

Immissionspunkt

Bez.: IP01/1 Doernern 27

ID:

X: 32354361.93 m

Y: 5771004.67 m

Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)			
232355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	1125	
232355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	1125	
232355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	1125	
232355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	1125	
232355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	1125	
232355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	72.0	10.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	1125	
232355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	72.0	36.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.0	1125	
232355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	72.0	131.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-118.0	1125

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)			
532354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	1436	
532354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	1436	
532354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1436	
532354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	1436	
532354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	74.1	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	1436	
532354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	74.1	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	1436	
532354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	74.1	47.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20.3	1436	
532354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	74.1	167.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-155.4	1436

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)			
832355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	74.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	1499	
832355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	74.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	1499	
832355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	74.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	1499	
832355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	74.5	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	1499	
832355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	74.5	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	1499	
832355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	74.5	14.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	1499	
832355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	74.5	49.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-24.7	1499	
832355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	74.5	175.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-165.3	1499

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)			
1132355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	1648	
1132355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	1648	
1132355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	1648	
1132355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1648	
1132355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	1648	
1132355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	1648	
1132355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	75.3	54.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-30.4	1648	
1132355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	75.3	192.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-183.4	1648

Immissionspunkt

Bez.: IP01/2 Doernern 27

ID:

X: 32354365.78 m

Y: 5770988.00 m

Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)			
132355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	1134	
132355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	1134	
132355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	1134	
132355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	1134	
132355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	1134	
132355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	1134	
132355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	72.1	37.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	1134	
132355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	72.1	132.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-139.1	1134

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	I Refl (dB)	DE N (Hz)	EN (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)		
432354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	1449
432354924.00	5772316.00	164.00	0	N	125	97.																

Immissionspunkt  
 Bez.: IP02 Feldmark 8  
 ID:  
 X: 32355330.55 m  
 Y: 5771263.25 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
25	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	66.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	574
25	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	66.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	574
25	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	66.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	574
25	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	66.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.7	574
25	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	66.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	574
25	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	66.2	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.8	574
25	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	66.2	18.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	574
25	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	66.2	67.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.8	574

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
26	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	67.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	676
26	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	67.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	676
26	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	67.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5	676
26	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	67.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	676
26	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	67.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	676
26	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	67.6	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4	676
26	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	67.6	22.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	676
26	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	67.6	79.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.1	676

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
39	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	1140
39	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	1140
39	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1140
39	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	1140
39	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1140
39	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1140
39	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.1	37.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	1140
39	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.1	113.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116.8	1140

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
41	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	1090
41	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1090
41	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	1090
41	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.2	1090
41	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	1090
41	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	1090
41	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	71.7	35.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	1090
41	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	71.7	127.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.6	1090

Immissionspunkt  
 Bez.: IP03 Doernern 28  
 ID:  
 X: 32355570.14 m  
 Y: 5771124.46 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
3	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	69.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	797
3	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	69.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	797
3	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	69.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	797
3	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	69.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.4	797
3	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	69.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9	797
3	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	69.0	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	797
3	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	69.0	26.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	797
3	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	69.0	93.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.7	797

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
6	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	766
6	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	766
6	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	766
6	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	766
6	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	766
6	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	68.7	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	766
6	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	68.7	25.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	766
6	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	68.7	89.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.7	766

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																	
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet

Immissionspunkt  
 Bez.: IP04 Feldmark 7  
 ID:  
 X: 32355619.86 m  
 Y: 5771360.96 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
13	3235573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	65.6	0.2	-3.0	0.0	0.0	0.4	0.0	0.0	0.0	25.0	539
13	3235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	65.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	539
13	3235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	65.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6	539
13	3235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	65.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3	539
13	3235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	65.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	36.2	539
13	3235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	65.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	539
13	3235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	65.6	17.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	44.2	539
13	3235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	65.6	63.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	45.2	539

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
15	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	67.3	0.1	-3.0	0.0	0.0	4.6	0.0	0.0	0.0	20.2	650
15	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	67.3	0.3	-3.0	0.0	0.0	4.4	0.0	0.0	0.0	27.8	650
15	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	67.3	0.7	-3.0	0.0	0.0	4.0	0.0	0.0	0.0	29.9	650
15	32355155.00	5771786.00	164.00	0	N	500	98.0	0.0	0.0	67.3	1.3	-3.0	0.0	0.0	3.0	0.0	0.0	0.0	31.5	650
15	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	67.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2	650
15	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	67.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	650
15	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	67.3	21.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	650
15	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	67.3	75.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	57.7	650

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
18	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.5	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	15.7	1192
18	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	22.9	1192
18	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	24.3	1192
18	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	24.4	1192
18	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.5	4.4	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	24.1	1192
18	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	17.7	1192
18	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.5	39.1	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	15.5	1192
18	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.5	139.4	-3.0	0.0	0.0	4.8	0.0	0.0	0.0	130.2	1192

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
20	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	71.3	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	0.0	14.9	1039
20	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	71.3	0.4	-3.0	0.0	0.0	4.7	0.0	0.0	0.0	22.3	1039
20	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	71.3	1.1	-3.0	0.0	0.0	4.6	0.0	0.0	0.0	23.8	1039
20	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	71.3	2.0	-3.0	0.0	0.0	4.4	0.0	0.0	0.0	24.3	1039
20	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	71.3	3.8	-3.0	0.0	0.0	3.9	0.0	0.0	0.0	24.8	1039
20	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	71.3	10.0	-3.0	0.0	0.0	2.8	0.0	0.0	0.0	20.0	1039
20	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	71.3	34.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1039
20	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	71.3	121.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	108.3	1039

Immissionspunkt  
 Bez.: IP05 Feldmark 16/16a  
 ID:  
 X: 32355867.24 m  
 Y: 5771232.60 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
14	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	68.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	723
14	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	68.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	723
14	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	723
14	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	68.2	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.4	723
14	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	68.2	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	723
14	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	68.2	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3	723
14	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	68.2	23.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	723
14	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	68.2	84.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2	723

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
17	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	916
17	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	70.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	916
17	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	70.2	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	916
17	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	70.2	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	916
17	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	916
17	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	70.2	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	916
17	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	70.2	30.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	916
17	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	70.2	107.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	91.8	916

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist Lr (m)
21	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.7	1445
21	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	1445
21	32354924.00</																			

Immissionspunkt  
 Bez.: IP06 Feldmark 9  
 ID:  
 X: 32355962.53 m  
 Y: 5771005.10 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
16	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	70.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	965	
16	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	965	
16	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	965	
16	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	965	
16	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.6	965	
16	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	70.7	9.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	965	
16	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	70.7	31.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.4	965	
16	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	70.7	112.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-99.0	965

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
19	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	1135	
19	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1135	
19	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	1135	
19	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	1135	
19	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	72.1	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	1135	
19	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	1135	
19	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	72.1	37.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.4	1135	
19	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	72.1	132.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-119.2	1135

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
22	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	1680	
22	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1680	
22	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	75.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	1680	
22	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3	1680	
22	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	1680	
22	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	1680	
22	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	75.5	55.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-29.7	1680	
22	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	75.5	196.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-165.4	1680

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
24	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	74.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	1494	
24	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	74.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	1494	
24	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	74.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1494	
24	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	74.5	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	1494	
24	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	74.5	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	1494	
24	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	74.5	14.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	1494	
24	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	74.5	49.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	1494	
24	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	74.5	174.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-164.6	1494

Immissionspunkt  
 Bez.: IP07 Feldmark 14  
 ID:  
 X: 32356071.66 m  
 Y: 5771207.10 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
29	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	69.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	848	
29	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	69.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	848	
29	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	69.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	848	
29	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	69.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	848	
29	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	69.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.1	848	
29	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	69.6	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	848	
29	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	69.6	27.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	848	
29	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	69.6	99.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-84.2	848

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)		
31	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1096	
31	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	71.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1096	
31	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1096	
31	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1096	
31	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	1096	
31	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	71.8	10.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1096
31	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	71.8	35.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.8	1096	
31	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	71.8	128.1	-3.0	0.0	0.0	0.0	0.0	0.						

