692	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	72.3	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	1156
692	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.3	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1156
692	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	72.3	37.9	-3.0	0.0	0.0	0.0	0.0	0.0	-14.8	1156
692	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	72.3	135.1	-3.0	0.0	0.0	0.0	0.0	0.0	-123.7	1156

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
694	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	1278
694	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1278
694	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1278
694	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.1	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	1278
694	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	1278
694	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.1	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1278
694	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.1	41.9	-3.0	0.0	0.0	0.0	0.0	0.0	-26.2	1278
694	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.1	149.4	-3.0	0.0	0.0	0.0	0.0	0.0	-147.7	1278

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
698	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	922
698	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	922
698	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	922
698	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	922
698	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	70.3	3.4	-

Immissionspunkt
Bez.: IP42/1 Rhader Straße 22
ID:
X: 32356061.41 m
Y: 5739770.37 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
690	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	59.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	30.1	260
690	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	59.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	34.7	260
690	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	59.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	35.7	260
690	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	59.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	38.7	260
690	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	59.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	40.6	260
690	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	59.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	39.6	260
690	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	59.3	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	260
690	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	59.3	30.4	-3.0	0.0	0.0	0.0	0.0	0.0	-13.4	260

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
693	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	68.1	0.1	-3.0	0.0	0.0	2.7	0.0	0.0	18.3	718
693	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	68.1	0.3	-3.0	0.0	0.0	3.3	0.0	0.0	23.0	718
693	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	68.1	0.7	-3.0	0.0	0.0	4.0	0.0	0.0	25.3	718
693	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	68.1	1.4	-3.0	0.0	0.0	4.9	0.0	0.0	25.6	718
693	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	68.1	2.6	-3.0	0.0	0.0	6.1	0.0	0.0	26.3	718
693	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	68.1	6.9	-3.0	0.0	0.0	7.5	0.0	0.0	20.8	718
693	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	68.1	23.5	-3.0	0.0	0.0	9.4	0.0	0.0	-9.1	718
693	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	68.1	83.9	-3.0	0.0	0.0	11.4	0.0	0.0	-93.1	718

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
695	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	734
695	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	734
695	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	734
695	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	734
695	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	734
695	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	734
695	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	68.3	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	2.9	734
695	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	68.3	85.8	-3.0	0.0	0.0	0.0	0.0	0.0	-70.4	734

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
697	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	8.6	0.0	0.0	10.2	1007
697	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	10.5	0.0	0.0	14.4	1007
697	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	12.9	0.0	0.0	14.8	1007
697	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	71.1	1.9	-3.0	0.0	0.0	15.6	0.0	0.0	12.8	1007
697	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	18.4	0.0	0.0	10.5	1007
697	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.1	9.7	-3.0	0.0	0.0	20.0	0.0	0.0	2.5	1007
697	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	71.1	33.0	-3.0	0.0	0.0	20.0	0.0	0.0	-30.5	1007
697	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	71.1	117.7	-3.0	0.0	0.0	20.0	0.0	0.0	-137.0	1007

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
700	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	876
700	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	876
700	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	876

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
700	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	876
700	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	876
700	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	69.8	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	876
700	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	69.8	28.7	-3.0	0.0	0.0	0.0	0.0	0.0	-1.9	876
700	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	69.8	102.4	-3.0	0.0	0.0	0.0	0.0	0.0	-92.4	876

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
703	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	8.8	0.0	0.0	7.0	1357
703	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	10.8	0.0	0.0	10.7	1357
703	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	13.3	0.0	0.0	11.0	1357
703	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	15.9	0.0	0.0	8.6	1357
703	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	18.8	0.0	0.0	6.0	1357
703	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.7	13.1	-3.0	0.0	0.0	20.0	0.0	0.0	-3.5	1357
703	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	73.7	44.5	-3.0	0.0	0.0	20.0	0.0	0.0	-45.2	1357
703	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	73.7	158.6	-3.0	0.0	0.0	20.0	0.0	0.0	-181.2	1357

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
705	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	5.9	0.0	0.0	11.1	1310
705	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	6.8	0.0	0.0	15.9	1310
705	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	8.1	0.0	0.0	16.4	1310
705	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	10.0	0.0	0.0	16.0	1310
705	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	12.3	0.0	0.0	13.2	1310
705	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.3	12.7	-3.0	0.0	0.0	14.9	0.0	0.0	-1.1	1310
705	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.3	42.9	-3.0	0.0	0.0	17.7	0.0	0.0	-45.2	1310
705	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.3	153.2	-3.0	0.0	0.0	20.0	0.0	0.0	-171.7	1310

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
707	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1402
707	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1402
707	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.9	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1402
707	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.9	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	1402
707	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.9	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1402
707	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.9	13.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	1402
707	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.9	45.9	-3.0	0.0	0.0	0.0	0.0	0.0	-31.1	1402
707	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.9	163.8	-3.0	0.0	0.0	0.0	0.0	0.0	-162.9	1402

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
709	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1052
709	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1052
709	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1052
709	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.3	1052
709	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1052
709	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.4	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1052
709	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.4	34.5	-3.0	0.0	0.0	0.0	0.0	0.0	-19.0	1052
709	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.4	123.0	-3.0	0.0	0.0	0.0	0.0	0.0	-122.6	1052

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
710	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	1762
710	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1762
710	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1762
710	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1762

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
710	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1762
710	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.9	1762
710	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.9	57.7	-3.0	0.0	0.0	0.0	0.0	0.0	-44.8	1762
710	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.9	205.9	-3.0	0.0	0.0	0.0	0.0	0.0	-207.0	1762

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
712	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1283
712	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1283
712	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1283
712	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1283
712	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1283
712	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.2	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	1283
712	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.2	42.0	-3.0	0.0	0.0	0.0	0.0	0.0	-28.3	1283
712	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.2	149.9	-3.0	0.0	0.0	0.0	0.0	0.0	-151.2	1283

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
714	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1332
714	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1332
714	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1332
714	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	1332
714	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1332
714	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.7	1332
714	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.5	43.7	-3.0	0.0	0.0	0.0	0.0	0.0	-30.3	1332
714	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.5	155.7	-3.0	0.0	0.0	0.0	0.0	0.0	-157.3	1332

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
715	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.9	0.2	-3.0	0.0	0.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
734	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	69.9	1.7	-3.0	0.0	0.0	14.9	0.0	0.0	12.3	885
734	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	69.9	3.2	-3.0	0.0	0.0	17.8	0.0	0.0	9.5	885
734	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	69.9	8.6	-3.0	0.0	0.0	19.2	0.0	0.0	3.8	885
734	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	69.9	29.0	-3.0	0.0	0.0	19.6	0.0	0.0	-21.9	885
734	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	69.9	103.5	-3.0	0.0	0.0	19.8	0.0	0.0	-113.4	885

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
737	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	7.2	0.0	0.0	8.6	1349
737	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	8.8	0.0	0.0	12.8	1349
737	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	10.8	0.0	0.0	13.5	1349
737	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	13.2	0.0	0.0	11.4	1349
737	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	15.9	0.0	0.0	9.0	1349
737	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	18.8	0.0	0.0	-2.1	1349
737	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	73.6	44.2	-3.0	0.0	0.0	20.0	0.0	0.0	-44.9	1349
737	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	73.6	157.6	-3.0	0.0	0.0	20.0	0.0	0.0	-180.1	1349

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
743	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	8.9	0.0	0.0	8.1	1314
743	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	11.0	0.0	0.0	11.6	1314
743	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	13.4	0.0	0.0	11.0	1314
743	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.4	2.5	-3.0	0.0	0.0	16.1	0.0	0.0	9.9	1314
743	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	19.0	0.0	0.0	6.5	1314
743	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	20.0	0.0	0.0	-6.3	1314
743	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.4	43.1	-3.0	0.0	0.0	20.0	0.0	0.0	-47.7	1314
743	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.4	153.6	-3.0	0.0	0.0	20.0	0.0	0.0	-172.2	1314

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
745	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.0	0.2	-3.0	0.0	0.0	8.7	0.0	0.0	7.7	1412
745	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.0	0.6	-3.0	0.0	0.0	10.6	0.0	0.0	11.3	1412
745	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.0	1.5	-3.0	0.0	0.0	13.1	0.0	0.0	10.7	1412
745	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.0	2.7	-3.0	0.0	0.0	15.7	0.0	0.0	9.4	1412
745	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.0	5.2	-3.0	0.0	0.0	18.6	0.0	0.0	5.9	1412
745	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.0	13.6	-3.0	0.0	0.0	20.0	0.0	0.0	-7.8	1412
745	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.0	46.3	-3.0	0.0	0.0	20.0	0.0	0.0	-51.5	1412
745	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.0	165.1	-3.0	0.0	0.0	20.0	0.0	0.0	-184.3	1412

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
747	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	9.1	0.0	0.0	8.6	1063
747	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	11.2	0.0	0.0	13.3	1063
747	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	13.7	0.0	0.0	13.2	1063
747	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.5	2.1	-3.0	0.0	0.0	16.4	0.0	0.0	8.8	1063
747	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	19.2	0.0	0.0	3.5	1063
747	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.5	10.3	-3.0	0.0	0.0	20.0	0.0	0.0	-6.7	1063
747	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.5	34.8	-3.0	0.0	0.0	20.0	0.0	0.0	-39.5	1063
747	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.5	124.3	-3.0	0.0	0.0	20.0	0.0	0.0	-143.9	1063

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
751	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	8.1	0.0	0.0	6.2	1773
751	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	9.9	0.0	0.0	9.9	1773
751	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	12.2	0.0	0.0	9.1	1773
751	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	14.8	0.0	0.0	7.7	1773

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
751	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	17.6	0.0	0.0	3.5	1773
751	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.0	17.1	-3.0	0.0	0.0	20.0	0.0	0.0	-13.3	1773
751	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.0	58.1	-3.0	0.0	0.0	20.0	0.0	0.0	-65.3	1773
751	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.0	207.3	-3.0	0.0	0.0	20.0	0.0	0.0	-228.4	1773

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
753	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	9.1	0.0	0.0	6.9	1288
753	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	11.2	0.0	0.0	11.6	1288
753	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	13.7	0.0	0.0	11.3	1288
753	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	16.4	0.0	0.0	6.7	1288
753	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	19.3	0.0	0.0	1.0	1288
753	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	20.0	0.0	0.0	-10.6	1288
753	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.2	42.2	-3.0	0.0	0.0	20.0	0.0	0.0	-48.5	1288
753	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.2	150.6	-3.0	0.0	0.0	20.0	0.0	0.0	-171.9	1288

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
755	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	9.0	0.0	0.0	6.6	1340
755	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.5	0.6	-3.0	0.0	0.0	11.1	0.0	0.0	11.3	1340
755	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	13.6	0.0	0.0	10.9	1340
755	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	16.3	0.0	0.0	6.3	1340
755	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	19.2	0.0	0.0	0.6	1340
755	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	20.0	0.0	0.0	-11.4	1340
755	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.5	43.9	-3.0	0.0	0.0	20.0	0.0	0.0	-50.5	1340
755	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.5	156.6	-3.0	0.0	0.0	20.0	0.0	0.0	-178.2	1340

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
757	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.9	0.2	-3.0	0.0	0.0	8.9	0.0	0.0	6.3	1404
757	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.9	0.6	-3.0	0.0	0.0	11.0	0.0	0.0	11.0	1404
757	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.9	1.5	-3.0	0.0	0.0	13.5	0.0	0.0	10.6	1404
757	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.9	2.7	-3.0	0.0	0.0	16.2	0.0	0.0	6.0	1404
757	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.9	5.1	-3.0	0.0	0.0	19.0	0.0	0.0	0.1	1404
757	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.9	13.6	-3.0	0.0	0.0	20.0	0.0	0.0	-12.4	1404
757	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.9	46.0	-3.0	0.0	0.0	20.0	0.0	0.0	-53.1	1404
757	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.9	164.1	-3.0	0.0	0.0	20.0	0.0	0.0	-186.2	1404

Immissionspunkt
Bez.: IP43 Marbecker Straße 101
ID:
X: 32354736.57 m
Y: 5740444.28 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
716	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	65.8	0.1	-3.0	0.0	0.0	6.0	0.0	0.0	24.1	549
716	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	65.8	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	30.4	549
716	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	65.8	0.6	-3.0	0.0	0.0	9.8	0.0	0.0	33.4	549
716	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	65.8	1.1	-3.0	0.0	0.0	12.0	0.0	0.0	34.5	549
716	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	65.8	2.0	-3.0	0.0	0.0	14.9	0.0	0.0	35.9	549
716	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	65.8	5.3	-3.0	0.0	0.0	17.8	0.0	0.0	32.2	549
716	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	65.8	18.0	-3.0	0.0	0.0	20.0	0.0	0.0	9.8	549
716	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	65.8	64.2	-3.0	0.0	0.0	20.0	0.0	0.0	-58.2	549

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
717	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	69.6	0.1	-3.0	0.0	0.0	6.0	0.0	0.0	19.5	851
717	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	69.6	0.3	-3.0	0.0	0.0	7.9	0.0	0.0	24.8	851
717	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	69.6	0.9	-3.0	0.0	0.0	9.8	0.0	0.0	27.7	851
717	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	69.6	1.6	-3.0	0.0	0.0	12.0	0.0	0.0	28.8	851
717	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	69.6	3.1	-3.0	0.0	0.0	14.9	0.0	0.0	30.4	851
717	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	69.6	8.2	-3.0	0.0	0.0	17.8	0.0	0.0	25.6	851
717	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	69.6	27.9	-3.0	0.0	0.0	20.0	0.0	0.0	-5.5	851
717	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	69.6	99.4	-3.0	0.0	0.0	20.0	0.0	0.0	-98.6	851

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
718	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	7.0	0.0	0.0	17.2	1293
718	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	8.8	0.0	0.0	22.5	1293
718	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	10.6	0.0	0.0	23.3	1293
718	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	12.4	0.0	0.0	23.4	1293
718	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	15.0	0.0	0.0	25.3	1293
718	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	17.8	0.0	0.0	15.8	1293
718	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	73.2	42.4	-3.0	0.0	0.0	20.0	0.0	0.0	-20.3	1293
718	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	73.2	151.2	-3.0	0.0	0.0	20.0	0.0	0.0	-140.7	1293

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
720	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	7.0	0.0	0.0	13.3	1789
720	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	8.8	0.0	0.0	18.9	1789
720	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	10.6	0.0	0.0	21.4	1789
720	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	76.1	3.4	-3.0	0.0	0.0	12.4	0.0	0.0	21.3	1789
720	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	76.1	6.5	-3.0	0.0	0.0	15.4	0.0	0.0	20.8	1789
720	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.1	17.3	-3.0	0.0	0.0	18.2	0.0	0.0	10.0	1789
720	32356403.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
740	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	4.5	0.0	0.0	5.5	2520
740	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	4.1	0.0	0.0	-12.4	2520
740	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.0	82.6	-3.0	0.0	0.0	3.4	0.0	0.0	-78.1	2520
740	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.0	294.5	-3.0	0.0	0.0	1.3	0.0	0.0	-302.9	2520

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
742	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2690
742	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2690
742	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2690
742	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2690
742	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2690
742	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-10.5	2690
742	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.6	88.2	-3.0	0.0	0.0	0.0	0.0	0.0	-80.8	2690
742	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.6	314.4	-3.0	0.0	0.0	0.0	0.0	0.0	-322.1	2690

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
744	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2790
744	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2790
744	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2790
744	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2790
744	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	2790
744	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.9	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	-11.8	2790
744	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.9	91.4	-3.0	0.0	0.0	0.0	0.0	0.0	-84.4	2790
744	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.9	326.1	-3.0	0.0	0.0	0.0	0.0	0.0	-334.1	2790

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
749	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	2878
749	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2878
749	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.2	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2878
749	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.2	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2878
749	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.2	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.5	2878
749	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.2	27.8	-3.0	0.0	0.0	0.0	0.0	0.0	-12.9	2878
749	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.2	94.3	-3.0	0.0	0.0	0.0	0.0	0.0	-87.6	2878
749	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.2	336.3	-3.0	0.0	0.0	0.0	0.0	0.0	-344.6	2878

Immissionspunkt
Bez.: IP44 Helle 20/20a
ID:
X: 32355258.23 m
Y: 5740832.37 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
719	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	65.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	510
719	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	65.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.0	510
719	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	65.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	34.1	510
719	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	65.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	510
719	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	65.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	36.7	510
719	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	65.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	33.2	510
719	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	65.1	16.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	510
719	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	65.1	59.6	-3.0	0.0	0.0	0.0	0.0	0.0	-52.9	510

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
721	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	948
721	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	948
721	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	948
721	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	948
721	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	70.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	948
721	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	70.5	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	948
721	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	70.5	31.1	-3.0	0.0	0.0	0.0	0.0	0.0	-9.6	948
721	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	70.5	110.8	-3.0	0.0	0.0	0.0	0.0	0.0	-110.9	948

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
723	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	8.3	0.0	0.0	8.7	1181
723	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	10.3	0.0	0.0	12.5	1181
723	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	12.6	0.0	0.0	13.0	1181
723	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	15.2	0.0	0.0	10.8	1181
723	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	18.1	0.0	0.0	8.6	1181
723	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	20.0	0.0	0.0	-0.6	1181
723	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	20.0	0.0	0.0	-38.3	1181
723	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	72.4	138.0	-3.0	0.0	0.0	20.0	0.0	0.0	-159.4	1181

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
725	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1472
725	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1472
725	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.4	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1472
725	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1472
725	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.4	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1472
725	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.4	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	1472
725	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.4	48.2	-3.0	0.0	0.0	0.0	0.0	0.0	-27.3	1472
725	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.4	172.1	-3.0	0.0	0.0	0.0	0.0	0.0	-162.7	1472

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
727	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1463
727	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1463
727	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1463

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
727	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1463
727	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1463
727	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1463
727	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	74.3	47.9	-3.0	0.0	0.0	0.0	0.0	0.0	-31.7	1463
727	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	74.3	170.9	-3.0	0.0	0.0	0.0	0.0	0.0	-169.0	1463

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
729	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2271
729	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2271
729	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2271
729	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2271
729	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2271
729	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.1	21.9	-3.0	0.0	0.0	0.0	0.0	0.0	-0.3	2271
729	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.1	74.4	-3.0	0.0	0.0	0.0	0.0	0.0	-63.7	2271
729	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.1	265.4	-3.0	0.0	0.0	0.0	0.0	0.0	-268.8	2271

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
731	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2150
731	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2150
731	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2150
731	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2150
731	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.6	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2150
731	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.6	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	3.1	2150
731	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.6	70.5	-3.0	0.0	0.0	0.0	0.0	0.0	-51.5	2150
731	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.6	251.3	-3.0	0.0	0.0	0.0	0.0	0.0	-249.1	2150

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
733	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2704
733	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2704
733	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2704
733	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2704
733	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.6	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2704
733	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.6	26.1	-3.0	0.0	0.0	0.0	0.0	0.0	-6.0	2704
733	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.6	88.6	-3.0	0.0	0.0	0.0	0.0	0.0	-79.5	2704
733	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.6	316.1	-3.0	0.0	0.0	0.0	0.0	0.0	-320.9	2704

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
736	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.3	3091
736	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3091
736	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	3091
736	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.8	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	3091
736	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.8	11.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	3091
736	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.8	29.9	-3.0	0.0	0.0	0.0	0.0	0.0	-10.9	3091
736	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.8	101.3	-3.0	0.0	0.0	0.0	0.0	0.0	-93.3	3091
736

Immissionspunkt
Bez.: IP45/1 Helle 24
ID:
X: 32355459.74 m
Y: 5740860.10 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
750	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	66.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	575
750	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	66.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	575
750	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	66.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.0	575
750	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	66.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	34.1	575
750	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	66.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.4	575
750	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	66.2	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	31.5	575
750	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	66.2	18.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	575
750	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	66.2	67.2	-3.0	0.0	0.0	0.0	0.0	0.0	-61.6	575

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
752	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	5.3	0.0	0.0	13.3	981
752	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	7.0	0.0	0.0	17.4	981
752	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	9.1	0.0	0.0	18.3	981
752	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	11.5	0.0	0.0	16.5	981
752	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	13.7	0.0	0.0	15.2	981
752	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	70.8	9.5	-3.0	0.0	0.0	15.7	0.0	0.0	7.3	981
752	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	70.8	32.1	-3.0	0.0	0.0	17.3	0.0	0.0	-27.4	981
752	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	70.8	114.7	-3.0	0.0	0.0	18.4	0.0	0.0	-132.8	981

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
785	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	972
785	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	972
785	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	972
785	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	972
785	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	972
785	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	70.8	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	972
785	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	70.8	31.8	-3.0	0.0	0.0	0.0	0.0	0.0	-10.6	972
785	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	70.8	113.6	-3.0	0.0	0.0	0.0	0.0	0.0	-113.9	972

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
787	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1486
787	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1486
787	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.4	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1486
787	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.4	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1486
787	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.4	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1486
787	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.4	14.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1486
787	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.4	48.7	-3.0	0.0	0.0	0.0	0.0	0.0	-27.9	1486
787	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.4	173.7	-3.0	0.0	0.0	0.0	0.0	0.0	-164.5	1486

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
789	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	73.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	1399
789	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1399
789	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	73.9	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1399

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
789	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	73.9	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1399
789	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	73.9	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1399
789	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	73.9	13.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1399
789	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	73.9	45.8	-3.0	0.0	0.0	0.0	0.0	0.0	-29.3	1399
789	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	73.9	163.5	-3.0	0.0	0.0	0.0	0.0	0.0	-161.2	1399

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
791	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	2099
791	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2099
791	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	2099
791	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	2099
791	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.4	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2099
791	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.4	20.3	-3.0	0.0	0.0	0.0	0.0	0.0	2.1	2099
791	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.4	68.8	-3.0	0.0	0.0	0.0	0.0	0.0	-57.4	2099
791	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.4	245.3	-3.0	0.0	0.0	0.0	0.0	0.0	-247.9	2099

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
793	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2029
793	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2029
793	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2029
793	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2029
793	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2029
793	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.1	19.6	-3.0	0.0	0.0	0.0	0.0	0.0	4.7	2029
793	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.1	66.5	-3.0	0.0	0.0	0.0	0.0	0.0	-47.0	2029
793	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.1	237.1	-3.0	0.0	0.0	0.0	0.0	0.0	234.5	2029

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
796	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.9	0.0	0.0	10.0	2587
796	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2587
796	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2587
796	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2587
796	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2587
796	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.5	2587
796	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.3	84.8	-3.0	0.0	0.0	0.0	0.0	0.0	-75.2	2587
796	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.3	302.3	-3.0	0.0	0.0	0.0	0.0	0.0	306.8	2587

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
798	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2997
798	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2997
798	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2997
798	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2997
798	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.5	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2997
798	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.5	29.0	-3.0	0.0	0.0	0.0	0.0	0.0	-9.7	2997
798	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.5	98.2	-3.0	0.0	0.0	0.0	0.0	0.0	-90.0	2997
798	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.5	350.3	-3.0	0.0	0.0	0.0	0.0	0.0	356.1	2997

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
800	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2173
800	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2173
800	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	2173
800	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2173

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
800	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2173
800	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6	2173
800	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.7	71.2	-3.0	0.0	0.0	0.0	0.0	0.0	-62.0	2173
800	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.7	254.0	-3.0	0.0	0.0	0.0	0.0	0.0	-259.8	2173

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
806	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2258
806	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2258
806	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2258
806	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2258
806	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	2258
806	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.1	21.8	-3.0	0.0	0.0	0.0	0.0	0.0	-4.8	2258
806	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.1	74.0	-3.0	0.0	0.0	0.0	0.0	0.0	-65.2	2258
806	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.1	263.9	-3.0	0.0	0.0	0.0	0.0	0.0	-270.1	2258

