

Immissionspunkt
 Bez.: IP01 - Bischof-Ferdinand-Weg 18, 57368 Lennestadt
 ID: !02!
 X: 431338.83 m
 Y: 5660420.60 m
 Z: 331.65 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.6
1	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.0
1	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.4
1	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.5
1	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.7	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.1
1	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.7	18.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.5
1	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.7	63.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.8
1	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.7	226.3	-3.0	0.0	0.0	0.0	0.0	0.0	-215.0

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.2
4	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.5
4	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.2	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9
4	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.2	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.9
4	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.2	7.4	-3.0	0.0	0.0	0.0	0.0	0.0	22.3
4	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.2	19.6	-3.0	0.0	0.0	0.0	0.0	0.0	8.2
4	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.2	66.6	-3.0	0.0	0.0	0.0	0.0	0.0	-45.4
4	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.2	237.7	-3.0	0.0	0.0	0.0	0.0	0.0	-226.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.6
7	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.9
7	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.2
7	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.1
7	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.2
7	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.3
7	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.7	71.1	-3.0	0.0	0.0	0.0	0.0	0.0	-50.4
7	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.7	253.4	-3.0	0.0	0.0	0.0	0.0	0.0	-243.0

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
10	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	85.9	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
10	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	85.9	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
10	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	85.9	5.8	-3.0	0.0	0.0	4.8	0.0	0.0	6.3
10	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	85.9	10.8	-3.0	0.0	0.0	4.8	0.0	0.0	3.9
10	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	85.9	20.4	-3.0	0.0	0.0	4.8	0.0	0.0	-5.0
10	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	85.9	53.9	-3.0	0.0	0.0	4.8	0.0	0.0	-41.0
10	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	85.9	182.9	-3.0	0.0	0.0	4.8	0.0	0.0	-177.5
10	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	85.9	652.2	-3.0	0.0	0.0	4.8	0.0	0.0	-654.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
12	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.2	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.3
12	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.2	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	3.3
12	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.2	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.2
12	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.2	9.8	-3.0	0.0	0.0	4.8	0.0	0.0	2.5
12	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.2	18.7	-3.0	0.0	0.0	4.8	0.0	0.0	-4.7
12	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.2	49.3	-3.0	0.0	0.0	4.8	0.0	0.0	-35.9
12	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.2	167.3	-3.0	0.0	0.0	4.8	0.0	0.0	-157.6
12	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.2	596.7	-3.0	0.0	0.0	4.8	0.0	0.0	-597.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
17	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.4	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.1
17	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.4	2.2	-3.0	0.0	0.0	4.8	0.0	0.0	3.0
17	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.4	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	4.8
17	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.4	10.1	-3.0	0.0	0.0	4.8	0.0	0.0	2.0
17	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.4	19.2	-3.0	0.0	0.0	4.8	0.0	0.0	-5.5
17	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.4	50.8	-3.0	0.0	0.0	4.8	0.0	0.0	-37.6
17	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.4	172.2	-3.0	0.0	0.0	4.8	0.0	0.0	-162.8
17	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.4	614.3	-3.0	0.0	0.0	4.8	0.0	0.0	-615.7

Immissionspunkt
 Bez.: IP02 - Schnettmecke 19, 57368 Lennestadt
 ID: !02!
 X: 431400.80 m
 Y: 5660431.18 m
 Z: 324.00 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
13	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	9.9
13	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	4.7	0.0	0.0	16.3
13	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	4.6	0.0	0.0	17.9
13	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	4.3	0.0	0.0	18.2
13	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.7	7.0	-3.0	0.0	0.0	3.9	0.0	0.0	19.3
13	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.7	18.6	-3.0	0.0	0.0	2.8	0.0	0.0	6.9
13	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.7	63.1	-3.0	0.0	0.0	0.0	0.0	0.0	-41.4
13	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.7	225.2	-3.0	0.0	0.0	0.0	0.0	0.0	-213.8

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
15	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.5
15	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	15.8
15	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	17.3
15	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	4.8	0.0	0.0	17.3
15	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	4.8	0.0	0.0	17.7
15	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.1	19.4	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
15	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.1	65.9	-3.0	0.0	0.0	4.8	0.0	0.0	-49.3
15	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.1	234.9	-3.0	0.0	0.0	4.8	0.0	0.0	-228.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
18	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.4
18	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.7
18	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.0
18	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.9
18	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.9
18	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.9	21.4	-3.0	0.0	0.0	0.0	0.0	0.0	5.8
18	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.9	72.4	-3.0	0.0	0.0	0.0	0.0	0.0	-51.9
18	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.9	258.3	-3.0	0.0	0.0	0.0	0.0	0.0	-248.1

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
21	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.0	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.4
21	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.0	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
21	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.0	5.9	-3.0	0.0	0.0	4.8	0.0	0.0	6.2
21	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.0	10.8	-3.0	0.0	0.0	4.8	0.0	0.0	3.8
21	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.0	20.6	-3.0	0.0	0.0	4.8	0.0	0.0	-5.3
21	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.0	54.4	-3.0	0.0	0.0	4.8	0.0	0.0	-41.5
21	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.0	184.4	-3.0	0.0	0.0	4.8	0.0	0.0	-179.0
21	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.0	657.6	-3.0	0.0	0.0	4.8	0.0	0.0	-660.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
26	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.2	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.3
26	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.2	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	3.2
26	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.2	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.1
26	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.2	9.9	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
26	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.2	18.8	-3.0	0.0	0.0	4.8	0.0	0.0	-5.0
26	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.2	49.8	-3.0	0.0	0.0	4.8	0.0	0.0	-36.4
26	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.2	168.8	-3.0	0.0	0.0	4.8	0.0	0.0	-159.2
26	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.2	602.2	-3.0	0.0	0.0	4.8	0.0	0.0	-603.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
32	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.5	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.0
32	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.5	2.2	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
32	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.5	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	4.7
32	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.5	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	1.8
32	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.5	19.4	-3.0	0.0	0.0	4.8	0.0	0.0	-5.8
32	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.5	51.3	-3.0	0.0	0.0	4.8	0.0	0.0	-38.1
32	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.5	173.9	-3.0	0.0	0.0	4.8	0.0	0.0	-164.5
32	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.5	620.1	-3.0	0.0	0.0	4.8	0.0	0.0	-621.6

Immissionspunkt
 Bez.: IP03 - Am Krähenberg 24, 57368 Lennestadt
 ID: !02!
 X: 431786.49 m
 Y: 5660363.30 m
 Z: 338.91 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4
3	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.8
3	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.0	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.4
3	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
3	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.5
3	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.0	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.9
3	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.0	58.0	-3.0	0.0	0.0	0.0	0.0	0.0	-35.6
3	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.0	207.0	-3.0	0.0	0.0	0.0	0.0	0.0	-194.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4
6	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.8
6	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.0	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.4
6	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
6	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.5
6	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.0	17.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.9
6	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.0	58.0	-3.0	0.0	0.0	0.0	0.0	0.0	-35.6
6	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.0	207.0	-3.0	0.0	0.0	0.0	0.0	0.0	-194.9

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
9	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.2
9	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	15.4
9	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	15.1
9	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	4.8	0.0	0.0	14.9
9	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.5	23.0	-3.0	0.0	0.0	4.8	0.0	0.0	-1.3
9	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.5	77.9	-3.0	0.0	0.0	4.8	0.0	0.0	-62.8
9	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.5	278.0	-3.0	0.0	0.0	4.8	0.0	0.0	-273.2

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
16	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.3	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.1
16	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.3	2.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.5
16	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.3	6.1	-3.0	0.0	0.0	4.9	0.0	0.0	5.6
16	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.3	11.2	-3.0	0.0	0.0	4.9	0.0	0.0	3.0
16	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.3	21.3	-3.0	0.0	0.0	5.1	0.0	0.0	-6.5
16	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.3	56.2	-3.0	0.0	0.0	5.4	0.0	0.0	-44.2
16	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.3	190.4	-3.0	0.0	0.0	5.9	0.0	0.0	-186.5
16	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.3	679.2	-3.0	0.0	0.0	6.8	0.0	0.0	-684.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
20	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.6	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.1
20	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.6	2.2	-3.0	0.0	0.0	4.8	0.0	0.0	2.7
20	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.6	5.6	-3.0	0.0	0.0	4.9	0.0	0.0	4.5
20	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.6	10.3	-3.0	0.0	0.0	5.0	0.0	0.0	1.5
20	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.6	19.6	-3.0	0.0	0.0	5.1	0.0	0.0	-6.4
20	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.6	51.7	-3.0	0.0	0.0	5.5	0.0	0.0	-39.3
20	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.6	175.2	-3.0	0.0	0.0	6.1	0.0	0.0	-167.3
20	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.6	625.0	-3.0	0.0	0.0	7.1	0.0	0.0	-628.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
22	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.8	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
22	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.8	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
22	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.8	5.8	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
22	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.8	10.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.0
22	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.8	20.2	-3.0	0.0	0.0	4.9	0.0	0.0	-7.0
22	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.8	53.4	-3.0	0.0	0.0	4.9	0.0	0.0	-40.7
22	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.8	181.0	-3.0	0.0	0.0	5.1	0.0	0.0	-172.3
22	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.8	645.5	-3.0	0.0	0.0	5.4	0.0	0.0	-647.9

Immissionspunkt
 Bez.: IP04 - Hohe Bracht 1, 57368 Lennestadt
 ID: !02!
 X: 433014.25 m
 Y: 5659655.50 m
 Z: 582.50 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	71.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.1
2	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	71.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.7
2	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	71.4	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	28.7
2	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	71.4	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	29.6
2	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	71.4	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	31.7
2	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	71.4	10.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.5
2	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	71.4	34.3	-3.0	0.0	0.0	0.0	0.0	0.0	-7.4
2	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	71.4	122.5	-3.0	0.0	0.0	0.0	0.0	0.0	-105.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.4
5	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.9
5	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.7
5	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.2
5	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.6
5	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.1	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.2
5	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.1	46.6	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2
5	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.1	166.1	-3.0	0.0	0.0	0.0	0.0	0.0	-152.1

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	3.7	0.0	0.0	7.1
8	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	2.3	0.0	0.0	14.5
8	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.7
8	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	16.9
8	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
8	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.4	28.6	-3.0	0.0	0.0	0.0	0.0	0.0	-4.1
8	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.4	97.1	-3.0	0.0	0.0	0.0	0.0	0.0	-79.1
8	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.4	346.2	-3.0	0.0	0.0	0.0	0.0	0.0	-338.6

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
11	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	5.3
11	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.9	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	9.6
11	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.9	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.5
11	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.9	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.6
11	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.9	22.7	-3.0	0.0	0.0	0.0	0.0	0.0	-3.5
11	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.9	60.0	-3.0	0.0	0.0	0.0	0.0	0.0	-43.3
11	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.9	203.5	-3.0	0.0	0.0	0.0	0.0	0.0	-194.3
11	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.9	726.0	-3.0	0.0	0.0	0.0	0.0	0.0	-724.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
14	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.3	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	3.9
14	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	6.6
14	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.3	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	8.2
14	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.3	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	4.8
14	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.3	21.2	-3.0	0.0	0.0	0.0	0.0	0.0	-3.6
14	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.3	56.1	-3.0	0.0	0.0	0.0	0.0	0.0	-38.9
14	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.3	190.1	-3.0	0.0	0.0	0.0	0.0	0.0	-176.8
14	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.3	678.1	-3.0	0.0	0.0	0.0	0.0	0.0	-675.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
19	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	3.5
19	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	6.2
19	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.6	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	7.5
19	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.6	11.7	-3.0	0.0	0.0	0.0	0.0	0.0	4.0
19	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.6	22.1	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9
19	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.6	58.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.7
19	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.6	198.3	-3.0	0.0	0.0	0.0	0.0	0.0	-185.4
19	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.6	707.4	-3.0	0.0	0.0	0.0	0.0	0.0	-705.2

Immissionspunkt
 Bez.: IP05 - Hogge 36, 57399 Kirchhundem
 ID: !02!
 X: 434412.98 m
 Y: 5658631.82 m
 Z: 386.52 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
23	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4
23	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.7
23	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
23	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.0	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
23	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.7
23	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.0	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.8
23	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.0	65.1	-3.0	0.0	0.0	0.0	0.0	0.0	-43.7
23	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.0	232.3	-3.0	0.0	0.0	0.0	0.0	0.0	-221.2

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
25	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.6
25	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.8
25	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
25	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.7
25	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.7	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.4
25	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.7	23.4	-3.0	0.0	0.0	0.0	0.0	0.0	3.0
25	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.7	79.3	-3.0	0.0	0.0	0.0	0.0	0.0	-59.5
25	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.7	282.7	-3.0	0.0	0.0	0.0	0.0	0.0	-273.3

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
29	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
29	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.4	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
29	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.4	4.4	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
29	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.4	8.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
29	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.4	15.3	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
29	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.4	40.3	-3.0	0.0	0.0	4.8	0.0	0.0	-23.5
29	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.4	136.7	-3.0	0.0	0.0	4.8	0.0	0.0	-126.5
29	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.4	487.6	-3.0	0.0	0.0	4.8	0.0	0.0	-487.7

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
34	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	87.8	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	4.3
34	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	87.8	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.3
34	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	87.8	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	7.8
34	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	87.8	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	4.2
34	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	87.8	25.3	-3.0	0.0	0.0	0.0	0.0	0.0	-7.0
34	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	87.8	66.9	-3.0	0.0	0.0	0.0	0.0	0.0	-51.1
34	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	87.8	226.9	-3.0	0.0	0.0	0.0	0.0	0.0	-218.6
34	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	87.8	809.2	-3.0	0.0	0.0	0.0	0.0	0.0	-809.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
38	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.4	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.1
38	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.4	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.4
38	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.4	6.9	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
38	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.4	12.7	-3.0	0.0	0.0	4.8	0.0	0.0	-2.6
38	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.4	24.1	-3.0	0.0	0.0	4.8	0.0	0.0	-12.4
38	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.4	63.7	-3.0	0.0	0.0	4.8	0.0	0.0	-52.5
38	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.4	216.1	-3.0	0.0	0.0	4.8	0.0	0.0	-208.7
38	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.4	770.9	-3.0	0.0	0.0	4.8	0.0	0.0	-774.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
43	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.8	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.5
43	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.8	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.1
43	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.8	7.2	-3.0	0.0	0.0	4.8	0.0	0.0	0.7
43	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.8	13.3	-3.0	0.0	0.0	4.8	0.0	0.0	-3.6
43	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.8	25.3	-3.0	0.0	0.0	4.8	0.0	0.0	-13.9
43	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.8	66.8	-3.0	0.0	0.0	4.8	0.0	0.0	-55.9
43	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.8	226.4	-3.0	0.0	0.0	4.8	0.0	0.0	219.3
43	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.8	807.5	-3.0	0.0	0.0	4.8	0.0	0.0	811.2

Immissionspunkt
 Bez.: IP06 - Hogge 19, 57399 Kirchhundem
 ID: !02!
 X: 434403.42 m
 Y: 5658604.03 m
 Z: 378.79 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
24	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4
24	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.7
24	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
24	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
24	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.9	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	22.7
24	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.9	19.2	-3.0	0.0	0.0	0.0	0.0	0.0	8.9
24	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.9	65.0	-3.0	0.0	0.0	0.0	0.0	0.0	-43.5
24	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.9	231.7	-3.0	0.0	0.0	0.0	0.0	0.0	-220.5

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
27	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	4.5	0.0	0.0	8.2
27	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	4.2	0.0	0.0	14.7
27	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	3.5	0.0	0.0	16.5
27	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	1.8	0.0	0.0	18.0
27	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	19.4
27	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.6	23.3	-3.0	0.0	0.0	0.0	0.0	0.0	3.1
27	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.6	79.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.2
27	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.6	281.8	-3.0	0.0	0.0	0.0	0.0	0.0	-272.3

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
31	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
31	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.4	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
31	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.4	4.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
31	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.4	8.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
31	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.4	15.2	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
31	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.4	40.2	-3.0	0.0	0.0	4.8	0.0	0.0	-23.4
31	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.4	136.4	-3.0	0.0	0.0	4.8	0.0	0.0	-126.2
31	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.4	486.5	-3.0	0.0	0.0	4.8	0.0	0.0	-486.6

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
35	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	87.8	0.8	-3.0	0.0	0.0	1.3	0.0	0.0	3.0
35	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	87.8	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.4
35	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	87.8	7.2	-3.0	0.0	0.0	0.0	0.0	0.0	7.8
35	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	87.8	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	4.3
35	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	87.8	25.3	-3.0	0.0	0.0	0.0	0.0	0.0	-6.9
35	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	87.8	66.7	-3.0	0.0	0.0	0.0	0.0	0.0	-50.9
35	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	87.8	226.2	-3.0	0.0	0.0	0.0	0.0	0.0	-217.9
35	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	87.8	806.9	-3.0	0.0	0.0	0.0	0.0	0.0	-806.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
41	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.4	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.0
41	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.4	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.5
41	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.4	6.9	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
41	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.4	12.7	-3.0	0.0	0.0	4.8	0.0	0.0	-2.5
41	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.4	24.1	-3.0	0.0	0.0	4.8	0.0	0.0	-12.3
41	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.4	63.6	-3.0	0.0	0.0	4.8	0.0	0.0	-52.3
41	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.4	215.5	-3.0	0.0	0.0	4.8	0.0	0.0	-208.1
41	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.4	768.8	-3.0	0.0	0.0	4.8	0.0	0.0	-772.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
45	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.8	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.5
45	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.8	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.1
45	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.8	7.2	-3.0	0.0	0.0	4.8	0.0	0.0	0.8
45	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.8	13.3	-3.0	0.0	0.0	4.8	0.0	0.0	-3.5
45	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.8	25.2	-3.0	0.0	0.0	4.8	0.0	0.0	-13.8
45	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.8	66.6	-3.0	0.0	0.0	4.8	0.0	0.0	-55.7
45	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.8	225.8	-3.0	0.0	0.0	4.8	0.0	0.0	218.8
45	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.8	805.5	-3.0	0.0	0.0	4.8	0.0	0.0	809.2

Immissionspunkt
 Bez.: IP07 - Sonnenstraße 30, 57399 Kirchhundem
 ID: !02!
 X: 434330.58 m
 Y: 5658581.72 m
 Z: 371.24 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
28	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.7
28	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.1
28	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.6
28	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.6	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.7
28	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.6	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.3
28	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.6	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	9.9
28	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.6	62.7	-3.0	0.0	0.0	0.0	0.0	0.0	-41.0
28	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.6	223.8	-3.0	0.0	0.0	0.0	0.0	0.0	-212.3