Immissionspunkt  
 Bez.: IP08 Feldmark 6  
 ID:  
 X: 32356118.38 m  
 Y: 5771389.55 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
27	3235573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	68.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	747
27	3235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	68.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	747
27	3235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	68.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	747
27	3235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	68.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1	747
27	3235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	68.5	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6	747
27	3235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	68.5	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	747
27	3235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	68.5	24.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	747
27	3235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	68.5	87.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-71.2	747

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
30	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	71.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	1054
30	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	71.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	1054
30	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	71.5	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	1054
30	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	71.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1054
30	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	71.5	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1054
30	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	71.5	10.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	1054
30	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	71.5	34.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.1	1054
30	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	71.5	123.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-109.1	1054

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
33	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	1520
33	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	1520
33	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	74.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	1520
33	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	1520
33	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	74.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	1520
33	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	74.6	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	1520
33	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	74.6	49.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.5	1520
33	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	74.6	177.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-165.8	1520

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
36	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	72.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	1257
36	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	1257
36	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1257
36	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	1257
36	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	1257
36	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	73.0	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	1257
36	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	73.0	41.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.3	1257
36	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	73.0	146.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-135.4	1257

Immissionspunkt  
 Bez.: IP09 Feldmark 5/5a  
 ID:  
 X: 32356198.51 m  
 Y: 5771518.93 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
28	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	737
28	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1	737
28	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	737
28	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	737
28	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	737
28	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	737
28	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	68.3	24.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	737
28	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	68.3	86.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-69.9	737

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
32	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1089
32	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1089
32	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1089
32	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1089
32	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	1089
32	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.5	1089
32	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	71.7	35.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-113.5	1089
32	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	71.7	127.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-113.5	1089

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
35	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	1512
35	32354924.00	5772316.00	164.00	0	N																

Immissionspunkt  
 Bez.: IP 10 Feldmark 3  
 ID:  
 X: 32356278.88 m  
 Y: 5771227.20 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
47	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1971
47	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	70.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1971
47	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	70.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1971
47	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	70.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	1971
47	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	70.7	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1971
47	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	70.7	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1971
47	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	70.7	31.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.6	1971
47	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	70.7	113.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-98.7	1971

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
49	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9	1265
49	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	1265
49	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	1265
49	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1265
49	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1265
49	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1265
49	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	73.0	41.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-14.6	1265
49	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	73.0	147.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-135.4	1265

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
50	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	1745
50	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	1745
50	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	1745
50	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1745
50	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	1745
50	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	75.8	16.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	1745
50	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	75.8	57.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.1	1745
50	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	75.8	204.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-193.3	1745

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
51	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	74.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	1483
51	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	74.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	1483
51	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	74.6	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1483
51	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	74.6	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	1483
51	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	74.6	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1483
51	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	74.6	14.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	1483
51	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	74.6	48.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-24.1	1483
51	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	74.6	173.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-163.2	1483

Immissionspunkt  
 Bez.: IP 11 Feldmark 2  
 ID:  
 X: 32356315.37 m  
 Y: 5771208.17 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
40	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	1010
40	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	1010
40	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	1010
40	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	71.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1010
40	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1010
40	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1010
40	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	71.1	33.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.3	1010
40	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	71.1	118.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-104.6	1010

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
43	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	1306
43	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	1306
43	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	1306
43	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1306
43	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	73.3	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	1306
43	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	73.3	12.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	1306
43	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	73.3	42.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.2	1306
43	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	73.3	152.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-140.5	1306

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmet dB	RV dB(A)	Lr (m)	Dist (m)	
45	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	1786
45	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0						

Immissionspunkt  
 Bez.: IP12 Feldmark 4  
 ID:  
 X: 32356349.13 m  
 Y: 5771232.21 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
42	3235573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	71.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	1020	
42	3235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	71.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1020	
42	3235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	71.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	1020	
42	3235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	71.2	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1020	
42	3235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	71.2	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1020	
42	3235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	71.2	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1020	
42	3235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	71.2	33.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-17.0	1020
42	3235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	71.2	119.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-105.8	1020

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
44	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	1326	
44	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1326	
44	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	1326	
44	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	73.4	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	1326	
44	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1326	
44	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	73.4	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	1326	
44	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	73.4	43.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-17.0	1326
44	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	73.4	155.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-142.9	1326

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
46	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	1797	
46	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	1797	
46	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1797	
46	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1797	
46	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1797	
46	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	1797	
46	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	76.1	58.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-34.1	1797
46	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	76.1	210.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-195.7	1797

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
74	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	1526	
74	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1526	
74	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1526	
74	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	74.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1526	
74	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1526	
74	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	74.7	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	1526	
74	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	74.7	50.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-25.8	1526
74	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	74.7	178.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-168.5	1526

Immissionspunkt  
 Bez.: IP13 Westring 35  
 ID:  
 X: 32356752.61 m  
 Y: 5771226.18 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
53	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	1355	
53	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	75.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1355	
53	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	75.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1355	
53	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	75.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1355	
53	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	75.6	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	1355	
53	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	75.6	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	1355	
53	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	75.6	44.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-19.1	1355
53	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	75.6	158.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-147.5	1355

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)		
56	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	1700	
56	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1700	
56	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	1700	
56	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	1700	
56	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	1700	
56	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	1700	
56	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	75.6	55.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-31.4	1700
56	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	75.6	198.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-188.8	1700

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Dist (m)
58	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0			

Immissionspunkt  
Bez.: IP14 Westring 24

ID:  
X: 32356813.45 m  
Y: 5771378.15 m  
Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
59	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	1345
59	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	1345
59	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	1345
59	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	1345
59	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3	1345
59	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	1345
59	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	73.6	44.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-18.8	1345
59	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	73.6	157.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-146.3	1345

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
61	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	1715
61	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	1715
61	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	1715
61	32355155.00	5771786.00	164.00	0	N	500	98.8	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1715
61	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	1715
61	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	1715
61	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	75.7	56.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.0	1715
61	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	75.7	200.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-190.7	1715

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
62	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	2115
62	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	2115
62	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	2115
62	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	2115
62	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	2115
62	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2115
62	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	77.5	69.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-45.9	2115
62	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	77.5	247.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-236.3	2115

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
63	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	1790
63	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	1790
63	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9	1790
63	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	1790
63	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	76.1	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	1790
63	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	76.1	17.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	1790
63	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	76.1	58.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-35.8	1790
63	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	76.1	209.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-200.8	1790

Immissionspunkt  
Bez.: IP15 Lüntener Straße 15b

ID:  
X: 32356833.38 m  
Y: 5771643.51 m  
Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
52	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	1291
52	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	75.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	1291
52	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	75.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	1291
52	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	75.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1291
52	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	75.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	1291
52	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	75.2	12.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	1291
52	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	75.2	42.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-16.6	1291
52	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	75.2	150.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-139.6	1291

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
54	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	1692
54	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1692
54	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1692
54	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	1692
54	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	1692
54	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	1692
54	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	75.6	55.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-31.1	1692
54	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	75.6	197.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-187.8	1692

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist (m)	
55	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	2031
55	32354924.00</																				



Immissionspunkt  
 Bez.: IP16 Hörstele 16  
 ID:  
 X: 32356053.32 m  
 Y: 5772200.95 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)		
68	3235573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	66.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	602	
68	3235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	66.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	602	
68	3235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	66.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.6	602	
68	3235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	66.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	602	
68	3235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	66.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	602	
68	3235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	66.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1	602	
68	3235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	66.6	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5	602
68	3235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	66.6	70.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.7	1146

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
71	3235513.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	770
71	3235513.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	770
71	3235513.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	770
71	3235513.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	770
71	3235513.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	770
71	3235513.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	68.7	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3	770
71	3235513.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	68.7	25.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	770
71	3235513.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	68.7	90.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.2	770

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
73	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	71.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	1002
73	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	71.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1002
73	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	71.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	1002
73	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	71.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1002
73	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	71.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1	1002
73	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	71.0	9.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1002
73	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	71.0	32.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1002
73	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	71.0	117.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.7	1002

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
77	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	1146
77	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	1146
77	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	1146
77	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.6	1146
77	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	1146
77	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1146
77	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.2	37.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	1146
77	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.2	134.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.7	1146