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
809	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2334
809	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2334
809	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2334
809	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2334
809	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2334
809	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	-5.8	2334
809	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.4	76.5	-3.0	0.0	0.0	0.0	0.0	0.0	-68.0	2334
809	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.4	272.8	-3.0	0.0	0.0	0.0	0.0	0.0	-279.3	2334

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
811	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
761	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1466
761	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	74.3	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1466
761	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	74.3	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	1466
761	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	74.3	48.0	-3.0	0.0	0.0	0.0	0.0	0.0	-31.9	1466
761	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	74.3	171.4	-3.0	0.0	0.0	0.0	0.0	0.0	-169.5	1466

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
766	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	2101
766	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2101
766	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	2101
766	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.4	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	2101
766	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.4	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2101
766	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.4	20.3	-3.0	0.0	0.0	0.0	0.0	0.0	2.0	2101
766	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.4	68.8	-3.0	0.0	0.0	0.0	0.0	0.0	-57.5	2101
766	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.4	245.6	-3.0	0.0	0.0	0.0	0.0	0.0	-248.2	2101

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
769	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2068
769	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2068
769	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2068
769	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2068
769	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.3	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2068
769	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.3	20.0	-3.0	0.0	0.0	0.0	0.0	0.0	4.2	2068
769	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.3	67.8	-3.0	0.0	0.0	0.0	0.0	0.0	-48.5	2068
769	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.3	241.7	-3.0	0.0	0.0	0.0	0.0	0.0	-239.2	2068

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
771	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2627
771	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2627
771	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2627
771	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2627
771	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2627
771	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.4	25.4	-3.0	0.0	0.0	0.0	0.0	0.0	-5.0	2627
771	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.4	86.1	-3.0	0.0	0.0	0.0	0.0	0.0	-76.7	2627
771	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.4	307.0	-3.0	0.0	0.0	0.0	0.0	0.0	-311.6	2627

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
773	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2183
773	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2183
773	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	2183
773	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2183
773	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2183
773	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	-3.8	2183
773	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.8	71.5	-3.0	0.0	0.0	0.0	0.0	0.0	-62.4	2183
773	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.8	255.1	-3.0	0.0	0.0	0.0	0.0	0.0	-261.0	2183

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
774	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	1.3	0.0	0.0	8.2	3049
774	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3049
774	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	3049
774	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	3049

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
774	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	3049
774	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.7	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-10.3	3049
774	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.7	99.9	-3.0	0.0	0.0	0.0	0.0	0.0	-91.8	3049
774	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.7	356.4	-3.0	0.0	0.0	0.0	0.0	0.0	-362.3	3049

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
776	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2303
776	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2303
776	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2303
776	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2303
776	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2303
776	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.2	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	2303
776	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.2	75.5	-3.0	0.0	0.0	0.0	0.0	0.0	-66.8	2303
776	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.2	269.2	-3.0	0.0	0.0	0.0	0.0	0.0	-275.5	2303

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
778	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2353
778	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2353
778	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2353
778	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2353
778	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2353
778	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	-6.1	2353
778	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.4	77.1	-3.0	0.0	0.0	0.0	0.0	0.0	-68.6	2353
778	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.4	275.0	-3.0	0.0	0.0	0.0	0.0	0.0	281.5	2353

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
780	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2517
780	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2517
780	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2517
780	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.0	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2517
780	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2517
780	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	0.0	0.0	0.0	-8.2	2517
780	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.0	82.5	-3.0	0.0	0.0	0.0	0.0	0.0	-74.6	2517
780	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.0	294.2	-3.0	0.0	0.0	0.0	0.0	0.0	301.3	2517

Immissionspunkt
Bez.: IP46/1 Rhader Straße 16
ID:
X: 32355754.50 m
Y: 5740516.85 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
762	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	65.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	553
762	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	65.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	553
762	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	65.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.4	553
762	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	65.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	34.5	553
762	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	65.9	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	35.8	553
762	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	65.9	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	32.1	553
762	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	65.9	18.1	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	553
762	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	65.9	64.6	-3.0	0.0	0.0	0.0	0.0	0.0	-58.7	553

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
763	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	68.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	737
763	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	68.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	737
763	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	68.4	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	737
763	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	68.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	737
763	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	68.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.1	737
763	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	68.4	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	737
763	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	68.4	24.2	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	737
763	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	68.4	86.2	-3.0	0.0	0.0	0.0	0.0	0.0	-84.1	737

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
764	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	69.8	0.1	-3.0	0.0	0.0	8.0	0.0	0.0	11.7	870
764	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	69.8	0.4	-3.0	0.0	0.0	10.7	0.0	0.0	14.9	870
764	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	69.8	0.9	-3.0	0.0	0.0	13.5	0.0	0.0	15.1	870
764	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	69.8	1.7	-3.0	0.0	0.0	16.4	0.0	0.0	12.9	870
764	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	69.8	3.2	-3.0	0.0	0.0	18.8	0.0	0.0	11.6	870
764	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.8	8.4	-3.0	0.0	0.0	19.4	0.0	0.0	5.7	870
764	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	69.8	28.5	-3.0	0.0	0.0	19.7	0.0	0.0	-25.1	870
764	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	69.8	101.7	-3.0	0.0	0.0	19.8	0.0	0.0	-120.2	870

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
767	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	983
767	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	983
767	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	983
767	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.8	983
767	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	983
767	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.9	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	983
767	32355989.00	5739575.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
795	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.4	0.0	0.0	15.1	1807
795	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.1	17.5	-3.0	0.0	0.0	0.0	0.0	0.0	1.5	1807
795	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.1	59.2	-3.0	0.0	0.0	0.0	0.0	0.0	-48.4	1807
795	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.1	211.1	-3.0	0.0	0.0	0.0	0.0	0.0	-215.4	1807

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
802	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2549
802	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2549
802	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2549
802	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2549
802	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2549
802	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.1	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-4.0	2549
802	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.1	83.5	-3.0	0.0	0.0	0.0	0.0	0.0	-73.9	2549
802	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.1	298.0	-3.0	0.0	0.0	0.0	0.0	0.0	-302.3	2549

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
804	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.6	0.2	-3.0	0.0	0.0	7.3	0.0	0.0	5.3	1899
804	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.6	0.8	-3.0	0.0	0.0	8.9	0.0	0.0	10.3	1899
804	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.6	2.0	-3.0	0.0	0.0	10.9	0.0	0.0	10.0	1899
804	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.6	3.7	-3.0	0.0	0.0	13.4	0.0	0.0	5.2	1899
804	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.6	6.9	-3.0	0.0	0.0	16.1	0.0	0.0	-1.4	1899
804	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.6	18.4	-3.0	0.0	0.0	18.9	0.0	0.0	-18.8	1899
804	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.6	62.2	-3.0	0.0	0.0	20.0	0.0	0.0	-71.9	1899
804	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.6	222.0	-3.0	0.0	0.0	20.0	0.0	0.0	-246.7	1899

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
807	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	5.1	0.0	0.0	6.9	2044
807	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	5.3	0.0	0.0	13.1	2044
807	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	5.8	0.0	0.0	14.4	2044
807	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	6.6	0.0	0.0	11.0	2044
807	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.2	7.5	-3.0	0.0	0.0	7.9	0.0	0.0	5.6	2044
807	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.2	19.8	-3.0	0.0	0.0	9.7	0.0	0.0	-11.6	2044
807	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.2	67.0	-3.0	0.0	0.0	11.9	0.0	0.0	-69.2	2044
807	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.2	238.9	-3.0	0.0	0.0	14.5	0.0	0.0	-258.7	2044

Immissionspunkt
Bez.: IP46/2 Rhader Straße 16b
ID:
X: 32355655.77 m
Y: 5740463.26 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
765	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	64.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.9	450
765	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	64.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	450
765	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	64.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	35.3	450
765	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	64.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	36.5	450
765	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	64.1	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	38.0	450
765	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	64.1	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	34.9	450
765	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	64.1	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	450
765	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	64.1	52.6	-3.0	0.0	0.0	0.0	0.0	0.0	-44.8	450

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
768	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	67.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	645
768	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	67.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	645
768	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	67.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	645
768	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	67.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	645
768	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	67.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	33.5	645
768	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	67.2	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	645
768	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	67.2	21.1	-3.0	0.0	0.0	0.0	0.0	0.0	3.7	645
768	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	67.2	75.4	-3.0	0.0	0.0	0.0	0.0	0.0	-72.2	645

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
770	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	70.8	0.1	-3.0	0.0	0.0	3.6	0.0	0.0	15.1	979
770	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	70.8	0.4	-3.0	0.0	0.0	4.7	0.0	0.0	19.8	979
770	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	70.8	1.0	-3.0	0.0	0.0	6.1	0.0	0.0	21.3	979
770	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	70.8	1.9	-3.0	0.0	0.0	7.9	0.0	0.0	20.2	979
770	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	70.8	3.6	-3.0	0.0	0.0	10.1	0.0	0.0	18.9	979
770	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	70.8	9.5	-3.0	0.0	0.0	12.4	0.0	0.0	10.6	979
770	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	70.8	32.1	-3.0	0.0	0.0	14.5	0.0	0.0	-24.5	979
770	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	70.8	114.4	-3.0	0.0	0.0	16.3	0.0	0.0	-130.4	979

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
772	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1110
772	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.9	1110
772	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1110
772	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1110
772	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	1110
772	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1110
772	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	71.9	36.4	-3.0	0.0	0.0	0.0	0.0	0.0	-13.0	1110
772	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	71.9	129.8	-3.0	0.0	0.0	0.0	0.0	0.0	-118.0	1110

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
777	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	70.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	962
777	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	962
777	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	962

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
777	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	962
777	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	962
777	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.7	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	962
777	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	70.7	31.5	-3.0	0.0	0.0	0.0	0.0	0.0	-11.7	962
777	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	70.7	112.4	-3.0	0.0	0.0	0.0	0.0	0.0	-106.9	962

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
779	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1773
779	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1773
779	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1773
779	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1773
779	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1773
779	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.0	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.7	1773
779	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.0	58.1	-3.0	0.0	0.0	0.0	0.0	0.0	-45.3	1773
779	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.0	207.3	-3.0	0.0	0.0	0.0	0.0	0.0	-208.5	1773

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
781	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1610
781	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1610
781	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1610
781	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	1610
781	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1610
781	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.1	15.6	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	1610
781	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	75.1	52.7	-3.0	0.0	0.0	0.0	0.0	0.0	-31.3	1610
781	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	75.1	188.1	-3.0	0.0	0.0	0.0	0.0	0.0	-183.5	1610

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
782	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2163
782	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2163
782	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	2163
782	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	2163
782	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2163
782	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.7	20.9	-3.0	0.0	0.0	0.0	0.0	0.0	1.2	2163
782	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.7	70.9	-3.0	0.0	0.0	0.0	0.0	0.0	-59.8	2163
782	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.7	252.9	-3.0	0.0	0.0	0.0	0.0	0.0	-255.8	2163

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
783	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1822
783	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1822
783	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.2	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1822
783	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.2	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1822
783	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.2	6.7	-

Immissionspunkt
Bez.: IP46/3 Rhader Straße 16c
ID:
X: 32355809.31 m
Y: 5740445.51 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
784	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	66.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	587
784	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	66.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.8	587
784	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	66.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.8	587
784	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	66.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	587
784	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	66.4	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.2	587
784	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	66.4	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.2	587
784	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	66.4	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.0	587
784	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	66.4	68.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.2	587

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
794	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	68.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	711
794	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	68.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	711
794	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	68.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	711
794	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	68.0	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	30.6	711
794	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	68.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.5	711
794	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	68.0	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.5	711
794	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	68.0	23.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.7	711
794	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	68.0	83.1	-3.0	0.0	0.0	0.0	0.0	0.0	-80.8	711

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
797	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	69.9	0.1	-3.0	0.0	0.0	5.6	0.0	0.0	14.0	880
797	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	69.9	0.4	-3.0	0.0	0.0	7.8	0.0	0.0	17.7	880
797	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	69.9	0.9	-3.0	0.0	0.0	10.4	0.0	0.0	18.1	880
797	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	69.9	1.7	-3.0	0.0	0.0	13.1	0.0	0.0	16.1	880
797	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	69.9	3.2	-3.0	0.0	0.0	15.9	0.0	0.0	14.4	880
797	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.9	8.5	-3.0	0.0	0.0	18.8	0.0	0.0	6.1	880
797	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	69.9	28.8	-3.0	0.0	0.0	19.4	0.0	0.0	-25.2	880
797	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	69.9	102.8	-3.0	0.0	0.0	19.7	0.0	0.0	-121.3	880

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
799	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	70.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	902
799	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	902
799	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	70.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	902
799	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	902
799	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.1	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	902
799	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.1	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	902
799	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	70.1	29.6	-3.0	0.0	0.0	0.0	0.0	0.0	-9.2	902
799	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	70.1	105.5	-3.0	0.0	0.0	0.0	0.0	0.0	-99.4	902

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
801	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1131
801	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1131
801	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1131

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
801	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1131
801	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1131
801	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.1	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1131
801	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	72.1	37.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.8	1131
801	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	72.1	132.2	-3.0	0.0	0.0	0.0	0.0	0.0	-120.5	1131

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
803	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	6.5	0.0	0.0	8.6	1622
803	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	7.7	0.0	0.0	12.9	1622
803	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	9.5	0.0	0.0	12.8	1622
803	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	11.7	0.0	0.0	11.9	1622
803	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	14.2	0.0	0.0	8.3	1622
803	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.2	15.7	-3.0	0.0	0.0	17.0	0.0	0.0	-8.0	1622
803	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.2	53.1	-3.0	0.0	0.0	19.8	0.0	0.0	-59.4	1622
803	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.2	189.6	-3.0	0.0	0.0	20.0	0.0	0.0	-210.0	1622

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
805	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	74.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1489
805	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1489
805	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	74.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1489
805	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	74.5	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1489
805	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	74.5	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1489
805	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.5	14.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	1489
805	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	74.5	48.8	-3.0	0.0	0.0	0.0	0.0	0.0	-26.7	1489
805	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	74.5	174.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.7	1489

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
808	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2046
808	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	2046
808	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	2046
808	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.7	2046
808	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.2	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2046
808	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.2	19.8	-3.0	0.0	0.0	0.0	0.0	0.0	2.8	2046
808	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.2	67.0	-3.0	0.0	0.0	0.0	0.0	0.0	-55.4	2046
808	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.2	239.1	-3.0	0.0	0.0	0.0	0.0	0.0	-241.5	2046

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
810	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	6.2	0.0	0.0	7.5	1674
810	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	7.3	0.0	0.0	13.1	1674
810	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.5	1.7	-3.0	0.0	0.0	8.9	0.0	0.0	13.4	1674
810	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	10.9	0.0	0.0	9.2	1674
810	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	13.4	0.0	0.0	3.2	1674
810	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	16.1	0.0	0.0	-12.6	1674
810	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.5	54.8	-3.0	0.0	0.0	18.9	0.0	0.0	-62.4	1674
810	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.5	195.6	-3.0	0.0	0.0	20.0	0.0	0.0	-219.2	1674

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
812	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1717
812	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1717
812	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	1717
812	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1717

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
812	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	1717
812	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	2.8	1717
812	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.7	56.3	-3.0	0.0	0.0	0.0	0.0	0.0	-45.0	1717
812	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.7	200.6	-3.0	0.0	0.0	0.0	0.0	0.0	-204.4	1717

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
814	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2460
814	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2460
814	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2460
814	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2460
814	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2460
814	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	-2.8	2460
814	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.8	80.6	-3.0	0.0	0.0	0.0	0.0	0.0	-70.6	2460
814	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.8	287.5	-3.0	0.0	0.0	0.0	0.0	0.0	-291.6	2460

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
816	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.2	0.2	-3.0	0.0	0.0	5.5	0.0	0.0	7.5	1815
816	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.2	0.7	-3.0	0.0	0.0	6.0	0.0	0.0	13.5	1815
816	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.2	1.9	-3.0	0.0	0.0	7.0	0.0	0.0	14.4	1815
816	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.2	3.5	-3.0	0.0	0.0	8.5	0.0	0.0	10.6	1815
816	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.2	6.6	-3.0	0.0	0.0	10.5	0.0	0.0	4.9	1815
816	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.2	17.5	-3.0	0.0	0.0	12.9	0.0	0.0	-11.5	1815
816	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.2	59.5	-3.0	0.0	0.0	15.5	0.0	0.0	-64.3	1815
816	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.2	212.2	-3.0	0.0	0.0	18.3	0.0	0.0	-234.8	1815

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
819	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.3

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
855	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	26.1	1004
855	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	1004
855	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1004
855	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	71.0	32.9	-3.0	0.0	0.0	0.0	0.0	0.0	-8.6	1004
855	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	71.0	117.3	-3.0	0.0	0.0	0.0	0.0	0.0	-104.7	1004

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
857	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	9.7	0.0	0.0	6.0	1506
857	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	11.9	0.0	0.0	9.4	1506
857	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	14.5	0.0	0.0	8.6	1506
857	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	17.3	0.0	0.0	7.2	1506
857	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.6	5.5	-3.0	0.0	0.0	20.0	0.0	0.0	3.5	1506
857	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.6	14.6	-3.0	0.0	0.0	20.0	0.0	0.0	-9.3	1506
857	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.6	49.3	-3.0	0.0	0.0	20.0	0.0	0.0	-55.1	1506
857	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.6	176.0	-3.0	0.0	0.0	20.0	0.0	0.0	-195.8	1506

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
860	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	9.6	0.0	0.0	5.4	1317
860	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	11.8	0.0	0.0	8.4	1317
860	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	14.4	0.0	0.0	7.5	1317
860	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	73.4	2.5	-3.0	0.0	0.0	17.1	0.0	0.0	5.8	1317
860	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	20.0	0.0	0.0	2.3	1317
860	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	20.0	0.0	0.0	-4.6	1317
860	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	73.4	43.1	-3.0	0.0	0.0	20.0	0.0	0.0	-39.9	1317
860	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	73.4	153.9	-3.0	0.0	0.0	20.0	0.0	0.0	-167.5	1317

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
862	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	9.1	0.0	0.0	4.7	1871
862	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	11.2	0.0	0.0	8.1	1871
862	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.4	2.0	-3.0	0.0	0.0	13.7	0.0	0.0	7.1	1871
862	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	16.4	0.0	0.0	5.4	1871
862	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	19.3	0.0	0.0	1.0	1871
862	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.4	18.1	-3.0	0.0	0.0	20.0	0.0	0.0	-14.7	1871
862	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.4	61.3	-3.0	0.0	0.0	20.0	0.0	0.0	-68.9	1871
862	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.4	218.7	-3.0	0.0	0.0	20.0	0.0	0.0	-240.3	1871

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
863	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	9.5	0.0	0.0	4.9	1538
863	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	11.7	0.0	0.0	9.4	1538
863	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	14.3	0.0	0.0	8.9	1538
863	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.7	3.0	-3.0	0.0	0.0	17.0	0.0	0.0	4.1	1538
863	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	19.9	0.0	0.0	-2.1	1538
863	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.7	14.9	-3.0	0.0	0.0	20.0	0.0	0.0	-14.5	1538
863	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.7	50.4	-3.0	0.0	0.0	20.0	0.0	0.0	-58.2	1538
863	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.7	179.8	-3.0	0.0	0.0	20.0	0.0	0.0	-202.6	1538

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
864	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	9.8	0.0	0.0	4.6	1542
864	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	12.1	0.0	0.0	9.0	1542
864	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	14.7	0.0	0.0	8.5	1542
864	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	17.4	0.0	0.0	3.6	1542

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
864	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.8	5.6	-3.0	0.0	0.0	20.0	0.0	0.0	-2.2	1542
864	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.8	14.9	-3.0	0.0	0.0	20.0	0.0	0.0	-14.6	1542
864	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.8	50.5	-3.0	0.0	0.0	20.0	0.0	0.0	-58.4	1542
864	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.8	180.2	-3.0	0.0	0.0	20.0	0.0	0.0	-203.1	1542

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
865	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	8.5	0.0	0.0	3.6	2278
865	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	10.5	0.0	0.0	7.0	2278
865	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	12.8	0.0	0.0	5.8	2278
865	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	15.5	0.0	0.0	3.9	2278
865	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	18.3	0.0	0.0	-1.2	2278
865	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.1	22.0	-3.0	0.0	0.0	20.0	0.0	0.0	-20.4	2278
865	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.1	74.6	-3.0	0.0	0.0	20.0	0.0	0.0	-84.0	2278
865	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.1	266.2	-3.0	0.0	0.0	20.0	0.0	0.0	-289.6	2278

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
867	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	9.7	0.0	0.0	4.1	1668
867	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	11.9	0.0	0.0	8.5	1668
867	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	14.4	0.0	0.0	7.9	1668
867	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	17.2	0.0	0.0	2.9	1668
867	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	20.0	0.0	0.0	-3.3	1668
867	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.4	16.1	-3.0	0.0	0.0	20.0	0.0	0.0	-16.5	1668
867	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.4	54.6	-3.0	0.0	0.0	20.0	0.0	0.0	-63.2	1668
867	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.4	194.9	-3.0	0.0	0.0	20.0	0.0	0.0	-218.4	1668

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
869	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	9.5	0.0	0.0	3.6	1796
869	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	11.7	0.0	0.0	8.0	1796
869	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	14.2	0.0	0.0	7.3	1796
869	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	16.9	0.0	0.0	2.3	1796
869	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	19.8	0.0	0.0	-4.3	1796
869	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	20.0	0.0	0.0	-18.3	1796
869	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.1	58.8	-3.0	0.0	0.0	20.0	0.0	0.0	-68.0	1796
869	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.1	209.9	-3.0	0.0	0.0	20.0	0.0	0.0	-234.1	1796

Immissionspunkt
Bez.: IP48 Große Heide 2
ID:
X: 32355932.14 m
Y: 5741055.76 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
817	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	64.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	498
817	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	64.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.5	498
817	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	64.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.8	498
817	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	64.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	34.9	498
817	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	64.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	36.6	498
817	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	64.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	33.5	498
817	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	64.9	16.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.6	498
817	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	64.9	58.2	-3.0	0.0	0.0	0.0	0.0	0.0	-52.1	498

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
821	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	993
821	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	993
821	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	993
821	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.5	993
821	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	993
821	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	70.9	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	993
821	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	70.9	32.6	-3.0	0.0	0.0	0.0	0.0	0.0	-9.9	993
821	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	70.9	116.1	-3.0	0.0	0.0	0.0	0.0	0.0	-115.3	993

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
824	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1288
824	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1288
824	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1288
824	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1288
824	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	1288
824	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.2	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1288
824	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.2	42.2	-3.0	0.0	0.0	0.0	0.0	0.0	-23.4	1288
824	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.2	150.5	-3.0	0.0	0.0	0.0	0.0	0.0	-153.3	1288

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
827	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1798
827	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1798
827	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1798
827	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1798
827	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1798
827	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.3	1798
827	32357350.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
854	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2106
854	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	-2.7	2106
854	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.5	69.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.6	2106
854	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.5	246.2	-3.0	0.0	0.0	0.0	0.0	0.0	-251.7	2106

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
856	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2943
856	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2943
856	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2943
856	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2943
856	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2943
856	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.4	28.4	-3.0	0.0	0.0	0.0	0.0	0.0	-9.0	2943
856	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.4	96.4	-3.0	0.0	0.0	0.0	0.0	0.0	-88.0	2943
856	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.4	344.0	-3.0	0.0	0.0	0.0	0.0	0.0	-349.6	2943

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
858	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2175
858	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2175
858	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	2175
858	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2175
858	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.7	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2175
858	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	-3.7	2175
858	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.7	71.3	-3.0	0.0	0.0	0.0	0.0	0.0	-62.1	2175
858	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.7	254.2	-3.0	0.0	0.0	0.0	0.0	0.0	-260.0	2175

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
866	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2304
866	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2304
866	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2304
866	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.3	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2304
866	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.3	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2304
866	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	2304
866	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.3	75.5	-3.0	0.0	0.0	0.0	0.0	0.0	-66.9	2304
866	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.3	269.3	-3.0	0.0	0.0	0.0	0.0	0.0	-275.7	2304