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
30	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.9
30	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.2
30	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.4
30	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.1
30	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
30	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.4	22.6	-3.0	0.0	0.0	0.0	0.0	0.0	4.0
30	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.4	76.7	-3.0	0.0	0.0	0.0	0.0	0.0	-56.7
30	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.4	273.6	-3.0	0.0	0.0	0.0	0.0	0.0	-263.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
33	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.2	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.1
33	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.2	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.8
33	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.2	4.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
33	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.2	7.9	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
33	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.2	15.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.9
33	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.2	39.5	-3.0	0.0	0.0	4.8	0.0	0.0	-22.5
33	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.2	134.1	-3.0	0.0	0.0	4.8	0.0	0.0	-123.7
33	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.2	478.1	-3.0	0.0	0.0	4.8	0.0	0.0	-478.0

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
36	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	87.7	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
36	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	87.7	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
36	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	87.7	7.1	-3.0	0.0	0.0	4.8	0.0	0.0	3.2
36	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	87.7	13.2	-3.0	0.0	0.0	4.8	0.0	0.0	-0.2
36	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	87.7	25.0	-3.0	0.0	0.0	4.8	0.0	0.0	-11.3
36	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	87.7	66.0	-3.0	0.0	0.0	4.8	0.0	0.0	-54.8
36	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	87.7	223.8	-3.0	0.0	0.0	4.8	0.0	0.0	-220.1
36	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	87.7	798.1	-3.0	0.0	0.0	4.8	0.0	0.0	-802.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
40	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.3	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-1.9
40	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.3	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.6
40	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.3	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	1.7
40	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.3	12.5	-3.0	0.0	0.0	4.8	0.0	0.0	-2.3
40	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.3	23.8	-3.0	0.0	0.0	4.8	0.0	0.0	-11.9
40	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.3	62.8	-3.0	0.0	0.0	4.8	0.0	0.0	-51.5
40	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.3	213.1	-3.0	0.0	0.0	4.8	0.0	0.0	-205.5
40	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.3	759.9	-3.0	0.0	0.0	4.8	0.0	0.0	-763.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
44	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.7	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.4
44	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.7	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	0.1
44	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.7	7.1	-3.0	0.0	0.0	4.8	0.0	0.0	0.9
44	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.7	13.1	-3.0	0.0	0.0	4.8	0.0	0.0	-3.3
44	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.7	24.9	-3.0	0.0	0.0	4.8	0.0	0.0	-13.5
44	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.7	65.9	-3.0	0.0	0.0	4.8	0.0	0.0	-54.9
44	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.7	223.3	-3.0	0.0	0.0	4.8	0.0	0.0	216.2
44	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.7	796.6	-3.0	0.0	0.0	4.8	0.0	0.0	800.2

Immissionspunkt
 Bez.: IP08 - Wilhelmshöh 7, 57399 Kirchhundem
 ID: !02!
 X: 434309.06 m
 Y: 5658542.09 m
 Z: 352.19 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
37	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8
37	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.6	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.1
37	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.6	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	22.6
37	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.6	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.7
37	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.6	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	23.4
37	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.6	18.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.0
37	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.6	62.3	-3.0	0.0	0.0	0.0	0.0	0.0	-40.5
37	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.6	222.3	-3.0	0.0	0.0	0.0	0.0	0.0	-210.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
39	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
39	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.3	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.2
39	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.3	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.5
39	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.3	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.2
39	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.3	8.5	-3.0	0.0	0.0	0.0	0.0	0.0	20.1
39	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.3	22.5	-3.0	0.0	0.0	0.0	0.0	0.0	4.2
39	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.3	76.1	-3.0	0.0	0.0	0.0	0.0	0.0	-56.1
39	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.3	271.6	-3.0	0.0	0.0	0.0	0.0	0.0	-261.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
42	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.2	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.1
42	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.2	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
42	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.2	4.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.0
42	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.2	7.8	-3.0	0.0	0.0	4.8	0.0	0.0	7.2
42	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.2	14.9	-3.0	0.0	0.0	4.8	0.0	0.0	4.0
42	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.2	39.3	-3.0	0.0	0.0	4.8	0.0	0.0	-22.3
42	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.2	133.4	-3.0	0.0	0.0	4.8	0.0	0.0	-123.0
42	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.2	475.9	-3.0	0.0	0.0	4.8	0.0	0.0	-475.7

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
46	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	87.6	0.8	-3.0	0.0	0.0	4.9	0.0	0.0	-0.5
46	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	87.6	2.8	-3.0	0.0	0.0	5.0	0.0	0.0	3.6
46	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	87.6	7.1	-3.0	0.0	0.0	5.2	0.0	0.0	2.9
46	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	87.6	13.1	-3.0	0.0	0.0	5.6	0.0	0.0	-0.9
46	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	87.6	24.9	-3.0	0.0	0.0	6.3	0.0	0.0	-12.7
46	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	87.6	65.7	-3.0	0.0	0.0	7.4	0.0	0.0	-57.1
46	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	87.6	222.6	-3.0	0.0	0.0	9.0	0.0	0.0	-223.2
46	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	87.6	794.1	-3.0	0.0	0.0	11.1	0.0	0.0	-804.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
49	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.2	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-1.9
49	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.2	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.7
49	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.2	6.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.8
49	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.2	12.5	-3.0	0.0	0.0	4.8	0.0	0.0	-2.2
49	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.2	23.7	-3.0	0.0	0.0	4.8	0.0	0.0	-11.8
49	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.2	62.5	-3.0	0.0	0.0	4.8	0.0	0.0	-51.1
49	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.2	212.0	-3.0	0.0	0.0	4.8	0.0	0.0	-204.4
49	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.2	756.1	-3.0	0.0	0.0	4.8	0.0	0.0	-759.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
53	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.6	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.3
53	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.6	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	0.1
53	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.6	7.1	-3.0	0.0	0.0	4.8	0.0	0.0	1.0
53	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.6	13.1	-3.0	0.0	0.0	4.8	0.0	0.0	-3.2
53	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.6	24.8	-3.0	0.0	0.0	4.8	0.0	0.0	-13.3
53	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.6	65.6	-3.0	0.0	0.0	4.8	0.0	0.0	-54.6
53	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.6	222.3	-3.0	0.0	0.0	4.8	0.0	0.0	215.1
53	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.6	792.9	-3.0	0.0	0.0	4.8	0.0	0.0	796.5

Immissionspunkt
 Bez.: IP09 - Kampstraße 64, 57399 Kirchhundem
 ID: !02!
 X: 434114.11 m
 Y: 5658241.51 m
 Z: 364.23 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
47	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.4
47	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.8
47	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.0	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	23.3
47	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.0	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
47	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.0	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.4
47	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.0	17.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.8
47	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.0	58.2	-3.0	0.0	0.0	0.0	0.0	0.0	-35.8
47	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.0	207.7	-3.0	0.0	0.0	0.0	0.0	0.0	-195.6

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
52	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	3.2	0.0	0.0	10.4
52	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.7	0.0	0.0	19.2
52	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.2
52	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.1
52	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.3
52	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.7	20.9	-3.0	0.0	0.0	0.0	0.0	0.0	6.4
52	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.7	71.0	-3.0	0.0	0.0	0.0	0.0	0.0	-50.3
52	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.7	253.2	-3.0	0.0	0.0	0.0	0.0	0.0	-242.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
55	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.8	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.6
55	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.8	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	9.3
55	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.8	4.1	-3.0	0.0	0.0	4.8	0.0	0.0	9.6
55	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.8	7.5	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
55	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.8	14.2	-3.0	0.0	0.0	4.8	0.0	0.0	5.1
55	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.8	37.6	-3.0	0.0	0.0	4.8	0.0	0.0	-20.2
55	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.8	127.5	-3.0	0.0	0.0	4.8	0.0	0.0	-116.7
55	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.8	454.8	-3.0	0.0	0.0	4.8	0.0	0.0	-454.3

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
62	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	87.3	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	0.1
62	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	87.3	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	4.3
62	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	87.3	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	4.0
62	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	87.3	12.5	-3.0	0.0	0.0	4.8	0.0	0.0	0.8
62	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	87.3	23.8	-3.0	0.0	0.0	4.8	0.0	0.0	-9.7
62	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	87.3	62.8	-3.0	0.0	0.0	4.8	0.0	0.0	-51.3
62	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	87.3	213.1	-3.0	0.0	0.0	4.8	0.0	0.0	-209.0
62	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	87.3	759.9	-3.0	0.0	0.0	4.8	0.0	0.0	-763.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
68	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.8	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-1.5
68	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.8	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.2
68	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.8	6.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
68	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.8	11.9	-3.0	0.0	0.0	4.8	0.0	0.0	-1.2
68	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.8	22.6	-3.0	0.0	0.0	4.8	0.0	0.0	-10.3
68	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.8	59.8	-3.0	0.0	0.0	4.8	0.0	0.0	-48.0
68	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.8	202.8	-3.0	0.0	0.0	4.8	0.0	0.0	-194.8
68	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.8	723.4	-3.0	0.0	0.0	4.8	0.0	0.0	-726.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
79	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	87.3	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	-1.9
79	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	87.3	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.6
79	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	87.3	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	1.7
79	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	87.3	12.6	-3.0	0.0	0.0	4.8	0.0	0.0	-2.3
79	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	87.3	23.8	-3.0	0.0	0.0	4.8	0.0	0.0	-12.0
79	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	87.3	62.9	-3.0	0.0	0.0	4.8	0.0	0.0	-51.6
79	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	87.3	213.4	-3.0	0.0	0.0	4.8	0.0	0.0	205.8
79	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	87.3	761.1	-3.0	0.0	0.0	4.8	0.0	0.0	-764.3

Immissionspunkt
 Bez.: IP10 - Heidschott 1, 57399 Kirchhundem
 ID: !02!
 X: 433634.59 m
 Y: 5658412.98 m
 Z: 347.60 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
48	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.2
48	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.2	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.8
48	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.6
48	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.2	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	27.3
48	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.2	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.0
48	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.2	12.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.3
48	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.2	42.3	-3.0	0.0	0.0	0.0	0.0	0.0	-17.1
48	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.2	150.8	-3.0	0.0	0.0	0.0	0.0	0.0	-135.9

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
50	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	3.6	0.0	0.0	12.3
50	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	2.1	0.0	0.0	20.2
50	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	24.0
50	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.3
50	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.3
50	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3
50	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.5	55.0	-3.0	0.0	0.0	0.0	0.0	0.0	-32.1
50	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.5	196.1	-3.0	0.0	0.0	0.0	0.0	0.0	-183.5

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
51	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.6	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.8
51	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.6	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.7
51	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.6	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	11.2
51	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.6	6.6	-3.0	0.0	0.0	4.8	0.0	0.0	10.0
51	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.6	12.5	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
51	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.6	32.9	-3.0	0.0	0.0	4.8	0.0	0.0	-14.3
51	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.6	111.6	-3.0	0.0	0.0	4.8	0.0	0.0	-99.6
51	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.6	398.0	-3.0	0.0	0.0	4.8	0.0	0.0	-396.4

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
54	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.7	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.6
54	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.7	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
54	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.7	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.9
54	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.7	11.8	-3.0	0.0	0.0	4.8	0.0	0.0	2.1
54	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.7	22.4	-3.0	0.0	0.0	4.8	0.0	0.0	-7.8
54	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.7	59.2	-3.0	0.0	0.0	4.8	0.0	0.0	-47.1
54	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.7	200.7	-3.0	0.0	0.0	4.8	0.0	0.0	-196.1
54	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.7	715.9	-3.0	0.0	0.0	4.8	0.0	0.0	-719.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
57	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.3	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.8
57	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.3	2.4	-3.0	0.0	0.0	4.8	0.0	0.0	1.9
57	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.3	6.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.4
57	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.3	11.2	-3.0	0.0	0.0	4.8	0.0	0.0	0.1
57	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.3	21.2	-3.0	0.0	0.0	4.8	0.0	0.0	-8.3
57	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.3	56.0	-3.0	0.0	0.0	4.8	0.0	0.0	-43.6
57	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.3	189.8	-3.0	0.0	0.0	4.8	0.0	0.0	-181.2
57	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.3	677.0	-3.0	0.0	0.0	4.8	0.0	0.0	-679.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
60	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.7	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-1.3
60	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.7	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.3
60	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.7	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	2.6
60	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.7	11.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.9
60	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.7	22.3	-3.0	0.0	0.0	4.8	0.0	0.0	-9.9
60	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.7	59.0	-3.0	0.0	0.0	4.8	0.0	0.0	-47.1
60	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.7	200.0	-3.0	0.0	0.0	4.8	0.0	0.0	-191.9
60	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.7	713.4	-3.0	0.0	0.0	4.8	0.0	0.0	-716.1

Immissionspunkt
 Bez.: IP11 - Heidschott 5, 57399 Kirchhundem
 ID: !02!
 X: 433671.30 m
 Y: 5658268.38 m
 Z: 344.57 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
70	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.7
70	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.2
70	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.0
70	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.6
70	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	28.1
70	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.7	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	18.0
70	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.7	44.9	-3.0	0.0	0.0	0.0	0.0	0.0	-20.3
70	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.7	160.3	-3.0	0.0	0.0	0.0	0.0	0.0	-145.9

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
75	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
75	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.0
75	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
75	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8
75	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7
75	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.8	16.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.4
75	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.8	57.0	-3.0	0.0	0.0	0.0	0.0	0.0	-34.4
75	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.8	203.3	-3.0	0.0	0.0	0.0	0.0	0.0	-191.0

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
77	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.6
77	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
77	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	11.1
77	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
77	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.8	12.6	-3.0	0.0	0.0	4.8	0.0	0.0	7.7
77	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.8	33.4	-3.0	0.0	0.0	4.8	0.0	0.0	-14.9
77	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.8	113.1	-3.0	0.0	0.0	4.8	0.0	0.0	-101.3
77	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.8	403.5	-3.0	0.0	0.0	4.8	0.0	0.0	-401.9

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
81	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.7	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.7
81	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.7	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
81	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.7	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
81	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.7	11.8	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
81	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.7	22.3	-3.0	0.0	0.0	4.8	0.0	0.0	-7.7
81	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.7	59.0	-3.0	0.0	0.0	4.8	0.0	0.0	-46.8
81	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.7	199.9	-3.0	0.0	0.0	4.8	0.0	0.0	-195.3
81	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.7	713.2	-3.0	0.0	0.0	4.8	0.0	0.0	-716.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
84	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.2	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.8
84	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.2	2.4	-3.0	0.0	0.0	4.8	0.0	0.0	1.9
84	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.2	6.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
84	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.2	11.1	-3.0	0.0	0.0	4.8	0.0	0.0	0.2
84	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.2	21.1	-3.0	0.0	0.0	4.8	0.0	0.0	-8.2
84	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.2	55.8	-3.0	0.0	0.0	4.8	0.0	0.0	-43.5
84	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.2	189.4	-3.0	0.0	0.0	4.8	0.0	0.0	-180.8
84	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.2	675.4	-3.0	0.0	0.0	4.8	0.0	0.0	-677.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
87	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.7	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-1.3
87	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.7	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.3
87	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.7	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	2.7
87	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.7	11.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.9
87	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.7	22.3	-3.0	0.0	0.0	4.8	0.0	0.0	-9.9
87	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.7	58.9	-3.0	0.0	0.0	4.8	0.0	0.0	-47.0
87	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.7	199.7	-3.0	0.0	0.0	4.8	0.0	0.0	-191.6
87	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.7	712.4	-3.0	0.0	0.0	4.8	0.0	0.0	-715.1

Immissionspunkt
 Bez.: IP12 - Heidschott 2, 57399 Kirchhundem
 ID: !02!
 X: 433576.02 m
 Y: 5658287.15 m
 Z: 351.81 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
56	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.3
56	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.8
56	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.7
56	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.1	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	27.4
56	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.1
56	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.1	12.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.5
56	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.1	41.9	-3.0	0.0	0.0	0.0	0.0	0.0	-16.6
56	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.1	149.5	-3.0	0.0	0.0	0.0	0.0	0.0	-134.5

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
58	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	11.4
58	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	4.7	0.0	0.0	17.8
58	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	4.6	0.0	0.0	19.6
58	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	4.4	0.0	0.0	20.1
58	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	4.0	0.0	0.0	21.6
58	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	3.0	0.0	0.0	10.8
58	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.3	53.9	-3.0	0.0	0.0	0.0	0.0	0.0	-30.8
58	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.3	192.1	-3.0	0.0	0.0	0.0	0.0	0.0	-179.3

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
59	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.5	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.9
59	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.5	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.8
59	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.5	3.5	-3.0	0.0	0.0	4.8	0.0	0.0	11.4
59	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.5	6.5	-3.0	0.0	0.0	4.8	0.0	0.0	10.2
59	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.5	12.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.3
59	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.5	32.4	-3.0	0.0	0.0	4.9	0.0	0.0	-13.8
59	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.5	110.0	-3.0	0.0	0.0	5.0	0.0	0.0	-98.1
59	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.5	392.2	-3.0	0.0	0.0	5.3	0.0	0.0	-390.9

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
61	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.6	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.8
61	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.6	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.2
61	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.6	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.2
61	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.6	11.6	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
61	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.6	22.0	-3.0	0.0	0.0	4.8	0.0	0.0	-7.3
61	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.6	58.2	-3.0	0.0	0.0	4.8	0.0	0.0	-46.0
61	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.6	197.3	-3.0	0.0	0.0	4.8	0.0	0.0	-192.6
61	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.6	703.7	-3.0	0.0	0.0	4.8	0.0	0.0	-707.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
64	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.1	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.7
64	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.1	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.1
64	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.1	5.9	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
64	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.1	11.0	-3.0	0.0	0.0	4.8	0.0	0.0	0.4
64	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.1	20.8	-3.0	0.0	0.0	4.8	0.0	0.0	-7.8
64	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.1	55.0	-3.0	0.0	0.0	4.8	0.0	0.0	-42.5
64	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.1	186.6	-3.0	0.0	0.0	4.8	0.0	0.0	-178.0
64	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.1	665.6	-3.0	0.0	0.0	4.9	0.0	0.0	-667.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
67	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.6	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-1.2
67	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.6	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
67	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.6	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
67	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.6	11.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.6
67	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.6	22.0	-3.0	0.0	0.0	4.8	0.0	0.0	-9.4
67	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.6	58.1	-3.0	0.0	0.0	4.8	0.0	0.0	-46.0
67	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.6	196.9	-3.0	0.0	0.0	4.8	0.0	0.0	-188.7
67	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.6	702.4	-3.0	0.0	0.0	4.8	0.0	0.0	-705.0

Immissionspunkt
 Bez.: IP13 - Heidschott 3, 57399 Kirchhundem
 ID: !02!
 X: 433592.40 m
 Y: 5658214.23 m
 Z: 350.81 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
63	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.0
63	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.5
63	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.4
63	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.4	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	27.0
63	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	0.0	0.0	0.0	28.6
63	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.4	12.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.8
63	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.4	43.4	-3.0	0.0	0.0	0.0	0.0	0.0	-18.4
63	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.4	154.6	-3.0	0.0	0.0	0.0	0.0	0.0	-140.0