Immissionspunkt  
 Bez.: IP17 Hörstele 17a  
 ID:  
 X: 32355940.55 m  
 Y: 5772230.86 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
64	3235573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	65.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	536
64	3235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	65.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9	536
64	3235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	65.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.7	536
64	3235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	65.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.4	536
64	3235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	65.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.2	536
64	3235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	65.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	536
64	3235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	65.6	17.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	536
64	3235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	65.6	62.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.8	536

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
66	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	67.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	657
66	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	67.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.1	657
66	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	67.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	657
66	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	67.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	657
66	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	67.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	657
66	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	67.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	657
66	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	67.3	21.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	657
66	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	67.3	76.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.6	657

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)
69	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7

Immissionspunkt  
 Bez.: IP18 Hörstele 17  
 ID:  
 X: 32355993.80 m  
 Y: 5772265.13 m  
 Z: 2.50 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N1636.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)		
65	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	0.0	66.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	597	
66	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	66.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	597	
67	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	66.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	597	
68	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	66.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	34.3	597	
69	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	66.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	35.1	597	
70	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	66.5	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	597	
71	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	66.5	19.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.8	597
72	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	66.5	69.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.8	597

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N1636.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)	
67	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	69.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	704
68	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	69.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	704
69	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	69.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1	704
70	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	69.0	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	704
71	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	69.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	704
72	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	69.0	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	704
73	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	69.0	23.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	704
74	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	69.0	82.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-65.7	704

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)
70	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.3	1083
71	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.6	1083
72	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	1083
73	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.2	1083
74	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	30.1	1083
75	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.3	1083
76	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	71.7	35.5	-3.0	0.0	0.0	0.0	0.0	0.0	-6.3	1083
77	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	71.7	126.6	-3.0	0.0	0.0	0.0	0.0	0.0	-111.8	1083

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)
72	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.1	979
73	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	979
74	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	71.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	29.1	979
75	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	71.7	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	30.3	979
76	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	71.7	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	979
77	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.2	979
78	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	71.7	32.1	-3.0	0.0	0.0	0.0	0.0	0.0	-3.0	979
79	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	71.7	114.5	-3.0	0.0	0.0	0.0	0.0	0.0	-99.8	979

Immissionspunkt  
 Bez.: IP19 Hörstele 15  
 ID:  
 X: 32356091.27 m  
 Y: 5772303.24 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)
75	32355573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.2	691
76	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.6	691
77	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	32.3	691
78	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	32.9	691
79	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	33.5	691
80	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.0	691
81	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	67.8	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	8.4	691
82	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	67.8	80.8	-3.0	0.0	0.0	0.0	0.0	0.0	-64.1	691

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (dB(A))	Dist (m)
76	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	69.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.0	795
77	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	69.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	29.4	795
78	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	69.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.0	795
79	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	69.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.5	795
80	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	69.0	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	27.9	795
81	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	69.0	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.8	795
82	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	69.0									

Immissionspunkt  
 Bez.: IP20 Hörstele 18  
 ID:  
 X: 32355989.60 m  
 Y: 5772363.95 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
783235573.00	5771874.00	164.00	0	N	63	86.1	0.0	0.0	67.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	662
783235573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	67.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	662
783235573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	67.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	662
783235573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	67.4	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	662
783235573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	67.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	662
783235573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	67.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7	662
783235573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	67.4	21.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	662
783235573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	67.4	77.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-60.4	662

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
813235573.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	695
813235573.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	695
813235573.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	695
813235573.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	695
813235573.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	695
813235573.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	695
813235573.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	67.8	22.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	695
813235573.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	67.8	81.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-64.6	695

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
8332354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	1078
8332354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	1078
8332354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1078
8332354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	1078
8332354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	71.7	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	1078
8332354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	71.7	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1078
8332354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	71.7	35.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.1	1078
8332354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	71.7	126.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-111.2	1078

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
8532355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	71.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	1028
8532355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	71.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	1028
8532355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	71.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1028
8532355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	71.2	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.8	1028
8532355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	71.2	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3	1028
8532355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	71.2	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1028
8532355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	71.2	33.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.0	1028
8532355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	71.2	120.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-105.8	1028

Immissionspunkt  
 Bez.: IP21 Hörstele 20  
 ID:  
 X: 32355904.35 m  
 Y: 5772373.35 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
8432355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	66.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	613
8432355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	66.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	613
8432355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	66.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	613
8432355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	66.8	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	613
8432355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	66.8	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.8	613
8432355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	66.8	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	613
8432355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	66.8	20.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	613
8432355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	66.8	71.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-53.9	613

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X	Y	Z	Ref1	DEN	Freq.	Lw	I/a	K0	Dc	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(A)	(m)
8632355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	66.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	620
8632355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	66.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	620
8632355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	66.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	620
8632355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	66.8	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	620
8632355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	66.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.7	620
8632355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	66.8	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	620
8632355573.00	5771874.00	164.00	0	N	4000	95.9															

Immissionspunkt  
 Bez.: IP22 Hörstele 19  
 ID:  
 X: 32355952.93 m  
 Y: 5772408.85 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
88	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	0.0	67.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	663	
88	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	67.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	663
88	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	67.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	663
88	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	67.4	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	663
88	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	67.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9	663
88	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	67.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7	663
88	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	67.4	21.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	663
88	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	67.4	77.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-60.4	663

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
90	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	67.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	675	
90	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	67.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	675
90	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	67.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5	675
90	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	67.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	675
90	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	67.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	675
90	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	67.6	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4	675
90	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	67.6	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	675
90	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	67.6	78.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-62.0	675

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
93	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	1045	
93	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1045
93	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	1045
93	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	1045
93	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	1045
93	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	71.4	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	1045
93	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	71.4	34.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.7	1045
93	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	71.4	122.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-107.1	1045

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
95	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	71.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	1025	
95	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	71.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	1025
95	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	71.2	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	1025
95	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	71.2	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.8	1025
95	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	71.2	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	1025
95	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	71.2	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1025
95	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	71.2	33.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.9	1025
95	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	71.2	119.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-105.5	1025

Immissionspunkt  
 Bez.: IP23 Hörstele 12  
 ID:  
 X: 32356215.43 m  
 Y: 5772540.17 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
91	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	0.0	70.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	938	
91	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	70.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	938
91	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	70.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	938
91	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	70.4	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.8	938
91	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	70.4	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	938
91	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	70.4	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	938
91	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	70.4	30.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.3	938
91	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	70.4	109.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-95.5	938

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	Ia	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV	Lr dB(A)	Dist Lr (m)		
108	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	939	
108	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	939
108	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	939
108	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	939
108	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	70.5	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	939
108	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	939
108	32355573.																						

Immissionspunkt  
 Bez.: IP24/1 Hörstele 14  
 ID:  
 X: 32356077.34 m  
 Y: 5772607.75 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
92	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	69.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7	1825
92	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	69.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	825
92	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	69.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	825
92	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	69.3	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.1	825
92	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	69.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	825
92	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	69.3	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	825
92	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	69.3	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	825
92	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	69.3	96.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-81.3	825

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
94	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	904
94	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	70.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.2	904
94	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	70.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	904
94	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	70.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1	904
94	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4	904
94	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	70.2	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	904
94	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	70.2	29.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	904
94	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	70.2	1105.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-91.3	904

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
97	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	1200
97	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1200
97	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.6	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1200
97	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.6	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1200
97	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.6	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	1200
97	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.6	11.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	1200
97	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.6	39.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.0	1200
97	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.6	1404.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-126.4	1200

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
99	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	1245
99	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1245
99	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1245
99	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1245
99	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	1245
99	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	73.0	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	1245
99	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	73.0	40.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.8	1245
99	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	73.0	145.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-133.0	1245

Immissionspunkt  
 Bez.: IP24/2 Hörstele 14  
 ID:  
 X: 32356082.93 m  
 Y: 5772617.56 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)
96	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	69.4	0.1	-3.0	0.0	0.0	1.8	0.0	0.0	0.0	19.8	833
96	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	69.4	0.3	-3.0	0.0	0.0	1.9	0.0	0.0	0.0	27.1	833
96	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	69.4	0.9	-3.0	0.0	0.0	1.9	0.0	0.0	0.0	28.6	833
96	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	69.4	1.6	-3.0	0.0	0.0	2.1	0.0	0.0	0.0	28.9	833
96	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	69.4	3.0	-3.0	0.0	0.0	2.4	0.0	0.0	0.0	29.0	833
96	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	69.4	8.1	-3.0	0.0	0.0	2.8	0.0	0.0	0.0	24.3	833
96	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	69.4	27.3	-3.0	0.0	0.0	3.3	0.0	0.0	0.0	-1.1	833
96	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	69.4	97.4	-3.0	0.0	0.0	3.8	0.0	0.0	0.0	-86.1	833