Immissionspunkt
Bez.: IP49 Große Heide 3
ID:
X: 32355936.11 m
Y: 5741315.93 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
825	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	65.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	550
825	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	65.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.7	550
825	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	65.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	32.9	550
825	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	65.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.9	550
825	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	65.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	35.6	550
825	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	65.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	32.2	550
825	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	65.8	18.0	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	550
825	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	65.8	64.3	-3.0	0.0	0.0	0.0	0.0	0.0	-59.0	550
828	32356403.00	5741074.00	166.60	1	N	125	92.7	0.0	0.0	0.0	66.1	0.2	-3.0	0.0	0.0	6.8	0.0	1.0	21.6	568
828	32356403.00	5741074.00	166.60	1	N	250	96.3	0.0	0.0	0.0	66.1	0.6	-3.0	0.0	0.0	8.1	0.0	1.0	23.5	568
828	32356403.00	5741074.00	166.60	1	N	500	97.8	0.0	0.0	0.0	66.1	1.1	-3.0	0.0	0.0	10.0	0.0	1.0	22.6	568
828	32356403.00	5741074.00	166.60	1	N	1000	100.4	0.0	0.0	0.0	66.1	2.1	-3.0	0.0	0.0	12.3	0.0	1.0	21.9	568
828	32356403.00	5741074.00	166.60	1	N	2000	100.3	0.0	0.0	0.0	66.1	5.5	-3.0	0.0	0.0	14.9	0.0	1.0	15.8	568
828	32356403.00	5741074.00	166.60	1	N	4000	89.9	0.0	0.0	0.0	66.1	18.6	-3.0	0.0	0.0	17.7	0.0	1.0	-10.5	568
828	32356403.00	5741074.00	166.60	1	N	8000	68.1	0.0	0.0	0.0	66.1	66.4	-3.0	0.0	0.0	20.0	0.0	1.0	-82.4	568

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
831	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	1195
831	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1195
831	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1195
831	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	1195
831	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	72.5	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	1195
831	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1195
831	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	72.5	39.2	-3.0	0.0	0.0	0.0	0.0	0.0	-18.1	1195
831	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	72.5	139.7	-3.0	0.0	0.0	0.0	0.0	0.0	-140.4	1195

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
833	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1526
833	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1526
833	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.9	1526
833	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	74.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1526
833	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1526
833	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	74.7	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	1526
833	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	74.7	50.0	-3.0	0.0	0.0	0.0	0.0	0.0	-32.7	1526
833	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	74.7	178.4	-3.0	0.0	0.0	0.0	0.0	0.0	-182.6	1526

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
835	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1964
835	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1964
835	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.9	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1964
835	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1964
835	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1964
835	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	0.0	0.0	0.0	4.0	1964
835	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.9	64.4	-3.0	0.0	0.0	0.0	0.0	0.0	-52.4	1964
835	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.9	229.6	-3.0	0.0	0.0	0.0	0.0	0.0	-231.7	1964

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
837	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1998
837	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1998
837	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1998
837	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1998
837	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1998
837	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	0.0	0.0	0.0	5.2	1998
837	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	77.0	65.5	-3.0	0.0	0.0	0.0	0.0	0.0	-47.2	1998
837	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	77.0	233.6	-3.0	0.0	0.0	0.0	0.0	0.0	-226.9	1998

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
839	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1749
839	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1749
839	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1749
839	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	1749
839	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1749
839	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	75.9	16.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	1749
839	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	75.9	57.3	-3.0	0.0	0.0	0.0	0.0	0.0	-42.7	1749
839	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	75.9	204.4	-3.0	0.0	0.0	0.0	0.0	0.0	-204.0	1749

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
841	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2148
841	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2148
841	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2148
841	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2148
841	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.6	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2148
841	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.6	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	3.1	2148
841	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.6	70.4	-3.0	0.0	0.0	0.0	0.0	0.0	-51.4	2148
841	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.6	251.1	-3.0	0.0	0.0	0.0	0.0	0.0	-248.9	2148

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
843	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2694
843	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2694
843	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2694
843	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2694
843	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.6	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2694
843	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.8	2694
843	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.6	88.3	-3.0	0.0	0.0	0.0	0.0	0.0	-79.1	2694
843	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.6	314.9	-3.0	0.0	0.0	0.0	0.0	0.0	-319.7	2694

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
845	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	2086
845	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2086
845	32357341.00	5739777.00	96.00	0	N

Immissionspunkt
Bez.: IP50 Rhader Straße 4
ID:
X: 32355638.96 m
Y: 5741848.63 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
823	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1100
823	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1100
823	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.3	1100
823	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	1100
823	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5	1100
823	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1100
823	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.8	36.0	-3.0	0.0	0.0	0.0	0.0	0.0	-15.0	1100
823	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.8	128.6	-3.0	0.0	0.0	0.0	0.0	0.0	-129.3	1100

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
826	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	7.4	0.0	0.0	7.5	1557
826	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	9.0	0.0	0.0	11.9	1557
826	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	11.1	0.0	0.0	12.2	1557
826	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	13.6	0.0	0.0	9.9	1557
826	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	16.3	0.0	0.0	6.8	1557
826	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	19.2	0.0	0.0	-5.8	1557
826	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	74.8	51.0	-3.0	0.0	0.0	20.0	0.0	0.0	-52.3	1557
826	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	74.8	182.0	-3.0	0.0	0.0	20.0	0.0	0.0	-205.0	1557

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
829	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	6.4	0.0	0.0	5.7	1967
829	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	7.5	0.0	0.0	9.5	1967
829	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	9.2	0.0	0.0	10.1	1967
829	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	11.3	0.0	0.0	8.0	1967
829	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	13.8	0.0	0.0	5.2	1967
829	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	16.6	0.0	0.0	-9.1	1967
829	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	76.9	64.5	-3.0	0.0	0.0	19.4	0.0	0.0	-68.8	1967
829	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	76.9	229.9	-3.0	0.0	0.0	20.0	0.0	0.0	-256.4	1967

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
832	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2553
832	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2553
832	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2553
832	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2553
832	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2553
832	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.1	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-4.0	2553
832	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.1	83.6	-3.0	0.0	0.0	0.0	0.0	0.0	-74.0	2553
832	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.1	298.3	-3.0	0.0	0.0	0.0	0.0	0.0	-302.7	2553

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
836	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2478
836	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2478
836	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2478

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
836	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2478
836	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2478
836	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.9	23.9	-3.0	0.0	0.0	0.0	0.0	0.0	-1.3	2478
836	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	78.9	81.2	-3.0	0.0	0.0	0.0	0.0	0.0	-64.8	2478
836	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	78.9	289.6	-3.0	0.0	0.0	0.0	0.0	0.0	-284.8	2478

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
840	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2306
840	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2306
840	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2306
840	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.3	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2306
840	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.3	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2306
840	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.9	2306
840	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.3	75.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.3	2306
840	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.3	269.5	-3.0	0.0	0.0	0.0	0.0	0.0	-271.5	2306

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
842	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	2755
842	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2755
842	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2755
842	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2755
842	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2755
842	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.8	26.6	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	2755
842	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.8	90.3	-3.0	0.0	0.0	0.0	0.0	0.0	-73.5	2755
842	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.8	322.1	-3.0	0.0	0.0	0.0	0.0	0.0	-322.1	2755

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
844	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	0.0	0.6	0.0	8.1	3303
844	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	3303
844	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3303
844	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3303
844	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	3303
844	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.4	31.9	-3.0	0.0	0.0	0.0	0.0	0.0	-13.5	3303
844	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.4	108.3	-3.0	0.0	0.0	0.0	0.0	0.0	-100.8	3303
844	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.4	386.1	-3.0	0.0	0.0	0.0	0.0	0.0	-392.7	3303

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
846	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2683
846	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2683
846	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2683
846	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2683
846	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2683
846	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.6	25.9	-3.0	0.0	0.0	0.0	0.0	0.0	-10.4	2683
846	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.6	87.9	-3.0	0.0	0.0	0.0	0.0	0.0	-80.6	2683
846	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.6	313.6	-3.0	0.0	0.0	0.0	0.0	0.0	-321.2	2683

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
868	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.5	3786
868	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3786
868	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3786
868	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	3786

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
868	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.6	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	7.2	3786
868	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.6	36.6	-3.0	0.0	0.0	0.0	0.0	0.0	-19.4	3786
868	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.6	124.1	-3.0	0.0	0.0	0.0	0.0	0.0	-117.8	3786
868	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.6	442.6	-3.0	0.0	0.0	0.0	0.0	0.0	-450.3	3786

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
870	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2904
870	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2904
870	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2904
870	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	2904
870	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.3	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	2904
870	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.3	28.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.2	2904
870	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.3	95.2	-3.0	0.0	0.0	0.0	0.0	0.0	-88.5	2904
870	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.3	339.4	-3.0	0.0	0.0	0.0	0.0	0.0	-347.8	2904

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
871	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3017
871	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	3017
871	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	3017
871	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3017
871	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	3017
871	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.6	29.2	-3.0	0.0	0.0	0.0	0.0	0.0	-14.7	3017
871	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.6	98.9	-3.0	0.0	0.0	0.0	0.0	0.0	-92.6	3017
871	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.6	352.7	-3.0	0.0	0.0	0.0	0.0	0.0	-361.4	3017

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
873	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.9	0.4

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
902	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2538
902	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2538
902	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-2.1	2538
902	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.1	83.2	-3.0	0.0	0.0	0.0	0.0	0.0	-67.0	2538
902	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.1	296.7	-3.0	0.0	0.0	0.0	0.0	0.0	-292.1	2538

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
907	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2352
907	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2352
907	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2352
907	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2352
907	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2352
907	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.2	2352
907	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.4	77.1	-3.0	0.0	0.0	0.0	0.0	0.0	-65.0	2352
907	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.4	274.9	-3.0	0.0	0.0	0.0	0.0	0.0	-277.1	2352

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
922	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	2779
922	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2779
922	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2779
922	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2779
922	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2779
922	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2	2779
922	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.9	91.1	-3.0	0.0	0.0	0.0	0.0	0.0	-74.4	2779
922	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.9	324.9	-3.0	0.0	0.0	0.0	0.0	0.0	-324.9	2779

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
923	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.7	3324
923	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	3324
923	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3324
923	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	3324
923	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.4	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	3324
923	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.4	32.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.8	3324
923	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.4	108.9	-3.0	0.0	0.0	0.0	0.0	0.0	-101.6	3324
923	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.4	388.5	-3.0	0.0	0.0	0.0	0.0	0.0	-395.2	3324

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
924	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2687
924	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2687
924	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2687
924	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2687
924	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2687
924	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-10.5	2687
924	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.6	88.1	-3.0	0.0	0.0	0.0	0.0	0.0	-80.7	2687
924	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.6	314.1	-3.0	0.0	0.0	0.0	0.0	0.0	-321.7	2687

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
926	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	0.8	0.0	0.0	6.6	3814
926	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3814
926	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	3814
926	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.6	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	3814

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
926	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.6	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	3814
926	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.6	36.9	-3.0	0.0	0.0	0.0	0.0	0.0	-19.7	3814
926	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.6	125.0	-3.0	0.0	0.0	0.0	0.0	0.0	-118.8	3814
926	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.6	445.8	-3.0	0.0	0.0	0.0	0.0	0.0	-453.6	3814

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
928	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2912
928	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2912
928	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2912
928	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	2912
928	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.3	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	2912
928	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.3	28.1	-3.0	0.0	0.0	0.0	0.0	0.0	-13.3	2912
928	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.3	95.4	-3.0	0.0	0.0	0.0	0.0	0.0	-88.8	2912
928	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.3	340.4	-3.0	0.0	0.0	0.0	0.0	0.0	-348.8	2912

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
930	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3043
930	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3043
930	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	3043
930	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3043
930	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.7	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	3043
930	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.7	29.4	-3.0	0.0	0.0	0.0	0.0	0.0	-15.0	3043
930	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.7	99.7	-3.0	0.0	0.0	0.0	0.0	0.0	-93.5	3043
930	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.7	355.7	-3.0	0.0	0.0	0.0	0.0	0.0	-364.5	3043

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
932	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	3133
932	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.9	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3133
932	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.9	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	3133
932	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.9	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	3133
932	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.9	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	5.8	3133
932	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.9	30.3	-3.0	0.0	0.0	0.0	0.0	0.0	-16.1	3133
932	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.9	102.7	-3.0	0.0	0.0	0.0	0.0	0.0	-96.7	3133
932	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.9	366.1	-3.0	0.0	0.0	0.0	0.0	0.0	-375.2	3133

Immissionspunkt
Bez.: IP52 Bahnhofstraße 123
ID:
X: 32355902.86 m
Y: 5741930.82 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
872	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1005
872	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1005
872	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	1005
872	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	1005
872	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	1005
872	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1005
872	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.0	32.9	-3.0	0.0	0.0	0.0	0.0	0.0	-11.1	1005
872	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.0	117.5	-3.0	0.0	0.0	0.0	0.0	0.0	-117.4	1005
875	32356403.00	5741074.00	166.60	1	N	125	92.7	0.0	0.0	0.0	71.2	0.4	-3.0	0.0	0.0	6.9	0.0	1.0	16.1	1024
875	32356403.00	5741074.00	166.60	1	N	250	96.3	0.0	0.0	0.0	71.2	1.1	-3.0	0.0	0.0	8.4	0.0	1.0	17.7	1024
875	32356403.00	5741074.00	166.60	1	N	500	97.8	0.0	0.0	0.0	71.2	2.0	-3.0	0.0	0.0	10.3	0.0	1.0	16.3	1024
875	32356403.00	5741074.00	166.60	1	N	1000	100.4	0.0	0.0	0.0	71.2	3.7	-3.0	0.0	0.0	12.7	0.0	1.0	14.8	1024
875	32356403.00	5741074.00	166.60	1	N	2000	100.3	0.0	0.0	0.0	71.2	9.9	-3.0	0.0	0.0	15.3	0.0	1.0	5.9	1024
875	32356403.00	5741074.00	166.60	1	N	4000	89.9	0.0	0.0	0.0	71.2	33.6	-3.0	0.0	0.0	18.1	0.0	1.0	-31.0	1024
875	32356403.00	5741074.00	166.60	1	N	8000	68.1	0.0	0.0	0.0	71.2	119.7	-3.0	0.0	0.0	20.0	0.0	1.0	-140.8	1024

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
876	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	1718
876	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1718
876	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1718
876	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1718
876	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1718
876	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	1718
876	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	75.7	56.3	-3.0	0.0	0.0	0.0	0.0	0.0	-38.4	1718
876	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	75.7	200.8	-3.0	0.0	0.0	0.0	0.0	0.0	-204.7	1718

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
877	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2099
877	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2099
877	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2099
877	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2099
877	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	77.4	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2099
877	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	77.4	20.3	-3.0	0.0	0.0	0.0	0.0	0.0	5.7	2099
877	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	77.4	68.8	-3.0	0.0	0.0	0.0	0.0	0.0	-54.2	2099
877	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	77.4	245.3	-3.0	0.0	0.0	0.0	0.0	0.0	-252.3	2099

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
901	32356822.00	5739365.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	79.8	26.6	-3.0	0.0	0.0	13.0	0.0	1.0	-18.8	2749
901	32356822.00	5739365.00	160.00	1	N	4000	93.6	0.0	0.0	0.0	79.8	90.1	-3.0	0.0	0.0	15.6	0.0	1.0	-89.9	2749
901	32356822.00	5739365.00	160.00	1	N	8000	76.8	0.0	0.0	0.0	79.8	321.3	-3.0	0.0	0.0	18.5	0.0	1.0	-340.8	2749

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
905	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3265
905	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3265
905	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3265
905	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3265
905	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.3	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	3265
905	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.3	31.6	-3.0	0.0	0.0	0.0	0.0	0.0	-13.0	3265
905	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.3	107.0	-3.0	0.0	0.0	0.0	0.0	0.0	-99.5	3265
905	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.3	381.6	-3.0	0.0	0.0	0.0	0.0	0.0	-388.1	3265
934	32357170.00	5738925.00	149.00	1	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	5.8	0.0	1.0	7.0	3284
934	32357170.00	5738925.00	149.00	1	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	6.7	0.0	1.0	6.7	3284
934	32357170.00	5738925.00	149.00	1	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	8.0	0.0	1.0	5.2	3284
934	32357170.00	5738925.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	9.9	0.0	1.0	-0.6	3284
934	32357170.00	5738925.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	81.3	31.7	-3.0	0.0	0.0	12.1	0.0	1.0	-26.4	3284
934	32357170.00	5738925.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	81.3	107.6	-3.0	0.0	0.0	14.7	0.0	1.0	-115.9	3284
934	32357170.00	5738925.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	81.3	383.9	-3.0	0.0	0.0	17.5	0.0	1.0	-408.9	3284

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
936	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2591
936	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2591
936	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2591
936	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2591
936	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2591
936	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-9.2	2591
936	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.3	84.9	-3.0	0.0	0.0	0.0	0.0	0.0	-77.3	2591
936	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.3	302.9	-3.0	0.0	0.0	0.0	0.0	0.0	-310.3	2591
939	32357341.00	5739777.00	96.00	1	N	125	93.5	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	6.2	0.0	1.0	8.9	2610
939	32357341.00	5739777.00	96.00	1	N	250	96.5	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	7.3	0.0	1.0	9.2	2610
939	32357341.00	5739777.00	96.00	1	N	500	95.8	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	8.8	0.0	1.0	4.6	2610
939	32357341.00	5739777.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	10.9	0.0	1.0	-2.6	2610
939	32357341.00	5739777.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	79.3	25.2	-3.0	0.0	0.0	13.4	0.0	1.0	-23.8	2610
939	32357341.00	5739777.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	79.3	85.5	-3.0	0.0	0.0	16.1	0.0	1.0	-95.0	2610
939	32357341.00	5739777.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	79.3	305.1	-3.0	0.0	0.0	18.9	0.0	1.0	-332.4	2610

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
941	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.5	3770
941	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.5	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3770
941	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.5	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3770
941	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.5	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	3770
941	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.5	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	3770
941	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.5	36.4	-3.0	0.0	0.0	0.0	0.0	0.0	-19.2	3770
941	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.5	123.5	-3.0	0.0	0.0	0.0	0.0	0.0	-117.3	3770
941	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.5	440.6	-3.0	0.0	0.0	0.0	0.0	0.0	-448.3	3770
945	32357111.00	5738363.00	149.00	1	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	5.6	0.0	1.0	5.7	3789
945	32357111.00	5738363.00	149.00	1	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	6.4	0.0	1.0	5.3	3789
945	32357111.00	5738363.00	149.00	1	N	500	98.9	0.0	0.0	0.0	82.6	7.3	-3.0	0.0	0.0	7.5	0.0	1.0	3.5	3789
945	32357111.00	5738363.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	82.6	13.9	-3.0	0.0	0.0	9.2	0.0	1.0	-3.0	3789
945	32357111.00	5738363.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	82.6	36.6	-3.0	0.0	0.0	11.3	0.0	1.0	-31.7	3789
945	32357111.00	5738363.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	82.6	124.2	-3.0	0.0	0.0	13.9	0.0	1.0	-132.8	3789
945	32357111.00	5738363.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	82.6	442.8	-3.0	0.0	0.0	16.6	0.0	1.0	-468.2	3789

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
949	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.0	2825
949	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2825
949	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2825
949	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	2825
949	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	2825
949	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.0	27.3	-3.0	0.0	0.0	0.0	0.0	0.0	-12.2	2825
949	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.0	92.6	-3.0	0.0	0.0	0.0	0.0	0.0	-85.7	2825
949	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.0	330.2	-3.0	0.0	0.0	0.0	0.0	0.0	-338.3	2825
953	32357366.00	5739516.00	96.00	1	N	125	93.5	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	6.1	0.0	1.0	8.2	2844
953	32357366.00	5739516.00	96.00	1	N	250	96.5	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	7.1	0.0	1.0	8.4	2844
953	32357366.00	5739516.00	96.00	1	N	500	95.8	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	8.6	0.0	1.0	3.6	2844
953	32357366.00	5739516.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	10.6	0.0	1.0	-3.9	2844
953	32357366.00	5739516.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	13.0	0.0	1.0	-26.5	2844
953	32357366.00	5739516.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	80.1	93.2	-3.0	0.0	0.0	15.7	0.0	1.0	-103.0	2844
953	32357366.00	5739516.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	80.1	332.4	-3.0	0.0	0.0	18.5	0.0	1.0	-360.1	2844

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
957	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	2998
957	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2998
957	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2998
957	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2998
957	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.5	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.7	2998
957	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.5	29.0	-3.0	0.0	0.0	0.0	0.0	0.0	-14.4	2998
957	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.5	98.2	-3.0	0.0	0.0	0.0	0.0	0.0	-91.9	2998
957	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.5	350.4	-3.0	0.0	0.0	0.0	0.0	0.0	-359.1	2998
960	32356860.00	5739091.00	96.00	1	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	6.0	0.0	1.0	7.7	3017
960	32356860.00	5739091.00	96.00	1	N	250	96.5	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	7.0	0.0	1.0	7.8	3017
960	32356860.00	5739091.00	96.00	1	N	500	95.8	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	8.4	0.0	1.0	3.0	3017
960	32356860.00	5739091.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	10.4	0.0	1.0	-4.8	3017
960	32356860.00	5739091.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	80.6	29.2	-3.0	0.0	0.0	12.8	0.0	1.0	-28.4	3017
960	32356860.00	5739091.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	80.6	98.9	-3.0	0.0	0.0	15.4	0.0	1.0	-109.0	3017
960	32356860.00	5739091.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	80.6	352.7	-3.0	0.0	0.0	18.2	0.0	1.0	-380.6	3017

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
962	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.3	3055
962	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3055
962	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	3055
962	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	3055
962	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.3	3055
962	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.7	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-15.1	3055
962	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.7	100.1	-3.0	0.0	0.0	0.0	0.0	0.0	-93.9	3055
962	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.7	357.1	-3.0	0.0	0.0	0.0	0.0	0.0	-365.9	3055
963	32357349.00	5739241.00	96.00	1	N	125	93.5	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	6.0	0.0	1.0	7.5	3074
963	32357349.00	5739241.00	96.00	1	N	250	96.5	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	6.9	0.0	1.0	7.6	3074
963	32357349.00	5739241.00	96.00	1	N	500	95.8	0.0	0.0	0.0	80.8	5.9	-3.0	0.0	0.0	8.3	0.0	1.0	2.8	3074
963	32357349.00	5739241.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	80.8	11.2	-3.0	0.0	0.0	10.3	0.0	1.0	-5.1	3074
963	32357349.00	5739241.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	80.8	29.7	-3.0	0.0	0.0	12.6	0.0	1.0	-29.0	3074
963	32357349.00	5739241.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	80.8	100.7	-3.0	0.0	0.0	15.3	0.0	1.0	-110.9	3074
963	32357349.00	5739241.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	80.8	359.3	-3.0	0.0	0.0	18.1	0.0	1.0	-387.3	3074

Immissionspunkt
Bez.: IP53 Bahnhofstraße 111b
ID:
X: 32356006.26 m
Y: 5741974.67 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
874	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	997
874	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	997
874	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	997
874	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	997
874	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.0	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	28.8	997
874	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.0	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.7	997
874	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.0	32.7	-3.0	0.0	0.0	0.0	0.0	0.0	-10.8	997
874	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.0	116.6	-3.0	0.0	0.0	0.0	0.0	0.0	-116.4	997

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
879	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	1799
879	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1799
879	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1799
879	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1799
879	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1799
879	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	1799
879	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.1	59.0	-3.0	0.0	0.0	0.0	0.0	0.0	-41.5	1799
879	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.1	210.3	-3.0	0.0	0.0	0.0	0.0	0.0	-214.6	1799