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
65	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9
65	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3
65	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.5	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	24.0
65	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.3
65	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.5	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	25.3
65	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.5	16.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.3
65	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.5	54.9	-3.0	0.0	0.0	0.0	0.0	0.0	-32.0
65	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.5	196.0	-3.0	0.0	0.0	0.0	0.0	0.0	-183.4

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
66	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.6	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.8
66	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.6	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.7
66	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.6	3.5	-3.0	0.0	0.0	4.9	0.0	0.0	11.2
66	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.6	6.5	-3.0	0.0	0.0	5.0	0.0	0.0	10.0
66	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.6	12.4	-3.0	0.0	0.0	5.1	0.0	0.0	7.8
66	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.6	32.7	-3.0	0.0	0.0	5.5	0.0	0.0	-14.7
66	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.6	110.7	-3.0	0.0	0.0	6.1	0.0	0.0	-100.0
66	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.6	394.9	-3.0	0.0	0.0	7.0	0.0	0.0	-395.5

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
69	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	86.6	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.8
69	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	86.6	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.2
69	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	86.6	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.2
69	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	86.6	11.6	-3.0	0.0	0.0	4.8	0.0	0.0	2.5
69	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	86.6	22.0	-3.0	0.0	0.0	4.8	0.0	0.0	-7.2
69	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	86.6	58.1	-3.0	0.0	0.0	4.8	0.0	0.0	-45.8
69	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	86.6	196.9	-3.0	0.0	0.0	4.8	0.0	0.0	-192.1
69	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	86.6	702.2	-3.0	0.0	0.0	4.8	0.0	0.0	-705.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
73	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.1	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.7
73	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.1	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.1
73	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.1	5.9	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
73	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.1	11.0	-3.0	0.0	0.0	4.8	0.0	0.0	0.5
73	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.1	20.8	-3.0	0.0	0.0	4.8	0.0	0.0	-7.8
73	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.1	55.0	-3.0	0.0	0.0	4.8	0.0	0.0	-42.4
73	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.1	186.3	-3.0	0.0	0.0	4.8	0.0	0.0	-177.7
73	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.1	664.6	-3.0	0.0	0.0	4.9	0.0	0.0	-666.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
76	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	86.6	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-1.2
76	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	86.6	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
76	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	86.6	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
76	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	86.6	11.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.6
76	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	86.6	22.0	-3.0	0.0	0.0	4.8	0.0	0.0	-9.4
76	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	86.6	58.0	-3.0	0.0	0.0	4.8	0.0	0.0	-46.0
76	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	86.6	196.7	-3.0	0.0	0.0	4.8	0.0	0.0	-188.5
76	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	86.6	701.7	-3.0	0.0	0.0	4.9	0.0	0.0	-704.4

Immissionspunkt
 Bez.: IP14 - B517 7, 57399 Kirchhundem
 ID: !02!
 X: 433178.08 m
 Y: 5657898.74 m
 Z: 354.69 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
71	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	4.5	0.0	0.0	14.3
71	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	4.3	0.0	0.0	21.1
71	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	72.6	1.3	-3.0	0.0	0.0	3.8	0.0	0.0	23.6
71	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	72.6	2.3	-3.0	0.0	0.0	2.4	0.0	0.0	25.7
71	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	72.6	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	29.9
71	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	72.6	11.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.8
71	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	72.6	39.3	-3.0	0.0	0.0	0.0	0.0	0.0	-13.5
71	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	72.6	140.2	-3.0	0.0	0.0	0.0	0.0	0.0	-124.7

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
72	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.5
72	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	19.0
72	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	20.8
72	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	4.9	0.0	0.0	21.2
72	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	5.0	0.0	0.0	22.5
72	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.1	13.8	-3.0	0.0	0.0	5.2	0.0	0.0	11.8
72	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.1	46.9	-3.0	0.0	0.0	5.6	0.0	0.0	-28.3
72	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.1	167.4	-3.0	0.0	0.0	6.3	0.0	0.0	-159.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
74	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.8
74	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.8
74	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.6	3.2	-3.0	0.0	0.0	4.9	0.0	0.0	12.6
74	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	4.9	0.0	0.0	11.6
74	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.6	11.1	-3.0	0.0	0.0	5.1	0.0	0.0	10.1
74	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.6	29.2	-3.0	0.0	0.0	5.4	0.0	0.0	-10.3
74	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.6	99.2	-3.0	0.0	0.0	5.9	0.0	0.0	-87.3
74	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.6	353.7	-3.0	0.0	0.0	6.9	0.0	0.0	-353.0

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
78	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	85.8	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.6
78	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	85.8	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.1
78	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	85.8	5.7	-3.0	0.0	0.0	4.8	0.0	0.0	6.5
78	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	85.8	10.6	-3.0	0.0	0.0	4.8	0.0	0.0	4.2
78	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	85.8	20.1	-3.0	0.0	0.0	4.8	0.0	0.0	-4.6
78	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	85.8	53.2	-3.0	0.0	0.0	4.8	0.0	0.0	-40.2
78	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	85.8	180.5	-3.0	0.0	0.0	4.8	0.0	0.0	-174.9
78	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	85.8	643.6	-3.0	0.0	0.0	4.8	0.0	0.0	-646.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
83	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.3	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.2
83	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.3	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	3.1
83	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.3	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
83	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.3	10.0	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
83	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.3	19.0	-3.0	0.0	0.0	4.8	0.0	0.0	-5.2
83	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.3	50.2	-3.0	0.0	0.0	4.8	0.0	0.0	-36.9
83	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.3	170.3	-3.0	0.0	0.0	4.8	0.0	0.0	-160.8
83	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.3	607.3	-3.0	0.0	0.0	4.8	0.0	0.0	-608.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
86	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.8	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
86	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.8	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
86	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.8	5.8	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
86	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.8	10.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.0
86	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.8	20.2	-3.0	0.0	0.0	4.8	0.0	0.0	-6.9
86	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.8	53.3	-3.0	0.0	0.0	4.8	0.0	0.0	-40.6
86	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.8	180.9	-3.0	0.0	0.0	4.8	0.0	0.0	-171.9
86	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.8	645.2	-3.0	0.0	0.0	4.8	0.0	0.0	-647.1

Immissionspunkt
 Bez.: IP15 - K19 8, 57399 Kirchhundem
 ID: !02!
 X: 432992.59 m
 Y: 5657772.58 m
 Z: 356.72 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
80	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	72.6	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	14.1
80	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	72.6	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	20.6
80	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	72.6	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	22.6
80	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	72.6	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	23.3
80	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	72.6	4.4	-3.0	0.0	0.0	4.8	0.0	0.0	25.1
80	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	72.6	11.6	-3.0	0.0	0.0	4.8	0.0	0.0	16.0
80	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	72.6	39.4	-3.0	0.0	0.0	4.8	0.0	0.0	-18.4
80	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	72.6	140.5	-3.0	0.0	0.0	4.8	0.0	0.0	-129.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
82	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	13.0
82	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	19.5
82	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	21.3
82	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	21.8
82	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	4.9	0.0	0.0	23.3
82	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.7	13.2	-3.0	0.0	0.0	5.0	0.0	0.0	13.1
82	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.7	44.7	-3.0	0.0	0.0	5.2	0.0	0.0	-25.2
82	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.7	159.5	-3.0	0.0	0.0	5.6	0.0	0.0	-150.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
85	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.2	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	6.3
85	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.2	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.3
85	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.2	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	13.2
85	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.2	5.6	-3.0	0.0	0.0	4.9	0.0	0.0	12.4
85	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.2	10.5	-3.0	0.0	0.0	5.0	0.0	0.0	11.1
85	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.2	27.8	-3.0	0.0	0.0	5.3	0.0	0.0	-8.3
85	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.2	94.4	-3.0	0.0	0.0	5.8	0.0	0.0	-81.9
85	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.2	336.6	-3.0	0.0	0.0	6.6	0.0	0.0	-335.3

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
88	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	85.5	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	2.0
88	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	85.5	2.2	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
88	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	85.5	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
88	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	85.5	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
88	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	85.5	19.3	-3.0	0.0	0.0	4.8	0.0	0.0	-3.5
88	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	85.5	51.1	-3.0	0.0	0.0	4.8	0.0	0.0	-37.7
88	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	85.5	173.3	-3.0	0.0	0.0	4.8	0.0	0.0	-167.5
88	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	85.5	618.2	-3.0	0.0	0.0	4.8	0.0	0.0	-620.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
90	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	84.9	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.6
90	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	84.9	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
90	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	84.9	5.2	-3.0	0.0	0.0	4.8	0.0	0.0	5.6
90	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	84.9	9.6	-3.0	0.0	0.0	4.8	0.0	0.0	3.0
90	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	84.9	18.2	-3.0	0.0	0.0	4.8	0.0	0.0	-4.0
90	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	84.9	48.2	-3.0	0.0	0.0	4.8	0.0	0.0	-34.5
90	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	84.9	163.3	-3.0	0.0	0.0	4.8	0.0	0.0	-153.4
90	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	84.9	582.4	-3.0	0.0	0.0	4.8	0.0	0.0	-583.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
92	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.5	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.0
92	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.5	2.2	-3.0	0.0	0.0	4.8	0.0	0.0	2.8
92	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.5	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	4.7
92	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.5	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	1.8
92	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.5	19.4	-3.0	0.0	0.0	4.8	0.0	0.0	-5.8
92	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.5	51.3	-3.0	0.0	0.0	4.8	0.0	0.0	-38.2
92	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.5	174.0	-3.0	0.0	0.0	4.8	0.0	0.0	-164.7
92	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.5	620.6	-3.0	0.0	0.0	4.8	0.0	0.0	-622.1

Immissionspunkt
 Bez.: IP16 - Bahnweg 3, 57399 Kirchhundem
 ID: !02!
 X: 432768.73 m
 Y: 5657441.75 m
 Z: 373.35 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
94	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.4
94	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.9
94	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.7
94	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.2
94	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.6
94	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.1	13.7	-3.0	0.0	0.0	0.0	0.0	0.0	17.2
94	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.1	46.6	-3.0	0.0	0.0	0.0	0.0	0.0	-22.2
94	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.1	166.2	-3.0	0.0	0.0	0.0	0.0	0.0	-152.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
96	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1
96	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
96	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.3
96	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.8
96	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.3	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	27.2
96	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.3	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.5
96	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.3	48.1	-3.0	0.0	0.0	0.0	0.0	0.0	-24.0
96	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.3	171.6	-3.0	0.0	0.0	0.0	0.0	0.0	-157.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
99	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
99	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.7
99	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.6
99	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	13.0
99	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.0
99	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	4.8	0.0	0.0	-6.6
99	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.9	91.3	-3.0	0.0	0.0	4.8	0.0	0.0	-77.5
99	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.9	325.5	-3.0	0.0	0.0	4.8	0.0	0.0	-322.0

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
105	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	84.9	0.6	-3.0	0.0	0.0	5.9	0.0	0.0	1.5
105	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	84.9	2.0	-3.0	0.0	0.0	6.8	0.0	0.0	5.3
105	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	84.9	5.2	-3.0	0.0	0.0	8.1	0.0	0.0	4.6
105	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	84.9	9.6	-3.0	0.0	0.0	10.0	0.0	0.0	0.9
105	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	84.9	18.2	-3.0	0.0	0.0	12.3	0.0	0.0	-9.3
105	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	84.9	48.0	-3.0	0.0	0.0	14.9	0.0	0.0	-44.2
105	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	84.9	162.8	-3.0	0.0	0.0	17.7	0.0	0.0	-169.3
105	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	84.9	580.7	-3.0	0.0	0.0	20.6	0.0	0.0	-598.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
109	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	84.4	0.6	-3.0	0.0	0.0	5.1	0.0	0.0	0.8
109	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	84.4	1.9	-3.0	0.0	0.0	5.4	0.0	0.0	3.6
109	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	84.4	4.9	-3.0	0.0	0.0	5.9	0.0	0.0	5.3
109	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	84.4	9.0	-3.0	0.0	0.0	6.8	0.0	0.0	2.0
109	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	84.4	17.1	-3.0	0.0	0.0	8.2	0.0	0.0	-5.8
109	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	84.4	45.3	-3.0	0.0	0.0	10.1	0.0	0.0	-36.4
109	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	84.4	153.5	-3.0	0.0	0.0	12.4	0.0	0.0	-150.7
109	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	84.4	547.3	-3.0	0.0	0.0	15.0	0.0	0.0	-558.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
113	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	85.0	0.6	-3.0	0.0	0.0	4.9	0.0	0.0	0.4
113	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	85.0	2.1	-3.0	0.0	0.0	5.0	0.0	0.0	3.2
113	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	85.0	5.2	-3.0	0.0	0.0	5.3	0.0	0.0	5.0
113	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	85.0	9.7	-3.0	0.0	0.0	5.7	0.0	0.0	1.9
113	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	85.0	18.4	-3.0	0.0	0.0	6.5	0.0	0.0	-6.0
113	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	85.0	48.5	-3.0	0.0	0.0	7.8	0.0	0.0	-37.9
113	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	85.0	164.5	-3.0	0.0	0.0	9.5	0.0	0.0	-159.5
113	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	85.0	586.8	-3.0	0.0	0.0	11.8	0.0	0.0	-594.8

Immissionspunkt
 Bez.: IP17 - Bahnweg 2, 57399 Kirchhundem
 ID: !02!
 X: 432571.32 m
 Y: 5657493.24 m
 Z: 366.86 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
89	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.9
89	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.4
89	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.3
89	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.5	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.9
89	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.5	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.5
89	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.5	12.9	-3.0	0.0	0.0	0.0	0.0	0.0	18.6
89	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.5	43.7	-3.0	0.0	0.0	0.0	0.0	0.0	-18.8
89	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.5	155.9	-3.0	0.0	0.0	0.0	0.0	0.0	-141.4

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
91	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.9
91	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.6	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.4
91	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.6	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	26.2
91	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.6	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.8
91	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.6	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.4
91	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.6	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.4
91	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.6	44.1	-3.0	0.0	0.0	0.0	0.0	0.0	-19.3
91	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.6	157.2	-3.0	0.0	0.0	0.0	0.0	0.0	-142.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
93	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.3	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.3
93	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.3	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	13.4
93	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.3	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	14.5
93	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.3	5.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.0
93	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.3	9.5	-3.0	0.0	0.0	4.8	0.0	0.0	13.4
93	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.3	25.0	-3.0	0.0	0.0	4.8	0.0	0.0	-4.1
93	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.3	84.8	-3.0	0.0	0.0	4.8	0.0	0.0	-70.5
93	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.3	302.3	-3.0	0.0	0.0	4.9	0.0	0.0	-298.4

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
97	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	84.6	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
97	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	84.6	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.6
97	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	84.6	5.0	-3.0	0.0	0.0	4.8	0.0	0.0	8.4
97	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	84.6	9.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
97	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	84.6	17.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.8
97	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	84.6	46.4	-3.0	0.0	0.0	4.8	0.0	0.0	-32.2
97	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	84.6	157.2	-3.0	0.0	0.0	4.8	0.0	0.0	-150.5
97	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	84.6	560.8	-3.0	0.0	0.0	4.8	0.0	0.0	-562.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
102	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	84.1	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
102	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	84.1	1.9	-3.0	0.0	0.0	4.8	0.0	0.0	4.6
102	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	84.1	4.7	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
102	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	84.1	8.7	-3.0	0.0	0.0	4.8	0.0	0.0	4.8
102	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	84.1	16.5	-3.0	0.0	0.0	4.8	0.0	0.0	-1.4
102	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	84.1	43.5	-3.0	0.0	0.0	4.8	0.0	0.0	-29.0
102	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	84.1	147.6	-3.0	0.0	0.0	4.8	0.0	0.0	-136.8
102	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	84.1	526.4	-3.0	0.0	0.0	4.8	0.0	0.0	-526.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
108	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.8
108	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.8
108	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	84.7	5.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
108	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	84.7	9.3	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
108	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	84.7	17.7	-3.0	0.0	0.0	4.8	0.0	0.0	-3.3
108	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	84.7	46.8	-3.0	0.0	0.0	4.8	0.0	0.0	-32.8
108	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	84.7	158.5	-3.0	0.0	0.0	4.8	0.0	0.0	-148.4
108	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	84.7	565.4	-3.0	0.0	0.0	4.8	0.0	0.0	-566.1

Immissionspunkt
 Bez.: IP18 - Gebäude Fl. Stk. 104, 57399 Kirchhundem
 ID: !02!
 X: 431647.46 m
 Y: 5657478.96 m
 Z: 410.36 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
95	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	73.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.4
95	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	73.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.9
95	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	73.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.8
95	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	73.1	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	27.5
95	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	73.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	29.2
95	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	73.1	12.3	-3.0	0.0	0.0	0.0	0.0	0.0	19.6
95	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	73.1	41.7	-3.0	0.0	0.0	0.0	0.0	0.0	-16.4
95	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	73.1	148.6	-3.0	0.0	0.0	0.0	0.0	0.0	-133.6

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
98	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.9	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.7
98	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.9	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	18.2
98	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.9	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	19.9
98	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.9	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	20.3
98	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.9	5.7	-3.0	0.0	0.0	4.8	0.0	0.0	21.5
98	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.9	15.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.1
98	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.9	51.5	-3.0	0.0	0.0	4.8	0.0	0.0	-32.8
98	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.9	183.7	-3.0	0.0	0.0	4.8	0.0	0.0	-175.3

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
100	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
100	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	16.8
100	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	4.8	0.0	0.0	18.4
100	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.1	3.5	-3.0	0.0	0.0	4.8	0.0	0.0	18.6
100	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.1	6.6	-3.0	0.0	0.0	4.8	0.0	0.0	19.4
100	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.1	17.5	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
100	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.1	59.2	-3.0	0.0	0.0	4.8	0.0	0.0	-41.7
100	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.1	211.3	-3.0	0.0	0.0	4.8	0.0	0.0	-204.1

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
104	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	4.8
104	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.9	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	9.7
104	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.9	4.1	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
104	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.9	7.6	-3.0	0.0	0.0	4.8	0.0	0.0	10.2
104	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.9	14.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
104	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.9	38.0	-3.0	0.0	0.0	4.8	0.0	0.0	-22.0
104	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.9	128.8	-3.0	0.0	0.0	4.8	0.0	0.0	-120.3
104	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.9	459.3	-3.0	0.0	0.0	4.8	0.0	0.0	-459.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
107	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
107	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	6.9
107	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.1	3.8	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
107	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.1	7.0	-3.0	0.0	0.0	4.8	0.0	0.0	8.4
107	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.1	13.2	-3.0	0.0	0.0	4.8	0.0	0.0	3.8
107	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.1	34.9	-3.0	0.0	0.0	4.8	0.0	0.0	-18.4
107	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.1	118.3	-3.0	0.0	0.0	4.8	0.0	0.0	-105.6
107	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.1	421.9	-3.0	0.0	0.0	4.8	0.0	0.0	-420.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
110	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.8
110	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.9	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
110	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.9	4.1	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
110	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.9	7.6	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
110	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.9	14.4	-3.0	0.0	0.0	4.8	0.0	0.0	1.8
110	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.9	38.0	-3.0	0.0	0.0	4.8	0.0	0.0	-22.3
110	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.9	128.9	-3.0	0.0	0.0	4.8	0.0	0.0	-117.0
110	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.9	459.7	-3.0	0.0	0.0	4.8	0.0	0.0	-458.6