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)
98	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	5.8	0.0	0.0	0.0	14.9	916
98	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	70.2	0.4	-3.0	0.0	0.0	7.9	0.0	0.0	0.0	20.2	916
98	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	70.2	1.0	-3.0	0.0	0.0	10.4	0.0	0.0	0.0	19.9	916
98	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	70.2	1.8	-3.0	0.0	0.0	13.1	0.0	0.0	0.0	16.9	916
98	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	16.0	0.0	0.0	0.0	14.2	916
98	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	70.2	8.8	-3.0	0.0	0.0	18.0	0.0	0.0	0.0	7.4	916
98	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	70.2	30.0	-3.0	0.0	0.0	18.9	0.0	0.0	0.0	-20.2	916
98	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	70.2	107.0	-3.0	0.0	0.0	19.4	0.0	0.0	0.0	-112.1	916

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)
100	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	1208
100	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	0.0	0.0				

Immissionspunkt  
 Bez.: IP25 Hörstele 13  
 ID:  
 X: 32356091.81 m  
 Y: 5772657.15 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)		
10232355313.00	164.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	69.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	855	
10232355313.00	164.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	69.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	855	
10232355313.00	164.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	69.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	855	
10232355313.00	164.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	69.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7	855	
10232355313.00	164.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	69.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	855	
10232355313.00	164.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	69.6	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	855	
10232355313.00	164.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	69.6	28.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	855	
10232355313.00	164.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	69.6	100.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-86.1	855

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)	
10332355313.00	164.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	953
10332355313.00	164.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	953
10332355313.00	164.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	953
10332355313.00	164.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	70.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.6	953
10332355313.00	164.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	953
10332355313.00	164.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	70.6	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	953
10332355313.00	164.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	70.6	31.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.9	953
10332355313.00	164.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	70.6	111.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-97.4	953

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)	
10532354924.00	164.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	1227
10532354924.00	164.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	1227
10532354924.00	164.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	1227
10532354924.00	164.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.8	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	1227
10532354924.00	164.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.8	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	1227
10532354924.00	164.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.8	11.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	1227
10532354924.00	164.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.8	40.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.1	1227
10532354924.00	164.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.8	143.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-125.7	1227

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)	
10932355155.00	164.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9	1289
10932355155.00	164.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	1289
10932355155.00	164.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	1289
10932355155.00	164.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	1289
10932355155.00	164.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	1289
10932355155.00	164.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	1289
10932355155.00	164.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	73.2	42.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.5	1289
10932355155.00	164.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	73.2	150.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-136.4	1289

Immissionspunkt  
 Bez.: IP26/1 Hörstele 25  
 ID:  
 X: 32355789.23 m  
 Y: 5772504.18 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)	
10432355313.00	164.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	65.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	528
10432355313.00	164.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	65.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	528
10432355313.00	164.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	65.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.8	528
10432355313.00	164.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	65.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.5	528
10432355313.00	164.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	65.5	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.4	528
10432355313.00	164.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	65.5	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9	528
10432355313.00	164.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	65.5	17.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	528
10432355313.00	164.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	65.5	61.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-42.7	528

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV	Lr (dB(A))	Dist (m)	
10632355573.00	164.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	67.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	685
10632355573.00	164.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	67.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7	685
10632355573.00	164.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	67.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.4	685
10632355573.00	164.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	67.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	685
10632355573.00	164.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	67.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.6	685
10632355573.00	164.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	67.7	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	685
10632355573.00	164.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	67.7	22.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	685
10632355573.00	164.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	67.7	80.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.3	685

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1</
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Immissionspunkt  
 Bez.: IP26/2 Hörstele 25a  
 ID:  
 X: 32355810.62 m  
 Y: 5772505.70 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
107	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	65.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3	548	
107	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	65.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	548
107	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	65.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	548
107	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	65.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2	548
107	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	65.8	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	548
107	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	65.8	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	548
107	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	65.8	17.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.2	548
107	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	65.8	64.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.3	548

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
117	32355573.00	5771874.00	164.00	0	N	63	90.1	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	693	
117	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	693
117	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	693
117	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	693
117	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	693
117	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	693
117	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	67.8	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	693
117	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	67.8	81.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.4	693

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
120	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	70.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	921	
120	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	70.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	921
120	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	70.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	921
120	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	70.3	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	921
120	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	70.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	921
120	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	70.3	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	921
120	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	70.3	30.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	921
120	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	70.3	107.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.4	921

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
127	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	70.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	986	
127	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	70.9	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	986
127	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	70.9	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	986
127	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	70.9	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	986
127	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	70.9	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	986
127	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	70.9	9.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	986
127	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	70.9	32.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	986
127	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	70.9	115.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.7	986

Immissionspunkt  
 Bez.: IP27 Hörstele 26  
 ID:  
 X: 32355597.70 m  
 Y: 5772763.44 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
112	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	65.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	534	
112	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	65.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9	534
112	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	65.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.7	534
112	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	65.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.4	534
112	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	65.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	534
112	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	65.5	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.8	534
112	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	65.5	17.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	534
112	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	65.5	62.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.4	534

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	Ia dB	K0 dB	Dc dB	Activ	Aatm	Agri	Alol	Ahous	Abar	Cmetl	RV	Lr dB(A)	Lr (m)	Dist	
113	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	69.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	824	
113	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	69.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	824
113	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	69.3	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6	824
113	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	69.3	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	824
113	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	69.3	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.5	824
113	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	69.3	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	824
113	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	69.3	27.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	824
113	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	69.3	96.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.2	824

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Immissionspunkt  
 Bezz.: IP28 Hörstele 27  
 ID:  
 X: 32355755.43 m  
 Y: 5772989.16 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N1636.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agro dB	AtoI dB	Ahouus dB	Abar dB	Cmet dB	RV dB	Lr dB(A)	Dist (m)		
114	32355313.00	5772341.00	164.00	0	N	63	86.1	0.0	0.0	0.0	69.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	801	
114	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	69.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3	801	
114	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	69.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9	801	
114	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	69.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.4	801	
114	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	69.1	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	801	
114	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	69.1	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	801	
114	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	69.1	26.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	801	
114	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	69.1	93.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-76.2	801	
116	32355313.00	5772341.00	164.00	1	N	250	97.8	0.0	0.0	0.0	69.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.9	803
116	32355313.00	5772341.00	164.00	1	N	500	99.0	0.0	0.0	0.0	69.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	30.4	803
116	32355313.00	5772341.00	164.00	1	N	1000	100.8	0.0	0.0	0.0	69.1	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	30.8	803
116	32355313.00	5772341.00	164.00	1	N	2000	101.5	0.0	0.0	0.0	69.1	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	26.6	803
116	32355313.00	5772341.00	164.00	1	N	4000	95.9	0.0	0.0	0.0	69.1	26.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.5	803
116	32355313.00	5772341.00	164.00	1	N	8000	81.5	0.0	0.0	0.0	69.1	93.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-79.4	803

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N1636.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agro dB	AtoI dB	Ahouus dB	Abar dB	Cmet dB	RV dB	Lr dB(A)	Dist (m)	
119	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	71.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	1082
119	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	71.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	1082
119	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	71.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1082
119	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	71.7	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	1082
119	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	71.7	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	1082
119	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	71.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1082
119	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	71.7	35.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.2	1082
119	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	71.7	126.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-111.6	1082