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet |

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
908	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.5	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	7.2	3780
908	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.5	36.5	-3.0	0.0	0.0	0.0	0.0	0.0	-19.3	3780
908	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.5	123.9	-3.0	0.0	0.0	0.0	0.0	0.0	-117.6	3780
908	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.5	441.8	-3.0	0.0	0.0	0.0	0.0	0.0	-449.5	3780

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
909	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2811
909	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2811
909	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2811
909	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	2811
909	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	7.9	2811
909	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.0	27.2	-3.0	0.0	0.0	0.0	0.0	0.0	-12.0	2811
909	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.0	92.1	-3.0	0.0	0.0	0.0	0.0	0.0	-85.2	2811
909	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.0	328.6	-3.0	0.0	0.0	0.0	0.0	0.0	-336.6	2811

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
910	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	3009
910	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	3009
910	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	3009
910	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3009
910	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	3009
910	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.6	29.1	-3.0	0.0	0.0	0.0	0.0	0.0	-14.5	3009
910	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.6	98.6	-3.0	0.0	0.0	0.0	0.0	0.0	-92.3	3009
910	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.6	351.7	-3.0	0.0	0.0	0.0	0.0	0.0	-360.3	3009

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
912	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3047
912	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3047
912	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	3047
912	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	3047
912	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.7	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	3047
912	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.7	29.4	-3.0	0.0	0.0	0.0	0.0	0.0	-15.0	3047
912	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.7	99.9	-3.0	0.0	0.0	0.0	0.0	0.0	-93.6	3047
912	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.7	356.1	-3.0	0.0	0.0	0.0	0.0	0.0	-364.9	3047

Immissionspunkt
Bez.: IP54 Bahnhofstraße 103
ID:
X: 32356092.84 m
Y: 5742011.54 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
880	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	1001
880	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1001
880	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.3	1001
880	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	1001
880	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.7	1001
880	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1001
880	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.0	32.8	-3.0	0.0	0.0	0.0	0.0	0.0	-10.9	1001
880	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.0	117.0	-3.0	0.0	0.0	0.0	0.0	0.0	-116.9	1001

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
883	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	1870
883	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.4	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1870
883	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1870
883	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1870
883	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1870
883	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.4	18.1	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	1870
883	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.4	61.3	-3.0	0.0	0.0	0.0	0.0	0.0	-44.1	1870
883	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.4	218.5	-3.0	0.0	0.0	0.0	0.0	0.0	-223.2	1870

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
886	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2230
886	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2230
886	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2230
886	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2230
886	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2230
886	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	78.0	21.6	-3.0	0.0	0.0	0.0	0.0	0.0	3.9	2230
886	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	78.0	73.1	-3.0	0.0	0.0	0.0	0.0	0.0	-59.1	2230
886	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	78.0	260.7	-3.0	0.0	0.0	0.0	0.0	0.0	-268.3	2230

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
891	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.6	2410
891	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2410
891	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2410
891	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2410
891	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2410
891	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.6	23.3	-3.0	0.0	0.0	0.0	0.0	0.0	-2.1	2410
891	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.6	79.0	-3.0	0.0	0.0	0.0	0.0	0.0	-68.8	2410
891	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.6	281.7	-3.0	0.0	0.0	0.0	0.0	0.0	-285.6	2410

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
897	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2710
897	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2710
897	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2710

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
897	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.7	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2710
897	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.7	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2710
897	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.7	26.2	-3.0	0.0	0.0	0.0	0.0	0.0	-4.3	2710
897	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.7	88.8	-3.0	0.0	0.0	0.0	0.0	0.0	-73.1	2710
897	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.7	316.7	-3.0	0.0	0.0	0.0	0.0	0.0	-312.7	2710

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
903	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2444
903	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2444
903	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2444
903	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2444
903	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.8	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2444
903	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.8	23.6	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	2444
903	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.8	80.1	-3.0	0.0	0.0	0.0	0.0	0.0	-68.3	2444
903	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.8	285.6	-3.0	0.0	0.0	0.0	0.0	0.0	-288.2	2444

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
906	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	2750
906	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2750
906	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2750
906	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2750
906	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.7	2750
906	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.8	26.6	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	2750
906	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.8	90.1	-3.0	0.0	0.0	0.0	0.0	0.0	-73.3	2750
906	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.8	321.4	-3.0	0.0	0.0	0.0	0.0	0.0	-321.4	2750

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
911	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3272
911	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3272
911	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3272
911	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3272
911	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	3272
911	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.3	31.6	-3.0	0.0	0.0	0.0	0.0	0.0	-13.1	3272
911	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.3	107.2	-3.0	0.0	0.0	0.0	0.0	0.0	-99.7	3272
911	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.3	382.5	-3.0	0.0	0.0	0.0	0.0	0.0	-389.0	3272

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
913	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2561
913	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2561
913	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2561
913	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2561
913	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2561
913	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-8.8	2561
913	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.2	83.9	-3.0	0.0	0.0	0.0	0.0	0.0

Immissionspunkt
Bez.: IP55 Bahnhofstraße 95
ID:
X: 32356214.89 m
Y: 5742052.29 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
916	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1009
916	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1009
916	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.2	1009
916	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.8	1009
916	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	1009
916	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1009
916	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.1	33.1	-3.0	0.0	0.0	0.0	0.0	0.0	-11.3	1009
916	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.1	118.0	-3.0	0.0	0.0	0.0	0.0	0.0	-117.9	1009

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
918	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	1963
918	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1963
918	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	76.9	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	1963
918	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.8	1963
918	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1963
918	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.5	1963
918	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	76.9	64.3	-3.0	0.0	0.0	0.0	0.0	0.0	-47.6	1963
918	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	76.9	229.4	-3.0	0.0	0.0	0.0	0.0	0.0	-234.5	1963

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
920	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2310
920	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2310
920	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2310
920	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	78.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2310
920	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	78.3	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2310
920	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	2.8	2310
920	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	78.3	75.7	-3.0	0.0	0.0	0.0	0.0	0.0	-62.0	2310
920	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	78.3	270.0	-3.0	0.0	0.0	0.0	0.0	0.0	-277.9	2310

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
921	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	2385
921	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2385
921	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2385
921	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2385
921	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2385
921	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.5	23.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.8	2385
921	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.5	78.1	-3.0	0.0	0.0	0.0	0.0	0.0	-67.9	2385
921	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.5	278.7	-3.0	0.0	0.0	0.0	0.0	0.0	-282.5	2385

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
931	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2780
931	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2780
931	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2780

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
931	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2780
931	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	2780
931	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2	2780
931	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.9	91.1	-3.0	0.0	0.0	0.0	0.0	0.0	-75.7	2780
931	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.9	324.9	-3.0	0.0	0.0	0.0	0.0	0.0	-321.1	2780

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
933	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2492
933	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2492
933	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2492
933	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2492
933	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	2492
933	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.9	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-1.6	2492
933	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.9	81.7	-3.0	0.0	0.0	0.0	0.0	0.0	-70.1	2492
933	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.9	291.3	-3.0	0.0	0.0	0.0	0.0	0.0	-294.0	2492

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
935	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	2759
935	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2759
935	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2759
935	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2759
935	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2759
935	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.8	26.7	-3.0	0.0	0.0	0.0	0.0	0.0	-5.0	2759
935	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.8	90.4	-3.0	0.0	0.0	0.0	0.0	0.0	-73.6	2759
935	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.8	322.5	-3.0	0.0	0.0	0.0	0.0	0.0	-322.5	2759

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
944	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3273
944	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3273
944	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3273
944	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3273
944	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	3273
944	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.3	31.6	-3.0	0.0	0.0	0.0	0.0	0.0	-13.1	3273
944	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.3	107.3	-3.0	0.0	0.0	0.0	0.0	0.0	-99.8	3273
944	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.3	382.6	-3.0	0.0	0.0	0.0	0.0	0.0	-389.1	3273

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
948	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2540
948	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2540
948	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2540
948	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2540
948	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2540
948	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-8.5	2540
948	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.1	83.2	-3.0	0.0	0.0	0.0	0.0	0.0	-75.4	2540
948	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.1	296.9	-3.0	0.0	0.0	0.0	0.0	0.0	-304.1	2540

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
950	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	3799
950	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3799
950	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	3799
950	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	3799

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
950	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.6	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	7.1	3799
950	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.6	36.7	-3.0	0.0	0.0	0.0	0.0	0.0	-19.5	3799
950	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.6	124.5	-3.0	0.0	0.0	0.0	0.0	0.0	-118.3	3799
950	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.6	444.1	-3.0	0.0	0.0	0.0	0.0	0.0	-451.9	3799

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
952	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	2787
952	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2787
952	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2787
952	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2787
952	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	2787
952	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	0.0	0.0	0.0	-11.7	2787
952	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.9	91.3	-3.0	0.0	0.0	0.0	0.0	0.0	-84.3	2787
952	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.9	325.7	-3.0	0.0	0.0	0.0	0.0	0.0	-333.7	2787

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
954	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3032
954	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3032
954	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.6	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	3032
954	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3032
954	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.6	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.5	3032
954	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.6	29.3	-3.0	0.0	0.0	0.0	0.0	0.0	-14.8	3032
954	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.6	99.4	-3.0	0.0	0.0	0.0	0.0	0.0	-93.1	3032
954	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.6	354.4	-3.0	0.0	0.0	0.0	0.0	0.0	-363.1	3032

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
956	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.6	0.4	-3.0	0.0

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
943	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2841
943	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2841
943	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2841
943	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2841
943	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	2841
943	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	0.0	0.0	0.0	-6.0	2841
943	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.1	93.1	-3.0	0.0	0.0	0.0	0.0	0.0	-77.9	2841
943	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.1	332.0	-3.0	0.0	0.0	0.0	0.0	0.0	-328.4	2841

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
947	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2538
947	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2538
947	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.1	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2538
947	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2538
947	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2538
947	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-2.2	2538
947	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	79.1	83.2	-3.0	0.0	0.0	0.0	0.0	0.0	-71.8	2538
947	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	79.1	296.7	-3.0	0.0	0.0	0.0	0.0	0.0	-299.6	2538

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
951	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	2777
951	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2777
951	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2777
951	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2777
951	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2777
951	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	26.8	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2	2777
951	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.9	91.0	-3.0	0.0	0.0	0.0	0.0	0.0	-74.3	2777
951	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.9	324.5	-3.0	0.0	0.0	0.0	0.0	0.0	-324.6	2777
955	32356822.00	5739365.00	160.00	1	N	250	93.6	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	9.8	0.0	1.0	3.0	2806
955	32356822.00	5739365.00	160.00	1	N	500	95.9	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	12.0	0.0	1.0	0.5	2806
955	32356822.00	5739365.00	160.00	1	N	1000	97.5	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	14.6	0.0	1.0	-5.3	2806
955	32356822.00	5739365.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	80.0	27.1	-3.0	0.0	0.0	17.4	0.0	1.0	-24.0	2806
955	32356822.00	5739365.00	160.00	1	N	4000	93.6	0.0	0.0	0.0	80.0	92.0	-3.0	0.0	0.0	20.0	0.0	1.0	-96.3	2806
955	32356822.00	5739365.00	160.00	1	N	8000	76.8	0.0	0.0	0.0	80.0	328.0	-3.0	0.0	0.0	20.0	0.0	1.0	-349.2	2806

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
959	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3283
959	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	3283
959	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3283
959	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3283
959	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	3283
959	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.3	31.7	-3.0	0.0	0.0	0.0	0.0	0.0	-13.3	3283
959	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.3	107.6	-3.0	0.0	0.0	0.0	0.0	0.0	-100.1	3283
959	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.3	383.7	-3.0	0.0	0.0	0.0	0.0	0.0	-390.2	3283
961	32357170.00	5738925.00	149.00	1	N	250	96.2	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	9.2	0.0	1.0	4.1	3313
961	32357170.00	5738925.00	149.00	1	N	500	98.9	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	11.4	0.0	1.0	1.7	3313
961	32357170.00	5738925.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	13.9	0.0	1.0	-4.8	3313
961	32357170.00	5738925.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	81.4	32.0	-3.0	0.0	0.0	16.6	0.0	1.0	-31.3	3313
961	32357170.00	5738925.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	81.4	108.6	-3.0	0.0	0.0	19.5	0.0	1.0	-121.7	3313
961	32357170.00	5738925.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	81.4	387.2	-3.0	0.0	0.0	20.0	0.0	1.0	-414.8	3313

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
964	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2535

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
964	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2535
964	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.1	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2535
964	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2535
964	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2535
964	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.1	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	-8.5	2535
964	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.1	83.1	-3.0	0.0	0.0	0.0	0.0	0.0	-75.2	2535
964	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.1	296.3	-3.0	0.0	0.0	0.0	0.0	0.0	-303.4	2535
972	32357341.00	5739777.00	96.00	1	N	250	96.5	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	10.2	0.0	1.0	6.4	2565
972	32357341.00	5739777.00	96.00	1	N	500	95.8	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	12.6	0.0	1.0	1.1	2565
972	32357341.00	5739777.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	15.2	0.0	1.0	-6.6	2565
972	32357341.00	5739777.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	18.0	0.0	1.0	-27.9	2565
972	32357341.00	5739777.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	79.2	84.1	-3.0	0.0	0.0	20.0	0.0	1.0	-97.4	2565
972	32357341.00	5739777.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	79.2	299.9	-3.0	0.0	0.0	20.0	0.0	1.0	-328.1	2565

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
975	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	3814
975	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3814
975	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	3814
975	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.6	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	3814
975	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.6	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	3814
975	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.6	36.9	-3.0	0.0	0.0	0.0	0.0	0.0	-19.7	3814
975	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.6	125.0	-3.0	0.0	0.0	0.0	0.0	0.0	-118.8	3814
975	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.6	445.8	-3.0	0.0	0.0	0.0	0.0	0.0	-453.7	3814
977	32357111.00	5738363.00	149.00	1	N	250	96.2	0.0	0.0	0.0	82.7	4.0	-3.0	0.0	0.0	0.0	0.0	1.0	2.8	3844
977	32357111.00	5738363.00	149.00	1	N	500	98.9	0.0	0.0	0.0	82.7	7.4	-3.0	0.0	0.0	10.7	0.0	1.0	0.1	3844
977	32357111.00	5738363.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	82.7	14.1	-3.0	0.0	0.0	13.1	0.0	1.0	-7.3	3844
977	32357111.00	5738363.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	82.7	37.2	-3.0	0.0	0.0	15.8	0.0	1.0	-36.8	3844
977	32357111.00	5738363.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	82.7	126.0	-3.0	0.0	0.0	18.6	0.0	1.0	-139.5	3844
977	32357111.00	5738363.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	82.7	449.3	-3.0	0.0	0.0	20.0	0.0	1.0	478.2	3844

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
979	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	2784
979	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2784
979	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2784
979	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2784
979	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.1	2784
979	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	0.0	0.0	0.0	-11.7	2784
979	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.9	91.2	-3.0	0.0	0.0	0.0	0.0	0.0	-84.2	2784
979	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.9	325.4	-3.0	0.0	0.0	0.0	0.0	0.0	-333.4	2784
981	32357366.00	5739516.00	96.00	1	N	250	96.5	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	9.9	0.0	1.0	5.6	2815
981	32357366.00	5739516.00	96.00	1	N	500	95.8	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	12.2	0.0	1.0	0.2	2815
981	32357366.00	5739516.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	14.8	0.0	1.0	-7.9	2815
981	32357366.00	5739516.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	80.0	27.2	-3.0	0.0	0.0	17.6	0.0	1.0	-30.7	2815
981	32357366.00	5739516.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	80.0	92.2	-3.0	0.0	0.0	20.0	0.0	1.0	-106.3	2815
981	32357366.00	5739516.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	80.0	329.0	-3.0	0.0	0.0	20.0	0.0	1.0	-358.1	2815

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
984	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3034
984	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3034
984	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.6	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	3034
984	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3034
984	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.6	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.5	3034
984	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.6	29.3	-3.0	0.0	0.0	0.0	0.0	0.0	-14.9	3034
984	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.6	99.4	-3.0	0.0	0.0	0.0	0.0	0.0	-93.2	3034
984	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.6	354.6	-3.0	0.0	0.0	0.0	0.0	0.0	363.4	3034

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
987	32357349.00	5739241.00	96.00	1	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	9.6	0.0	1.0	4.9	3065
987	32357349.00	5739241.00	96.00	1	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	11.9	0.0	1.0	-0.7	3065
987	32357349.00	5739241.00	96.00	1	N	1000	95.2	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	14.4	0.0	1.0	-9.2	3065
987	32357349.00	5739241.00	96.00	1	N	2000	92.1	0.0	0.0	0.0	80.7	29.6	-3.0	0.0	0.0	17.2	0.0	1.0	-33.5	3065
987	32357349.00	5739241.00	96.00	1	N	4000	83.9	0.0	0.0	0.0	80.7	100.4	-3.0	0.0	0.0	20.0	0.0	1.0	-115.3	3065
987	32357349.00	5739241.00	96.00	1	N	8000	68.9	0.0	0.0	0.0	80.7	358.2	-3.0	0.0	0.0	20.0	0.0	1.0	-388.1	3065

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
989	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.3	3050
989	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3050
989	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	3050
989	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	3050
989	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	3050
989	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.7	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-15.1	3050
989	32356

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
965	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2922
965	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.3	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	2922
965	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.3	28.2	-3.0	0.0	0.0	0.0	0.0	0.0	-7.0	2922
965	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.3	95.7	-3.0	0.0	0.0	0.0	0.0	0.0	-80.8	2922
965	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.3	341.5	-3.0	0.0	0.0	0.0	0.0	0.0	-338.1	2922

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
967	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2615
967	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2615
967	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.4	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2615
967	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.4	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2615
967	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	79.4	9.6	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	2615
967	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	79.4	25.3	-3.0	0.0	0.0	0.0	0.0	0.0	-3.2	2615
967	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	79.4	85.7	-3.0	0.0	0.0	0.0	0.0	0.0	-74.6	2615
967	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	79.4	305.7	-3.0	0.0	0.0	0.0	0.0	0.0	-308.9	2615

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
970	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	2841
970	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	2841
970	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2841
970	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	2841
970	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2841
970	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	0.0	0.0	0.0	-6.0	2841
970	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	80.1	93.1	-3.0	0.0	0.0	0.0	0.0	0.0	-76.6	2841
970	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	80.1	332.1	-3.0	0.0	0.0	0.0	0.0	0.0	-332.3	2841

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
982	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	3343
982	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	3343
982	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3343
982	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.5	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	3343
982	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.5	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	3343
982	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.5	32.3	-3.0	0.0	0.0	0.0	0.0	0.0	-14.0	3343
982	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.5	109.5	-3.0	0.0	0.0	0.0	0.0	0.0	-102.2	3343
982	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.5	390.7	-3.0	0.0	0.0	0.0	0.0	0.0	-397.4	3343

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
988	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2586
988	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2586
988	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2586
988	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2586
988	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	2586
988	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-9.1	2586
988	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.3	84.7	-3.0	0.0	0.0	0.0	0.0	0.0	-77.1	2586
988	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.3	302.2	-3.0	0.0	0.0	0.0	0.0	0.0	-309.6	2586

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
990	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.3	3877
990	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	3877
990	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	3877
990	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.8	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	3877

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
990	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.8	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	3877
990	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.8	37.5	-3.0	0.0	0.0	0.0	0.0	0.0	-20.4	3877
990	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.8	127.1	-3.0	0.0	0.0	0.0	0.0	0.0	-121.0	3877
990	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.8	453.2	-3.0	0.0	0.0	0.0	0.0	0.0	-461.2	3877

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
994	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.0	2837
994	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2837
994	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2837
994	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	2837
994	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.8	2837
994	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.1	27.4	-3.0	0.0	0.0	0.0	0.0	0.0	-12.4	2837
994	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.1	93.0	-3.0	0.0	0.0	0.0	0.0	0.0	-86.1	2837
994	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.1	331.6	-3.0	0.0	0.0	0.0	0.0	0.0	-339.7	2837

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
996	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	3089
996	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3089
996	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	3089
996	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.8	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	3089
996	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.8	11.3	-3.0	0.0	0.0	0.0	0.0	0.0	6.1	3089
996	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.8	29.9	-3.0	0.0	0.0	0.0	0.0	0.0	-15.6	3089
996	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.8	101.2	-3.0	0.0	0.0	0.0	0.0	0.0	-95.1	3089
996	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.8	361.1	-3.0	0.0	0.0	0.0	0.0	0.0	-370.0	3089

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
998	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	3115
998	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.9	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3115
998	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.9	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	3115
998	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.9	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	3115
998	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.9	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	5.9	3115
998	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.9	30.1	-3.0	0.0	0.0	0.0	0.0	0.0	-15.9	3115
998	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.9	102.1	-3.0	0.0	0.0	0.0	0.0	0.0	-96.0	3115
998	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.9	364.0	-3.0	0.0	0.0	0.0	0.0	0.0	-373.0	3115

Immissionspunkt
Bez.: IP58 Bahnhofstraße 79a
ID:
X: 32356416.83 m
Y: 5742148.45 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
966	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1087
966	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1087
966	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	1087
966	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1087
966	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1087
966	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1087
966	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.7	35.6	-3.0	0.0	0.0	0.0	0.0	0.0	-14.4	1087
966	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.7	127.0	-3.0	0.0	0.0	0.0	0.0	0.0	-127.6	1087

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
969	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2149
969	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2149
969	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2149
969	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	2149
969	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	77.6	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2149
969	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.6	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.9	2149
969	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	77.6	70.4	-3.0	0.0	0.0	0.0	0.0	0.0	-54.5	2149
969	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	77.6	251.2	-3.0	0.0	0.0	0.0	0.0	0.0	-257.0	2149

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
974	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	2383
974	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2383
974	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2383
974	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2383
974	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2383
974	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.5	23.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.8	2383
974	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.5	78.1	-3.0	0.0	0.0	0.0	0.0	0.0	-67.9	2383
974	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.5	278.6	-3.0	0.0	0.0	0.0	0.0	0.0	-282.3	2383

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
976	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2478
976	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2478
976	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2478
976	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2478
976	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2478
976	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	78.9	23.9	-3.0	0.0	0.0	0.0	0.0	0.0

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1017	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.7	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.8	3851
1017	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.7	37.2	-3.0	0.0	0.0	0.0	0.0	0.0	-20.1	3851
1017	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.7	126.2	-3.0	0.0	0.0	0.0	0.0	0.0	-120.1	3851
1017	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.7	450.1	-3.0	0.0	0.0	0.0	0.0	0.0	-458.1	3851

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1020	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2800
1020	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2800
1020	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2800
1020	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2800
1020	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.0	2800
1020	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.9	27.1	-3.0	0.0	0.0	0.0	0.0	0.0	-11.9	2800
1020	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.9	91.8	-3.0	0.0	0.0	0.0	0.0	0.0	-84.8	2800
1020	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.9	327.2	-3.0	0.0	0.0	0.0	0.0	0.0	-335.3	2800

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1022	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	4.7	0.0	0.0	3.7	3055
1022	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	4.5	0.0	0.0	10.0	3055
1022	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	4.3	0.0	0.0	11.3	3055
1022	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	3.7	0.0	0.0	8.5	3055
1022	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	2.3	0.0	0.0	4.0	3055
1022	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.7	29.5	-3.0	0.0	0.0	0.0	0.0	0.0	-15.1	3055
1022	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.7	100.1	-3.0	0.0	0.0	0.0	0.0	0.0	-93.9	3055
1022	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.7	357.0	-3.0	0.0	0.0	0.0	0.0	0.0	-365.8	3055

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1024	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	3091
1024	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3091
1024	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	3091
1024	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.8	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	3091
1024	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.8	11.3	-3.0	0.0	0.0	0.0	0.0	0.0	6.1	3091
1024	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.8	29.9	-3.0	0.0	0.0	0.0	0.0	0.0	-15.6	3091
1024	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.8	101.3	-3.0	0.0	0.0	0.0	0.0	0.0	-95.2	3091
1024	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.8	361.3	-3.0	0.0	0.0	0.0	0.0	0.0	-370.2	3091

Immissionspunkt
Bez.: IP59 Grenzweg 2
ID:
X: 32356456.97 m
Y: 5741987.78 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
968	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	930
968	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	930
968	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	930
968	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	930
968	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	930
968	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	70.4	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	930
968	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	70.4	30.5	-3.0	0.0	0.0	0.0	0.0	0.0	-7.9	930
968	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	70.4	108.6	-3.0	0.0	0.0	0.0	0.0	0.0	107.9	930

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
971	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	2040
971	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	77.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	2040
971	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	2040
971	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	2040
971	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	77.2	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2040
971	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	77.2	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	6.4	2040
971	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	77.2	66.8	-3.0	0.0	0.0	0.0	0.0	0.0	-50.4	2040
971	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	77.2	238.4	-3.0	0.0	0.0	0.0	0.0	0.0	243.8	2040

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
973	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	2220
973	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2220
973	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2220
973	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	2220
973	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2220
973	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.9	21.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.4	2220
973	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.9	72.8	-3.0	0.0	0.0	0.0	0.0	0.0	-61.9	2220
973	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.9	259.5	-3.0	0.0	0.0	0.0	0.0	0.0	262.7	2220

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
986	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	2352
986	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	2352
986	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2352
986	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2352
986	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2352
986	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	2.2	2352
986	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	78.4	77.1	-3.0	0.0	0.0	0.0	0.0	0.0	-63.5	2352
986	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	78.4	274.9	-3.0	0.0	0.0	0.0	0.0	0.0	282.9	2352

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
991	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2795
991	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2795
991	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2795

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
991	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2795
991	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2795
991	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.4	2795
991	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.9	91.6	-3.0	0.0	0.0	0.0	0.0	0.0	-76.2	2795
991	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.9	326.7	-3.0	0.0	0.0	0.0	0.0	0.0	-322.9	2795

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
993	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2463
993	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2463
993	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2463
993	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2463
993	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2463
993	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	-1.2	2463
993	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.8	80.7	-3.0	0.0	0.0	0.0	0.0	0.0	-69.0	2463
993	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.8	287.8	-3.0	0.0	0.0	0.0	0.0	0.0	-290.5	2463

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
995	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2653
995	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2653
995	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2653
995	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2653
995	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2653
995	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.5	25.6	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6	2653
995	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.5	86.9	-3.0	0.0	0.0	0.0	0.0	0.0	-69.8	2653
995	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.5	310.0	-3.0	0.0	0.0	0.0	0.0	0.0	-309.7	2653

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
997	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	3148
997	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3148
997	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.0	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	3148
997	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.0	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	3148
997	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.0	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	3148
997	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.0	30.4	-3.0	0.0	0.0	0.0	0.0	0.0	-11.6	3148
997	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.0	103.2	-3.0	0.0	0.0	0.0	0.0	0.0	-95.3	3148
997	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.0	367.9	-3.0	0.0	0.0	0.0	0.0	0.0	-374.1	3148

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
999	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2383
999	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2383
999	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2383
999	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.