Immissionspunkt
 Bez.: IP19 - Im Inken 4c, 57399 Kirchhundem
 ID: !02!
 X: 431617.34 m
 Y: 5657323.07 m
 Z: 396.08 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
101	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.3
101	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.8
101	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.6
101	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.1	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.2
101	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	27.6
101	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.1	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	17.1
101	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.1	46.8	-3.0	0.0	0.0	0.0	0.0	0.0	-22.5
101	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.1	166.9	-3.0	0.0	0.0	0.0	0.0	0.0	-152.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
103	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.7	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.9
103	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.7	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	17.3
103	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.7	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	18.9
103	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.7	3.3	-3.0	0.0	0.0	4.8	0.0	0.0	19.2
103	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.7	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	20.1
103	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.7	16.6	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
103	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.7	56.4	-3.0	0.0	0.0	4.8	0.0	0.0	-38.5
103	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.7	201.1	-3.0	0.0	0.0	4.8	0.0	0.0	-193.5

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
106	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.1
106	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.4
106	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	17.9
106	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	18.1
106	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	4.8	0.0	0.0	18.7
106	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.5	18.2	-3.0	0.0	0.0	4.8	0.0	0.0	5.5
106	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.5	61.9	-3.0	0.0	0.0	4.8	0.0	0.0	-44.7
106	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.5	220.6	-3.0	0.0	0.0	4.8	0.0	0.0	-213.8

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
111	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.7	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
111	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.7	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	10.0
111	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.7	4.0	-3.0	0.0	0.0	4.8	0.0	0.0	11.3
111	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.7	7.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
111	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.7	14.1	-3.0	0.0	0.0	4.8	0.0	0.0	4.6
111	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.7	37.2	-3.0	0.0	0.0	4.8	0.0	0.0	-21.0
111	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.7	126.0	-3.0	0.0	0.0	4.8	0.0	0.0	-117.3
111	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.7	449.3	-3.0	0.0	0.0	4.8	0.0	0.0	-448.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
112	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.0	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
112	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.0	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
112	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.0	3.7	-3.0	0.0	0.0	4.8	0.0	0.0	10.1
112	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.0	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
112	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.0	12.9	-3.0	0.0	0.0	4.8	0.0	0.0	4.2
112	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.0	34.2	-3.0	0.0	0.0	4.8	0.0	0.0	-17.5
112	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.0	115.9	-3.0	0.0	0.0	4.8	0.0	0.0	-103.1
112	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.0	413.6	-3.0	0.0	0.0	4.8	0.0	0.0	-411.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
115	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.8	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
115	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.8	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	6.2
115	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.8	4.0	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
115	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.8	7.5	-3.0	0.0	0.0	4.8	0.0	0.0	7.3
115	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.8	14.2	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
115	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.8	37.4	-3.0	0.0	0.0	4.8	0.0	0.0	-21.5
115	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.8	126.8	-3.0	0.0	0.0	4.8	0.0	0.0	-114.7
115	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.8	452.3	-3.0	0.0	0.0	4.8	0.0	0.0	-451.0

Immissionspunkt
 Bez.: IP20 - Im Inken 4b, 57399 Kirchhundem
 ID: !02!
 X: 431507.18 m
 Y: 5657256.77 m
 Z: 395.89 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
116	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.8
116	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.2
116	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	25.0
116	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	25.4
116	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	26.7
116	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.7	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
116	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.7	49.9	-3.0	0.0	0.0	0.0	0.0	0.0	-26.2
116	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.7	178.1	-3.0	0.0	0.0	0.0	0.0	0.0	-164.6

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
120	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.1
120	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.5
120	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.3	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	23.0
120	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.3	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.2
120	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.3	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.9
120	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.3	17.7	-3.0	0.0	0.0	0.0	0.0	0.0	11.0
120	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.3	60.0	-3.0	0.0	0.0	0.0	0.0	0.0	-37.9
120	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.3	214.1	-3.0	0.0	0.0	0.0	0.0	0.0	-202.3

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
123	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.2
123	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.6
123	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.4	1.9	-3.0	0.0	0.0	4.8	0.0	0.0	18.1
123	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	18.3
123	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	19.0
123	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.4	17.9	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
123	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.4	60.8	-3.0	0.0	0.0	4.8	0.0	0.0	-43.6
123	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.4	217.0	-3.0	0.0	0.0	4.8	0.0	0.0	-210.1

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
128	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.3
128	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.4	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	10.3
128	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.4	3.9	-3.0	0.0	0.0	4.8	0.0	0.0	11.7
128	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.4	7.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.1
128	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.4	13.6	-3.0	0.0	0.0	4.8	0.0	0.0	5.3
128	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.4	35.9	-3.0	0.0	0.0	4.8	0.0	0.0	-19.5
128	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.4	121.8	-3.0	0.0	0.0	4.8	0.0	0.0	-112.9
128	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.4	434.6	-3.0	0.0	0.0	4.8	0.0	0.0	-433.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
131	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.7	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.0
131	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.7	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	7.5
131	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.7	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
131	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.7	6.6	-3.0	0.0	0.0	4.8	0.0	0.0	9.3
131	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.7	12.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
131	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.7	33.0	-3.0	0.0	0.0	4.8	0.0	0.0	-16.0
131	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.7	111.9	-3.0	0.0	0.0	4.8	0.0	0.0	-98.8
131	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.7	399.2	-3.0	0.0	0.0	4.8	0.0	0.0	-396.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
133	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.5	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.2
133	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.5	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	6.5
133	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.5	3.9	-3.0	0.0	0.0	4.8	0.0	0.0	9.3
133	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.5	7.2	-3.0	0.0	0.0	4.8	0.0	0.0	7.8
133	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.5	13.7	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
133	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.5	36.2	-3.0	0.0	0.0	4.8	0.0	0.0	-20.1
133	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.5	122.8	-3.0	0.0	0.0	4.8	0.0	0.0	-110.5
133	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.5	438.1	-3.0	0.0	0.0	4.8	0.0	0.0	-436.6

Immissionspunkt
 Bez.: IP21 - Im Inken 16, 57399 Kirchhundem
 ID: !02!
 X: 431367.26 m
 Y: 5657226.76 m
 Z: 391.71 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
114	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	11.6
114	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	4.7	0.0	0.0	18.0
114	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	4.7	0.0	0.0	19.8
114	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	4.6	0.0	0.0	20.2
114	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.1	5.9	-3.0	0.0	0.0	4.4	0.0	0.0	21.6
114	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.1	15.5	-3.0	0.0	0.0	3.9	0.0	0.0	10.5
114	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.1	52.5	-3.0	0.0	0.0	2.8	0.0	0.0	-32.0
114	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.1	187.4	-3.0	0.0	0.0	0.0	0.0	0.0	-174.4

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
117	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.6
117	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	16.9
117	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	4.8	0.0	0.0	18.5
117	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.1	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	18.7
117	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.1	6.5	-3.0	0.0	0.0	4.8	0.0	0.0	19.5
117	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.1	17.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.9
117	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.1	58.6	-3.0	0.0	0.0	4.8	0.0	0.0	-41.0
117	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.1	209.1	-3.0	0.0	0.0	4.8	0.0	0.0	-201.8

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
119	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.9
119	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.2
119	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	17.7
119	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	4.7	0.0	0.0	17.8
119	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.7	7.1	-3.0	0.0	0.0	4.7	0.0	0.0	18.4
119	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.7	18.7	-3.0	0.0	0.0	4.6	0.0	0.0	5.0
119	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.7	63.4	-3.0	0.0	0.0	4.5	0.0	0.0	-46.2
119	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.7	226.0	-3.0	0.0	0.0	4.1	0.0	0.0	-218.8

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
124	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	8.8	0.0	0.0	1.5
124	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	10.9	0.0	0.0	4.6
124	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.1	3.7	-3.0	0.0	0.0	13.3	0.0	0.0	3.7
124	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.1	6.9	-3.0	0.0	0.0	16.0	0.0	0.0	0.4
124	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.1	13.1	-3.0	0.0	0.0	18.9	0.0	0.0	-7.9
124	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.1	34.6	-3.0	0.0	0.0	21.8	0.0	0.0	-34.8
124	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.1	117.2	-3.0	0.0	0.0	24.8	0.0	0.0	-128.0
124	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.1	418.1	-3.0	0.0	0.0	25.0	0.0	0.0	-437.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
127	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.4
127	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
127	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
127	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	9.9
127	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
127	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.3	31.6	-3.0	0.0	0.0	4.8	0.0	0.0	-14.3
127	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.3	107.3	-3.0	0.0	0.0	4.8	0.0	0.0	-93.7
127	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.3	382.6	-3.0	0.0	0.0	4.8	0.0	0.0	-379.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
130	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	3.5
130	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	6.9
130	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.1	3.8	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
130	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.1	7.0	-3.0	0.0	0.0	4.8	0.0	0.0	8.4
130	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.1	13.2	-3.0	0.0	0.0	4.8	0.0	0.0	3.8
130	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.1	34.8	-3.0	0.0	0.0	4.8	0.0	0.0	-18.4
130	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.1	118.2	-3.0	0.0	0.0	4.8	0.0	0.0	-105.5
130	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.1	421.5	-3.0	0.0	0.0	4.8	0.0	0.0	-419.6

Immissionspunkt
 Bez.: IP22 - Im Inken 18, 57399 Kirchhundem
 ID: !02!
 X: 431297.38 m
 Y: 5657216.16 m
 Z: 388.01 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
118	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.3	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.3
118	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.3	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	17.7
118	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.3	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	19.4
118	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.3	3.2	-3.0	0.0	0.0	4.8	0.0	0.0	19.7
118	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.3	6.0	-3.0	0.0	0.0	4.8	0.0	0.0	20.8
118	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.3	15.9	-3.0	0.0	0.0	4.8	0.0	0.0	9.0
118	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.3	53.8	-3.0	0.0	0.0	4.8	0.0	0.0	-35.5
118	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.3	192.0	-3.0	0.0	0.0	4.8	0.0	0.0	-184.0

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
121	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.7
121	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	17.1
121	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	18.7
121	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	19.0
121	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	19.8
121	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.4
121	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.9	57.5	-3.0	0.0	0.0	4.8	0.0	0.0	-39.8
121	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.9	205.2	-3.0	0.0	0.0	4.8	0.0	0.0	-197.7

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
125	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.9	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.6
125	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.9	0.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.0
125	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.9	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	17.4
125	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.9	3.8	-3.0	0.0	0.0	4.8	0.0	0.0	17.5
125	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.9	7.3	-3.0	0.0	0.0	4.8	0.0	0.0	17.9
125	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.9	19.2	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
125	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.9	65.0	-3.0	0.0	0.0	4.8	0.0	0.0	-48.3
125	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.9	231.8	-3.0	0.0	0.0	4.8	0.0	0.0	-225.4

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
129	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	81.9	0.4	-3.0	0.0	0.0	9.3	0.0	0.0	1.2
129	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	81.9	1.4	-3.0	0.0	0.0	11.5	0.0	0.0	4.1
129	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	81.9	3.7	-3.0	0.0	0.0	14.0	0.0	0.0	3.2
129	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	81.9	6.8	-3.0	0.0	0.0	16.8	0.0	0.0	-0.0
129	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	81.9	12.8	-3.0	0.0	0.0	19.6	0.0	0.0	-8.3
129	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	81.9	33.9	-3.0	0.0	0.0	22.6	0.0	0.0	-34.8
129	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	81.9	115.0	-3.0	0.0	0.0	25.0	0.0	0.0	-125.8
129	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	81.9	410.1	-3.0	0.0	0.0	25.0	0.0	0.0	-429.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
132	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.1	0.4	-3.0	0.0	0.0	9.4	0.0	0.0	0.0
132	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.1	1.3	-3.0	0.0	0.0	11.5	0.0	0.0	1.3
132	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.1	3.3	-3.0	0.0	0.0	14.1	0.0	0.0	2.0
132	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.1	6.2	-3.0	0.0	0.0	16.8	0.0	0.0	-1.8
132	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.1	11.7	-3.0	0.0	0.0	19.7	0.0	0.0	-8.6
132	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.1	31.0	-3.0	0.0	0.0	22.6	0.0	0.0	-31.3
132	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.1	105.0	-3.0	0.0	0.0	25.0	0.0	0.0	-111.5
132	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.1	374.4	-3.0	0.0	0.0	25.0	0.0	0.0	-391.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
134	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.0	0.4	-3.0	0.0	0.0	10.7	0.0	0.0	-2.2
134	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.0	1.5	-3.0	0.0	0.0	13.1	0.0	0.0	-1.2
134	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.0	3.7	-3.0	0.0	0.0	15.8	0.0	0.0	-0.9
134	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.0	6.8	-3.0	0.0	0.0	18.6	0.0	0.0	-5.1
134	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.0	12.9	-3.0	0.0	0.0	21.5	0.0	0.0	-12.5
134	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.0	34.2	-3.0	0.0	0.0	24.5	0.0	0.0	-37.3
134	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.0	115.9	-3.0	0.0	0.0	25.0	0.0	0.0	-123.2
134	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.0	413.3	-3.0	0.0	0.0	25.0	0.0	0.0	-431.5

Immissionspunkt
 Bez.: IP23 - Am Schothen 2, 57399 Kirchhundem
 ID: !02!
 X: 431139.93 m
 Y: 5657178.08 m
 Z: 403.85 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
122	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.8
122	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
122	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.6	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.8
122	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.6	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.1
122	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.6	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.1
122	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.6	16.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
122	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.6	55.5	-3.0	0.0	0.0	0.0	0.0	0.0	-32.7
122	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.6	198.1	-3.0	0.0	0.0	0.0	0.0	0.0	-185.6

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
126	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
126	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.9
126	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.5
126	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.8
126	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.7
126	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.8	16.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.3
126	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.8	57.2	-3.0	0.0	0.0	0.0	0.0	0.0	-34.7
126	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.8	204.2	-3.0	0.0	0.0	0.0	0.0	0.0	-191.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
137	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	3.6	0.0	0.0	10.2
137	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	2.1	0.0	0.0	18.1
137	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.5
137	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.5
137	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
137	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.2
137	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.5	69.0	-3.0	0.0	0.0	0.0	0.0	0.0	-48.1
137	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.5	246.1	-3.0	0.0	0.0	0.0	0.0	0.0	-235.5

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
139	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	81.5	0.4	-3.0	0.0	0.0	5.0	0.0	0.0	6.0
139	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	81.5	1.4	-3.0	0.0	0.0	5.1	0.0	0.0	11.0
139	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	81.5	3.5	-3.0	0.0	0.0	5.4	0.0	0.0	12.4
139	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	81.5	6.5	-3.0	0.0	0.0	6.0	0.0	0.0	11.4
139	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	81.5	12.2	-3.0	0.0	0.0	7.0	0.0	0.0	5.4
139	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	81.5	32.4	-3.0	0.0	0.0	8.5	0.0	0.0	-18.7
139	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	81.5	109.7	-3.0	0.0	0.0	10.4	0.0	0.0	-105.5
139	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	81.5	391.3	-3.0	0.0	0.0	12.8	0.0	0.0	-397.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
142	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	5.0	0.0	0.0	4.8
142	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.7	1.2	-3.0	0.0	0.0	5.3	0.0	0.0	8.1
142	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	5.7	0.0	0.0	11.0
142	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	6.5	0.0	0.0	9.3
142	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.7	11.1	-3.0	0.0	0.0	7.7	0.0	0.0	4.4
142	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.7	29.4	-3.0	0.0	0.0	9.4	0.0	0.0	-16.1
142	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.7	99.6	-3.0	0.0	0.0	11.6	0.0	0.0	-92.3
142	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.7	355.4	-3.0	0.0	0.0	14.2	0.0	0.0	-361.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
146	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.6	0.4	-3.0	0.0	0.0	5.2	0.0	0.0	3.8
146	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.6	1.4	-3.0	0.0	0.0	5.5	0.0	0.0	6.8
146	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.6	3.5	-3.0	0.0	0.0	6.1	0.0	0.0	9.3
146	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.6	6.5	-3.0	0.0	0.0	7.2	0.0	0.0	7.1
146	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.6	12.3	-3.0	0.0	0.0	8.7	0.0	0.0	1.3
146	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.6	32.6	-3.0	0.0	0.0	10.8	0.0	0.0	-21.5
146	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.6	110.5	-3.0	0.0	0.0	13.2	0.0	0.0	-105.7
146	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.6	394.3	-3.0	0.0	0.0	15.9	0.0	0.0	-402.9

Immissionspunkt
 Bez.: IP24 - Am Schothen 16, 57399 Kirchhundem
 ID: !02!
 X: 431089.33 m
 Y: 5657156.43 m
 Z: 413.53 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
135	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.9
135	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.5	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.3
135	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.9
135	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.5	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.2
135	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.5	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	25.2
135	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.5	16.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.2
135	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.5	55.2	-3.0	0.0	0.0	0.0	0.0	0.0	-32.4
135	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.5	197.0	-3.0	0.0	0.0	0.0	0.0	0.0	-184.5

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
136	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.3
136	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
136	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	23.3
136	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.1	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.5
136	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.1	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.3
136	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.1	17.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.7
136	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.1	58.6	-3.0	0.0	0.0	0.0	0.0	0.0	-36.3
136	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.1	209.1	-3.0	0.0	0.0	0.0	0.0	0.0	-197.1

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
138	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.7
138	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
138	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.7	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.3
138	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.2
138	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	21.4
138	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.7	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	6.5
138	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.7	70.5	-3.0	0.0	0.0	0.0	0.0	0.0	-49.8
138	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.7	251.6	-3.0	0.0	0.0	0.0	0.0	0.0	-241.2