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N1636.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agro dB	AtoI dB	Ahouus dB	Abar dB	Cmet dB	RV dB	Lr dB(A)	Dist (m)		
136	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	72.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	1141	
136	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	72.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	1141	
136	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	72.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1141	
136	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	72.1	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	1141	
136	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	72.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1141	
136	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	72.1	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	1141	
136	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	72.1	37.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.6	1141	
137	32355573.00	5771874.00	164.00	1	N	6000	81.5	0.0	0.0	0.0	72.1	133.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-121.0	1141	
137	32355573.00	5771874.00	164.00	1	N	125	95.7	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	17.8	1145
137	32355573.00	5771874.00	164.00	1	N	250	97.8	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	25.1	1145
137	32355573.00	5771874.00	164.00	1	N	500	99.0	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	26.4	1145
137	32355573.00	5771874.00	164.00	1	N	1000	100.8	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	26.4	1145
137	32355573.00	5771874.00	164.00	1	N	2000	101.5	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	20.3	1145
137	32355573.00	5771874.00	164.00	1	N	4000	95.9	0.0	0.0	0.0	72.2	37.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-11.8	1145
137	32355573.00	5771874.00	164.00	1	N	8000	81.5	0.0	0.0	0.0	72.2	133.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-122.4	1145

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N1636.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agro dB	AtoI dB	Ahouus dB	Abar dB	Cmet dB	RV dB	Lr dB(A)	Dist (m)	
139	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	1354

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N1636.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agro dB	AtoI dB	Ahouus dB	Abar dB	Cmet dB	RV dB	Lr dB(A)	Dist (m)		
139	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	1354	
139	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	1354	
139	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	1354	
139	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	73.6	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	1354	
139	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	73.6	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	1354	
139	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	73.6	44.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-18.1	1354
141	32355155.00	5771786.00	164.00	1	N	250	98.8	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	25.7	1357
141	32355155.00	5771786.00	164.00	1	N	500	100.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	25.2	1357
141	32355155.00	5771786.00	164.00	1	N	1000	101.8	0.0	0.0	0.0	73.6	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	25.2	1357
141	32355155.00	5771786.00	164.00	1	N	2000	102.5	0.0	0.0	0.0	73.6	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	17.7	1357
141	32355155.00	5771786.00	164.00	1	N	4000	96.9	0.0	0.0	0.0	73.6	44.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-19.2	1357
141	32355155.00	5771786.00	164.00	1	N	8000	82.5	0.0	0.0	0.0	73.6	158.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-147.7	1357



Immissionspunkt  
Bez.: IP29 Hörstele 28/28a

ID:  
X: 32355507.89 m  
Y: 5772984.10 m  
Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																			
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
125	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	67.8	0.1	-3.0	0.0	0.0	0.0	0.0	23.2	691
126	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	67.8	0.3	-3.0	0.0	0.0	0.0	0.0	30.6	691
127	32355313.00	5772341.00	164.00	0	N	250	99.8	0.0	0.0	0.0	67.8	0.7	-3.0	0.0	0.0	0.0	0.0	32.3	691
128	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	67.8	1.3	-3.0	0.0	0.0	0.0	0.0	32.9	691
129	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	67.8	2.5	-3.0	0.0	0.0	0.0	0.0	33.5	691
130	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	67.8	6.7	-3.0	0.0	0.0	0.0	0.0	30.0	691
131	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	67.8	22.6	-3.0	0.0	0.0	0.0	0.0	8.5	691
132	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	67.8	80.7	-3.0	0.0	0.0	0.0	0.0	-64.0	691

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
124	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	70.1	0.1	-3.0	0.0	0.0	0.0	0.0	22.9	901
125	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	70.1	0.4	-3.0	0.0	0.0	0.0	0.0	30.2	901
126	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	70.1	0.9	-3.0	0.0	0.0	0.0	0.0	31.8	901
127	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	70.1	1.7	-3.0	0.0	0.0	0.0	0.0	32.2	901
128	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	70.1	3.3	-3.0	0.0	0.0	0.0	0.0	32.4	901
129	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	70.1	8.7	-3.0	0.0	0.0	0.0	0.0	27.7	901
130	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	70.1	29.5	-3.0	0.0	0.0	0.0	0.0	1.3	901
131	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	70.1	105.4	-3.0	0.0	0.0	0.0	0.0	-89.0	901

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
125	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	73.0	0.2	-3.0	0.0	0.0	0.0	0.0	18.9	1259
126	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	73.0	0.5	-3.0	0.0	0.0	0.0	0.0	26.2	1259
127	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	73.0	1.3	-3.0	0.0	0.0	0.0	0.0	27.5	1259
128	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	73.0	2.4	-3.0	0.0	0.0	0.0	0.0	27.6	1259
129	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	73.0	4.6	-3.0	0.0	0.0	0.0	0.0	27.2	1259
130	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	73.0	12.2	-3.0	0.0	0.0	0.0	0.0	20.3	1259
131	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	73.0	41.3	-3.0	0.0	0.0	0.0	0.0	-14.4	1259
132	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	73.0	101.4	-3.0	0.0	0.0	0.0	0.0	-134.7	1259

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
135	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	72.0	0.1	-3.0	0.0	0.0	0.0	0.0	19.0	1123
136	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	72.0	0.5	-3.0	0.0	0.0	0.0	0.0	26.2	1123
137	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	72.0	1.2	-3.0	0.0	0.0	0.0	0.0	27.6	1123
138	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	72.0	2.2	-3.0	0.0	0.0	0.0	0.0	27.8	1123
139	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	72.0	4.1	-3.0	0.0	0.0	0.0	0.0	27.1	1123
140	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	72.0	10.9	-3.0	0.0	0.0	0.0	0.0	21.7	1123
141	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	72.0	36.8	-3.0	0.0	0.0	0.0	0.0	-9.9	1123
142	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	72.0	131.3	-3.0	0.0	0.0	0.0	0.0	-118.8	1123

Immissionspunkt  
Bez.: IP30 Hörstele 29

ID:  
X: 32355488.92 m  
Y: 5773075.24 m  
Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																			
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
125	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	70.6	0.1	-3.0	0.0	0.0	0.0	0.0	22.3	960
126	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	70.6	0.4	-3.0	0.0	0.0	0.0	0.0	29.7	960
127	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	70.6	1.0	-3.0	0.0	0.0	0.0	0.0	31.2	960
128	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	70.6	1.9	-3.0	0.0	0.0	0.0	0.0	31.5	960
129	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	70.6	3.5	-3.0	0.0	0.0	0.0	0.0	31.6	960
130	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	70.6	9.3	-3.0	0.0	0.0	0.0	0.0	26.6	960
131	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	70.6	31.4	-3.0	0.0	0.0	0.0	0.0	-1.2	960
132	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	70.6	112.2	-3.0	0.0	0.0	0.0	0.0	-96.3	960

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist		
125	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	68.7	0.1	-3.0	0.0	0.0	0.0	0.0	22.3	772
126	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	68.7	0.3	-3.0	0.0	0.0	0.0	0.0	29.6	772
127	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	68.7	0.8	-3.0	0.0	0.0	0.0	0.0	31.2	772
128	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	68.7	1.5	-3.0	0.0	0.0	0.0	0.0	31.8	772
129	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	68.7	2.8	-3.0	0.0	0.0	0.0	0.0	32.2	772
130	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	68.7	7.5	-3.0	0.0	0.0	0.0	0.0	28.3	772
131	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	68.7	25.3	-3.0	0.0	0.0	0.0	0.0	4.9	772
132	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	68.7	90.2	-3.0	0.0	0.0	0.0	0.0	-74.4	772

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	K0 dB	Dc dB	Activ	Aatm	Agr	Alol	Ahous	Abar	Dist
125																	



Immissionspunkt  
 Bez.: IP33 Horstleoe 32  
 ID:  
 X: 32355334.47 m  
 Y: 5773419.53 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)		
138	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	1188	
138	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	1188	
138	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.5	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1188	
138	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.5	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	1188	
138	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.5	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1188	
143	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.5	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	1188	
138	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.5	38.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.5	1188	
138	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.5	138.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-124.9	1188

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)	
140	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	71.8	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	1090
140	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	71.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1090
140	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	71.8	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	1090
140	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	71.8	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	1090
140	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	71.8	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	1090
140	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	71.8	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	1090
140	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	71.8	35.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.6	1090
140	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	71.8	127.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-114.7	1090

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)	
163	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	1651
163	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	1651
163	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	1651
163	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1651
163	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	75.4	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1651
163	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	75.4	16.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	1651
163	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	75.4	54.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-29.6	1651
163	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	75.4	193.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-182.8	1651

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)	
165	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	1572
165	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1572
165	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	1572
165	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1572
165	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1572
165	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	74.9	15.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	1572
165	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	74.9	51.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-27.5	1572
165	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	74.9	183.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-174.2	1572