Immissionspunkt
Bez.: IP60 Leblicher Straße 2c
ID:
X: 32356664.86 m
Y: 5742141.98 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1000	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	1111
1000	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1111
1000	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.2	1111
1000	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	1111
1000	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	1111
1000	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1111
1000	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.9	36.4	-3.0	0.0	0.0	0.0	0.0	0.0	-15.4	1111
1000	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.9	129.9	-3.0	0.0	0.0	0.0	0.0	0.0	-130.7	1111

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1002	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2288
1002	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2288
1002	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	2288
1002	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2288
1002	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2288
1002	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.2	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	3.0	2288
1002	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.2	75.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.6	2288
1002	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.2	267.4	-3.0	0.0	0.0	0.0	0.0	0.0	-273.8	2288

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1004	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	2292
1004	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2292
1004	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2292
1004	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	2292
1004	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2292
1004	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.2	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	2292
1004	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.2	75.1	-3.0	0.0	0.0	0.0	0.0	0.0	-64.5	2292
1004	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.2	267.8	-3.0	0.0	0.0	0.0	0.0	0.0	-271.2	2292

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1007	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2586
1007	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2586
1007	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	2586
1007	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2586
1007	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2586
1007	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.8	2586
1007	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.3	84.8	-3.0	0.0	0.0	0.0	0.0	0.0	-72.0	2586
1007	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.3	302.3	-3.0	0.0	0.0	0.0	0.0	0.0	-311.2	2586

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1010	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	3016
1010	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3016
1010	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3016

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1010	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3016
1010	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	3016
1010	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.6	29.1	-3.0	0.0	0.0	0.0	0.0	0.0	-8.2	3016
1010	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.6	98.8	-3.0	0.0	0.0	0.0	0.0	0.0	-94.1	3016
1010	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.6	352.6	-3.0	0.0	0.0	0.0	0.0	0.0	349.4	3016

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1012	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	3260
1012	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3260
1012	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3260
1012	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3260
1012	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.3	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	3260
1012	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.3	31.5	-3.0	0.0	0.0	0.0	0.0	0.0	-13.0	3260
1012	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.3	106.8	-3.0	0.0	0.0	0.0	0.0	0.0	-99.3	3260
1012	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.3	381.0	-3.0	0.0	0.0	0.0	0.0	0.0	387.4	3260

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1015	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	2786
1015	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2786
1015	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2786
1015	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2786
1015	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2786
1015	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.3	2786
1015	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.9	91.3	-3.0	0.0	0.0	0.0	0.0	0.0	-74.6	2786
1015	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.9	325.6	-3.0	0.0	0.0	0.0	0.0	0.0	325.7	2786

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1018	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2659
1018	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2659
1018	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2659
1018	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2659
1018	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.6	2659
1018	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	79.5	25.7	-3.0	0.0	0.0	0.0	0.0	0.0	-3.8	2659
1018	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	79.5	87.1	-3.0	0.0	0.0	0.0	0.0	0.0	-76.1	2659
1018	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	79.5	310.8	-3.0	0.0	0.0	0.0	0.0	0.0	314.1	2659

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1032	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2461
1032	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2461
1032	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2461
1032	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2461
1032	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.4	2461
1032	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	0.0	0.0	0.0	-7.5	2461
1032	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.8	80.7	-3.0	0.0	0.0	0.0	0.0	0.0	-72.6	2461
1032	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.8	287.7	-3.0	0.0	0.0	0.0	0.0	0.0	294.6	2461

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1035	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	2719
1035	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2719
1035	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2719
1035	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.7	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2719

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1035	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.7	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	2719
1035	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.7	26.3	-3.0	0.0	0.0	0.0	0.0	0.0	-10.9	2719
1035	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.7	89.1	-3.0	0.0	0.0	0.0	0.0	0.0	-81.9	2719
1035	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.7	317.9	-3.0	0.0	0.0	0.0	0.0	0.0	-325.7	2719

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1038	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.4	3808
1038	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	3808
1038	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	3808
1038	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.6	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	3808
1038	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.6	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	7.1	3808
1038	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.6	36.8	-3.0	0.0	0.0	0.0	0.0	0.0	-19.6	3808
1038	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.6	124.8	-3.0	0.0	0.0	0.0	0.0	0.0	-118.6	3808
1038	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.6	445.1	-3.0	0.0	0.0	0.0	0.0	0.0	-452.9	3808

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1041	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	2982
1041	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2982
1041	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2982
1041	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.5	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	2982
1041	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	6.8	2982
1041	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.5	28.8	-3.0	0.0	0.0	0.0	0.0	0.0	-14.2	2982
1041	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.5	97.7	-3.0	0.0	0.0	0.0	0.0	0.0	-91.3	2982
1041	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.5	348.5	-3.0	0.0	0.0	0.0	0.0	0.0	-357.1	2982

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1019	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2566
1019	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2566
1019	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2566
1019	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2566
1019	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.6	2566
1019	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.2	84.1	-3.0	0.0	0.0	0.0	0.0	0.0	-71.3	2566
1019	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.2	299.9	-3.0	0.0	0.0	0.0	0.0	0.0	-308.7	2566
1030	32355375.00	5739906.00	166.60	1	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	6.1	0.0	1.0	7.2	2583
1030	32355375.00	5739906.00	166.60	1	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	7.2	0.0	1.0	8.1	2583
1030	32355375.00	5739906.00	166.60	1	N	500	97.0	0.0	0.0	0.0	79.2	5.0	-3.0	0.0	0.0	8.7	0.0	1.0	6.0	2583
1030	32355375.00	5739906.00	166.60	1	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	10.8	0.0	1.0	2.6	2583
1030	32355375.00	5739906.00	166.60	1	N	2000	100.4	0.0	0.0	0.0	79.2	25.0	-3.0	0.0	0.0	13.2	0.0	1.0	-15.0	2583
1030	32355375.00	5739906.00	166.60	1	N	4000	89.0	0.0	0.0	0.0	79.2	84.7	-3.0	0.0	0.0	15.9	0.0	1.0	-88.8	2583
1030	32355375.00	5739906.00	166.60	1	N	8000	67.4	0.0	0.0	0.0	79.2	301.9	-3.0	0.0	0.0	18.7	0.0	1.0	-330.5	2583

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1033	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2973
1033	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2973
1033	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2973
1033	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.5	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	2973
1033	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.0	2973
1033	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.5	28.7	-3.0	0.0	0.0	0.0	0.0	0.0	-7.7	2973
1033	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.5	97.4	-3.0	0.0	0.0	0.0	0.0	0.0	-82.6	2973
1033	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.5	347.5	-3.0	0.0	0.0	0.0	0.0	0.0	-344.3	2973
1036	32355458.00	5739382.00	160.00	1	N	125	93.3	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	5.9	0.0	1.0	7.6	2991
1036	32355458.00	5739382.00	160.00	1	N	250	94.9	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	6.9	0.0	1.0	6.4	2991
1036	32355458.00	5739382.00	160.00	1	N	500	96.1	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	8.3	0.0	1.0	3.5	2991
1036	32355458.00	5739382.00	160.00	1	N	1000	100.3	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	10.2	0.0	1.0	0.7	2991
1036	32355458.00	5739382.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	80.5	28.9	-3.0	0.0	0.0	12.5	0.0	1.0	-21.4	2991
1036	32355458.00	5739382.00	160.00	1	N	4000	92.3	0.0	0.0	0.0	80.5	98.0	-3.0	0.0	0.0	15.2	0.0	1.0	-99.4	2991
1036	32355458.00	5739382.00	160.00	1	N	8000	80.7	0.0	0.0	0.0	80.5	349.6	-3.0	0.0	0.0	18.0	0.0	1.0	-365.3	2991

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1039	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.8	2662
1039	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2662
1039	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2662
1039	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2662
1039	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2662
1039	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.5	25.7	-3.0	0.0	0.0	0.0	0.0	0.0	-3.7	2662
1039	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.5	87.2	-3.0	0.0	0.0	0.0	0.0	0.0	-70.1	2662
1039	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.5	311.1	-3.0	0.0	0.0	0.0	0.0	0.0	-310.8	2662
1042	32356822.00	5739365.00	160.00	1	N	125	91.1	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	5.9	0.0	1.0	6.6	2676
1042	32356822.00	5739365.00	160.00	1	N	250	93.6	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	6.7	0.0	1.0	6.5	2676
1042	32356822.00	5739365.00	160.00	1	N	500	95.9	0.0	0.0	0.0	79.5	5.2	-3.0	0.0	0.0	8.1	0.0	1.0	5.1	2676
1042	32356822.00	5739365.00	160.00	1	N	1000	97.5	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	9.9	0.0	1.0	0.3	2676
1042	32356822.00	5739365.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	79.5	25.9	-3.0	0.0	0.0	12.2	0.0	1.0	-17.1	2676
1042	32356822.00	5739365.00	160.00	1	N	4000	93.6	0.0	0.0	0.0	79.5	87.7	-3.0	0.0	0.0	14.8	0.0	1.0	-86.4	2676
1042	32356822.00	5739365.00	160.00	1	N	8000	76.8	0.0	0.0	0.0	79.5	312.7	-3.0	0.0	0.0	17.6	0.0	1.0	-331.1	2676

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1047	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	3121
1047	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.9	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	3121
1047	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.9	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	3121
1047	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.9	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	3121
1047	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.9	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	3121

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1047	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.9	30.2	-3.0	0.0	0.0	0.0	0.0	0.0	-11.2	3121
1047	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.9	102.3	-3.0	0.0	0.0	0.0	0.0	0.0	-94.4	3121
1047	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.9	364.8	-3.0	0.0	0.0	0.0	0.0	0.0	-370.9	3121
1050	32357170.00	5738925.00	149.00	1	N	250	96.2	0.0	0.0	0.0	80.9	3.3	-3.0	0.0	0.0	6.2	0.0	1.0	7.8	3133
1050	32357170.00	5738925.00	149.00	1	N	500	98.9	0.0	0.0	0.0	80.9	6.0	-3.0	0.0	0.0	7.3	0.0	1.0	6.6	3133
1050	32357170.00	5738925.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	80.9	11.5	-3.0	0.0	0.0	9.0	0.0	1.0	1.3	3133
1050	32357170.00	5738925.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	80.9	30.3	-3.0	0.0	0.0	11.0	0.0	1.0	-23.4	3133
1050	32357170.00	5738925.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	80.9	102.7	-3.0	0.0	0.0	13.5	0.0	1.0	-109.3	3133
1050	32357170.00	5738925.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	80.9	366.2	-3.0	0.0	0.0	16.2	0.0	1.0	-389.6	3133

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1053	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2588
1053	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2588
1053	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	2588
1053	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2588
1053	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2588
1053	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.9	2588
1053	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	79.3	84.8	-3.0	0.0	0.0	0.0	0.0	0.0	-73.6	2588
1053	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	79.3	302.5	-3.0	0.0	0.0	0.0	0.0	0.0	305.6	2588
1056	32355989.00	5739575.00	160.00	1	N	125	91.1	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	6.1	0.0	1.0	6.6	2605
1056	32355989.00	5739575.00	160.00	1	N	250	92.3	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	7.1	0.0	1.0	5.2	2605
1056	32355989.00	5739575.00	160.00	1	N	500	95.5	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	8.6	0.0	1.0	4.6	2605
1056	32355989.00	5739575.00	160.00	1	N	1000	97.8	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	10.6	0.0	1.0	0.3	2605
1056	32355989.00	5739575.00	160.00	1	N	2000	98.4	0.0	0.0	0.0	79.3	25.2	-3.0	0.0	0.0	13.0	0.0	1.0	-17.1	2605
1056	32355989.00	5739575.00	160.00	1	N	4000	87.5	0.0	0.0	0.0	79.3	85.4	-3.0	0.0	0.0	15.7	0.0	1.0	-90.9	2605
1056	32355989.00	5739575.00	160.00	1	N	8000	73.2	0.0	0.0	0.0	79.3	304.4	-3.0	0.0	0.0	18.5	0.0	1.0	327.1	2605

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1059	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2308
1059	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2308
1059	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2308
1059	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.3	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2308
1059	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.3	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	2308
1059	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.5	2308
1059	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.3	75.6	-3.0	0.0	0.0	0.0	0.0	0.0	-67.0	2308
1059	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.3	269.7	-3.0	0.0	0.0	0.0	0.0	0.0	276.1	2308

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1063	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2568
1063	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2568
1063	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	2568
1063	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2568
1063	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2568
1063	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-8.9	2568
1063	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.2	84.1	-3.0	0.0	0.0	0.0	0.0	0.0	-76.4	2568
1063	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.2	300.1	-3.0	0.0	0.0	0.0	0.0	0.0	307.4	2568

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1067	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.7	3674
1067	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.7	3674
1067	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.3	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	3674
1067	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	3674
1067	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.3	13.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.9	3674

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1067	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.3	35.5	-3.0	0.0	0.0	0.0	0.0	0.0	-18.0	3674
1067	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.3	120.4	-3.0	0.0	0.0	0.0	0.0	0.0	-113.9	3674
1067	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.3	429.4	-3.0	0.0	0.0	0.0	0.0	0.0	-436.9	3674
1070	32357111.00	5738363.00	149.00	1	N	250	96.2	0.0	0.0	0.0	82.3	3.8	-3.0	0.0	0.0	6.0	0.0	1.0	6.0	3687
1070	32357111.00	5738363.00	149.00	1	N	500	98.9	0.0	0.0	0.0	82.3	7.1	-3.0	0.0	0.0	6.9	0.0	1.0	4.5	3687
1070	32357111.00	5738363.00	149.00	1	N	1000	100.6	0.0	0.0	0.0	82.3	13.5	-3.0	0.0	0.0	8.3	0.0	1.0	-1.6	3687
1070	32357111.00	5738363.00	149.00	1	N	2000	96.8	0.0	0.0	0.0	82.3	35.6	-3.0	0.0	0.0	10.3	0.0	1.0	-29.4	3687
1070	32357111.00	5738363.00	149.00	1	N	4000	85.8	0.0	0.0	0.0	82.3	120.8	-3.0	0.0	0.0	12.6	0.0	1.0	-128.0	3687
1070	32357111.00	5738363.00	149.00	1	N	8000	71.8	0.0	0.0	0.0	82.3	430.9	-3.0	0.0	0.0	15.3	0.0	1.0	-454.7	3687

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1072	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.0	0.3	-3.

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1027	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2587
1027	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	2587
1027	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.8	2587
1027	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	79.3	84.8	-3.0	0.0	0.0	0.0	0.0	0.0	-67.4	2587
1027	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	79.3	302.4	-3.0	0.0	0.0	0.0	0.0	0.0	-301.8	2587

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1029	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.5	3037
1029	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3037
1029	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.6	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	3037
1029	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.6	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	3037
1029	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.6	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	3037
1029	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.6	29.3	-3.0	0.0	0.0	0.0	0.0	0.0	-10.2	3037
1029	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.6	99.5	-3.0	0.0	0.0	0.0	0.0	0.0	-91.4	3037
1029	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.6	355.0	-3.0	0.0	0.0	0.0	0.0	0.0	-360.8	3037

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1044	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2944
1044	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2944
1044	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2944
1044	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2944
1044	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2944
1044	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.4	28.4	-3.0	0.0	0.0	0.0	0.0	0.0	-7.3	2944
1044	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.4	96.5	-3.0	0.0	0.0	0.0	0.0	0.0	-81.5	2944
1044	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.4	344.1	-3.0	0.0	0.0	0.0	0.0	0.0	-340.8	2944
1048	32355458.00	5739382.00	160.00	1	N	500	96.1	0.0	0.0	0.0	80.5	5.7	-3.0	0.0	0.0	8.3	0.0	1.0	3.6	2981
1048	32355458.00	5739382.00	160.00	1	N	1000	100.3	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	10.2	0.0	1.0	0.7	2981
1048	32355458.00	5739382.00	160.00	1	N	2000	98.5	0.0	0.0	0.0	80.5	28.8	-3.0	0.0	0.0	12.5	0.0	1.0	-21.3	2981
1048	32355458.00	5739382.00	160.00	1	N	4000	92.3	0.0	0.0	0.0	80.5	97.7	-3.0	0.0	0.0	15.2	0.0	1.0	-99.1	2981
1048	32355458.00	5739382.00	160.00	1	N	8000	80.7	0.0	0.0	0.0	80.5	348.5	-3.0	0.0	0.0	18.0	0.0	1.0	-364.2	2981

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1051	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2216
1051	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2216
1051	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	2216
1051	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2216
1051	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2216
1051	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.9	21.4	-3.0	0.0	0.0	0.0	0.0	0.0	-4.2	2216
1051	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.9	72.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.6	2216
1051	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.9	259.0	-3.0	0.0	0.0	0.0	0.0	0.0	-265.0	2216

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1054	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2543
1054	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2543
1054	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2543
1054	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2543
1054	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2543
1054	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	79.1	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-2.3	2543
1054	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	79.1	83.3	-3.0	0.0	0.0	0.0	0.0	0.0	-72.0	2543
1054	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	79.1	297.3	-3.0	0.0	0.0	0.0	0.0	0.0	-300.2	2543

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1057	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2477
1057	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2477
1057	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2477
1057	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2477
1057	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2477
1057	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.9	23.9	-3.0	0.0	0.0	0.0	0.0	0.0	-7.7	2477
1057	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.9	81.2	-3.0	0.0	0.0	0.0	0.0	0.0	-73.1	2477
1057	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.9	289.5	-3.0	0.0	0.0	0.0	0.0	0.0	-296.5	2477

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1061	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.0	3592
1061	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	3592
1061	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	82.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	3592
1061	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	82.1	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	3592
1061	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	82.1	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	3592
1061	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	82.1	34.7	-3.0	0.0	0.0	0.0	0.0	0.0	-17.0	3592
1061	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	82.1	117.7	-3.0	0.0	0.0	0.0	0.0	0.0	-111.0	3592
1061	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	82.1	419.9	-3.0	0.0	0.0	0.0	0.0	0.0	-427.2	3592

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1065	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.3	2744
1065	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2744
1065	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2744
1065	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2744
1065	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.8	10.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	2744
1065	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.8	26.5	-3.0	0.0	0.0	0.0	0.0	0.0	-11.2	2744
1065	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.8	89.9	-3.0	0.0	0.0	0.0	0.0	0.0	-82.8	2744
1065	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.8	320.8	-3.0	0.0	0.0	0.0	0.0	0.0	328.6	2744

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1069	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	2857
1069	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2857
1069	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2857
1069	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2857
1069	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.6	2857
1069	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	80.1	27.6	-3.0	0.0	0.0	0.0	0.0	0.0	-12.6	2857
1069	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	80.1	93.6	-3.0	0.0	0.0	0.0	0.0	0.0	-86.8	2857
1069	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	80.1	333.9	-3.0	0.0	0.0	0.0	0.0	0.0	342.1	2857

Immissionspunkt
Bez.: IP63/1 Leblicher Straße 8
ID:
X: 32357026.52 m
Y: 5741861.52 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1028	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	1017
1028	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.1	1017
1028	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1017
1028	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.1	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1017
1028	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.5	1017
1028	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.3	1017
1028	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.1	33.3	-3.0	0.0	0.0	0.0	0.0	0.0	-11.6	1017
1028	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.1	118.9	-3.0	0.0	0.0	0.0	0.0	0.0	-119.0	1017

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1031	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1934
1031	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	1934
1031	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1934
1031	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1934
1031	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.7	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1934
1031	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.7	18.7	-3.0	0.0	0.0	0.0	0.0	0.0	4.4	1934
1031	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.7	63.4	-3.0	0.0	0.0	0.0	0.0	0.0	-51.3	1934
1031	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.7	226.1	-3.0	0.0	0.0	0.0	0.0	0.0	-228.0	1934

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1034	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2336
1034	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2336
1034	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2336
1034	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2336
1034	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2336
1034	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	2.3	2336
1034	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.4	76.6	-3.0	0.0	0.0	0.0	0.0	0.0	-61.3	2336
1034	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.4	273.1	-3.0	0.0	0.0	0.0	0.0	0.0	-279.7	2336

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1037	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2565
1037	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2565
1037	32355375.00	5739906.00	166.60	0	N

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1055	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2372
1055	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.5	22.9	-3.0	0.0	0.0	0.0	0.0	0.0	-6.3	2372
1055	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.5	77.7	-3.0	0.0	0.0	0.0	0.0	0.0	-69.3	2372
1055	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.5	277.2	-3.0	0.0	0.0	0.0	0.0	0.0	-283.8	2372

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1058	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	3502
1058	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.9	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	3502
1058	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.9	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	3502
1058	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.9	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	3502
1058	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.9	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	3502
1058	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.9	33.8	-3.0	0.0	0.0	0.0	0.0	0.0	-15.9	3502
1058	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.9	114.8	-3.0	0.0	0.0	0.0	0.0	0.0	-107.9	3502
1058	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.9	409.4	-3.0	0.0	0.0	0.0	0.0	0.0	-416.5	3502