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
144	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	5.4	0.0	0.0	5.7
144	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	81.3	1.4	-3.0	0.0	0.0	6.0	0.0	0.0	10.3
144	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	6.9	0.0	0.0	11.1
144	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	8.3	0.0	0.0	9.4
144	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	10.3	0.0	0.0	2.4
144	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	81.3	31.8	-3.0	0.0	0.0	12.6	0.0	0.0	-22.2
144	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	81.3	107.9	-3.0	0.0	0.0	15.3	0.0	0.0	-108.4
144	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	81.3	384.8	-3.0	0.0	0.0	18.1	0.0	0.0	-396.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
148	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.5	0.4	-3.0	0.0	0.0	5.5	0.0	0.0	4.6
148	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.5	1.2	-3.0	0.0	0.0	6.0	0.0	0.0	7.5
148	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.5	3.1	-3.0	0.0	0.0	7.0	0.0	0.0	9.9
148	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.5	5.8	-3.0	0.0	0.0	8.5	0.0	0.0	7.6
148	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.5	10.9	-3.0	0.0	0.0	10.5	0.0	0.0	2.0
148	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.5	28.9	-3.0	0.0	0.0	12.8	0.0	0.0	-18.8
148	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.5	97.8	-3.0	0.0	0.0	15.5	0.0	0.0	-94.2
148	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.5	349.0	-3.0	0.0	0.0	18.3	0.0	0.0	-359.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
151	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	5.8	0.0	0.0	3.3
151	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	6.7	0.0	0.0	5.9
151	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	8.0	0.0	0.0	7.6
151	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	9.8	0.0	0.0	4.7
151	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	12.1	0.0	0.0	-1.7
151	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.4	32.1	-3.0	0.0	0.0	14.6	0.0	0.0	-24.7
151	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.4	108.8	-3.0	0.0	0.0	17.4	0.0	0.0	-108.0
151	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.4	387.9	-3.0	0.0	0.0	20.3	0.0	0.0	-400.8

Immissionspunkt
 Bez.: IP25 - Am Schothen 10, 57399 Kirchhundem
 ID: !02!
 X: 431071.70 m
 Y: 5657080.98 m
 Z: 414.97 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
141	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	4.6	0.0	0.0	11.0
141	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	4.4	0.0	0.0	17.5
141	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	4.1	0.0	0.0	19.5
141	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	3.2	0.0	0.0	20.6
141	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	0.8	0.0	0.0	23.9
141	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.8	16.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.4
141	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.8	57.1	-3.0	0.0	0.0	0.0	0.0	0.0	-34.5
141	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.8	203.6	-3.0	0.0	0.0	0.0	0.0	0.0	-191.3

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
143	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	3.4	0.0	0.0	11.5
143	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	1.6	0.0	0.0	19.8
143	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.4	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.9
143	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.0
143	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.7
143	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.4	18.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.6
143	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.4	61.0	-3.0	0.0	0.0	0.0	0.0	0.0	-39.0
143	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.4	217.6	-3.0	0.0	0.0	0.0	0.0	0.0	205.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
147	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.9	0.3	-3.0	0.0	0.0	3.8	0.0	0.0	9.6
147	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.9	0.9	-3.0	0.0	0.0	2.6	0.0	0.0	17.0
147	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.9	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	21.0
147	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.9	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.8
147	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.9	8.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8
147	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.9	21.5	-3.0	0.0	0.0	0.0	0.0	0.0	5.6
147	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.9	72.8	-3.0	0.0	0.0	0.0	0.0	0.0	-52.3
147	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.9	259.6	-3.0	0.0	0.0	0.0	0.0	0.0	-249.4

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
150	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	6.5
150	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	11.7
150	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	13.4
150	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	81.2	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	13.1
150	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	81.2	11.9	-3.0	0.0	0.0	4.8	0.0	0.0	8.2
150	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	81.2	31.4	-3.0	0.0	0.0	4.8	0.0	0.0	-13.8
150	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	81.2	106.4	-3.0	0.0	0.0	4.8	0.0	0.0	-96.4
150	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	81.2	379.7	-3.0	0.0	0.0	4.8	0.0	0.0	-377.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
152	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.4
152	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
152	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.3
152	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	4.8	0.0	0.0	11.4
152	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
152	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.4	28.5	-3.0	0.0	0.0	4.8	0.0	0.0	-10.3
152	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.4	96.7	-3.0	0.0	0.0	4.8	0.0	0.0	-82.2
152	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.4	344.8	-3.0	0.0	0.0	4.8	0.0	0.0	-341.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
154	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.4
154	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.3	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	7.8
154	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
154	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	4.8	0.0	0.0	9.9
154	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	4.8	0.0	0.0	5.8
154	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.3	31.8	-3.0	0.0	0.0	4.8	0.0	0.0	-14.5
154	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.3	107.7	-3.0	0.0	0.0	4.8	0.0	0.0	-94.2
154	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.3	384.2	-3.0	0.0	0.0	4.8	0.0	0.0	-381.6

Immissionspunkt
 Bez.: IP26 - Zur Nothelle 20, 57399 Kirchhundem
 ID: !02!
 X: 431484.20 m
 Y: 5656900.62 m
 Z: 384.00 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
140	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	4.5	0.0	0.0	10.4
140	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	4.3	0.0	0.0	17.1
140	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	76.4	1.9	-3.0	0.0	0.0	3.7	0.0	0.0	19.2
140	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	2.2	0.0	0.0	20.8
140	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	23.7
140	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	76.4	18.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.6
140	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	76.4	61.1	-3.0	0.0	0.0	0.0	0.0	0.0	-39.1
140	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	76.4	217.8	-3.0	0.0	0.0	0.0	0.0	0.0	-206.1

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
145	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.8
145	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.1
145	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.5
145	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.4
145	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.5	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
145	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.5	20.4	-3.0	0.0	0.0	0.0	0.0	0.0	7.1
145	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.5	69.3	-3.0	0.0	0.0	0.0	0.0	0.0	-48.4
145	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.5	247.2	-3.0	0.0	0.0	0.0	0.0	0.0	-236.6

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
149	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	4.6	0.0	0.0	9.1
149	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	4.5	0.0	0.0	15.5
149	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	4.2	0.0	0.0	17.2
149	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	3.4	0.0	0.0	17.8
149	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.6	7.9	-3.0	0.0	0.0	1.5	0.0	0.0	19.9
149	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.6	20.8	-3.0	0.0	0.0	0.0	0.0	0.0	6.6
149	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.6	70.4	-3.0	0.0	0.0	0.0	0.0	0.0	-49.7
149	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.6	251.3	-3.0	0.0	0.0	0.0	0.0	0.0	-240.8

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
166	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	11.5	0.0	0.0	-1.2
166	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	14.0	0.0	0.0	1.4
166	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.1	3.7	-3.0	0.0	0.0	16.8	0.0	0.0	0.2
166	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.1	6.9	-3.0	0.0	0.0	19.6	0.0	0.0	-3.2
166	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.1	13.1	-3.0	0.0	0.0	22.6	0.0	0.0	-11.7
166	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.1	34.6	-3.0	0.0	0.0	25.0	0.0	0.0	-38.1
166	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.1	117.5	-3.0	0.0	0.0	25.0	0.0	0.0	-128.5
166	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.1	419.0	-3.0	0.0	0.0	25.0	0.0	0.0	-438.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
169	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	13.3	0.0	0.0	-4.2
169	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	15.9	0.0	0.0	-3.4
169	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	18.8	0.0	0.0	-3.2
169	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	21.7	0.0	0.0	-7.2
169	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.4	12.2	-3.0	0.0	0.0	24.7	0.0	0.0	-14.3
169	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.4	32.1	-3.0	0.0	0.0	25.0	0.0	0.0	-35.1
169	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.4	108.9	-3.0	0.0	0.0	25.0	0.0	0.0	-115.7
169	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.4	388.3	-3.0	0.0	0.0	25.0	0.0	0.0	-405.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
174	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.3	0.4	-3.0	0.0	0.0	14.1	0.0	0.0	-6.0
174	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.3	1.5	-3.0	0.0	0.0	16.8	0.0	0.0	-5.3
174	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.3	3.8	-3.0	0.0	0.0	19.7	0.0	0.0	-5.3
174	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.3	7.1	-3.0	0.0	0.0	22.6	0.0	0.0	-9.7
174	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.3	13.4	-3.0	0.0	0.0	25.0	0.0	0.0	-16.8
174	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.3	35.5	-3.0	0.0	0.0	25.0	0.0	0.0	-39.4
174	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.3	120.3	-3.0	0.0	0.0	25.0	0.0	0.0	-128.0
174	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.3	429.2	-3.0	0.0	0.0	25.0	0.0	0.0	-447.7

Immissionspunkt
 Bez.: IP27 - Zur Nothelle 34, 57399 Kirchhundem
 ID: !02!
 X: 431411.83 m
 Y: 5656711.42 m
 Z: 385.81 m

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
153	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	5.4	0.0	0.0	8.6
153	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.3	0.8	-3.0	0.0	0.0	6.0	0.0	0.0	14.4
153	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.3	2.2	-3.0	0.0	0.0	7.0	0.0	0.0	14.8
153	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	8.4	0.0	0.0	13.3
153	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.3	7.5	-3.0	0.0	0.0	10.4	0.0	0.0	11.7
153	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.3	19.9	-3.0	0.0	0.0	12.7	0.0	0.0	-4.9
153	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.3	67.6	-3.0	0.0	0.0	15.4	0.0	0.0	-61.8
153	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.3	241.1	-3.0	0.0	0.0	18.2	0.0	0.0	-248.4

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
155	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
155	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	4.8	0.0	0.0	14.8
155	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	16.1
155	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	4.8	0.0	0.0	16.0
155	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	4.8	0.0	0.0	16.0
155	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.0	21.5	-3.0	0.0	0.0	4.8	0.0	0.0	0.7
155	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.0	73.1	-3.0	0.0	0.0	4.8	0.0	0.0	-57.4
155	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.0	260.6	-3.0	0.0	0.0	4.8	0.0	0.0	-255.3

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
157	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	6.2	0.0	0.0	6.7
157	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	7.3	0.0	0.0	11.8
157	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.4	2.4	-3.0	0.0	0.0	8.9	0.0	0.0	11.5
157	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	10.9	0.0	0.0	9.1
157	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	13.4	0.0	0.0	6.5
157	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.4	22.7	-3.0	0.0	0.0	16.1	0.0	0.0	-12.2
157	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.4	76.9	-3.0	0.0	0.0	18.9	0.0	0.0	-75.9
157	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.4	274.4	-3.0	0.0	0.0	20.0	0.0	0.0	-284.8

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
160	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
160	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
160	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	4.8	0.0	0.0	12.6
160	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	4.8	0.0	0.0	12.1
160	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	81.8	12.7	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
160	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	81.8	33.5	-3.0	0.0	0.0	4.8	0.0	0.0	-16.5
160	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	81.8	113.6	-3.0	0.0	0.0	4.8	0.0	0.0	-104.1
160	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	81.8	405.3	-3.0	0.0	0.0	4.8	0.0	0.0	-403.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
163	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.6
163	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
163	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.2
163	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	81.2	6.2	-3.0	0.0	0.0	4.8	0.0	0.0	10.1
163	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	81.2	11.8	-3.0	0.0	0.0	4.8	0.0	0.0	6.2
163	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	81.2	31.2	-3.0	0.0	0.0	4.8	0.0	0.0	-13.7
163	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	81.2	105.7	-3.0	0.0	0.0	4.8	0.0	0.0	-92.1
163	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	81.2	377.2	-3.0	0.0	0.0	4.8	0.0	0.0	-374.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
168	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	3.6
168	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
168	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.1	3.7	-3.0	0.0	0.0	4.8	0.0	0.0	9.9
168	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.1	6.9	-3.0	0.0	0.0	4.8	0.0	0.0	8.5
168	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.1	13.1	-3.0	0.0	0.0	4.8	0.0	0.0	3.9
168	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.1	34.6	-3.0	0.0	0.0	4.8	0.0	0.0	-18.1
168	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.1	117.5	-3.0	0.0	0.0	4.8	0.0	0.0	-104.8
168	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.1	419.0	-3.0	0.0	0.0	4.8	0.0	0.0	-417.1

Immissionspunkt
 Bez.: IP28 - Quermke 2, 57399 Kirchhundem
 ID: !02!
 X: 430861.87 m
 Y: 5656215.51 m
 Z: 397.48 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
156	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.7
156	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	13.9
156	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	15.0
156	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	4.8	0.0	0.0	14.6
156	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.9	9.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.2
156	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.9	23.9	-3.0	0.0	0.0	4.8	0.0	0.0	-2.5
156	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.9	80.9	-3.0	0.0	0.0	4.8	0.0	0.0	-66.2
156	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.9	288.7	-3.0	0.0	0.0	4.8	0.0	0.0	-284.2

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
158	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.6
158	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.7
158	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.7
158	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.7	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.1
158	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.7	9.9	-3.0	0.0	0.0	0.0	0.0	0.0	17.3
158	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.7	26.3	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9
158	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.7	89.1	-3.0	0.0	0.0	0.0	0.0	0.0	-70.3
158	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.7	317.7	-3.0	0.0	0.0	0.0	0.0	0.0	-309.2

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
161	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.5
161	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.8
161	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.8
161	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.8
161	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
161	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	0.0	0.0	0.0	-4.0
161	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	80.1	93.2	-3.0	0.0	0.0	0.0	0.0	0.0	-77.2
161	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	80.1	332.5	-3.0	0.0	0.0	0.0	0.0	0.0	-324.5

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
165	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.6
165	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.6
165	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.4
165	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.5
165	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.7	11.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.1
165	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.7	29.4	-3.0	0.0	0.0	0.0	0.0	0.0	-5.1
165	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.7	99.7	-3.0	0.0	0.0	0.0	0.0	0.0	-82.0
165	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.7	355.7	-3.0	0.0	0.0	0.0	0.0	0.0	-348.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
171	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.3
171	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	9.9
171	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	13.4
171	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.9
171	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
171	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	4.8	0.0	0.0	-6.7
171	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.5	87.5	-3.0	0.0	0.0	4.8	0.0	0.0	-72.2
171	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.5	312.0	-3.0	0.0	0.0	4.8	0.0	0.0	-307.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
173	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.7	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.1
173	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.7	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
173	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.7	3.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.9
173	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.7	5.9	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
173	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.7	11.1	-3.0	0.0	0.0	4.8	0.0	0.0	7.3
173	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.7	29.4	-3.0	0.0	0.0	4.8	0.0	0.0	-11.5
173	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.7	99.8	-3.0	0.0	0.0	4.8	0.0	0.0	-85.6
173	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.7	355.8	-3.0	0.0	0.0	4.8	0.0	0.0	-352.5

Immissionspunkt
 Bez.: IP29 - Quermke 1, 57399 Kirchhundem
 ID: !02!
 X: 430699.61 m
 Y: 5656277.62 m
 Z: 402.58 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
159	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	5.2	0.0	0.0	7.6
159	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	5.6	0.0	0.0	13.4
159	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	6.3	0.0	0.0	13.9
159	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	7.4	0.0	0.0	12.5
159	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.5	8.7	-3.0	0.0	0.0	9.0	0.0	0.0	10.7
159	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.5	22.9	-3.0	0.0	0.0	11.1	0.0	0.0	-7.6
159	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.5	77.8	-3.0	0.0	0.0	13.6	0.0	0.0	-71.5
159	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.5	277.5	-3.0	0.0	0.0	16.3	0.0	0.0	-284.2

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
162	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	79.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
162	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	79.6	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	18.3
162	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	79.6	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.4
162	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	79.6	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.6
162	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	79.6	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.7
162	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	79.6	26.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.0
162	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	79.6	88.2	-3.0	0.0	0.0	0.0	0.0	0.0	-71.7
162	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	79.6	314.5	-3.0	0.0	0.0	0.0	0.0	0.0	-306.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
164	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
164	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.9
164	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.7	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.8
164	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.7	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	13.2
164	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.7	10.0	-3.0	0.0	0.0	4.8	0.0	0.0	12.4
164	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.7	26.4	-3.0	0.0	0.0	4.8	0.0	0.0	-6.0
164	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.7	89.7	-3.0	0.0	0.0	4.8	0.0	0.0	-75.8
164	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.7	319.8	-3.0	0.0	0.0	4.8	0.0	0.0	-316.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
167	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.9
167	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
167	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.1
167	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.0	4.8	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
167	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
167	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.0	24.2	-3.0	0.0	0.0	4.8	0.0	0.0	-4.5
167	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.0	82.1	-3.0	0.0	0.0	4.8	0.0	0.0	-66.2
167	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.0	292.7	-3.0	0.0	0.0	4.8	0.0	0.0	-287.7

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
170	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.8	0.4	-3.0	0.0	0.0	4.7	0.0	0.0	5.8
170	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	4.6	0.0	0.0	11.9
170	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	4.3	0.0	0.0	12.9
170	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.8	5.9	-3.0	0.0	0.0	3.8	0.0	0.0	12.5
170	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.8	11.3	-3.0	0.0	0.0	2.6	0.0	0.0	12.2
170	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.8	29.8	-3.0	0.0	0.0	0.0	0.0	0.0	-5.5
170	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.8	100.9	-3.0	0.0	0.0	0.0	0.0	0.0	-83.3
170	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.8	360.1	-3.0	0.0	0.0	0.0	0.0	0.0	-352.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
172	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.2	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.6
172	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.2	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.2
172	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.2	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	12.5
172	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.2	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	11.8
172	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.2	10.5	-3.0	0.0	0.0	4.8	0.0	0.0	8.4
172	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.2	27.8	-3.0	0.0	0.0	4.8	0.0	0.0	-9.4
172	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.2	94.3	-3.0	0.0	0.0	4.8	0.0	0.0	-79.6
172	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.2	336.3	-3.0	0.0	0.0	4.8	0.0	0.0	-332.5

Immissionspunkt
 Bez.: IP30 - Hagener Str. 18, 57399 Kirchhundem
 ID: !02!
 X: 430594.93 m
 Y: 5655861.90 m
 Z: 404.40 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
178	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
178	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	14.0
178	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	16.2
178	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	4.8	0.0	0.0	16.5
178	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
178	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	4.8	0.0	0.0	-5.1
178	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	79.2	84.0	-3.0	0.0	0.0	4.8	0.0	0.0	-71.9
178	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	79.2	299.8	-3.0	0.0	0.0	4.8	0.0	0.0	-295.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
182	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
182	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
182	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
182	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	13.1
182	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.2
182	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.8	26.7	-3.0	0.0	0.0	4.8	0.0	0.0	-6.3
182	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.8	90.6	-3.0	0.0	0.0	4.8	0.0	0.0	-76.8
182	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.8	323.2	-3.0	0.0	0.0	4.8	0.0	0.0	-319.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
185	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
185	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.7
185	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.4
185	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	4.8	0.0	0.0	14.0
185	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	4.8	0.0	0.0	11.3
185	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.8	23.7	-3.0	0.0	0.0	4.8	0.0	0.0	-3.9
185	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.8	80.5	-3.0	0.0	0.0	4.8	0.0	0.0	-64.5
185	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.8	287.1	-3.0	0.0	0.0	4.8	0.0	0.0	-281.9

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
188	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.3
188	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
188	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.0	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.9
188	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.0	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.0
188	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.0	11.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.4
188	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.0	30.4	-3.0	0.0	0.0	0.0	0.0	0.0	-6.4
188	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.0	103.2	-3.0	0.0	0.0	0.0	0.0	0.0	-85.8
188	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.0	368.1	-3.0	0.0	0.0	0.0	0.0	0.0	-361.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
192	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.7
192	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.3
192	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	12.7
192	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	12.0
192	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
192	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.1	27.4	-3.0	0.0	0.0	4.8	0.0	0.0	-8.9
192	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.1	93.0	-3.0	0.0	0.0	4.9	0.0	0.0	-78.3
192	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.1	331.8	-3.0	0.0	0.0	4.9	0.0	0.0	-328.0