Immissionspunkt  
 Bez.: IP34 Sand 130  
 ID:  
 X: 32354872.39 m  
 Y: 5773483.50 m  
 Z: 2.50 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																							
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)		
143	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	72.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	1180	
143	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	72.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	1180	
143	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	72.4	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1180	
143	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	72.4	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3	1180	
143	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	72.4	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1180	
143	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	72.4	11.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	1180	
143	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	72.4	38.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.2	1180	
143	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	72.4	137.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-123.8	1180

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	I/a	K0 dB	Dc dB	Activ dB	Aatm dB	Agri dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr (m)	Dist (m)	
145	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	72.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	1235
145	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	72.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	1235
145	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	72.8	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	1235
145	32355313.00	5772341.00	164.00	0	N	500																

Immissionspunkt  
 Bez.: IP35 Sand 137  
 ID:  
 X: 32354174.53 m  
 Y: 5773533.38 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
149	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	1438
149	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	1438
149	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1438
149	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	1438
149	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	1438
149	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	74.2	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	1438
149	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	74.2	47.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20.4	1438
149	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	74.2	168.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-155.8	1438

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
151	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	75.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	1656
151	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	75.4	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	1656
151	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	1656
151	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1656
151	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	75.4	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	1656
151	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	75.4	16.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	1656
151	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	75.4	54.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-30.8	1656
151	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	75.4	193.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-184.5	1656

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
152	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	2010
152	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	2010
152	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	2010
152	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	2010
152	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	2010
152	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	77.1	19.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	2010
152	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	77.1	65.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-43.0	2010
152	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	77.1	124.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-226.5	2010

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
153	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	77.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	2176
153	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	77.8	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	2176
153	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	77.8	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	2176
153	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	77.8	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	2176
153	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	77.8	8.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	2176
153	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	77.8	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	2176
153	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	77.8	71.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-50.2	2176
153	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	77.8	254.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-247.6	2176

Immissionspunkt  
 Bez.: IP36 Sand 138  
 ID:  
 X: 32354051.80 m  
 Y: 5773375.14 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
154	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	1381
154	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	75.8	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1381
154	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	75.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1381
154	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	75.8	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1381
154	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	75.8	5.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	1381
154	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	75.8	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	1381
154	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	75.8	45.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-18.2	1381
154	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	75.8	161.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-148.7	1381

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw (dB(A))	I/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agri (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr (m)	Dist (m)	
156	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	1639
156	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	1639
156	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	1639
156	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	1639
156	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	1639
156	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	75.3	15.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	1639
156	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	75.3	53.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-30.1	1639
156	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	75.3	191.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-182.3	1639
156	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	75.4	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	1656
156	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	75.4	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	1656
156	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0												

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	RefI (Hz)	DEN (Hz)	Lw (dB(A))	l/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	CmetI (dB)	RV (dB)	Lr (m)	Dist (m)	
1793235573.00	5771874.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.2	2143
1793235573.00	5771874.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	77.6	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.3	2143
1793235573.00	5771874.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	77.6	20.7	-3.0	0.0	0.0	0.0	0.0	0.0	6.2	2143
1793235573.00	5771874.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	77.6	70.2	-3.0	0.0	0.0	0.0	0.0	0.0	-48.9	2143
1793235573.00	5771874.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	77.6	250.5	-3.0	0.0	0.0	0.0	0.0	0.0	-243.6	2143
1823235573.00	5771874.00	5771874.00	164.00	1	N	500	99.0	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	7.5	0.0	1.0	12.4	2161
1823235573.00	5771874.00	5771874.00	164.00	1	N	1000	100.8	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	11.2	0.0	1.0	6.0	2161
1823235573.00	5771874.00	5771874.00	164.00	1	N	2000	101.5	0.0	0.0	0.0	77.7	20.9	-3.0	0.0	0.0	13.7	0.0	1.0	-8.7	2161
1823235573.00	5771874.00	5771874.00	164.00	1	N	4000	95.9	0.0	0.0	0.0	77.7	70.8	-3.0	0.0	0.0	16.4	0.0	1.0	-67.1	2161
1823235573.00	5771874.00	5771874.00	164.00	1	N	8000	81.5	0.0	0.0	0.0	77.7	252.6	-3.0	0.0	0.0	19.3	0.0	1.0	-266.1	2161

Immissionspunkt  
 Bez.: IP37 Sand 21  
 ID:  
 X: 32353352 29 m  
 Y: 5773047.24 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	RefI (Hz)	DEN (Hz)	Lw (dB(A))	l/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	CmetI (dB)	RV (dB)	Lr (m)	Dist (m)	
15532354924.00	5772316.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	5.1	0.0	0.0	11.9	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	5.5	0.0	0.0	18.7	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	6.1	0.0	0.0	19.1	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	7.1	0.0	0.0	17.7	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	8.6	0.0	0.0	15.0	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	75.8	16.8	-3.0	0.0	0.0	10.6	0.0	0.0	3.3	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	75.8	57.0	-3.0	0.0	0.0	13.0	0.0	0.0	44.9	1741
15532354924.00	5772316.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	75.8	203.5	-3.0	0.0	0.0	15.7	0.0	0.0	-208.4	1741

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	RefI (Hz)	DEN (Hz)	Lw (dB(A))	l/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	CmetI (dB)	RV (dB)	Lr (m)	Dist (m)	
15732355155.00	5771786.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.0	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.6	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.9	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.9	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	77.9	21.3	-3.0	0.0	0.0	0.0	0.0	0.0	6.3	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	77.9	72.3	-3.0	0.0	0.0	0.0	0.0	0.0	50.3	2206
15732355155.00	5771786.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	77.9	257.8	-3.0	0.0	0.0	0.0	0.0	0.0	-250.2	2206

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	RefI (Hz)	DEN (Hz)	Lw (dB(A))	l/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	CmetI (dB)	RV (dB)	Lr (m)	Dist (m)	
15932355313.00	5772341.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	77.4	0.3	-3.0	0.0	0.0	5.5	0.0	0.0	7.9	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	77.4	0.9	-3.0	0.0	0.0	6.2	0.0	0.0	14.3	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	77.4	2.2	-3.0	0.0	0.0	7.2	0.0	0.0	14.0	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	77.4	4.0	-3.0	0.0	0.0	8.8	0.0	0.0	11.8	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	77.4	7.6	-3.0	0.0	0.0	10.8	0.0	0.0	7.9	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	77.4	20.2	-3.0	0.0	0.0	13.9	0.0	0.0	-6.4	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	77.4	68.5	-3.0	0.0	0.0	15.3	0.0	0.0	62.9	2090
15932355313.00	5772341.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	77.4	244.3	-3.0	0.0	0.0	18.8	0.0	0.0	-256.0	2090

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N1636.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	RefI (Hz)	DEN (Hz)	Lw (dB(A))	l/a (dB)	K0 (dB)	Dc (dB)	Activ (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	CmetI (dB)	RV (dB)	Lr (m)	Dist (m)	
16232355573.00	5771874.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	4.9	0.0	0.0	13.8	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	5.0	0.0	0.0	14.2	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	79.0	4.9	-3.0	0.0	0.0	5.2	0.0	0.0	13.0	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	5.6	0.0	0.0	10.0	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	6.2	0.0	0.0	-5.1	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	79.0	82.5	-3.0	0.0	0.0	7.3	0.0	0.0	49.9	2517
16232355573.00	5771874.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	79.0	294.1	-3.0	0.0	0.0	8.9	0.0	0.0	-297.6	2517

Immissionspunkt  
 Bez.: IP38 Sand 20  
 ID:  
 X: 32353198.23 m  
 Y: 5772811.88 m  
 Z: 2.50 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16032354924.00	164.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	76.1	17.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	76.1	59.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-34.3	1803	
16032354924.00	164.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	76.1	210.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-200.3	1803

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16432355155.00	164.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	77.9	21.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	77.9	72.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-50.6	2215	
16432355155.00	164.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	77.9	258.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-251.3	2215

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16632355313.00	164.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	77.7	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	77.7	71.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-50.0	2173	
16632355313.00	164.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	77.7	253.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-247.2	2173