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1062	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2642
1062	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2642
1062	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.4	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2642
1062	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2642
1062	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.4	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.1	2642
1062	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.4	25.5	-3.0	0.0	0.0	0.0	0.0	0.0	-9.9	2642
1062	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.4	86.6	-3.0	0.0	0.0	0.0	0.0	0.0	-79.1	2642
1062	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.4	308.8	-3.0	0.0	0.0	0.0	0.0	0.0	-316.3	2642

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1066	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.2	2777
1066	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2777
1066	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2777
1066	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2777
1066	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	2777
1066	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.9	26.8	-3.0	0.0	0.0	0.0	0.0	0.0	-11.6	2777
1066	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.9	91.0	-3.0	0.0	0.0	0.0	0.0	0.0	-84.0	2777
1066	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.9	324.6	-3.0	0.0	0.0	0.0	0.0	0.0	-332.6	2777

Immissionspunkt
Bez.: IP63/2 Leblicher Straße 8
ID:
X: 32357044.29 m
Y: 5741840.48 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1060	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1012
1060	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1012
1060	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1012
1060	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.1	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1012
1060	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	1012
1060	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1012
1060	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.1	33.2	-3.0	0.0	0.0	0.0	0.0	0.0	-11.4	1012
1060	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.1	118.3	-3.0	0.0	0.0	0.0	0.0	0.0	118.3	1012

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1064	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	1911
1064	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1911
1064	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1911
1064	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.6	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1911
1064	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.6	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1911
1064	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.6	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	4.7	1911
1064	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.6	62.6	-3.0	0.0	0.0	0.0	0.0	0.0	-50.4	1911
1064	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.6	223.3	-3.0	0.0	0.0	0.0	0.0	0.0	225.1	1911

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1068	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2337
1068	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2337
1068	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.0	2337
1068	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2337
1068	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2337
1068	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	2.3	2337
1068	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.4	76.6	-3.0	0.0	0.0	0.0	0.0	0.0	-61.3	2337
1068	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.4	273.1	-3.0	0.0	0.0	0.0	0.0	0.0	279.7	2337

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1071	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2560
1071	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2560
1071	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2560
1071	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2560
1071	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2560
1071	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.2	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	2560
1071	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.2	83.9	-3.0	0.0	0.0	0.0	0.0	0.0	-71.1	2560
1071	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.2	299.2	-3.0	0.0	0.0	0.0	0.0	0.0	308.0	2560

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1073	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.8	2087
1073	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2087
1073	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2087

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1073	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2087
1073	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.4	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2087
1073	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.4	20.2	-3.0	0.0	0.0	0.0	0.0	0.0	-2.5	2087
1073	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.4	68.4	-3.0	0.0	0.0	0.0	0.0	0.0	-58.9	2087
1073	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.4	243.9	-3.0	0.0	0.0	0.0	0.0	0.0	-249.4	2087

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1075	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	2490
1075	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2490
1075	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2490
1075	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2490
1075	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2490
1075	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.9	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-1.5	2490
1075	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	78.9	81.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.9	2490
1075	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	78.9	291.1	-3.0	0.0	0.0	0.0	0.0	0.0	-290.2	2490

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1077	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2922
1077	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2922
1077	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2922
1077	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2922
1077	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.3	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	2922
1077	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.3	28.2	-3.0	0.0	0.0	0.0	0.0	0.0	-8.7	2922
1077	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.3	95.7	-3.0	0.0	0.0	0.0	0.0	0.0	-87.3	2922
1077	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.3	341.5	-3.0	0.0	0.0	0.0	0.0	0.0	-347.0	2922

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1079	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2930
1079	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2930
1079	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.3	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2930
1079	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2930
1079	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.3	10.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2930
1079	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.3	28.3	-3.0	0.0	0.0	0.0	0.0	0.0	-7.2	2930
1079	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.3	96.0	-3.0	0.0	0.0	0.0	0.0	0.0	-81.1	2930
1079	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.3	342.5	-3.0	0.0	0.0	0.0	0.0	0.0	-339.1	2930

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1081	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.1	2504
1081	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2504
1081	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2504
1081	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	79.0	4

Immissionspunkt
Bez.: IP64 Leblicher Straße 17
ID:
X: 32357163.41 m
Y: 5741724.26 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1132	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	1014
1132	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1014
1132	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.1	1014
1132	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.1	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1014
1132	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	28.6	1014
1132	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1014
1132	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.1	33.2	-3.0	0.0	0.0	0.0	0.0	0.0	-11.4	1014
1132	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.1	118.5	-3.0	0.0	0.0	0.0	0.0	0.0	-118.5	1014

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1135	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	1780
1135	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	1780
1135	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1780
1135	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1780
1135	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1780
1135	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.0	17.2	-3.0	0.0	0.0	0.0	0.0	0.0	6.6	1780
1135	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.0	58.3	-3.0	0.0	0.0	0.0	0.0	0.0	-45.5	1780
1135	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.0	208.0	-3.0	0.0	0.0	0.0	0.0	0.0	-209.3	1780

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1137	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2359
1137	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2359
1137	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2359
1137	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.5	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.4	2359
1137	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.5	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2359
1137	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.5	22.8	-3.0	0.0	0.0	0.0	0.0	0.0	2.0	2359
1137	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.5	77.3	-3.0	0.0	0.0	0.0	0.0	0.0	-62.2	2359
1137	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.5	275.8	-3.0	0.0	0.0	0.0	0.0	0.0	-282.4	2359

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1139	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2556
1139	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2556
1139	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2556
1139	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2556
1139	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2556
1139	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.1	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	2556
1139	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.1	83.7	-3.0	0.0	0.0	0.0	0.0	0.0	-70.9	2556
1139	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.1	298.7	-3.0	0.0	0.0	0.0	0.0	0.0	-307.4	2556

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1140	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	1957
1140	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1957
1140	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1957

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1140	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.8	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1957
1140	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.8	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1957
1140	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.8	18.9	-3.0	0.0	0.0	0.0	0.0	0.0	-0.7	1957
1140	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.8	64.1	-3.0	0.0	0.0	0.0	0.0	0.0	-54.1	1957
1140	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.8	228.8	-3.0	0.0	0.0	0.0	0.0	0.0	233.7	1957

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1142	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2389
1142	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2389
1142	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2389
1142	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2389
1142	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	78.6	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.2	2389
1142	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.6	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	-0.1	2389
1142	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	78.6	78.3	-3.0	0.0	0.0	0.0	0.0	0.0	-60.2	2389
1142	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	78.6	279.2	-3.0	0.0	0.0	0.0	0.0	0.0	278.0	2389

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1143	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2803
1143	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	2803
1143	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2803
1143	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2803
1143	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	2803
1143	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.0	27.1	-3.0	0.0	0.0	0.0	0.0	0.0	-7.2	2803
1143	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.0	91.9	-3.0	0.0	0.0	0.0	0.0	0.0	-83.0	2803
1143	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.0	327.6	-3.0	0.0	0.0	0.0	0.0	0.0	332.8	2803

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1144	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2901
1144	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2901
1144	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2901
1144	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.3	2901
1144	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.3	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.4	2901
1144	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.3	28.0	-3.0	0.0	0.0	0.0	0.0	0.0	-6.8	2901
1144	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.3	95.1	-3.0	0.0	0.0	0.0	0.0	0.0	-80.0	2901
1144	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.3	339.1	-3.0	0.0	0.0	0.0	0.0	0.0	335.7	2901

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1145	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2454
1145	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.3	2454
1145	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2454
1145	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2454
1145	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2454
1145	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.8	23.7	-3.0	0.0	0.0	0.0	0.0	0.0	-1.1	2454
1145	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.8	80.4	-3.0	0.0	0.0	0.0	0.0	0.0	-68.7	2454
1145	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.8	286.8	-3.0	0.0	0.0	0.0	0.0	0.0	289.4	2454

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1146	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2219
1146	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2219
1146	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.3	2219
1146	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2219

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1146	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	12.2	2219
1146	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.9	21.4	-3.0	0.0	0.0	0.0	0.0	0.0	-4.3	2219
1146	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.9	72.7	-3.0	0.0	0.0	0.0	0.0	0.0	-63.8	2219
1146	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.9	259.4	-3.0	0.0	0.0	0.0	0.0	0.0	265.4	2219

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1148	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.6	3365
1148	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	3365
1148	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	3365
1148	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.5	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3365
1148	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.5	12.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	3365
1148	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.5	32.5	-3.0	0.0	0.0	0.0	0.0	0.0	-14.3	3365
1148	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.5	110.3	-3.0	0.0	0.0	0.0	0.0	0.0	-103.0	3365
1148	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.5	393.3	-3.0	0.0	0.0	0.0	0.0	0.0	-400.0	3365

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1150	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2492
1150	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2492
1150	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2492
1150	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2492
1150	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2492
1150	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.9	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-7.9	2492
1150	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.9	81.7	-3.0	0.0	0.0	0.0	0.0	0.0	-73.7	2492
1150	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.9	291.3	-3.0	0.0	0.0	0.0	0.0	0.0	298.3	2492

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1086	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.9	1844
1086	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.4	1844
1086	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.3	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1844
1086	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.3	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1844
1086	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.3	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	1844
1086	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.3	17.8	-3.0	0.0	0.0	0.0	0.0	0.0	1.0	1844
1086	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.3	60.4	-3.0	0.0	0.0	0.0	0.0	0.0	-49.8	1844
1086	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.3	215.5	-3.0	0.0	0.0	0.0	0.0	0.0	-220.0	1844

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1087	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2281
1087	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2281
1087	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2281
1087	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2281
1087	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	78.2	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2281
1087	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	78.2	22.0	-3.0	0.0	0.0	0.0	0.0	0.0	1.3	2281
1087	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	78.2	74.7	-3.0	0.0	0.0	0.0	0.0	0.0	-56.3	2281
1087	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	78.2	266.6	-3.0	0.0	0.0	0.0	0.0	0.0	-264.9	2281

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1089	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2691
1089	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2691
1089	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2691
1089	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	2691
1089	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	2691
1089	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.8	2691
1089	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.6	88.2	-3.0	0.0	0.0	0.0	0.0	0.0	-79.0	2691
1089	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.6	314.5	-3.0	0.0	0.0	0.0	0.0	0.0	-319.3	2691

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1091	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2822
1091	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2822
1091	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2822
1091	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.0	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	2822
1091	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.0	10.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2822
1091	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.0	27.3	-3.0	0.0	0.0	0.0	0.0	0.0	-5.8	2822
1091	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.0	92.5	-3.0	0.0	0.0	0.0	0.0	0.0	-77.2	2822
1091	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.0	329.9	-3.0	0.0	0.0	0.0	0.0	0.0	-326.2	2822

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1093	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2365
1093	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2365
1093	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2365
1093	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2365
1093	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.7	2365
1093	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.5	22.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.1	2365
1093	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.5	77.5	-3.0	0.0	0.0	0.0	0.0	0.0	-65.5	2365
1093	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.5	276.4	-3.0	0.0	0.0	0.0	0.0	0.0	-278.7	2365

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1094	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	2106

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1094	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2106
1094	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.8	2106
1094	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2106
1094	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	2106
1094	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	-2.7	2106
1094	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.5	69.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.6	2106
1094	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.5	246.2	-3.0	0.0	0.0	0.0	0.0	0.0	251.7	2106

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1095	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	3253
1095	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	3253
1095	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	3253
1095	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.2	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	3253
1095	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.2	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.5	3253
1095	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.2	31.4	-3.0	0.0	0.0	0.0	0.0	0.0	-12.9	3253
1095	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.2	106.6	-3.0	0.0	0.0	0.0	0.0	0.0	-99.0	3253
1095	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.2	380.2	-3.0	0.0	0.0	0.0	0.0	0.0	386.6	3253

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1096	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2379
1096	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2379
1096	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2379
1096	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2379
1096	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2379
1096	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.5	23.0	-3.0	0.0	0.0	0.0	0.0	0.0	-6.4	2379
1096	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.5	77.9	-3.0	0.0	0.0	0.0	0.0	0.0	-69.6	2379
1096	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.5	278.0	-3.0	0.0	0.0	0.0	0.0	0.0	284.6	2379

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1097	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	79.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.0	2543
1097	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	79.1	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2543
1097	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	79.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2543
1097	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	79.1	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2543
1097	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	79.1	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	2543
1097	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	79.1	24.6	-3.0	0.0	0.0	0.0	0.0	0.0	-8.6	2543
1097	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	79.1	83.3	-3.0	0.0	0.0	0.0	0.0	0.0	-75.5	2543
1097	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	79.1	297.2	-3.0	0.0	0.0	0.0	0.0	0.0	304.4	2543

Immissionspunkt
Bez.: IP66 Buschhausen 1
ID:
X: 32357400.48 m
Y: 5741491.53 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1099	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1093
1099	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1093
1099	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.4	1093
1099	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.9	1093
1099	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.6	1093
1099	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1093
1099	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.8	35.8	-3.0	0.0	0.0	0.0	0.0	0.0	-14.7	1093
1099	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.8	127.8	-3.0	0.0	0.0	0.0	0.0	0.0	-128.5	1093

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1101	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	1539
1101	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1539
1101	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1539
1101	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.7	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1539
1101	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	1539
1101	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.7	14.9	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	1539
1101	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.7	50.4	-3.0	0.0	0.0	0.0	0.0	0.0	-36.4	1539
1101	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.7	179.9	-3.0	0.0	0.0	0.0	0.0	0.0	-179.8	1539

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1103	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2438
1103	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2438
1103	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2438
1103	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2438
1103	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2438
1103	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.7	23.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.0	2438
1103	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.7	79.9	-3.0	0.0	0.0	0.0	0.0	0.0	-65.0	2438
1103	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.7	284.9	-3.0	0.0	0.0	0.0	0.0	0.0	-291.9	2438

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1106	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	1718
1106	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	1718
1106	32357341.00	5739

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1124	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.2	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	2872
1124	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.2	27.8	-3.0	0.0	0.0	0.0	0.0	0.0	-6.4	2872
1124	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.2	94.1	-3.0	0.0	0.0	0.0	0.0	0.0	-79.0	2872
1124	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.2	335.7	-3.0	0.0	0.0	0.0	0.0	0.0	-332.1	2872

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1127	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1	2253
1127	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2253
1127	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	2253
1127	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.1	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2253
1127	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.1	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.9	2253
1127	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.1	21.8	-3.0	0.0	0.0	0.0	0.0	0.0	-4.7	2253
1127	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.1	73.8	-3.0	0.0	0.0	0.0	0.0	0.0	-65.0	2253
1127	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.1	263.3	-3.0	0.0	0.0	0.0	0.0	0.0	-269.5	2253

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1130	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	81.0	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.4	3145
1130	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	81.0	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	9.5	3145
1130	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	81.0	3.3	-3.0	0.0	0.0	4.8	0.0	0.0	10.2	3145
1130	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	81.0	6.1	-3.0	0.0	0.0	4.8	0.0	0.0	10.1	3145
1130	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	81.0	11.5	-3.0	0.0	0.0	4.7	0.0	0.0	6.4	3145
1130	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	81.0	30.4	-3.0	0.0	0.0	4.7	0.0	0.0	-16.3	3145
1130	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	81.0	103.1	-3.0	0.0	0.0	4.7	0.0	0.0	-99.9	3145
1130	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	81.0	367.6	-3.0	0.0	0.0	4.6	0.0	0.0	-378.3	3145

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1133	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.5	2462
1133	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	11.9	2462
1133	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	13.3	2462
1133	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	4.8	0.0	0.0	10.5	2462
1133	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	4.8	0.0	0.0	5.6	2462
1133	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	4.8	0.0	0.0	-12.3	2462
1133	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.8	80.7	-3.0	0.0	0.0	4.8	0.0	0.0	-77.4	2462
1133	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.8	287.8	-3.0	0.0	0.0	4.8	0.0	0.0	-299.5	2462

Immissionspunkt
Bez.: IP67 Buschhausen 2
ID:
X: 32357400.33 m
Y: 5741466.91 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1098	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1084
1098	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6	1084
1098	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1084
1098	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.0	1084
1098	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	1084
1098	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1084
1098	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.7	35.5	-3.0	0.0	0.0	0.0	0.0	0.0	-14.3	1084
1098	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.7	126.7	-3.0	0.0	0.0	0.0	0.0	0.0	-127.3	1084

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1100	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1515
1100	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1515
1100	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1515
1100	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1515
1100	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.6	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1515
1100	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.6	14.6	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	1515
1100	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.6	49.6	-3.0	0.0	0.0	0.0	0.0	0.0	-35.4	1515
1100	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.6	177.0	-3.0	0.0	0.0	0.0	0.0	0.0	-176.8	1515

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1102	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2426
1102	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	2426
1102	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	2426
1102	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.0	2426
1102	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2426
1102	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.7	23.4	-3.0	0.0	0.0	0.0	0.0	0.0	1.2	2426
1102	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.7	79.5	-3.0	0.0	0.0	0.0	0.0	0.0	-64.6	2426
1102	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.7	283.6	-3.0	0.0	0.0	0.0	0.0	0.0	-290.5	2426

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1104	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.6	1693
1104	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	1693
1104	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1693
1104	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.0	1693
1104	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	1693
1104	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	3.2	1693
1104	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.6	55.5	-3.0	0.0	0.0	0.0	0.0	0.0	-44.2	1693
1104	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.6	197.9	-3.0	0.0	0.0	0.0	0.0	0.0	-201.6	1693

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1108	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.7	2562
1108	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2562
1108	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2562

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1108	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2562
1108	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2562
1108	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	0.0	0.0	0.0	-0.5	2562
1108	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.2	84.0	-3.0	0.0	0.0	0.0	0.0	0.0	-71.1	2562
1108	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.2	299.5	-3.0	0.0	0.0	0.0	0.0	0.0	-308.2	2562

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1111	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2556
1111	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2556
1111	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2556
1111	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	2556
1111	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2556
1111	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.2	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	-4.1	2556
1111	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.2	83.8	-3.0	0.0	0.0	0.0	0.0	0.0	-74.1	2556
1111	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.2	298.8	-3.0	0.0	0.0	0.0	0.0	0.0	-303.1	2556

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1114	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.8	2186
1114	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	4.8	0.0	0.0	10.6	2186
1114	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	11.8	2186
1114	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.1	2186
1114	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	4.8	0.0	0.0	9.9	2186
1114	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	4.8	0.0	0.0	-2.2	2186
1114	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.8	71.6	-3.0	0.0	0.0	4.8	0.0	0.0	-57.6	2186
1114	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.8	255.4	-3.0	0.0	0.0	4.8	0.0	0.0	-258.2	2186

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1117	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.3	1953
1117	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	1953
1117	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1953
1117	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.8	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	1953
1117	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.8	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.2	1953
1117	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.8	18.9	-3.0	0.0	0.0	0.0	0.0	0.0	-0.6	1953
1117	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.8	64.0	-3.0	0.0	0.0	0.0	0.0	0.0	-53.9	1953
1117	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.8	228.3	-3.0	0.0	0.0	0.0	0.0	0.0	-233.2	1953

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1120	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.6	2365
1120	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2365
1120	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2365
1120	32355989.00	5739575.00	160.00	0

Immissionspunkt
Bez.: IP68 Buschhausen 3
ID:
X: 32357385.12 m
Y: 5741406.85 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1105	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	1050
1105	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1050
1105	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.8	1050
1105	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	1050
1105	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.1	1050
1105	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	71.4	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1050
1105	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	71.4	34.4	-3.0	0.0	0.0	0.0	0.0	0.0	-12.9	1050
1105	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	71.4	122.7	-3.0	0.0	0.0	0.0	0.0	0.0	-123.0	1050

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1107	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	1454
1107	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1454
1107	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.4	1454
1107	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	1454
1107	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1454
1107	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.5	1454
1107	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	74.3	47.7	-3.0	0.0	0.0	0.0	0.0	0.0	-33.1	1454
1107	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	74.3	170.0	-3.0	0.0	0.0	0.0	0.0	0.0	-169.5	1454

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1110	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.2	2386
1110	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2386
1110	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	2386
1110	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2386
1110	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	78.6	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.4	2386
1110	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	78.6	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	1.7	2386
1110	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	78.6	78.2	-3.0	0.0	0.0	0.0	0.0	0.0	-63.1	2386
1110	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	78.6	278.8	-3.0	0.0	0.0	0.0	0.0	0.0	-285.6	2386

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1113	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	1633
1113	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.6	1633
1113	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1633
1113	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	75.3	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.4	1633
1113	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	1633
1113	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	75.3	15.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.1	1633
1113	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	75.3	53.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.9	1633
1113	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	75.3	190.9	-3.0	0.0	0.0	0.0	0.0	0.0	-194.2	1633

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1116	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.9	2514
1116	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2514
1116	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	16.6	2514

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1116	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.0	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.1	2514
1116	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2514
1116	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.1	2514
1116	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.0	82.4	-3.0	0.0	0.0	0.0	0.0	0.0	-69.4	2514
1116	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.0	293.8	-3.0	0.0	0.0	0.0	0.0	0.0	-302.4	2514

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1119	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2124
1119	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	2124
1119	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8	2124
1119	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.3	2124
1119	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2124
1119	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.5	20.5	-3.0	0.0	0.0	0.0	0.0	0.0	3.4	2124
1119	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.5	69.6	-3.0	0.0	0.0	0.0	0.0	0.0	-50.5	2124
1119	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.5	248.2	-3.0	0.0	0.0	0.0	0.0	0.0	-246.0	2124

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1122	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2495
1122	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.5	2495
1122	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	2495
1122	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	2495
1122	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2495
1122	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.9	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	-3.3	2495
1122	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.9	81.8	-3.0	0.0	0.0	0.0	0.0	0.0	-71.9	2495
1122	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.9	291.7	-3.0	0.0	0.0	0.0	0.0	0.0	295.8	2495

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1125	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	12.6	1893
1125	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.2	1893
1125	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.0	1893
1125	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1893
1125	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1893
1125	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.5	18.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.3	1893
1125	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.5	62.0	-3.0	0.0	0.0	0.0	0.0	0.0	-51.7	1893
1125	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.5	221.3	-3.0	0.0	0.0	0.0	0.0	0.0	-225.9	1893

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1128	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.9	2308
1128	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2308
1128	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.6	2308
1128	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2308
1128	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.3	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.1	2308
1128	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.3	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.8	2308
1128	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.3	75.6	-3.0	0.0	0.0	0.0	0.0	0.0	-63.4	2308
1128	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.3	269.8	-3.0	0.0	0.0	0.0	0.0	0.0	-271.9	2308

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1131	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.3	2800
1131	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.2	2800
1131	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	2800
1131	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.8	2800

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1131	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2800
1131	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.9	27.1	-3.0	0.0	0.0	0.0	0.0	0.0	-5.5	2800
1131	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.9	91.7	-3.0	0.0	0.0	0.0	0.0	0.0	-76.4	2800
1131	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.9	327.2	-3.0	0.0	0.0	0.0	0.0	0.0	-323.5	2800

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1134	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.4	2168
1134	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.9	2168
1134	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	2168
1134	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.9	2168
1134	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.5	2168
1134	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6	2168
1134	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.7	71.0	-3.0	0.0	0.0	0.0	0.0	0.0	-61.9	2168
1134	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.7	253.4	-3.0	0.0	0.0	0.0	0.0	0.0	-259.2	2168

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1136	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.4	3060
1136	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	3060
1136	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	3060
1136	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.3	3060
1136	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.7	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	3060
1136	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.7	29.6	-3.0	0.0	0.0	0.0	0.0	0.0	-10.5	3060
1136	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.7	100.3	-3.0	0.0	0.0	0.0	0.0	0.0	-92.2	3060
1136	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.7	357.6	-3.0	0.0	0.0	0.0	0.0	0.0	-363.5	3060