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
218	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.3
218	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.2
218	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.7
218	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.5
218	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.8	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.3
218	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.8	33.6	-3.0	0.0	0.0	0.0	0.0	0.0	-10.5
218	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.8	114.1	-3.0	0.0	0.0	0.0	0.0	0.0	-97.5
218	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.8	406.9	-3.0	0.0	0.0	0.0	0.0	0.0	-400.7

Immissionspunkt
 Bez.: IP31 - Hagener Str. 16, 57399 Kirchhundem
 ID: !02!
 X: 430592.36 m
 Y: 5655843.67 m
 Z: 405.84 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
175	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	79.2	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
175	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	79.2	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	14.0
175	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	79.2	2.7	-3.0	0.0	0.0	4.8	0.0	0.0	16.2
175	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	79.2	4.9	-3.0	0.0	0.0	4.8	0.0	0.0	16.5
175	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	79.2	9.4	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
175	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	79.2	24.8	-3.0	0.0	0.0	4.8	0.0	0.0	-5.1
175	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	79.2	84.0	-3.0	0.0	0.0	4.8	0.0	0.0	-71.8
175	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	79.2	299.5	-3.0	0.0	0.0	4.8	0.0	0.0	-295.4

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
179	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
179	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.7
179	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.6
179	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	13.0
179	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.1
179	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	4.8	0.0	0.0	-6.5
179	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.9	91.2	-3.0	0.0	0.0	4.8	0.0	0.0	-77.4
179	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.9	325.2	-3.0	0.0	0.0	4.8	0.0	0.0	-321.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
189	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
189	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.7
189	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.8	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.4
189	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	4.8	0.0	0.0	14.0
189	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.8	9.0	-3.0	0.0	0.0	4.8	0.0	0.0	11.3
189	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.8	23.8	-3.0	0.0	0.0	4.8	0.0	0.0	-3.9
189	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.8	80.5	-3.0	0.0	0.0	4.8	0.0	0.0	-64.5
189	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.8	287.3	-3.0	0.0	0.0	4.8	0.0	0.0	-282.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
193	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.0	0.4	-3.0	0.0	0.0	5.2	0.0	0.0	5.0
193	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.0	1.3	-3.0	0.0	0.0	5.6	0.0	0.0	10.6
193	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.0	3.3	-3.0	0.0	0.0	6.3	0.0	0.0	10.6
193	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.0	6.1	-3.0	0.0	0.0	7.5	0.0	0.0	8.4
193	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.0	11.6	-3.0	0.0	0.0	9.1	0.0	0.0	5.2
193	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.0	30.6	-3.0	0.0	0.0	11.3	0.0	0.0	-17.9
193	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.0	103.8	-3.0	0.0	0.0	13.8	0.0	0.0	-100.1
193	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.0	370.1	-3.0	0.0	0.0	16.5	0.0	0.0	-379.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
196	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.7
196	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.3
196	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	12.7
196	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	12.0
196	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
196	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.1	27.4	-3.0	0.0	0.0	4.8	0.0	0.0	-8.9
196	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.1	93.1	-3.0	0.0	0.0	4.8	0.0	0.0	-78.4
196	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.1	332.0	-3.0	0.0	0.0	4.9	0.0	0.0	-328.1

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
197	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.9	0.4	-3.0	0.0	0.0	5.3	0.0	0.0	4.0
197	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.9	1.4	-3.0	0.0	0.0	5.7	0.0	0.0	9.5
197	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.9	3.6	-3.0	0.0	0.0	6.5	0.0	0.0	9.2
197	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.9	6.7	-3.0	0.0	0.0	7.7	0.0	0.0	6.7
197	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.9	12.8	-3.0	0.0	0.0	9.4	0.0	0.0	2.8
197	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.9	33.8	-3.0	0.0	0.0	11.6	0.0	0.0	-22.3
197	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.9	114.6	-3.0	0.0	0.0	14.1	0.0	0.0	-112.2
197	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.9	408.9	-3.0	0.0	0.0	16.9	0.0	0.0	-419.5

Immissionspunkt
 Bez.: IP32 - Gartenstraße 31, 57399 Kirchhundem
 ID: !02!
 X: 430513.94 m
 Y: 5655766.84 m
 Z: 417.43 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
176	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
176	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.3
176	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	16.5
176	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	4.8	0.0	0.0	16.9
176	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	4.8	0.0	0.0	13.3
176	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	78.9	24.0	-3.0	0.0	0.0	4.9	0.0	0.0	-4.2
176	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	78.9	81.5	-3.0	0.0	0.0	5.0	0.0	0.0	-69.3
176	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	78.9	290.7	-3.0	0.0	0.0	5.1	0.0	0.0	-286.7

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
180	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.4
180	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.5
180	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	13.4
180	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	12.6
180	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.6
180	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.1	27.5	-3.0	0.0	0.0	4.8	0.0	0.0	-7.4
180	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.1	93.4	-3.0	0.0	0.0	4.8	0.0	0.0	-79.8
180	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.1	333.0	-3.0	0.0	0.0	4.8	0.0	0.0	-329.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
183	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.6	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.2
183	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.6	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.9
183	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.6	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	14.6
183	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.6	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.3
183	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.6	8.8	-3.0	0.0	0.0	4.8	0.0	0.0	11.7
183	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.6	23.2	-3.0	0.0	0.0	4.8	0.0	0.0	-3.2
183	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.6	78.6	-3.0	0.0	0.0	4.8	0.0	0.0	-62.4
183	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.6	280.5	-3.0	0.0	0.0	4.8	0.0	0.0	-275.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
186	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.9
186	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.3	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.9
186	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.3	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.5
186	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.3	6.3	-3.0	0.0	0.0	0.0	0.0	0.0	15.4
186	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.3	12.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.7
186	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.3	31.6	-3.0	0.0	0.0	0.0	0.0	0.0	-7.9
186	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.3	107.1	-3.0	0.0	0.0	0.0	0.0	0.0	-90.0
186	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.3	382.1	-3.0	0.0	0.0	0.0	0.0	0.0	-375.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
190	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
190	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.9	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	9.5
190	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.9	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	12.9
190	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.9	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	12.3
190	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.9	10.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.1
190	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.9	26.9	-3.0	0.0	0.0	4.8	0.0	0.0	-8.2
190	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.9	91.2	-3.0	0.0	0.0	4.8	0.0	0.0	-76.3
190	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.9	325.3	-3.0	0.0	0.0	4.8	0.0	0.0	-321.1

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
194	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.0
194	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.9
194	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.1	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.3
194	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.1	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
194	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.1	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.6
194	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.1	34.8	-3.0	0.0	0.0	0.0	0.0	0.0	-12.0
194	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.1	118.1	-3.0	0.0	0.0	0.0	0.0	0.0	-101.8
194	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.1	421.2	-3.0	0.0	0.0	0.0	0.0	0.0	-415.2

Immissionspunkt
 Bez.: IP33 - Gartenstraße 26, 57399 Kirchhundem
 ID: !02!
 X: 430463.35 m
 Y: 5655754.52 m
 Z: 424.00 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
177	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	78.7	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	9.1
177	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	78.7	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.5
177	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	78.7	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	16.7
177	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	78.7	4.7	-3.0	0.0	0.0	4.8	0.0	0.0	17.2
177	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	78.7	8.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
177	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	78.7	23.6	-3.0	0.0	0.0	4.8	0.0	0.0	-3.5
177	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	78.7	79.9	-3.0	0.0	0.0	4.8	0.0	0.0	-67.3
177	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	78.7	284.8	-3.0	0.0	0.0	4.8	0.0	0.0	-280.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
181	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.4	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.4
181	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.4	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	11.1
181	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.4	2.5	-3.0	0.0	0.0	4.8	0.0	0.0	14.8
181	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.4	4.5	-3.0	0.0	0.0	4.8	0.0	0.0	14.6
181	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.4	8.6	-3.0	0.0	0.0	4.8	0.0	0.0	12.1
181	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.4	22.8	-3.0	0.0	0.0	4.8	0.0	0.0	-2.6
181	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.4	77.1	-3.0	0.0	0.0	4.8	0.0	0.0	-60.8
181	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.4	275.2	-3.0	0.0	0.0	4.8	0.0	0.0	-269.6

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
184	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.4
184	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.4
184	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	13.3
184	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	4.8	0.0	0.0	12.6
184	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.6
184	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.1	27.6	-3.0	0.0	0.0	4.8	0.0	0.0	-7.5
184	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.1	93.6	-3.0	0.0	0.0	4.8	0.0	0.0	-80.1
184	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.1	333.8	-3.0	0.0	0.0	4.8	0.0	0.0	-330.6

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
187	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
187	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.0
187	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.4	3.4	-3.0	0.0	0.0	4.8	0.0	0.0	11.6
187	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
187	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	4.8	0.0	0.0	8.7
187	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.4	31.9	-3.0	0.0	0.0	4.8	0.0	0.0	-13.1
187	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.4	108.2	-3.0	0.0	0.0	4.8	0.0	0.0	-96.0
187	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.4	386.1	-3.0	0.0	0.0	4.8	0.0	0.0	-384.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
191	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
191	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	9.7
191	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.7	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.1
191	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.7	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	12.5
191	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.7	10.0	-3.0	0.0	0.0	4.8	0.0	0.0	9.4
191	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.7	26.5	-3.0	0.0	0.0	4.8	0.0	0.0	-7.6
191	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.7	89.7	-3.0	0.0	0.0	4.8	0.0	0.0	-74.6
191	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.7	319.9	-3.0	0.0	0.0	4.8	0.0	0.0	-315.6

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
195	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.2	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.2
195	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.2	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	10.0
195	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.2	3.8	-3.0	0.0	0.0	4.8	0.0	0.0	10.4
195	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.2	7.0	-3.0	0.0	0.0	4.8	0.0	0.0	9.0
195	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.2	13.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
195	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.2	35.2	-3.0	0.0	0.0	4.8	0.0	0.0	-17.2
195	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.2	119.3	-3.0	0.0	0.0	4.8	0.0	0.0	-107.9
195	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.2	425.5	-3.0	0.0	0.0	4.8	0.0	0.0	-424.5

Immissionspunkt
 Bez.: IP34 - Birkenweg 38, 57399 Kirchhundem
 ID: !02!
 X: 430390.20 m
 Y: 5655742.46 m
 Z: 435.63 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
198	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	78.5	0.3	-3.0	0.0	0.0	8.9	0.0	0.0	5.3
198	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	78.5	1.0	-3.0	0.0	0.0	10.9	0.0	0.0	8.6
198	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	78.5	2.5	-3.0	0.0	0.0	13.4	0.0	0.0	8.5
198	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	78.5	4.6	-3.0	0.0	0.0	16.1	0.0	0.0	6.3
198	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	78.5	8.6	-3.0	0.0	0.0	18.9	0.0	0.0	0.1
198	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	78.5	22.8	-3.0	0.0	0.0	20.0	0.0	0.0	-17.7
198	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	78.5	77.5	-3.0	0.0	0.0	20.0	0.0	0.0	-79.8
198	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	78.5	276.3	-3.0	0.0	0.0	20.0	0.0	0.0	-286.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
200	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	11.9	0.0	0.0	0.5
200	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	14.6	0.0	0.0	1.6
200	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	17.4	0.0	0.0	2.5
200	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	20.3	0.0	0.0	-0.6
200	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	23.3	0.0	0.0	-5.9
200	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.2	22.1	-3.0	0.0	0.0	25.0	0.0	0.0	-21.9
200	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.2	74.9	-3.0	0.0	0.0	25.0	0.0	0.0	-78.5
200	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.2	267.3	-3.0	0.0	0.0	25.0	0.0	0.0	-281.6

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
203	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	4.2	0.0	0.0	6.9
203	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	3.5	0.0	0.0	13.7
203	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	1.7	0.0	0.0	16.4
203	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.3
203	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.1	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.3
203	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.1	27.7	-3.0	0.0	0.0	0.0	0.0	0.0	-2.8
203	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.1	93.8	-3.0	0.0	0.0	0.0	0.0	0.0	-75.5
203	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.1	334.6	-3.0	0.0	0.0	0.0	0.0	0.0	-326.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
205	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	11.6	0.0	0.0	-0.6
205	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	14.2	0.0	0.0	0.4
205	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	17.0	0.0	0.0	1.1
205	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	19.9	0.0	0.0	-2.3
205	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.5	9.8	-3.0	0.0	0.0	22.9	0.0	0.0	-8.3
205	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.5	25.8	-3.0	0.0	0.0	25.0	0.0	0.0	-26.9
205	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.5	87.5	-3.0	0.0	0.0	25.0	0.0	0.0	-92.4
205	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.5	312.0	-3.0	0.0	0.0	25.0	0.0	0.0	-327.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
207	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.7
207	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.5	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
207	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
207	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.5	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.1
207	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.5	12.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2
207	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.5	32.3	-3.0	0.0	0.0	0.0	0.0	0.0	-8.8
207	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.5	109.7	-3.0	0.0	0.0	0.0	0.0	0.0	-92.8
207	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.5	391.3	-3.0	0.0	0.0	0.0	0.0	0.0	-384.7

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
212	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.8
212	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.6
212	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.3	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	15.0
212	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.3	7.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.5
212	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.3	13.5	-3.0	0.0	0.0	0.0	0.0	0.0	11.1
212	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.3	35.7	-3.0	0.0	0.0	0.0	0.0	0.0	-13.0
212	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.3	120.9	-3.0	0.0	0.0	0.0	0.0	0.0	-104.9
212	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.3	431.3	-3.0	0.0	0.0	0.0	0.0	0.0	-425.6

Immissionspunkt
 Bez.: IP35 - Nußbaumweg 19, 57399 Kirchhundem
 ID: !02!
 X: 430182.03 m
 Y: 5655640.81 m
 Z: 445.84 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
208	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	77.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.9
208	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	77.7	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.4
208	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	77.7	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
208	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	77.7	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	23.5
208	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	77.7	7.9	-3.0	0.0	0.0	0.0	0.0	0.0	20.4
208	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	77.7	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	4.9
208	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	77.7	71.0	-3.0	0.0	0.0	0.0	0.0	0.0	-52.7
208	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	77.7	253.4	-3.0	0.0	0.0	0.0	0.0	0.0	-243.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
210	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	77.5	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.1
210	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	77.5	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.9
210	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	77.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.7
210	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	77.5	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.7
210	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	77.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.6
210	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	77.5	20.5	-3.0	0.0	0.0	0.0	0.0	0.0	5.4
210	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	77.5	69.5	-3.0	0.0	0.0	0.0	0.0	0.0	-47.5
210	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	77.5	248.1	-3.0	0.0	0.0	0.0	0.0	0.0	-236.8

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
211	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
211	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.1
211	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.9
211	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	4.8	0.0	0.0	12.1
211	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	4.8	0.0	0.0	10.9
211	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.4	28.6	-3.0	0.0	0.0	4.8	0.0	0.0	-8.8
211	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.4	97.0	-3.0	0.0	0.0	4.8	0.0	0.0	-83.8
211	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.4	346.0	-3.0	0.0	0.0	4.8	0.0	0.0	-343.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
213	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	4.6	0.0	0.0	7.0
213	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	4.4	0.0	0.0	10.9
213	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	4.0	0.0	0.0	14.9
213	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	79.0	4.8	-3.0	0.0	0.0	3.1	0.0	0.0	15.4
213	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	0.5	0.0	0.0	15.3
213	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	79.0	24.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.2
213	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	79.0	82.1	-3.0	0.0	0.0	0.0	0.0	0.0	-61.4
213	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	79.0	292.7	-3.0	0.0	0.0	0.0	0.0	0.0	-282.9

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
216	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.0	0.4	-3.0	0.0	0.0	4.3	0.0	0.0	4.9
216	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.0	1.5	-3.0	0.0	0.0	3.7	0.0	0.0	11.3
216	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.0	3.7	-3.0	0.0	0.0	2.4	0.0	0.0	13.2
216	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.0	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	14.2
216	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.0	12.9	-3.0	0.0	0.0	0.0	0.0	0.0	12.0
216	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.0	34.2	-3.0	0.0	0.0	0.0	0.0	0.0	-11.2
216	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.0	116.0	-3.0	0.0	0.0	0.0	0.0	0.0	-99.5
216	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.0	413.6	-3.0	0.0	0.0	0.0	0.0	0.0	-407.5

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
220	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.8	0.5	-3.0	0.0	0.0	1.7	0.0	0.0	6.7
220	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.8	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.1
220	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.8	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	14.3
220	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.8	7.5	-3.0	0.0	0.0	0.0	0.0	0.0	12.7
220	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.8	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	9.9
220	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.8	37.6	-3.0	0.0	0.0	0.0	0.0	0.0	-15.4
220	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.8	127.5	-3.0	0.0	0.0	0.0	0.0	0.0	-111.9
220	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.8	454.9	-3.0	0.0	0.0	0.0	0.0	0.0	-449.6

Immissionspunkt
 Bez.: IP36 - Einsiedeleiweg 24, 57399 Kirchhundem
 ID: !02!
 X: 429884.06 m
 Y: 5655608.51 m
 Z: 460.58 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
199	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	76.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
199	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	76.5	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	21.8
199	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	76.5	2.0	-3.0	0.0	0.0	0.0	0.0	0.0	24.4
199	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	76.5	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	25.3
199	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	76.5	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
199	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	76.5	18.2	-3.0	0.0	0.0	0.0	0.0	0.0	9.0
199	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	76.5	61.6	-3.0	0.0	0.0	0.0	0.0	0.0	-41.9
199	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	76.5	219.6	-3.0	0.0	0.0	0.0	0.0	0.0	-208.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
201	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	76.4	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3
201	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	76.4	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.1
201	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	76.4	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.2
201	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	76.4	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.3
201	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	76.4	6.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.7
201	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	76.4	18.0	-3.0	0.0	0.0	0.0	0.0	0.0	9.0
201	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	76.4	61.0	-3.0	0.0	0.0	0.0	0.0	0.0	-37.8
201	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	76.4	217.5	-3.0	0.0	0.0	0.0	0.0	0.0	-205.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
202	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.6
202	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.4
202	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.0	2.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.2
202	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.0	4.3	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
202	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.0	8.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.7
202	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.0	21.6	-3.0	0.0	0.0	0.0	0.0	0.0	3.7
202	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.0	73.4	-3.0	0.0	0.0	0.0	0.0	0.0	-51.8
202	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.0	261.8	-3.0	0.0	0.0	0.0	0.0	0.0	-251.0