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16832355573.00	164.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	79.7	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	79.7	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	79.7	9.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	79.7	24.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	79.7	83.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-64.1	2558	
16832355573.00	164.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	79.7	299.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-293.7	2558

Immissionspunkt  
 Bez.: IP39 Sand 19  
 ID:  
 X: 323532897.63 m  
 Y: 5772433.96 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16732354924.00	164.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	77.2	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	77.2	19.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	77.2	66.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	2036	
16732354924.00	164.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	77.2	238.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-244.9	2036

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																						
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)			
16932355155.00	164.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	78.4	77.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7	2354	
16932355155.00	164.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	78.4	275.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-279.2	2354

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																			
Nr.	X (m)	Y (m)	Z (m)	Refi	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	K0 dB	Dc dB	Activ dB	Aatm dB	Agr dB	Alol dB	Ahous dB	Abar dB	Cmetl dB	RV dB(A)	Lr Dist dB(A)

Immissionspunkt  
 Bez.: IP40/1 Köckelwick 52  
 ID:  
 X: 32352800.97 m  
 Y: 5771093.71 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
17082354924.00	17082354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	8.5	0.0	0.0	5.5	2455	
17082354924.00	17082354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	10.4	0.0	0.0	10.8	0.0	8.6
17082354924.00	17082354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	12.8	0.0	0.0	12.8	0.0	8.6
17082354924.00	17082354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	15.5	0.0	0.0	15.5	0.0	5.0
17082354924.00	17082354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	18.3	0.0	0.0	18.3	0.0	-0.3
17082354924.00	17082354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	78.8	23.7	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-16.0
17082354924.00	17082354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	78.8	80.4	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-78.3
17082354924.00	17082354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	78.8	286.9	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-299.2

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
17282355155.00	17282355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	8.1	0.0	0.0	4.9	2459	
17282355155.00	17282355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	9.9	0.0	0.0	10.0	2459	
17282355155.00	17282355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	78.6	2.6	-3.0	0.0	0.0	12.2	0.0	0.0	12.2	0.0	8.2
17282355155.00	17282355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	0.0	78.6	4.7	-3.0	0.0	0.0	14.8	0.0	0.0	14.8	0.0	4.7
17282355155.00	17282355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	0.0	78.6	9.0	-3.0	0.0	0.0	17.6	0.0	0.0	17.6	0.0	-0.6
17282355155.00	17282355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	0.0	78.6	23.8	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-17.1
17282355155.00	17282355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	0.0	78.6	80.6	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-79.5
17282355155.00	17282355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	0.0	78.6	287.4	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-300.7

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
17582355313.00	17582355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	8.1	0.0	0.0	7.6	2809	
17582355313.00	17582355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	0.0	79.8	1.2	-3.0	0.0	0.0	9.9	0.0	0.0	10.0	2809	
17582355313.00	17582355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	12.2	0.0	0.0	12.2	0.0	5.7
17582355313.00	17582355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	0.0	79.8	5.4	-3.0	0.0	0.0	14.8	0.0	0.0	14.8	0.0	1.8
17582355313.00	17582355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	79.8	10.3	-3.0	0.0	0.0	17.6	0.0	0.0	17.6	0.0	-4.1
17582355313.00	17582355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	79.8	26.7	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-22.6
17582355313.00	17582355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	79.8	90.7	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-93.1
17582355313.00	17582355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	79.8	328.3	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-343.8

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
17782355573.00	17782355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	0.0	80.0	0.3	-3.0	0.0	0.0	7.7	0.0	0.0	2.9	2884	
17782355573.00	17782355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	0.0	80.0	1.2	-3.0	0.0	0.0	9.4	0.0	0.0	9.4	0.0	8.0
17782355573.00	17782355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	0.0	80.0	3.0	-3.0	0.0	0.0	11.5	0.0	0.0	11.5	0.0	6.0
17782355573.00	17782355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	0.0	80.0	5.6	-3.0	0.0	0.0	14.1	0.0	0.0	14.1	0.0	2.2
17782355573.00	17782355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	0.0	80.0	10.5	-3.0	0.0	0.0	16.8	0.0	0.0	16.8	0.0	-3.8
17782355573.00	17782355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	0.0	80.0	27.9	-3.0	0.0	0.0	19.7	0.0	0.0	19.7	0.0	-23.3
17782355573.00	17782355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	0.0	80.0	94.5	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-95.8
17782355573.00	17782355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	0.0	80.0	337.1	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-352.8

Immissionspunkt  
 Bez.: IP40/2 Köckelwick 52  
 ID:  
 X: 32352858.22 m  
 Y: 5771074.56 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)	
17482354924.00	17482354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	8.6	0.0	0.0	5.6	2415	
17482354924.00	17482354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	10.5	0.0	0.0	10.5	0.0	10.5
17482354924.00	17482354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	12.9	0.0	0.0	12.9	0.0	8.7
17482354924.00	17482354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	15.6	0.0	0.0	15.6	0.0	5.1
17482354924.00	17482354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	0.0	78.7	8.8	-3.0	0.0	0.0	18.4	0.0	0.0	18.4	0.0	-0.1
17482354924.00	17482354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	0.0	78.7	23.3	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-15.5
17482354924.00	17482354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	0.0	78.7	79.2	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-76.9
17482354924.00	17482354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	0.0	78.7	282.3	-3.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	-294.5

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw dB(A)	l/a	K0 dB	Dc dB	Activ	Aatm	Agr	Atol	Ahous	Abar	Cmetl	RV	Lr	Dist dB(A)
17882355515.00	17882355515.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	8.2	0.0	0.0	5.0	2410
17882355515.00	17882355515.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	10.0	0.0	0.0	10.0	2410
17882355515.00	17882355515.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	12.4	0.0	0		

Immissionspunkt  
 Bez.: IP41/1 Köckelwick 52  
 ID:  
 X: 32353017.63 m  
 Y: 5771044.03 m  
 Z: 2.50 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))
181	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	9.1	0.0	0.0	0.0	5.5	2297
181	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	11.2	0.0	0.0	0.0	10.3	2297
181	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	13.7	0.0	0.0	0.0	8.5	2297
181	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	16.4	0.0	0.0	0.0	4.9	2297
181	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	19.3	0.0	0.0	0.0	-0.1	2297
181	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	78.2	22.2	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-13.9	2297
181	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	78.2	75.3	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-72.6	2297
181	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	78.2	268.5	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-280.3	2297

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))
184	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	8.8	0.0	0.0	0.0	4.9	2268
184	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	10.8	0.0	0.0	0.0	9.8	2268
184	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	13.3	0.0	0.0	0.0	8.0	2268
184	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	16.0	0.0	0.0	0.0	4.6	2268
184	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	18.8	0.0	0.0	0.0	-0.4	2268
184	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	78.1	21.9	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-14.5	2268
184	32355155.00	5771786.00	164.00	0	N	4000	96.9	0.0	0.0	78.1	74.3	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-72.5	2268
184	32355155.00	5771786.00	164.00	0	N	8000	82.5	0.0	0.0	78.1	265.1	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-277.7	2268

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))
185	32355313.00	5772341.00	164.00	0	N	63	88.1	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	8.7	0.0	0.0	0.0	2.6	2641
185	32355313.00	5772341.00	164.00	0	N	125	95.7	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	10.7	0.0	0.0	0.0	7.5	2641
185	32355313.00	5772341.00	164.00	0	N	250	97.8	0.0	0.0	79.4	2.8	-3.0	0.0	0.0	13.1	0.0	0.0	0.0	5.5	2641
185	32355313.00	5772341.00	164.00	0	N	500	99.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	15.8	0.0	0.0	0.0	1.6	2641
185	32355313.00	5772341.00	164.00	0	N	1000	100.8	0.0	0.0	79.4	9.7	-3.0	0.0	0.0	18.7	0.0	0.0	0.0	-4.0	2641
185	32355313.00	5772341.00	164.00	0	N	2000	101.5	0.0	0.0	79.4	25.5	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-20.5	2641
185	32355313.00	5772341.00	164.00	0	N	4000	95.9	0.0	0.0	79.4	86.6	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-87.1	2641
185	32355313.00	5772341.00	164.00	0	N	8000	81.5	0.0	0.0	79.4	308.7	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-323.7	2641