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1159	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.5	2429
1159	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2429
1159	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	78.7	23.5	-3.0	0.0	0.0	0.0	0.0	0.0	-2.4	2429
1159	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	78.7	79.6	-3.0	0.0	0.0	0.0	0.0	0.0	-69.5	2429
1159	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	78.7	283.9	-3.0	0.0	0.0	0.0	0.0	0.0	-287.8	2429

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1161	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	2087
1161	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.9	2087
1161	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	2087
1161	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.5	2087
1161	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	77.4	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	2087
1161	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	77.4	20.2	-3.0	0.0	0.0	0.0	0.0	0.0	3.9	2087
1161	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	77.4	68.4	-3.0	0.0	0.0	0.0	0.0	0.0	-49.2	2087
1161	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	77.4	244.0	-3.0	0.0	0.0	0.0	0.0	0.0	-241.5	2087

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1164	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	76.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1816
1164	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	76.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1816
1164	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	76.2	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.4	1816
1164	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	76.2	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.1	1816
1164	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	76.2	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.4	1816
1164	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	76.2	17.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.4	1816
1164	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	76.2	59.5	-3.0	0.0	0.0	0.0	0.0	0.0	-48.8	1816
1164	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	76.2	212.3	-3.0	0.0	0.0	0.0	0.0	0.0	-216.6	1816

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1167	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2583
1167	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2583
1167	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.3	2583
1167	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	79.2	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	2583
1167	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.4	2583
1167	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	79.2	25.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.8	2583
1167	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	79.2	84.6	-3.0	0.0	0.0	0.0	0.0	0.0	-71.9	2583
1167	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	79.2	301.9	-3.0	0.0	0.0	0.0	0.0	0.0	-310.7	2583

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1170	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2334
1170	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.8	2334
1170	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	2334
1170	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2334
1170	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.9	2334
1170	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.5	2334
1170	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	78.4	76.5	-3.0	0.0	0.0	0.0	0.0	0.0	-64.4	2334
1170	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	78.4	272.8	-3.0	0.0	0.0	0.0	0.0	0.0	-275.0	2334

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1173	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	2092
1173	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.2	2092
1173	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	2092
1173	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	2092

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1173	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.4	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.1	2092
1173	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.4	20.2	-3.0	0.0	0.0	0.0	0.0	0.0	-2.5	2092
1173	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.4	68.5	-3.0	0.0	0.0	0.0	0.0	0.0	-59.1	2092
1173	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.4	244.5	-3.0	0.0	0.0	0.0	0.0	0.0	-250.0	2092

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1176	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.2	2842
1176	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1	2842
1176	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	2842
1176	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.5	2842
1176	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	12.8	2842
1176	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	0.0	0.0	0.0	-6.0	2842
1176	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	80.1	93.1	-3.0	0.0	0.0	0.0	0.0	0.0	-77.9	2842
1176	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	80.1	332.2	-3.0	0.0	0.0	0.0	0.0	0.0	-328.6	2842

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1179	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.6	2993
1179	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	2993
1179	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2993
1179	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6	2993
1179	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.1	2993
1179	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	80.5	28.9	-3.0	0.0	0.0	0.0	0.0	0.0	-9.6	2993
1179	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	80.5	98.1	-3.0	0.0	0.0	0.0	0.0	0.0	-89.8	2993
1179	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	80.5	349.8	-3.0	0.0	0.0	0.0	0.0	0.0	-355.5	2993

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1181	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8	2332
1181	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	17.2	2332
1181	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	2332
1181	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	2332
1181	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	78.4	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.3	2332
1181	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	78.4	22.5	-3.0	0.0	0.0	0.0	0.0	0.0	-5.8	2332
1181	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	78.4	76.4	-3.0	0.0	0.0	0.0	0.0	0.0	-67.9	2332
1181	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	78.4	272.5	-3.0	0.0	0.0	0.0	0.0	0.0	-279.0	2332

Immissionspunkt
Bez.: IP70 Dorstener Landweg 6
ID:
X: 32357728.32 m
Y: 5740892.79 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1156	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	9.2	1017
1156	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	12.3	0.0	0.0	12.6	1017
1156	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	14.9	0.0	0.0	12.1	1017
1156	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.1	2.0	-3.0	0.0	0.0	17.7	0.0	0.0	11.1	1017
1156	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	20.0	0.0	0.0	8.7	1017
1156	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	20.0	0.0	0.0	-1.2	1017
1156	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.1	33.3	-3.0	0.0	0.0	20.0	0.0	0.0	-35.7	1017
1156	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.1	118.9	-3.0	0.0	0.0	20.0	0.0	0.0	-135.2	1017

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1158	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1347
1158	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1347
1158	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1347
1158	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.6	1347
1158	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1347
1158	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1347
1158	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	73.6	44.2	-3.0	0.0	0.0	0.0	0.0	0.0	-24.8	1347
1158	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	73.6	157.5	-3.0	0.0	0.0	0.0	0.0	0.0	-160.0	1347

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1162	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	10.1	0.0	0.0	6.6	1185
1162	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	12.4	0.0	0.0	11.1	1185
1162	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	15.1	0.0	0.0	10.7	1185
1162	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	17.9	0.0	0.0	6.2	1185
1162	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.5	4.3	-3.0	0.0	0.0	20.0	0.0	0.0	1.4	1185
1162	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.5	11.4	-3.0	0.0	0.0	20.0	0.0	0.0	-8.8	1185
1162	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.5	38.8	-3.0	0.0	0.0	20.0	0.0	0.0	-44.4	1185
1162	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.5	138.5	-3.0	0.0	0.0	20.0	0.0	0.0	-159.0	1185

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1166	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	9.9	0.0	0.0	5.2	1427
1166	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	12.2	0.0	0.0	9.6	1427
1166	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	14.8	0.0	0.0	9.1	1427
1166	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	17.6	0.0	0.0	4.4	1427
1166	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	20.0	0.0	0.0	-1.1	1427
1166	32357366.00

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1184	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	18.6	0.0	0.0	-3.9	2608
1184	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	79.3	25.2	-3.0	0.0	0.0	20.0	0.0	0.0	-24.7	2608
1184	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	79.3	85.5	-3.0	0.0	0.0	20.0	0.0	0.0	-96.0	2608
1184	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	79.3	304.8	-3.0	0.0	0.0	20.0	0.0	0.0	-329.4	2608

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1186	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	8.5	0.0	0.0	2.8	2188
1186	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	10.5	0.0	0.0	4.9	2188
1186	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	12.8	0.0	0.0	2.4	2188
1186	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	15.5	0.0	0.0	1.0	2188
1186	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	18.3	0.0	0.0	-3.3	2188
1186	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	77.8	21.1	-3.0	0.0	0.0	20.0	0.0	0.0	-17.5	2188
1186	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	77.8	71.7	-3.0	0.0	0.0	20.0	0.0	0.0	-79.0	2188
1186	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	77.8	255.7	-3.0	0.0	0.0	20.0	0.0	0.0	-277.3	2188

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1188	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	9.3	0.0	0.0	2.8	2002
1188	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	11.4	0.0	0.0	7.2	2002
1188	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	14.0	0.0	0.0	6.4	2002
1188	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	16.7	0.0	0.0	1.2	2002
1188	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	19.6	0.0	0.0	-5.7	2002
1188	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	20.0	0.0	0.0	-21.3	2002
1188	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	77.0	65.6	-3.0	0.0	0.0	20.0	0.0	0.0	-75.7	2002
1188	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	77.0	234.0	-3.0	0.0	0.0	20.0	0.0	0.0	-259.1	2002

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1190	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	7.9	0.0	0.0	2.6	2731
1190	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	9.7	0.0	0.0	5.8	2731
1190	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	11.9	0.0	0.0	3.4	2731
1190	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	79.7	5.3	-3.0	0.0	0.0	14.5	0.0	0.0	-0.4	2731
1190	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	79.7	10.0	-3.0	0.0	0.0	17.3	0.0	0.0	-3.7	2731
1190	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	79.7	26.4	-3.0	0.0	0.0	20.0	0.0	0.0	-24.6	2731
1190	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	79.7	89.5	-3.0	0.0	0.0	20.0	0.0	0.0	-93.9	2731
1190	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	79.7	319.3	-3.0	0.0	0.0	20.0	0.0	0.0	-335.3	2731

Immissionspunkt
Bez.: IP71 Große Heide 6
ID:
X: 32356384.80 m
Y: 5740751.37 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1149	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	62.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.4	361
1149	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	62.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.4	361
1149	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	62.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	36.8	361
1149	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	62.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	37.9	361
1149	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	62.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	39.9	361
1149	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	62.2	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	37.7	361
1149	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	62.2	11.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	361
1149	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	62.2	42.2	-3.0	0.0	0.0	0.0	0.0	0.0	-33.3	361

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1152	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	72.7	0.1	-3.0	0.0	0.0	8.9	0.0	0.0	8.3	1212
1152	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	72.7	0.5	-3.0	0.0	0.0	10.9	0.0	0.0	12.3	1212
1152	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	72.7	1.3	-3.0	0.0	0.0	13.3	0.0	0.0	12.5	1212
1152	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	72.7	2.3	-3.0	0.0	0.0	16.0	0.0	0.0	10.4	1212
1152	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	72.7	4.4	-3.0	0.0	0.0	18.9	0.0	0.0	7.7	1212
1152	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.7	11.7	-3.0	0.0	0.0	20.0	0.0	0.0	-1.1	1212
1152	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	72.7	39.7	-3.0	0.0	0.0	20.0	0.0	0.0	-38.8	1212
1152	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	72.7	141.7	-3.0	0.0	0.0	20.0	0.0	0.0	-162.5	1212

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1155	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.4	1256
1155	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.0	1256
1155	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.9	1256
1155	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1256
1155	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1256
1155	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	73.0	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.7	1256
1155	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	73.0	41.2	-3.0	0.0	0.0	0.0	0.0	0.0	-25.4	1256
1155	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	73.0	146.9	-3.0	0.0	0.0	0.0	0.0	0.0	-145.0	1256

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1160	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	8.8	0.0	0.0	6.7	1327
1160	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	10.9	0.0	0.0	9.8	1327
1160	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	13.3	0.0	0.0	10.0	1327
1160	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	16.0	0.0	0.0	8.0	1327
1160	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	18.9	0.0	0.0	5.9	1327
1160	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	73.5	12.8	-3.0	0.0	0.0	20.0	0.0	0.0	-2.9	1327
1160	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	73.5	43.5	-3.0	0.0	0.0	20.0	0.0	0.0	-44.9	1327
1160	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	73.5	155.1	-3.0	0.0	0.0	20.0	0.0	0.0	-178.1	1327

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1163	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	72.9	0.2	-3.0	0.0	0.0	8.8	0.0	0.0	7.5	1251
1163	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.9	0.5	-3.0	0.0	0.0	10.8	0.0	0.0	9.8	1251
1163	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	72.9	1.3	-3.0	0.0	0.0	13.3	0.0	0.0	7.8	1251

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1163	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	72.9	2.4	-3.0	0.0	0.0	16.0	0.0	0.0	7.2	1251
1163	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	72.9	4.6	-3.0	0.0	0.0	18.8	0.0	0.0	4.5	1251
1163	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	72.9	12.1	-3.0	0.0	0.0	20.0	0.0	0.0	-3.6	1251
1163	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	72.9	41.0	-3.0	0.0	0.0	20.0	0.0	0.0	-43.4	1251
1163	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	72.9	146.2	-3.0	0.0	0.0	20.0	0.0	0.0	-162.9	1251

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1165	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	6.2	1462
1165	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	9.7	0.0	0.0	9.5	1462
1165	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	11.9	0.0	0.0	8.9	1462
1165	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	14.5	0.0	0.0	7.3	1462
1165	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	17.2	0.0	0.0	3.6	1462
1165	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	20.0	0.0	0.0	-6.9	1462
1165	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	74.3	47.9	-3.0	0.0	0.0	20.0	0.0	0.0	-45.6	1462
1165	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	74.3	170.9	-3.0	0.0	0.0	20.0	0.0	0.0	-185.4	1462

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1168	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	8.6	0.0	0.0	6.4	1661
1168	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	10.6	0.0	0.0	9.7	1661
1168	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	13.0	0.0	0.0	7.8	1661
1168	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	15.6	0.0	0.0	4.9	1661
1168	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	18.5	0.0	0.0	3.4	1661
1168	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	75.4	16.0	-3.0	0.0	0.0	20.0	0.0	0.0	-10.0	1661
1168	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	75.4	54.4	-3.0	0.0	0.0	20.0	0.0	0.0	-54.5	1661
1168	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	75.4	194.1	-3.0	0.0	0.0	20.0	0.0	0.0	-205.8	1661

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1171	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5	1368
1171	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.2	1368
1171	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1368
1171	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1368
1171	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.5	1368
1171	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.2	1368
1171	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.7	44.8	-3.0	0.0	0.0	0.0	0.0	0.0	-31.7	1368
1171	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.7	159.9	-3.0	0.0	0.0	0.0	0.0	0.0	-161.7	1368

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1174	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	7.1	0.0	0.0	6.1	1993
1174	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	8.6	0.0	0.0	10.1	1993
1174	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	10.6	0.0	0.0	9.5	1993
1174	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.0	3.8	-3.0	0.0	0.0	13.0	0.0	0.0	8.0	1993
1174	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	15.7	0.0	0.0	3.6	1993
1174	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.0	19.3	-3.0	0.0	0.0	18.6	0.0	0.0	-15.0	1993
1174	32357170.00	5738925.00

Immissionspunkt
Bez.: IP72 Horenfeld 20
ID:
X: 32356414.54 m
Y: 5740461.27 m
Z: 2.50 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1187	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	67.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	634
1187	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	67.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	28.4	634
1187	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	67.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.6	634
1187	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	67.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.5	634
1187	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	67.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	34.0	634
1187	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	67.0	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.1	634
1187	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	67.0	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	5.1	634
1187	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	67.0	74.2	-3.0	0.0	0.0	0.0	0.0	0.0	-70.1	634

Punktquelle nach ISO 9613, Bez: "Marb. WEA04, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1189	32355253.00	5740349.00	166.60	0	N	63	87.0	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	11.1	0.0	0.0	6.3	1178
1189	32355253.00	5740349.00	166.60	0	N	125	93.4	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	13.5	0.0	0.0	10.0	1178
1189	32355253.00	5740349.00	166.60	0	N	250	96.8	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	16.2	0.0	0.0	9.9	1178
1189	32355253.00	5740349.00	166.60	0	N	500	98.4	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	19.1	0.0	0.0	7.6	1178
1189	32355253.00	5740349.00	166.60	0	N	1000	100.7	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	20.0	0.0	0.0	7.0	1178
1189	32355253.00	5740349.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	20.0	0.0	0.0	-0.5	1178
1189	32355253.00	5740349.00	166.60	0	N	4000	90.6	0.0	0.0	0.0	72.4	38.6	-3.0	0.0	0.0	20.0	0.0	0.0	-37.4	1178
1189	32355253.00	5740349.00	166.60	0	N	8000	68.8	0.0	0.0	0.0	72.4	137.7	-3.0	0.0	0.0	20.0	0.0	0.0	-158.4	1178

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1191	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	71.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1071
1191	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	71.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1071
1191	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	71.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.5	1071
1191	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	71.6	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.2	1071
1191	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	71.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.1	1071
1191	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	71.6	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1071
1191	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	71.6	35.1	-3.0	0.0	0.0	0.0	0.0	0.0	-17.9	1071
1191	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	71.6	125.2	-3.0	0.0	0.0	0.0	0.0	0.0	-122.0	1071

Punktquelle nach ISO 9613, Bez: "Marb. WEA03, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1192	32355375.00	5739906.00	166.60	0	N	63	86.2	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	11.1	0.0	0.0	5.5	1190
1192	32355375.00	5739906.00	166.60	0	N	125	91.7	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	13.5	0.0	0.0	8.2	1190
1192	32355375.00	5739906.00	166.60	0	N	250	95.2	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	16.2	0.0	0.0	8.2	1190
1192	32355375.00	5739906.00	166.60	0	N	500	97.0	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	19.1	0.0	0.0	6.1	1190
1192	32355375.00	5739906.00	166.60	0	N	1000	100.1	0.0	0.0	0.0	72.5	4.4	-3.0	0.0	0.0	20.0	0.0	0.0	6.2	1190
1192	32355375.00	5739906.00	166.60	0	N	2000	100.4	0.0	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	20.0	0.0	0.0	-0.6	1190
1192	32355375.00	5739906.00	166.60	0	N	4000	89.0	0.0	0.0	0.0	72.5	39.0	-3.0	0.0	0.0	20.0	0.0	0.0	-39.5	1190
1192	32355375.00	5739906.00	166.60	0	N	8000	67.4	0.0	0.0	0.0	72.5	139.1	-3.0	0.0	0.0	20.0	0.0	0.0	-161.2	1190

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1194	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	6.5	0.0	0.0	11.8	996
1194	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	8.9	0.0	0.0	13.8	996
1194	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	11.6	0.0	0.0	11.6	996

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1194	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	14.5	0.0	0.0	11.1	996
1194	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	71.0	3.6	-3.0	0.0	0.0	16.7	0.0	0.0	9.5	996
1194	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	71.0	9.6	-3.0	0.0	0.0	18.0	0.0	0.0	2.8	996
1194	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	71.0	32.6	-3.0	0.0	0.0	18.9	0.0	0.0	-32.0	996
1194	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	71.0	116.4	-3.0	0.0	0.0	19.4	0.0	0.0	-130.5	996

Punktquelle nach ISO 9613, Bez: "Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1196	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0	1180
1196	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1180
1196	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1180
1196	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.2	1180
1196	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1180
1196	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.7	1180
1196	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	0.0	0.0	0.0	-14.5	1180
1196	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	72.4	137.9	-3.0	0.0	0.0	0.0	0.0	0.0	-130.6	1180

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1198	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	10.8	0.0	0.0	5.4	1451
1198	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	13.2	0.0	0.0	8.3	1451
1198	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	15.8	0.0	0.0	6.3	1451
1198	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	18.7	0.0	0.0	3.4	1451
1198	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	20.0	0.0	0.0	3.8	1451
1198	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	20.0	0.0	0.0	-6.8	1451
1198	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.2	47.5	-3.0	0.0	0.0	20.0	0.0	0.0	-46.5	1451
1198	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.2	169.6	-3.0	0.0	0.0	20.0	0.0	0.0	-180.1	1451

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1200	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.0	1156
1200	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1156
1200	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	26.0	1156
1200	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1156
1200	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.3	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1156
1200	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.3	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	1156
1200	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.3	37.9	-3.0	0.0	0.0	0.0	0.0	0.0	-23.2	1156
1200	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.3	135.1	-3.0	0.0	0.0	0.0	0.0	0.0	-135.4	1156

Punktquelle nach ISO 9613, Bez: "Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1202	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	9.9	1718
1202	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	4.5	0.0	0.0	15.6	1718
1202	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	4.3	0.0	0.0	17.4	1718
1202	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	3.8	0.0	0.0	19.1	1718
1202	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	2.5	0.0	0.0	19.1	1718
1202	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	7.5	1718
1202	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.7	56.3	-3.0	0.0	0.0	0.0	0.0	0.0	-43.2	1718
1202	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.7	200.8	-3.0	0.0	0.0	0.0	0.0	0.0	-201.7	1718

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1205	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.7	1344
1205	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.4	1344
1205	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.5	1344
1205	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1344

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1205	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.7	1344
1205	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.5	1344
1205	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.6	44.1	-3.0	0.0	0.0	0.0	0.0	0.0	-30.7	1344
1205	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.6	157.1	-3.0	0.0	0.0	0.0	0.0	0.0	-158.8	1344

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1209	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.0	1444
1209	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1444
1209	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8	1444
1209	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	1444
1209	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.7	1444
1209	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.0	1444
1209	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.2	47.3	-3.0	0.0	0.0	0.0	0.0	0.0	-34.6	1444
1209	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.2	168.8	-3.0	0.0	0.0	0.0	0.0	0.0	-171.1	1444

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1212	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.5	1540
1212	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1540
1212	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.1	1540
1212	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.7	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.1	1540
1212	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	17.8	1540
1212	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.7	14.9	-3.0	0.0	0.0	0.0	0.0	0.0	5.5	1540
1212	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.7	50.5	-3.0	0.0	0.0	0.0	0.0	0.0	-38.3	1540
1212	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.7	180.0	-3.0	0.0	0.0	0.0	0.0	0.0	-182.8	1540

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1214

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1213	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	13.1	0.0	0.0	12.9	958
1213	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	15.9	0.0	0.0	10.7	958
1213	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	70.6	9.3	-3.0	0.0	0.0	18.8	0.0	0.0	2.7	958
1213	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	70.6	31.4	-3.0	0.0	0.0	19.5	0.0	0.0	-31.0	958
1213	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	70.6	112.0	-3.0	0.0	0.0	19.7	0.0	0.0	-126.2	958

Punktquelle nach ISO 9613, Bez: ""Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1215	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	6.1	0.0	0.0	10.5	1104
1215	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	7.1	0.0	0.0	14.7	1104
1215	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	8.6	0.0	0.0	15.0	1104
1215	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	10.5	0.0	0.0	14.4	1104
1215	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	71.9	4.0	-3.0	0.0	0.0	12.9	0.0	0.0	11.7	1104
1215	32356822.00	5739365.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	71.9	10.7	-3.0	0.0	0.0	15.6	0.0	0.0	3.4	1104
1215	32356822.00	5739365.00	160.00	0	N	4000	93.6	0.0	0.0	0.0	71.9	36.2	-3.0	0.0	0.0	18.4	0.0	0.0	-29.9	1104
1215	32356822.00	5739365.00	160.00	0	N	8000	76.8	0.0	0.0	0.0	71.9	129.1	-3.0	0.0	0.0	20.0	0.0	0.0	-141.1	1104

Punktquelle nach ISO 9613, Bez: "Marb. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1216	32355458.00	5739382.00	160.00	0	N	63	87.6	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	7.5	0.0	0.0	8.8	1433
1216	32355458.00	5739382.00	160.00	0	N	125	93.3	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	9.2	0.0	0.0	12.4	1433
1216	32355458.00	5739382.00	160.00	0	N	250	94.9	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	11.3	0.0	0.0	11.0	1433
1216	32355458.00	5739382.00	160.00	0	N	500	96.1	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	13.8	0.0	0.0	8.4	1433
1216	32355458.00	5739382.00	160.00	0	N	1000	100.3	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	16.6	0.0	0.0	7.4	1433
1216	32355458.00	5739382.00	160.00	0	N	2000	98.5	0.0	0.0	0.0	74.1	13.8	-3.0	0.0	0.0	19.4	0.0	0.0	-5.9	1433
1216	32355458.00	5739382.00	160.00	0	N	4000	92.3	0.0	0.0	0.0	74.1	47.0	-3.0	0.0	0.0	20.0	0.0	0.0	-45.8	1433
1216	32355458.00	5739382.00	160.00	0	N	8000	80.7	0.0	0.0	0.0	74.1	167.5	-3.0	0.0	0.0	20.0	0.0	0.0	-177.9	1433

Punktquelle nach ISO 9613, Bez: "Schl. WEA03, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1218	32357341.00	5739777.00	96.00	0	N	63	86.4	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.6	1082
1218	32357341.00	5739777.00	96.00	0	N	125	93.5	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.4	1082
1218	32357341.00	5739777.00	96.00	0	N	250	96.5	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	1082
1218	32357341.00	5739777.00	96.00	0	N	500	95.8	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.0	1082
1218	32357341.00	5739777.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.6	1082
1218	32357341.00	5739777.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	13.0	1082
1218	32357341.00	5739777.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	71.7	35.5	-3.0	0.0	0.0	0.0	0.0	0.0	-20.2	1082
1218	32357341.00	5739777.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	71.7	126.5	-3.0	0.0	0.0	0.0	0.0	0.0	-126.2	1082