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
204	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	4.7	0.0	0.0	6.0
204	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	4.6	0.0	0.0	12.1
204	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	4.4	0.0	0.0	13.1
204	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	4.0	0.0	0.0	12.6
204	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	3.0	0.0	0.0	12.3
204	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.6	29.1	-3.0	0.0	0.0	0.0	0.0	0.0	-4.7
204	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.6	98.7	-3.0	0.0	0.0	0.0	0.0	0.0	-80.9
204	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.6	352.2	-3.0	0.0	0.0	0.0	0.0	0.0	-344.7

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
206	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.9
206	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.4	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
206	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.4	3.9	-3.0	0.0	0.0	4.8	0.0	0.0	10.1
206	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.4	7.2	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
206	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.4	13.6	-3.0	0.0	0.0	4.8	0.0	0.0	6.1
206	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.4	36.0	-3.0	0.0	0.0	4.8	0.0	0.0	-18.2
206	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.4	122.1	-3.0	0.0	0.0	4.8	0.0	0.0	-110.9
206	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.4	435.7	-3.0	0.0	0.0	4.8	0.0	0.0	-434.8

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
209	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.3	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.1
209	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.3	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.8
209	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.3	4.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
209	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.3	7.9	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
209	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.3	15.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.9
209	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.3	39.6	-3.0	0.0	0.0	4.8	0.0	0.0	-22.6
209	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.3	134.3	-3.0	0.0	0.0	4.8	0.0	0.0	-123.9
209	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.3	478.9	-3.0	0.0	0.0	4.8	0.0	0.0	-478.9

Immissionspunkt
 Bez.: IP37 - Am Heid 31, 57399 Kirchhundem
 ID: !02!
 X: 429263.14 m
 Y: 5654921.05 m
 Z: 447.17 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
214	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	75.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.6
214	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	75.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.3
214	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	75.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	26.1
214	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	75.1	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	27.3
214	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	75.1	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.2
214	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	75.1	15.4	-3.0	0.0	0.0	0.0	0.0	0.0	13.1
214	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	75.1	52.3	-3.0	0.0	0.0	0.0	0.0	0.0	-31.3
214	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	75.1	186.7	-3.0	0.0	0.0	0.0	0.0	0.0	-173.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
215	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	76.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.4
215	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	76.2	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.3
215	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	76.2	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.4
215	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	76.2	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.5
215	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	76.2	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	21.0
215	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	76.2	17.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.5
215	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	76.2	59.9	-3.0	0.0	0.0	0.0	0.0	0.0	-36.5
215	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	76.2	213.6	-3.0	0.0	0.0	0.0	0.0	0.0	-201.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
217	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	77.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
217	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	77.6	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.8
217	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	77.6	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.6
217	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	77.6	4.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.6
217	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	77.6	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	18.4
217	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	77.6	20.7	-3.0	0.0	0.0	0.0	0.0	0.0	5.1
217	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	77.6	70.2	-3.0	0.0	0.0	0.0	0.0	0.0	-48.2
217	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	77.6	250.4	-3.0	0.0	0.0	0.0	0.0	0.0	-239.2

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
219	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.6	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.8
219	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.6	1.6	-3.0	0.0	0.0	4.8	0.0	0.0	9.6
219	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.6	4.0	-3.0	0.0	0.0	4.8	0.0	0.0	9.8
219	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.6	7.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.3
219	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.6	13.9	-3.0	0.0	0.0	4.8	0.0	0.0	5.6
219	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.6	36.8	-3.0	0.0	0.0	4.8	0.0	0.0	-19.2
219	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.6	124.8	-3.0	0.0	0.0	4.8	0.0	0.0	-113.8
219	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.6	445.1	-3.0	0.0	0.0	4.8	0.0	0.0	-444.4

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
224	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.3	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.9
224	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.3	1.9	-3.0	0.0	0.0	4.7	0.0	0.0	7.5
224	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.3	4.8	-3.0	0.0	0.0	4.7	0.0	0.0	7.3
224	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.3	9.0	-3.0	0.0	0.0	4.6	0.0	0.0	5.1
224	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.3	17.0	-3.0	0.0	0.0	4.5	0.0	0.0	1.1
224	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.3	44.9	-3.0	0.0	0.0	4.2	0.0	0.0	-28.5
224	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.3	152.3	-3.0	0.0	0.0	3.5	0.0	0.0	-141.8
224	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.3	543.2	-3.0	0.0	0.0	1.8	0.0	0.0	-541.2

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
241	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	85.0	0.6	-3.0	0.0	0.0	4.7	0.0	0.0	1.3
241	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	85.0	2.1	-3.0	0.0	0.0	4.7	0.0	0.0	6.8
241	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	85.0	5.2	-3.0	0.0	0.0	4.6	0.0	0.0	6.4
241	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	85.0	9.7	-3.0	0.0	0.0	4.3	0.0	0.0	4.0
241	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	85.0	18.4	-3.0	0.0	0.0	3.8	0.0	0.0	-0.3
241	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	85.0	48.5	-3.0	0.0	0.0	2.6	0.0	0.0	-31.2
241	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	85.0	164.6	-3.0	0.0	0.0	0.0	0.0	0.0	-151.2
241	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	85.0	587.0	-3.0	0.0	0.0	0.0	0.0	0.0	-583.9

Immissionspunkt
 Bez.: IP38 - Josef-Gockeln-Straße 21, 57399 Kirchhundem
 ID: !02!
 X: 428598.50 m
 Y: 5654932.61 m
 Z: 490.31 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
221	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	72.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.5
221	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	72.3	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	26.3
221	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	72.3	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.3
221	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	72.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.9
221	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	72.3	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.6
221	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	72.3	11.2	-3.0	0.0	0.0	0.0	0.0	0.0	20.2
221	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	72.3	37.8	-3.0	0.0	0.0	0.0	0.0	0.0	-14.0
221	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	72.3	135.0	-3.0	0.0	0.0	0.0	0.0	0.0	-119.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
223	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	74.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.0
223	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	74.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
223	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	74.7	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.2
223	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	74.7	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	24.7
223	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	74.7	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
223	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	74.7	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
223	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	74.7	50.1	-3.0	0.0	0.0	0.0	0.0	0.0	-25.2
223	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	74.7	178.6	-3.0	0.0	0.0	0.0	0.0	0.0	-164.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
228	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	75.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.8
228	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	75.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.7
228	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	75.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
228	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	75.9	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.0
228	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	75.9	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	21.6
228	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	75.9	17.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
228	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	75.9	57.6	-3.0	0.0	0.0	0.0	0.0	0.0	-33.9
228	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	75.9	205.5	-3.0	0.0	0.0	0.0	0.0	0.0	-192.6

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
231	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	8.0
231	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.8
231	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
231	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.1	7.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.2
231	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.1	14.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.1
231	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.1	38.8	-3.0	0.0	0.0	0.0	0.0	0.0	-16.9
231	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.1	131.7	-3.0	0.0	0.0	0.0	0.0	0.0	-116.4
231	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.1	469.8	-3.0	0.0	0.0	0.0	0.0	0.0	-464.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
234	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	85.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.9
234	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	85.1	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	11.3
234	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	85.1	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	10.8
234	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	85.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	8.2
234	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	85.1	18.5	-3.0	0.0	0.0	0.0	0.0	0.0	3.3
234	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	85.1	48.9	-3.0	0.0	0.0	0.0	0.0	0.0	-29.0
234	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	85.1	165.8	-3.0	0.0	0.0	0.0	0.0	0.0	-152.5
234	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	85.1	591.3	-3.0	0.0	0.0	0.0	0.0	0.0	-588.3

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
237	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	85.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	5.2
237	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	85.7	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
237	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	85.7	5.7	-3.0	0.0	0.0	0.0	0.0	0.0	9.8
237	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	85.7	10.5	-3.0	0.0	0.0	0.0	0.0	0.0	6.7
237	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	85.7	20.0	-3.0	0.0	0.0	0.0	0.0	0.0	1.2
237	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	85.7	52.8	-3.0	0.0	0.0	0.0	0.0	0.0	-33.5
237	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	85.7	178.9	-3.0	0.0	0.0	0.0	0.0	0.0	-166.2
237	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	85.7	638.1	-3.0	0.0	0.0	0.0	0.0	0.0	-635.7

Immissionspunkt
 Bez.: IP39 - Gebäude im Fl. Stk. 013 Rahrbach
 ID: !02!
 X: 428384.73 m
 Y: 5654994.00 m
 Z: 507.94 m

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"

Nr.	X (m)	Y (m)	Z (m)	Refl.	OVG	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
222	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	71.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
222	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	71.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	27.5
222	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	71.1	1.1	-3.0	0.0	0.0	0.0	0.0	0.0	30.7
222	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	71.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	32.4
222	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	71.1	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.3
222	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	71.1	9.8	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
222	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	71.1	33.1	-3.0	0.0	0.0	0.0	0.0	0.0	-8.0
222	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	71.1	117.9	-3.0	0.0	0.0	0.0	0.0	0.0	-101.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"

Nr.	X (m)	Y (m)	Z (m)	Refl.	OVG	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
226	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	74.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.6
226	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	74.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	20.6
226	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	74.1	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	24.9
226	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	74.1	2.7	-3.0	0.0	0.0	0.0	0.0	0.0	25.5
226	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	74.1	5.2	-3.0	0.0	0.0	0.0	0.0	0.0	24.6
226	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	74.1	13.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
226	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	74.1	46.7	-3.0	0.0	0.0	0.0	0.0	0.0	-21.2
226	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	74.1	166.7	-3.0	0.0	0.0	0.0	0.0	0.0	-152.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"

Nr.	X (m)	Y (m)	Z (m)	Refl.	OVG	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
232	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
232	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	19.5
232	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
232	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.0
232	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
232	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	75.2	15.6	-3.0	0.0	0.0	0.0	0.0	0.0	12.6
232	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	75.2	53.0	-3.0	0.0	0.0	0.0	0.0	0.0	-28.6
232	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	75.2	189.2	-3.0	0.0	0.0	0.0	0.0	0.0	-175.5

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"

Nr.	X (m)	Y (m)	Z (m)	Refl.	OVG	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
236	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.2	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.2
236	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.2	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
236	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.2	4.2	-3.0	0.0	0.0	4.8	0.0	0.0	9.0
236	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.2	7.8	-3.0	0.0	0.0	4.8	0.0	0.0	7.2
236	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.2	14.8	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
236	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.2	39.2	-3.0	0.0	0.0	4.8	0.0	0.0	-22.1
236	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.2	132.9	-3.0	0.0	0.0	4.8	0.0	0.0	-122.5
236	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.2	474.1	-3.0	0.0	0.0	4.8	0.0	0.0	-474.0

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"

Nr.	X (m)	Y (m)	Z (m)	Refl.	OVG	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZeit dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
238	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	85.3	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	0.9
238	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	85.3	2.1	-3.0	0.0	0.0	4.8	0.0	0.0	6.4
238	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	85.3	5.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.8
238	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	85.3	10.0	-3.0	0.0	0.0	4.8	0.0	0.0	3.0
238	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	85.3	18.9	-3.0	0.0	0.0	4.8	0.0	0.0	-2.0
238	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	85.3	49.9	-3.0	0.0	0.0	4.8	0.0	0.0	-34.9
238	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	85.3	169.1	-3.0	0.0	0.0	4.8	0.0	0.0	-160.8
238	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	85.3	603.3	-3.0	0.0	0.0	4.8	0.0	0.0	-605.2

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
243	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	85.9	0.7	-3.0	0.0	0.0	4.8	0.0	0.0	0.2
243	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	85.9	2.3	-3.0	0.0	0.0	4.8	0.0	0.0	5.5
243	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	85.9	5.8	-3.0	0.0	0.0	4.8	0.0	0.0	4.7
243	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	85.9	10.7	-3.0	0.0	0.0	4.8	0.0	0.0	1.6
243	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	85.9	20.4	-3.0	0.0	0.0	4.8	0.0	0.0	-4.2
243	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	85.9	53.8	-3.0	0.0	0.0	4.8	0.0	0.0	-39.5
243	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	85.9	182.5	-3.0	0.0	0.0	4.8	0.0	0.0	-174.8
243	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	85.9	651.0	-3.0	0.0	0.0	4.8	0.0	0.0	-653.6

Immissionspunkt
 Bez.: IP40 - Einsiedelei 3, 57368 Lennestadt
 ID: !02!
 X: 429223.43 m
 Y: 5657567.93 m
 Z: 519.12 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
225	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.3	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.1
225	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.3	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.6
225	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.3	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.3
225	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.3	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	25.9
225	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.3	5.4	-3.0	0.0	0.0	0.0	0.0	0.0	27.2
225	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.3	14.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.5
225	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.3	48.0	-3.0	0.0	0.0	0.0	0.0	0.0	-24.0
225	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.3	171.4	-3.0	0.0	0.0	0.0	0.0	0.0	-157.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
227	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	74.8	0.2	-3.0	0.0	0.0	8.2	0.0	0.0	7.7
227	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	74.8	0.6	-3.0	0.0	0.0	10.1	0.0	0.0	9.8
227	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	74.8	1.6	-3.0	0.0	0.0	12.4	0.0	0.0	11.7
227	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	74.8	3.0	-3.0	0.0	0.0	15.0	0.0	0.0	9.5
227	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	74.8	5.7	-3.0	0.0	0.0	17.8	0.0	0.0	5.6
227	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	74.8	15.0	-3.0	0.0	0.0	20.0	0.0	0.0	-6.4
227	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	74.8	50.9	-3.0	0.0	0.0	20.0	0.0	0.0	-46.1
227	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	74.8	181.5	-3.0	0.0	0.0	20.0	0.0	0.0	-187.6

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
229	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	77.1	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	7.6
229	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	77.1	0.8	-3.0	0.0	0.0	9.7	0.0	0.0	11.4
229	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	77.1	2.1	-3.0	0.0	0.0	11.9	0.0	0.0	11.6
229	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	77.1	3.9	-3.0	0.0	0.0	14.5	0.0	0.0	9.9
229	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	77.1	7.4	-3.0	0.0	0.0	17.3	0.0	0.0	4.3
229	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	77.1	19.6	-3.0	0.0	0.0	20.0	0.0	0.0	-13.1
229	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	77.1	66.3	-3.0	0.0	0.0	20.0	0.0	0.0	-67.4
229	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	77.1	236.6	-3.0	0.0	0.0	20.0	0.0	0.0	-245.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
230	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	75.8	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	7.0
230	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	75.8	0.7	-3.0	0.0	0.0	9.7	0.0	0.0	9.1
230	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	75.8	1.8	-3.0	0.0	0.0	11.9	0.0	0.0	10.9
230	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	75.8	3.4	-3.0	0.0	0.0	14.5	0.0	0.0	8.6
230	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	75.8	6.4	-3.0	0.0	0.0	17.3	0.0	0.0	4.4
230	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	75.8	16.9	-3.0	0.0	0.0	20.0	0.0	0.0	-9.3
230	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	75.8	57.2	-3.0	0.0	0.0	20.0	0.0	0.0	-53.4
230	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	75.8	204.0	-3.0	0.0	0.0	20.0	0.0	0.0	-211.0

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
233	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.7
233	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.7
233	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.6	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	17.5
233	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.6	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	16.6
233	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.6	11.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.3
233	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.6	29.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.6
233	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.6	98.5	-3.0	0.0	0.0	0.0	0.0	0.0	-80.7
233	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.6	351.3	-3.0	0.0	0.0	0.0	0.0	0.0	-343.8

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
235	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.8	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.4
235	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.8	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.3
235	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.8	3.6	-3.0	0.0	0.0	0.0	0.0	0.0	15.8
235	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.8	6.7	-3.0	0.0	0.0	0.0	0.0	0.0	14.5
235	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.8	12.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.4
235	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.8	33.5	-3.0	0.0	0.0	0.0	0.0	0.0	-10.3
235	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.8	113.6	-3.0	0.0	0.0	0.0	0.0	0.0	-97.0
235	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.8	405.2	-3.0	0.0	0.0	0.0	0.0	0.0	-398.9

Immissionspunkt
 Bez.: IP41 - Einsiedelei 1, 57368 Lennestadt
 ID: !02!
 X: 429057.34 m
 Y: 5657571.11 m
 Z: 522.51 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
239	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	75.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	16.4
239	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	75.0	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	22.8
239	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	75.0	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	24.5
239	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	75.0	3.1	-3.0	0.0	0.0	0.0	0.0	0.0	24.9
239	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	75.0	5.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.1
239	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	75.0	15.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.7
239	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	75.0	51.9	-3.0	0.0	0.0	0.0	0.0	0.0	-28.5
239	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	75.0	185.2	-3.0	0.0	0.0	0.0	0.0	0.0	-172.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
240	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	7.9	0.0	0.0	8.6
240	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	9.6	0.0	0.0	10.8
240	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	11.9	0.0	0.0	12.9
240	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	14.4	0.0	0.0	10.8
240	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	17.2	0.0	0.0	7.1
240	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	74.2	14.0	-3.0	0.0	0.0	20.0	0.0	0.0	-4.9
240	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	74.2	47.6	-3.0	0.0	0.0	20.0	0.0	0.0	-42.3
240	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	74.2	169.8	-3.0	0.0	0.0	20.0	0.0	0.0	-175.3

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
242	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	76.7	0.2	-3.0	0.0	0.0	7.5	0.0	0.0	8.4
242	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	76.7	0.8	-3.0	0.0	0.0	9.2	0.0	0.0	12.3
242	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	76.7	2.0	-3.0	0.0	0.0	11.3	0.0	0.0	12.7
242	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	76.7	3.7	-3.0	0.0	0.0	13.8	0.0	0.0	11.1
242	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	76.7	7.1	-3.0	0.0	0.0	16.6	0.0	0.0	5.7
242	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	76.7	18.7	-3.0	0.0	0.0	19.4	0.0	0.0	-11.3
242	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	76.7	63.4	-3.0	0.0	0.0	20.0	0.0	0.0	-64.0
242	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	76.7	226.2	-3.0	0.0	0.0	20.0	0.0	0.0	-234.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
245	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	75.2	0.2	-3.0	0.0	0.0	7.8	0.0	0.0	7.7
245	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	75.2	0.7	-3.0	0.0	0.0	9.6	0.0	0.0	9.9
245	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	75.2	1.7	-3.0	0.0	0.0	11.8	0.0	0.0	11.8
245	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	75.2	3.1	-3.0	0.0	0.0	14.4	0.0	0.0	9.6
245	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	75.2	5.9	-3.0	0.0	0.0	17.1	0.0	0.0	5.7
245	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	75.2	15.6	-3.0	0.0	0.0	20.0	0.0	0.0	-7.4
245	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	75.2	53.0	-3.0	0.0	0.0	20.0	0.0	0.0	-48.6
245	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	75.2	189.2	-3.0	0.0	0.0	20.0	0.0	0.0	-195.6