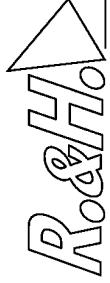
Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))
186	32355573.00	5771874.00	164.00	0	N	63	88.1	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	8.4	0.0	0.0	0.0	2.8	2692
186	32355573.00	5771874.00	164.00	0	N	125	95.7	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	10.3	0.0	0.0	0.0	7.7	2692
186	32355573.00	5771874.00	164.00	0	N	250	97.8	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	12.6	0.0	0.0	0.0	5.8	2692
186	32355573.00	5771874.00	164.00	0	N	500	99.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	15.3	0.0	0.0	0.0	1.9	2692
186	32355573.00	5771874.00	164.00	0	N	1000	100.8	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	18.1	0.0	0.0	0.0	-3.7	2692
186	32355573.00	5771874.00	164.00	0	N	2000	101.5	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-21.1	2692
186	32355573.00	5771874.00	164.00	0	N	4000	95.9	0.0	0.0	79.6	88.2	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-88.9	2692
186	32355573.00	5771874.00	164.00	0	N	8000	81.5	0.0	0.0	79.6	314.6	-3.0	0.0	0.0	20.0	0.0	0.0	0.0	-329.7	2692

Immissionspunkt  
 Bez.: IP41/2 Köckelwick 52  
 ID:  
 X: 32353024.37 m  
 Y: 5771048.16 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))	
191	32354924.00	5772316.00	164.00	0	N	63	90.1	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	2289
191	32354924.00	5772316.00	164.00	0	N	125	97.7	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	2289
191	32354924.00	5772316.00	164.00	0	N	250	99.8	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	2289
191	32354924.00	5772316.00	164.00	0	N	500	101.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	2289
191	32354924.00	5772316.00	164.00	0	N	1000	102.8	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	2289
191	32354924.00	5772316.00	164.00	0	N	2000	103.5	0.0	0.0	78.2	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	2289
191	32354924.00	5772316.00	164.00	0	N	4000	97.9	0.0	0.0	78.2	75.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-52.3	2289
191	32354924.00	5772316.00	164.00	0	N	8000	83.5	0.0	0.0	78.2	267.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-259.3	2289

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""																					
Nr.	X (m)	Y (m)	Z (m)	Ref1	DEN	Freq. (Hz)	Lw (dB(A))	l/a	K0 (dB)	Dc (dB)	Activ	Aatm (dB)	Agr (dB)	Alol (dB)	Ahous (dB)	Abar (dB)	Cmetl (dB)	RV (dB)	Lr (m)	Dist (dB(A))	
192	32355155.00	5771786.00	164.00	0	N	63	89.1	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	2260
192	32355155.00	5771786.00	164.00	0	N	125	96.7	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	2260
192	32355155.00	5771786.00	164.00	0	N	250	98.8	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	2260
192	32355155.00	5771786.00	164.00	0	N	500	100.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	2260
192	32355155.00	5771786.00	164.00	0	N	1000	101.8	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	2260
192	32355155.00	5771786.00	164.00	0	N	2000	102.5	0.0	0.0	78.1	21.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	2260
192	32355155.00	5771786.00	164.00	0	N</																





# Richters & Hüls

Ingenieurbüro für Abfallwirtschaft und Immissionsschutz

Immissionspunkt  
 Bez.: IP42 Hörstele 8/8a  
 ID:  
 X: 32356421.16 m  
 Y: 5772578.35 m  
 Z: 5.00 m

Punktquelle nach ISO 9613, Bez.: "WEA H1, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	H (Hz)	Ref1	DEN	Lw dB(A)	I/a dB	K0 dB	Dc dB	Adiv dB	Aatm dB	Agr dB	Alol dB	Alous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)	
187	32355573.00	5771874.00	164.00	63	0	N	86.1	0.0	0.0	0.0	71.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	1114
187	32355573.00	5771874.00	164.00	125	95.7	0	0.0	0.0	0.0	71.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1114
187	32355573.00	5771874.00	164.00	250	97.8	0	0.0	0.0	0.0	71.9	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	1114
187	32355573.00	5771874.00	164.00	500	99.0	0	0.0	0.0	0.0	71.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	1114
187	32355573.00	5771874.00	164.00	1000	100.8	0	0.0	0.0	0.0	71.9	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	1114
187	32355573.00	5771874.00	164.00	2000	101.5	0	0.0	0.0	0.0	71.9	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	1114
187	32355573.00	5771874.00	164.00	4000	95.9	0	0.0	0.0	0.0	71.9	36.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.5	1114
187	32355573.00	5771874.00	164.00	8000	81.5	0	0.0	0.0	0.0	71.9	130.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-117.6	1114

Punktquelle nach ISO 9613, Bez.: "WEA H4, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	H (Hz)	Ref1	DEN	Lw dB(A)	I/a dB	K0 dB	Dc dB	Adiv dB	Aatm dB	Agr dB	Alol dB	Alous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)	
188	32355313.00	5772341.00	164.00	63	86.1	0	0.0	0.0	0.0	72.2	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	1144
188	32355313.00	5772341.00	164.00	125	95.7	0	0.0	0.0	0.0	72.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	1144
188	32355313.00	5772341.00	164.00	250	97.8	0	0.0	0.0	0.0	72.2	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	1144
188	32355313.00	5772341.00	164.00	500	99.0	0	0.0	0.0	0.0	72.2	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1144
188	32355313.00	5772341.00	164.00	1000	100.8	0	0.0	0.0	0.0	72.2	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	1144
188	32355313.00	5772341.00	164.00	2000	101.5	0	0.0	0.0	0.0	72.2	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	1144
188	32355313.00	5772341.00	164.00	4000	95.9	0	0.0	0.0	0.0	72.2	37.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.8	1144
188	32355313.00	5772341.00	164.00	8000	81.5	0	0.0	0.0	0.0	72.2	133.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-121.4	1144

Punktquelle nach ISO 9613, Bez.: "WEA H3, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	H (Hz)	Ref1	DEN	Lw dB(A)	I/a dB	K0 dB	Dc dB	Adiv dB	Aatm dB	Agr dB	Alol dB	Alous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)	
189	32354924.00	5772316.00	164.00	63	90.1	0	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	1528
189	32354924.00	5772316.00	164.00	125	97.7	0	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	1528
189	32354924.00	5772316.00	164.00	250	99.8	0	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1528
189	32354924.00	5772316.00	164.00	500	101.0	0	0.0	0.0	0.0	74.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	1528
189	32354924.00	5772316.00	164.00	1000	102.8	0	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	1528
189	32354924.00	5772316.00	164.00	2000	103.5	0	0.0	0.0	0.0	74.7	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	1528
189	32354924.00	5772316.00	164.00	4000	97.9	0	0.0	0.0	0.0	74.7	50.1	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.9	1528
189	32354924.00	5772316.00	164.00	8000	83.3	0	0.0	0.0	0.0	74.7	178.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-166.8	1528

Punktquelle nach ISO 9613, Bez.: "WEA H2, Nordex N163/6.X", ID: ""

Nr.	X (m)	Y (m)	Z (m)	H (Hz)	Ref1	DEN	Lw dB(A)	I/a dB	K0 dB	Dc dB	Adiv dB	Aatm dB	Agr dB	Alol dB	Alous dB	Abar dB	Cmetl dB	RV dB	Lr dB(A)	Dist (m)	
190	32355155.00	5771786.00	164.00	63	89.1	0	0.0	0.0	0.0	74.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	1502
190	32355155.00	5771786.00	164.00	125	96.7	0	0.0	0.0	0.0	74.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1502
190	32355155.00	5771786.00	164.00	250	98.8	0	0.0	0.0	0.0	74.5	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1502
190	32355155.00	5771786.00	164.00	500	100.0	0	0.0	0.0	0.0	74.5	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	1502
190	32355155.00	5771786.00	164.00	1000	101.8	0	0.0	0.0	0.0	74.5	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1502
190	32355155.00	5771786.00	164.00	2000	102.5	0	0.0	0.0	0.0	74.5	14.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	1502
190	32355155.00	5771786.00	164.00	4000	96.9	0	0.0	0.0	0.0	74.5	49.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.9	1502
190	32355155.00	5771786.00	164.00	8000	82.5	0	0.0	0.0	0.0	74.5	175.6	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-164.6	1502