Punktquelle nach ISO 9613, Bez: ""Schl. WEA09, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1220	32357170.00	5738925.00	149.00	0	N	63	87.5	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	5.2	0.0	0.0	9.8	1641
1220	32357170.00	5738925.00	149.00	0	N	125	93.5	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	5.6	0.0	0.0	14.9	1641
1220	32357170.00	5738925.00	149.00	0	N	250	96.2	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	6.4	0.0	0.0	15.8	1641
1220	32357170.00	5738925.00	149.00	0	N	500	98.9	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	7.5	0.0	0.0	15.9	1641
1220	32357170.00	5738925.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	9.2	0.0	0.0	13.1	1641
1220	32357170.00	5738925.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	11.3	0.0	0.0	-2.7	1641
1220	32357170.00	5738925.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	75.3	53.8	-3.0	0.0	0.0	13.8	0.0	0.0	-54.1	1641
1220	32357170.00	5738925.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	75.3	191.7	-3.0	0.0	0.0	16.6	0.0	0.0	-208.8	1641

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1222	32357366.00	5739516.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.2	1268
1222	32357366.00	5739516.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.9	1268
1222	32357366.00	5739516.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.1	1268
1222	32357366.00	5739516.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	1268

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1222	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.1	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.5	1268
1222	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.1	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	9.8	1268
1222	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.1	41.5	-3.0	0.0	0.0	0.0	0.0	0.0	-27.7	1268
1222	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.1	148.2	-3.0	0.0	0.0	0.0	0.0	0.0	-149.3	1268

Punktquelle nach ISO 9613, Bez: ""Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1224	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	6.4	0.0	0.0	9.1	1369
1224	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	7.5	0.0	0.0	14.7	1369
1224	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	9.2	0.0	0.0	15.1	1369
1224	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	11.4	0.0	0.0	11.1	1369
1224	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	13.9	0.0	0.0	5.6	1369
1224	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	16.6	0.0	0.0	-8.5	1369
1224	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.7	44.8	-3.0	0.0	0.0	19.5	0.0	0.0	-51.2	1369
1224	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.7	160.0	-3.0	0.0	0.0	20.0	0.0	0.0	-181.8	1369

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1226	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.9	1461
1226	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	1461
1226	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.7	1461
1226	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1461
1226	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	74.3	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.6	1461
1226	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	74.3	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	6.7	1461
1226	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	74.3	47.9	-3.0	0.0	0.0	0.0	0.0	0.0	-35.3	1461
1226	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	74.3	170.8	-3.0	0.0	0.0	0.0	0.0	0.0	-173.2	1461

Punktquelle nach ISO 9613, Bez: ""Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1227	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	5.8	0.0	0.0	6.8	2140
1227	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	6.6	0.0	0.0	11.4	2140
1227	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	7.9	0.0	0.0	11.5	2140
1227	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	9.7	0.0	0.0	10.5	2140
1227	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	77.6	7.8	-3.0	0.0	0.0	11.9	0.0	0.0	6.2	2140
1227	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	77.6	20.7	-3.0	0.0	0.0	14.5	0.0	0.0	-13.0	2140
1227	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	77.6	70.1	-3.0	0.0	0.0	17.3	0.0	0.0	-76.2	2140
1227	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	77.6	250.1	-3.0	0.0	0.0	20.0	0.0	0.0	-273.0	2140

Immissionspunkt
Bez.: IP74 Horenfeld 23
ID:
X: 32356446.92 m
Y: 5740206.10 m
Z: 5.00 m

Punktquelle nach ISO 9613, Bez: "Marb. WEA05, E-160 EP5 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1193	32356403.00	5741074.00	166.60	0	N	63	86.6	0.0	0.0	0.0	69.9	0.1	-3.0	0.0	0.0	5.8	0.0	0.0	13.8	884
1193	32356403.00	5741074.00	166.60	0	N	125	92.7	0.0	0.0	0.0	69.9	0.4	-3.0	0.0	0.0	7.9	0.0	0.0	17.5	884
1193	32356403.00	5741074.00	166.60	0	N	250	96.3	0.0	0.0	0.0	69.9	0.9	-3.0	0.0	0.0	10.4	0.0	0.0	18.0	884
1193	32356403.00	5741074.00	166.60	0	N	500	97.8	0.0	0.0	0.0	69.9	1.7	-3.0	0.0	0.0	13.1	0.0	0.0	16.0	884
1193	32356403.00	5741074.00	166.60	0	N	1000	100.4	0.0	0.0	0.0	69.9	3.2	-3.0	0.0	0.0	16.0	0.0	0.0	14.3	884
1193	32356403.00	5741074.00	166.60	0	N	2000	100.3	0.0	0.0	0.0	69.9	8.5	-3.0	0.0	0.0	17.9	0.0	0.0	7.0	884
1193	32356403.00	5741074.00	166.60	0	N	4000	89.9	0.0	0.0	0.0	69.9	29.0	-3.0	0.0	0.0	18.8	0.0	0.0	-24.8	884
1193	32356403.00	5741074.00	166.60	0	N	8000	68.1	0.0	0.0	0.0	69.9	103.3	-3.0	0.0	0.0	19.3	0.0	0.0	-121.5	884

Punktquelle nach ISO 9613, Bez: "Schl. WEA08, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1195	32357350.00	5739960.00	149.00	0	N	63	87.5	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	947
1195	32357350.00	5739960.00	149.00	0	N	125	93.5	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.6	947
1195	32357350.00	5739960.00	149.00	0	N	250	96.2	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.7	947
1195	32357350.00	5739960.00	149.00	0	N	500	98.9	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	29.5	947
1195	32357350.00	5739960.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	70.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.6	947
1195	32357350.00	5739960.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	70.5	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.1	947
1195	32357350.00	5739960.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	70.5	31.0	-3.0	0.0	0.0	0.0	0.0	0.0	-12.8	947
1195	32357350.00	5739960.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	70.5	110.7	-3.0	0.0	0.0	0.0	0.0	0.0	-106.4	947

Punktquelle nach ISO 9613, Bez: "Marb. WEA02, E-138 EP3 E3", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1197	32355989.00	5739575.00	160.00	0	N	63	86.4	0.0	0.0	0.0	69.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	795
1197	32355989.00	5739575.00	160.00	0	N	125	91.1	0.0	0.0	0.0	69.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.8	795
1197	32355989.00	5739575.00	160.00	0	N	250	92.3	0.0	0.0	0.0	69.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.5	795
1197	32355989.00	5739575.00	160.00	0	N	500	95.5	0.0	0.0	0.0	69.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	28.0	795
1197	32355989.00	5739575.00	160.00	0	N	1000	97.8	0.0	0.0	0.0	69.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.9	795
1197	32355989.00	5739575.00	160.00	0	N	2000	98.4	0.0	0.0	0.0	69.0	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	795
1197	32355989.00	5739575.00	160.00	0	N	4000	87.5	0.0	0.0	0.0	69.0	26.1	-3.0	0.0	0.0	0.0	0.0	0.0	-4.6	795
1197	32355989.00	5739575.00	160.00	0	N	8000	73.2	0.0	0.0	0.0	69.0	92.9	-3.0	0.0	0.0	0.0	0.0	0.0	-85.7	795

Punktquelle nach ISO 9613, Bez: ""Schl. WEA01, E-138 EP3 E2", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1199	32356822.00	5739365.00	160.00	0	N	63	85.6	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.1	934
1199	32356822.00	5739365.00	160.00	0	N	125	91.1	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.3	934
1199	32356822.00	5739365.00	160.00	0	N	250	93.6	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	934
1199	32356822.00	5739365.00	160.00	0	N	500	95.9	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	934
1199	32356822.00	5739365.00	160.00	0	N	1000	97.5	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.7	934
1199	32356822.00	5739365.00	160.00	0	N	2000	98.5

Punktquelle nach ISO 9613, Bez: "Schl. WEA04, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1219	32357366.00	5739516.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.7	1153
1219	32357366.00	5739516.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.7	1153
1219	32357366.00	5739516.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.2	37.8	-3.0	0.0	0.0	0.0	0.0	0.0	-23.1	1153
1219	32357366.00	5739516.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.2	134.8	-3.0	0.0	0.0	0.0	0.0	0.0	-135.1	1153

Punktquelle nach ISO 9613, Bez: "Schl. WEA02, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1221	32356860.00	5739091.00	96.00	0	N	63	86.4	0.0	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.7	1193
1221	32356860.00	5739091.00	96.00	0	N	125	93.5	0.0	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.5	1193
1221	32356860.00	5739091.00	96.00	0	N	250	96.5	0.0	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.7	1193
1221	32356860.00	5739091.00	96.00	0	N	500	95.8	0.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.0	1193
1221	32356860.00	5739091.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	72.5	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1193
1221	32356860.00	5739091.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.0	1193
1221	32356860.00	5739091.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	72.5	39.1	-3.0	0.0	0.0	0.0	0.0	0.0	-24.7	1193
1221	32356860.00	5739091.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	72.5	139.4	-3.0	0.0	0.0	0.0	0.0	0.0	-140.0	1193

Punktquelle nach ISO 9613, Bez: "Schl. WEA05, GEW 1.5sL", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1223	32357349.00	5739241.00	96.00	0	N	63	86.4	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8	1324
1223	32357349.00	5739241.00	96.00	0	N	125	93.5	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.5	1324
1223	32357349.00	5739241.00	96.00	0	N	250	96.5	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7	1324
1223	32357349.00	5739241.00	96.00	0	N	500	95.8	0.0	0.0	0.0	73.4	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.8	1324
1223	32357349.00	5739241.00	96.00	0	N	1000	95.2	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.9	1324
1223	32357349.00	5739241.00	96.00	0	N	2000	92.1	0.0	0.0	0.0	73.4	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.9	1324
1223	32357349.00	5739241.00	96.00	0	N	4000	83.9	0.0	0.0	0.0	73.4	43.4	-3.0	0.0	0.0	0.0	0.0	0.0	-29.9	1324
1223	32357349.00	5739241.00	96.00	0	N	8000	68.9	0.0	0.0	0.0	73.4	154.8	-3.0	0.0	0.0	0.0	0.0	0.0	-156.3	1324

Punktquelle nach ISO 9613, Bez: "Schl. WEA10, Enercon E-115", ID: ""

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr	Dist
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	(m)
1225	32357111.00	5738363.00	149.00	0	N	63	87.5	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.4	1964
1225	32357111.00	5738363.00	149.00	0	N	125	93.5	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8	1964
1225	32357111.00	5738363.00	149.00	0	N	250	96.2	0.0	0.0	0.0	76.9	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	20.3	1964
1225	32357111.00	5738363.00	149.00	0	N	500	98.9	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.2	1964
1225	32357111.00	5738363.00	149.00	0	N	1000	100.6	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.6	1964
1225	32357111.00	5738363.00	149.00	0	N	2000	96.8	0.0	0.0	0.0	76.9	19.0	-3.0	0.0	0.0	0.0	0.0	0.0	4.0	1964
1225	32357111.00	5738363.00	149.00	0	N	4000	85.8	0.0	0.0	0.0	76.9	64.4	-3.0	0.0	0.0	0.0	0.0	0.0	-52.4	1964
1225	32357111.00	5738363.00	149.00	0	N	8000	71.8	0.0	0.0	0.0	76.9	229.6	-3.0	0.0	0.0	0.0	0.0	0.0	-231.7	1964

Anhang C Auszüge aus den einzelnen Messberichten / Garantiewerten / Herstellerangaben mit den wesentlichen Angaben zu den Geräuschen – 24 Seiten, getrennte Zählung

Technisches Datenblatt Nr. D02952682/1.0 vom 19.07.2024 der ENERCON GmbH: „Oktavbandpegel Betriebsmodus NR IV s-1 Enercon Windenergieanlage E-160 EP5 E3 R1 / 5560 kW“

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Technisches Datenblatt

Oktavbandpegel Betriebsmodus NR IV s-1

ENERCON Windenergieanlage E-160 EP5 E3 R1 / 5560 kW

ENERCON
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Freigabe: 2024-08-01 12:21

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ISO 266:1997	Acoustic – Preferred frequencies

Zugehörige Dokumente

Dokument-ID	Dokument
diverse	Datenblatt Betriebsmodus

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Inhaltsverzeichnis

1 Verfügbarkeit Betriebsmodus 6

2 Allgemeines 7

3 Informationen zu Oktavbandpegeln 7

4 Oktavbandpegel des lautesten Zustands 8

Freigabe: 2024-08-01 12:21

Abkürzungsverzeichnis

Abkürzungen

EIO	Ersatzimmissionsort
HST	Hybrid-Stahlturm
HT	Hybridturm
IO	Immissionsort
NH	Nabenhöhe
ST	Stahlturm

Größen, Einheiten, Formeln

L_O	Oktavbandpegel
L_T	Terzbandpegel
v_H	Windgeschwindigkeit in Nabenhöhe

Freigabe: 2024-08-01 12:21

1 Verfügbarkeit Betriebsmodus

In der nachfolgenden Tabelle ist ersichtlich, für welche Turmvarianten bzw. Nabenhöhen der Betriebsmodus verfügbar ist.

Tab. 1: Verfügbarkeit Betriebsmodus

Betriebs-modus	Turmvariante und Nabenhöhe (NH)			
	E-160 EP5 E3-ST-99-FB-C-01/02	E-160 EP5 E3-HST-120-FB-C-01	E-160 EP5 E3-HT-160-ES-C-01	E-160 EP5 E3-HT-166-ES-C-01
	NH 99 m	NH 120 m	NH 160 m	NH 166 m
NR IV s-1	x	x	x	x

x = verfügbar

Freigabe: 2024-08-01 12:21

2 Allgemeines

Dieses Dokument beinhaltet Zusatzinformationen zum Datenblatt Betriebsmodus. Im Übrigen gelten die im Datenblatt Betriebsmodus aufgeführten Regelungen hinsichtlich der technischen Eigenschaften der Windenergieanlage.

3 Informationen zu Oktavbandpegeln

Für Oktavbandpegel bis zur Oktavbandmittenfrequenz von 2000 Hz gelten die Angaben zur Unsicherheit gemäß Datenblatt Betriebsmodus. Für Frequenzen größer 2000 Hz nehmen aufgrund physikalischer Effekte die Unsicherheiten zu. Diese Frequenzen haben keinen Einfluss auf den Immissionsort (IO) oder auf den Ersatzimmissionsort (EIO) und sind grundsätzlich vernachlässigbar. Bei verschiedenen Messungen an bestehenden ENERCON Windenergieanlagen verschiedener Typen gemäß den anwendbaren Richtlinien ergaben sich Unsicherheiten für die Oktavbandpegel im Frequenzbereich 4000 Hz bei ±2,5 dB(A) und im Frequenzbereich 8000 Hz bei ±8,0 dB(A). Angesichts der begrenzten Untersuchungen kann eine Reproduzierbarkeit dieser Messungen für alle ENERCON Windenergieanlagen bei gleichen Unsicherheiten nicht garantiert werden.

Die Zuordnung der Oktavbandpegel zur Windgeschwindigkeit in Nabenhöhe (v_H) gilt für alle Nabenhöhen (NH). Die Windgeschwindigkeit wird bei Messungen aus der Leistungsabgabe und der Leistungskennlinie bestimmt. Die nachfolgend angegebenen Oktavbandpegel wurden auf Basis von aeroakustischen Simulationen ermittelt. Die einzelnen Oktavbandpegelwerte können nicht garantiert werden. Der Summenpegel aller Oktavbandpegel pro Windgeschwindigkeit entspricht dem Schallleistungspegel bei dieser Windgeschwindigkeit, welcher im zugrundeliegenden Datenblatt für die jeweiligen Betriebsmodi angegeben ist. Daher ist der Summenpegel im Rahmen des im Datenblatt festgelegten Geltungsbereichs und auf Basis der anwendbaren Normen und Richtlinien einzuhalten.

Die angegebenen Oktavbandpegel des lautesten Zustands wurden aus den simulierten Terzbandpegelwerten gemäß den Frequenzbändern der ISO 266:1997 im Bereich von 25 Hz bis 10000 Hz erzeugt. Ein Oktavbandpegel L_O wird aus 3 Terzbandpegeln L_{T1}, L_{T2} und L_{T3} gemäß folgender Formel berechnet:

$$L_o = 10 \text{ x } \log\left(10^{\frac{L_{T1}}{10}} + 10^{\frac{L_{T2}}{10}} + 10^{\frac{L_{T3}}{10}}\right)$$

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4 Oktavbandpegel des lautesten Zustands

Folgende Oktavbandpegelwerte gelten unter Berücksichtigung der im Datenblatt Betriebsmodus aufgeführten Unsicherheiten.

Tab. 2: Oktavbandpegel in dB(A), bezogen auf Windgeschwindigkeit in Nabenhöhe v_H

v_H in m/s	Oktavbandmittenfrequenz in Hz							
	63	125	250	500	1000	2000	4000	8000
12	84,9	91,3	94,7	96,3	98,6	98,2	88,5	66,7

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Technisches Datenblatt

Oktavbandpegel Betriebsmodus NR V s-1

ENERCON Windenergieanlage E-160 EP5 E3 R1 / 5560 kW

ENERCON
ENERGIE FÜR DIE WELT

Freigabe: 2024-08-01 12:21

Herausgeber

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E-Mail: info@enercon.de ▪ Internet: http://www.enercon.de
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Zuständiges Amtsgericht: Aurich ▪ Handelsregisternummer: HRB 202549
Ust.Id.-Nr.: DE285537483

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Vermerk	Originaldokument

Datum	**Sprache**	**DCC**	**Werk / Abteilung**
2024-07-19	de	DA	WRD Wobben Research and Development GmbH / Documentation Department

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Übergeordnete Normen und Richtlinien

Dokument-ID	Dokument
ISO 266:1997	Acoustic – Preferred frequencies

Zugehörige Dokumente

Dokument-ID	Dokument
diverse	Datenblatt Betriebsmodus

Freigabe: 2024-08-01 12:21

Inhaltsverzeichnis

1 Verfügbarkeit Betriebsmodus 6

2 Allgemeines 7

3 Informationen zu Oktavbandpegeln 7

4 Oktavbandpegel des lautesten Zustands 8

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Abkürzungsverzeichnis

Abkürzungen

EIO	Ersatzimmissionsort
HST	Hybrid-Stahlturm
HT	Hybridturm
IO	Immissionsort
NH	Nabenhöhe
ST	Stahlturm

Größen, Einheiten, Formeln

L_O	Oktavbandpegel
L_T	Terzbandpegel
v_H	Windgeschwindigkeit in Nabenhöhe

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	NH 99 m	NH 120 m	NH 160 m	NH 166 m
NR V s-1	x	x	x	x

x = verfügbar

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v_H in m/s	Oktavbandmittenfrequenz in Hz							
	63	125	250	500	1000	2000	4000	8000
12	84,5	90,6	94,2	95,7	98,3	98,2	87,8	66,0

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Technisches Datenblatt

Oktavbandpegel Betriebsmodus NR VI s-1

ENERCON Windenergieanlage E-160 EP5 E3 R1 / 5560 kW

ENERCON
ENERGIE FÜR DIE WELT

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Herausgeber

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	NH 99 m	NH 120 m	NH 160 m	NH 166 m
NR VI s-1	x	x	x	x

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Freigabe: 2024-08-01 12:21

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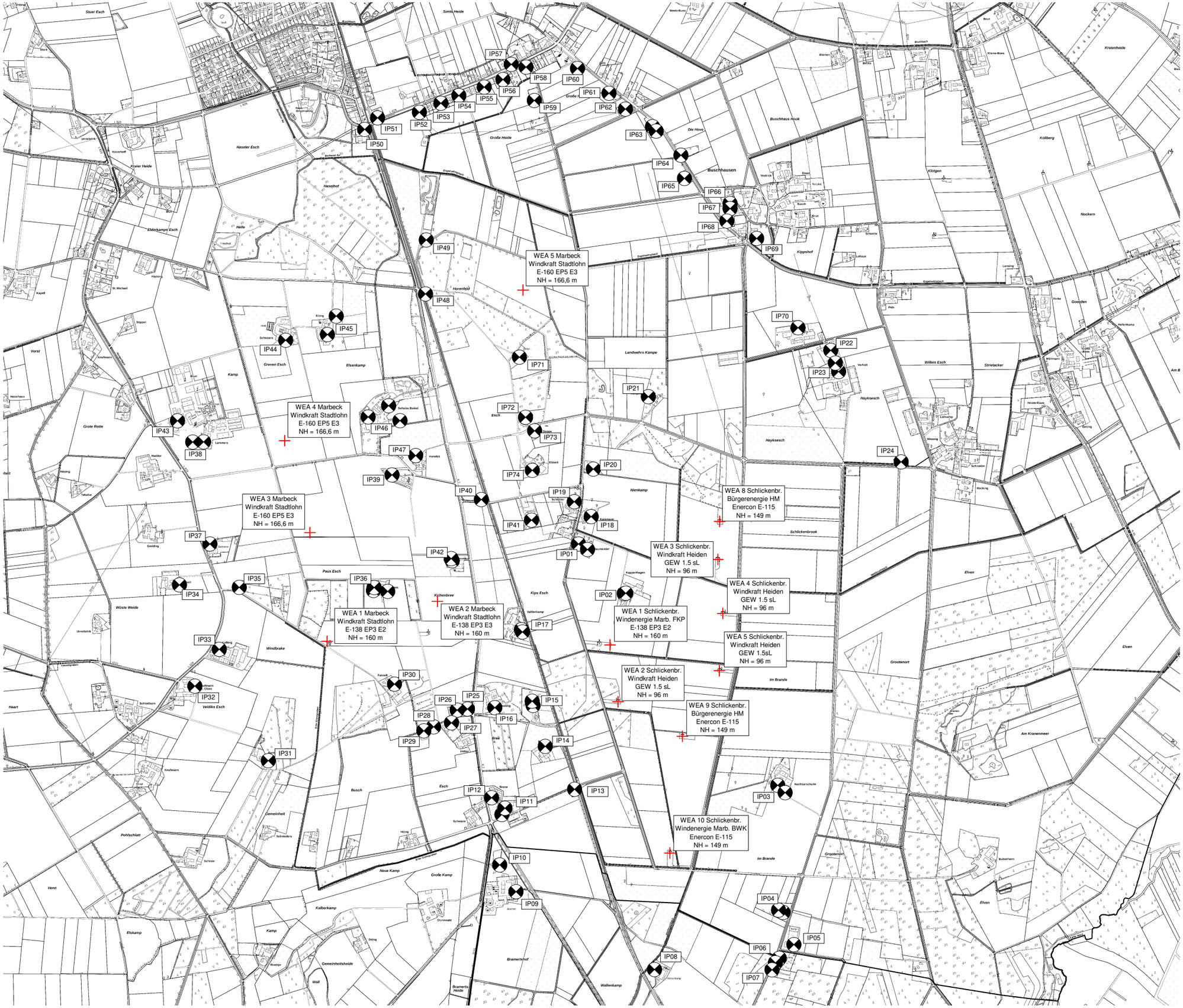
Anhang D Lageplan im Maßstab 1 : 17.500 mit Darstellung der Standorte der Windenergieanlagen und der Immissionspunkte – 1 Seite, getrennte Zählung



R.&H. Richters & Hüls
Ingenieurbüro für Abfallwirtschaft und Immissionsschutz

Erhardstraße 9 * 48683 Ahaus
Tel.: 02561 - 43004 * Fax: 02561 - 43005
E-mail: info@richtershuels.de

Bericht-Nr. L-5440-02.1

Errichtung und Betrieb
mehrerer Windenergieanlagen
in 46325 Borken (Windbrake)

Lageplan
mit Darstellung der geplanten
und vorhandenen WEA sowie der
nächstgelegenen Immissionspunkte

Objektlegende

- Punktquelle
- Haus
- Immissionspunkt

Maßstab: 1 : 17500

Auftraggeber:

Windkraft Stadtlohn GmbH & Co.
Marbecker Betriebs KG
Greven Esch 15
46325 Borken

Cadna/A, Version 2023 MR 2 (64 Bit)
L-5440-02_Windbrake_2024-08-30_1_Inter.cna