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
248	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.2
248	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.0	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
248	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.0	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.9
248	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.0	6.1	-3.0	0.0	0.0	0.0	0.0	0.0	15.9
248	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.0	11.6	-3.0	0.0	0.0	0.0	0.0	0.0	14.4
248	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.0	30.5	-3.0	0.0	0.0	0.0	0.0	0.0	-6.5
248	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.0	103.5	-3.0	0.0	0.0	0.0	0.0	0.0	-86.1
248	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.0	369.3	-3.0	0.0	0.0	0.0	0.0	0.0	-362.2

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
251	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.0
251	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.8
251	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.2	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.2
251	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.2	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.8
251	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.2	13.2	-3.0	0.0	0.0	0.0	0.0	0.0	11.5
251	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.2	35.0	-3.0	0.0	0.0	0.0	0.0	0.0	-12.2
251	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.2	118.7	-3.0	0.0	0.0	0.0	0.0	0.0	-102.5
251	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.2	423.3	-3.0	0.0	0.0	0.0	0.0	0.0	-417.4

Immissionspunkt
 Bez.: IP42 - Apollmicke 3 (Süd), 57462 Olpe
 ID: !02!
 X: 427880.08 m
 Y: 5657201.82 m
 Z: 491.23 m

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
244	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	68.1	0.1	-3.0	0.0	0.0	1.2	0.0	0.0	21.5
244	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	68.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.9
244	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	68.1	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	31.6
244	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	68.1	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	32.8
244	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	68.1	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	33.2
244	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	68.1	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	28.3
244	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	68.1	23.5	-3.0	0.0	0.0	0.0	0.0	0.0	8.0
244	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	68.1	83.9	-3.0	0.0	0.0	0.0	0.0	0.0	-63.2

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
246	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	70.0	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	20.8
246	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	70.0	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.9
246	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	70.0	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	29.6
246	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	70.0	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	30.6
246	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	70.0	3.3	-3.0	0.0	0.0	0.0	0.0	0.0	30.7
246	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	70.0	8.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.8
246	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	70.0	29.2	-3.0	0.0	0.0	0.0	0.0	0.0	0.4
246	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	70.0	104.1	-3.0	0.0	0.0	0.0	0.0	0.0	-85.3

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
247	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	73.3	0.2	-3.0	0.0	0.0	4.7	0.0	0.0	14.8
247	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	73.3	0.5	-3.0	0.0	0.0	4.7	0.0	0.0	20.6
247	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	73.3	1.4	-3.0	0.0	0.0	4.5	0.0	0.0	23.7
247	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	73.3	2.5	-3.0	0.0	0.0	4.3	0.0	0.0	25.4
247	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	73.3	4.7	-3.0	0.0	0.0	3.7	0.0	0.0	24.4
247	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	73.3	12.5	-3.0	0.0	0.0	2.3	0.0	0.0	15.5
247	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	73.3	42.5	-3.0	0.0	0.0	0.0	0.0	0.0	-19.7
247	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	73.3	151.6	-3.0	0.0	0.0	0.0	0.0	0.0	-136.9

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
250	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
250	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
250	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
250	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	13.1
250	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.2
250	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.8	26.7	-3.0	0.0	0.0	4.8	0.0	0.0	-6.3
250	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.8	90.5	-3.0	0.0	0.0	4.8	0.0	0.0	-76.7
250	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.8	322.7	-3.0	0.0	0.0	4.8	0.0	0.0	-319.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
255	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
255	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.1
255	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.9	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
255	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.9	8.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
255	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.9	16.1	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
255	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.9	42.4	-3.0	0.0	0.0	4.8	0.0	0.0	-26.1
255	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.9	143.9	-3.0	0.0	0.0	4.8	0.0	0.0	-134.2
255	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.9	513.4	-3.0	0.0	0.0	4.8	0.0	0.0	-513.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
260	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
260	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
260	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.7	5.1	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
260	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.7	9.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
260	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.7	17.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
260	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.7	46.9	-3.0	0.0	0.0	4.8	0.0	0.0	-31.4
260	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.7	159.1	-3.0	0.0	0.0	4.8	0.0	0.0	-150.2
260	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.7	567.4	-3.0	0.0	0.0	4.8	0.0	0.0	-568.8

Immissionspunkt
 Bez.: IP43 - Apollmicke 3 (Nord), 57462 Olpe
 ID: !02!
 X: 427870.76 m
 Y: 5657217.51 m
 Z: 489.40 m

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
249	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	68.3	0.1	-3.0	0.0	0.0	6.5	0.0	0.0	16.0
249	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	68.3	0.3	-3.0	0.0	0.0	8.9	0.0	0.0	17.8
249	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	68.3	0.8	-3.0	0.0	0.0	11.5	0.0	0.0	19.9
249	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	68.3	1.4	-3.0	0.0	0.0	14.3	0.0	0.0	18.2
249	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	68.3	2.7	-3.0	0.0	0.0	17.2	0.0	0.0	15.7
249	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	68.3	7.1	-3.0	0.0	0.0	18.4	0.0	0.0	9.6
249	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	68.3	24.0	-3.0	0.0	0.0	19.1	0.0	0.0	-11.9
249	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	68.3	85.7	-3.0	0.0	0.0	19.5	0.0	0.0	-84.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
252	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	70.2	0.1	-3.0	0.0	0.0	4.5	0.0	0.0	16.1
252	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	70.2	0.4	-3.0	0.0	0.0	6.1	0.0	0.0	18.6
252	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	70.2	0.9	-3.0	0.0	0.0	8.2	0.0	0.0	21.2
252	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	70.2	1.8	-3.0	0.0	0.0	10.6	0.0	0.0	19.8
252	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	70.2	3.3	-3.0	0.0	0.0	13.3	0.0	0.0	17.2
252	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	70.2	8.8	-3.0	0.0	0.0	15.5	0.0	0.0	9.0
252	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	70.2	29.8	-3.0	0.0	0.0	17.1	0.0	0.0	-17.5
252	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	70.2	106.2	-3.0	0.0	0.0	18.3	0.0	0.0	-105.9

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
253	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	73.4	0.2	-3.0	0.0	0.0	9.3	0.0	0.0	10.1
253	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	73.4	0.5	-3.0	0.0	0.0	11.4	0.0	0.0	13.7
253	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	73.4	1.4	-3.0	0.0	0.0	13.9	0.0	0.0	14.1
253	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	73.4	2.5	-3.0	0.0	0.0	16.7	0.0	0.0	12.8
253	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	73.4	4.8	-3.0	0.0	0.0	19.5	0.0	0.0	8.4
253	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	73.4	12.7	-3.0	0.0	0.0	20.0	0.0	0.0	-2.5
253	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	73.4	43.1	-3.0	0.0	0.0	20.0	0.0	0.0	-40.3
253	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	73.4	153.6	-3.0	0.0	0.0	20.0	0.0	0.0	-159.0

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
257	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.8	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
257	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.8	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
257	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.8	2.9	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
257	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.8	5.3	-3.0	0.0	0.0	4.8	0.0	0.0	13.1
257	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.8	10.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.2
257	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.8	26.7	-3.0	0.0	0.0	4.8	0.0	0.0	-6.3
257	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.8	90.5	-3.0	0.0	0.0	4.8	0.0	0.0	-76.7
257	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.8	322.7	-3.0	0.0	0.0	4.8	0.0	0.0	-319.2

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
259	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
259	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.1
259	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.9	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
259	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.9	8.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
259	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.9	16.1	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
259	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.9	42.5	-3.0	0.0	0.0	4.8	0.0	0.0	-26.1
259	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.9	144.1	-3.0	0.0	0.0	4.8	0.0	0.0	-134.3
259	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.9	513.8	-3.0	0.0	0.0	4.8	0.0	0.0	-514.3

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
262	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
262	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
262	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.7	5.1	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
262	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.7	9.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
262	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.7	17.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
262	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.7	47.0	-3.0	0.0	0.0	4.8	0.0	0.0	-31.5
262	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.7	159.2	-3.0	0.0	0.0	4.8	0.0	0.0	-150.3
262	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.7	567.8	-3.0	0.0	0.0	4.8	0.0	0.0	-569.2

Immissionspunkt
 Bez.: IP44 - Apollmicke 2, 57462 Olpe
 ID: !02!
 X: 427890.58 m
 Y: 5657265.98 m
 Z: 486.96 m

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
254	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	68.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	21.9
254	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	68.9	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.1
254	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	68.9	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.8
254	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	68.9	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	31.9
254	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	68.9	2.9	-3.0	0.0	0.0	0.0	0.0	0.0	32.2
254	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	68.9	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	27.0
254	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	68.9	25.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.1
254	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	68.9	91.3	-3.0	0.0	0.0	0.0	0.0	0.0	-71.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
256	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	70.5	0.1	-3.0	0.0	0.0	2.8	0.0	0.0	17.5
256	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	70.5	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	24.4
256	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	70.5	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	29.0
256	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	70.5	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	30.0
256	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	70.5	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	29.9
256	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	70.5	9.1	-3.0	0.0	0.0	0.0	0.0	0.0	23.7
256	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	70.5	31.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.9
256	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	70.5	110.6	-3.0	0.0	0.0	0.0	0.0	0.0	-92.3

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
258	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	73.7	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	19.1
258	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	73.7	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	24.8
258	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	73.7	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	27.7
258	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	73.7	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	29.1
258	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	73.7	5.0	-3.0	0.0	0.0	0.0	0.0	0.0	27.5
258	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	73.7	13.1	-3.0	0.0	0.0	0.0	0.0	0.0	16.8
258	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	73.7	44.6	-3.0	0.0	0.0	0.0	0.0	0.0	-22.1
258	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	73.7	158.9	-3.0	0.0	0.0	0.0	0.0	0.0	-144.6

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
268	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.7	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	6.8
268	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.7	1.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.9
268	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.7	2.8	-3.0	0.0	0.0	4.8	0.0	0.0	13.9
268	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.7	5.2	-3.0	0.0	0.0	4.8	0.0	0.0	13.3
268	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.7	9.9	-3.0	0.0	0.0	4.8	0.0	0.0	12.5
268	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.7	26.3	-3.0	0.0	0.0	4.8	0.0	0.0	-5.8
268	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.7	89.1	-3.0	0.0	0.0	4.8	0.0	0.0	-75.2
268	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.7	317.9	-3.0	0.0	0.0	4.8	0.0	0.0	-314.3

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
271	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.8	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.5
271	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.8	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.1
271	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.8	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	8.1
271	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.8	8.4	-3.0	0.0	0.0	4.8	0.0	0.0	6.0
271	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.8	16.0	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
271	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.8	42.2	-3.0	0.0	0.0	4.8	0.0	0.0	-25.8
271	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.8	142.9	-3.0	0.0	0.0	4.9	0.0	0.0	-133.2
271	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.8	509.8	-3.0	0.0	0.0	4.9	0.0	0.0	-510.4

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
275	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.6
275	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
275	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.7	5.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
275	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.7	9.3	-3.0	0.0	0.0	4.8	0.0	0.0	4.3
275	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.7	17.6	-3.0	0.0	0.0	4.8	0.0	0.0	-0.2
275	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.7	46.6	-3.0	0.0	0.0	4.8	0.0	0.0	-31.1
275	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.7	158.1	-3.0	0.0	0.0	4.8	0.0	0.0	-149.2
275	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.7	563.9	-3.0	0.0	0.0	4.8	0.0	0.0	-565.3

Immissionspunkt
 Bez.: IP45 - Schmellenberg 3, 57368 Lennestadt
 ID: !02!
 X: 427638.14 m
 Y: 5658759.89 m
 Z: 454.00 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
261	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.4	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
261	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.4	1.1	-3.0	0.0	0.0	4.7	0.0	0.0	13.3
261	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.4	2.8	-3.0	0.0	0.0	4.7	0.0	0.0	14.3
261	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.4	5.1	-3.0	0.0	0.0	4.6	0.0	0.0	13.9
261	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.4	9.7	-3.0	0.0	0.0	4.4	0.0	0.0	13.4
261	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.4	25.5	-3.0	0.0	0.0	4.1	0.0	0.0	-4.0
261	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.4	86.5	-3.0	0.0	0.0	3.2	0.0	0.0	-70.7
261	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.4	308.4	-3.0	0.0	0.0	0.7	0.0	0.0	-300.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
263	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.5
263	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.1	0.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
263	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.1	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	20.0
263	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.1	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.8
263	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.1	8.3	-3.0	0.0	0.0	0.0	0.0	0.0	17.5
263	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.1	21.9	-3.0	0.0	0.0	0.0	0.0	0.0	3.3
263	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.1	74.4	-3.0	0.0	0.0	0.0	0.0	0.0	-52.9
263	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.1	265.4	-3.0	0.0	0.0	0.0	0.0	0.0	-254.7

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
265	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	80.2	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.6
265	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	80.2	1.2	-3.0	0.0	0.0	4.7	0.0	0.0	12.9
265	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	80.2	3.0	-3.0	0.0	0.0	4.7	0.0	0.0	14.9
265	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	80.2	5.5	-3.0	0.0	0.0	4.6	0.0	0.0	15.1
265	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	80.2	10.5	-3.0	0.0	0.0	4.5	0.0	0.0	11.0
265	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	80.2	27.7	-3.0	0.0	0.0	4.2	0.0	0.0	-8.5
265	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	80.2	94.0	-3.0	0.0	0.0	3.6	0.0	0.0	-81.6
265	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	80.2	335.3	-3.0	0.0	0.0	1.9	0.0	0.0	-329.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
270	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.8	0.3	-3.0	0.0	0.0	1.6	0.0	0.0	10.2
270	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.8	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
270	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.8	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	19.2
270	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.8	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	18.8
270	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.8	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.2
270	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.8	23.6	-3.0	0.0	0.0	0.0	0.0	0.0	1.1
270	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.8	80.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.1
270	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.8	285.3	-3.0	0.0	0.0	0.0	0.0	0.0	-275.2

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
273	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
273	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.1
273	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.9	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
273	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.9	8.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.9
273	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.9	16.1	-3.0	0.0	0.0	4.8	0.0	0.0	2.2
273	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.9	42.4	-3.0	0.0	0.0	4.8	0.0	0.0	-26.1
273	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.9	143.9	-3.0	0.0	0.0	4.8	0.0	0.0	-134.1
273	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.9	513.2	-3.0	0.0	0.0	4.8	0.0	0.0	-513.7

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
276	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.6
276	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.1
276	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.7	5.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
276	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.7	9.3	-3.0	0.0	0.0	4.8	0.0	0.0	4.2
276	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.7	17.7	-3.0	0.0	0.0	4.8	0.0	0.0	-0.2
276	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.7	46.7	-3.0	0.0	0.0	4.8	0.0	0.0	-31.2
276	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.7	158.4	-3.0	0.0	0.0	4.8	0.0	0.0	-149.5
276	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.7	565.1	-3.0	0.0	0.0	4.8	0.0	0.0	-566.5

Immissionspunkt
 Bez.: IP46 - Schmellenberg, 2, 57368 Lennestadt
 ID: !02!
 X: 427618.29 m
 Y: 5658790.84 m
 Z: 450.02 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
264	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.5	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
264	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.5	1.1	-3.0	0.0	0.0	4.7	0.0	0.0	13.2
264	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.5	2.8	-3.0	0.0	0.0	4.7	0.0	0.0	14.2
264	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.5	5.1	-3.0	0.0	0.0	4.7	0.0	0.0	13.7
264	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.5	9.7	-3.0	0.0	0.0	4.6	0.0	0.0	13.1
264	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.5	25.7	-3.0	0.0	0.0	4.4	0.0	0.0	-4.6
264	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.5	87.2	-3.0	0.0	0.0	4.0	0.0	0.0	-72.3
264	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.5	311.0	-3.0	0.0	0.0	3.0	0.0	0.0	-305.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
266	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.2	0.3	-3.0	0.0	0.0	3.8	0.0	0.0	8.6
266	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.2	0.9	-3.0	0.0	0.0	2.6	0.0	0.0	13.5
266	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.2	2.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.8
266	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.2	4.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.6
266	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.2	8.4	-3.0	0.0	0.0	0.0	0.0	0.0	17.2
266	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.2	22.3	-3.0	0.0	0.0	0.0	0.0	0.0	2.9
266	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.2	75.5	-3.0	0.0	0.0	0.0	0.0	0.0	-54.1
266	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.2	269.2	-3.0	0.0	0.0	0.0	0.0	0.0	-258.7

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
272	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	80.3	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	7.5
272	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	80.3	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	12.8
272	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	80.3	3.0	-3.0	0.0	0.0	4.8	0.0	0.0	14.7
272	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	80.3	5.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.8
272	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	80.3	10.6	-3.0	0.0	0.0	4.8	0.0	0.0	10.5
272	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	80.3	28.1	-3.0	0.0	0.0	4.8	0.0	0.0	-9.5
272	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	80.3	95.1	-3.0	0.0	0.0	4.8	0.0	0.0	-84.1
272	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	80.3	339.3	-3.0	0.0	0.0	4.8	0.0	0.0	-336.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
274	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
274	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	10.6
274	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.3
274	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	4.8	0.0	0.0	13.9
274	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	4.8	0.0	0.0	11.2
274	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	78.9	23.9	-3.0	0.0	0.0	4.8	0.0	0.0	-4.2
274	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	78.9	81.1	-3.0	0.0	0.0	4.8	0.0	0.0	-65.2
274	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	78.9	289.4	-3.0	0.0	0.0	4.9	0.0	0.0	-284.4

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
277	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.4
277	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.0
277	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.9	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
277	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.9	8.5	-3.0	0.0	0.0	4.8	0.0	0.0	5.8
277	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.9	16.1	-3.0	0.0	0.0	4.8	0.0	0.0	2.1
277	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.9	42.6	-3.0	0.0	0.0	4.8	0.0	0.0	-26.3
277	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.9	144.6	-3.0	0.0	0.0	4.8	0.0	0.0	-134.8
277	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.9	515.7	-3.0	0.0	0.0	4.8	0.0	0.0	-516.2

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
280	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.7	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	1.5
280	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.7	2.0	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
280	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.7	5.1	-3.0	0.0	0.0	4.8	0.0	0.0	6.6
280	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.7	9.4	-3.0	0.0	0.0	4.8	0.0	0.0	4.1
280	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.7	17.8	-3.0	0.0	0.0	4.8	0.0	0.0	-0.4
280	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.7	46.9	-3.0	0.0	0.0	4.8	0.0	0.0	-31.4
280	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.7	159.1	-3.0	0.0	0.0	4.8	0.0	0.0	-150.2
280	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.7	567.4	-3.0	0.0	0.0	4.8	0.0	0.0	-568.8

Immissionspunkt
 Bez.: IP47 - Bruchhausen 9, 57368 Lennestadt
 ID: !02!
 X: 427920.71 m
 Y: 5659457.05 m
 Z: 389.96 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
267	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.5
267	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	4.8	0.0	0.0	13.7
267	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	4.8	0.0	0.0	14.8
267	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.0	4.9	-3.0	0.0	0.0	4.8	0.0	0.0	14.3
267	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	4.8	0.0	0.0	13.9
267	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	4.8	0.0	0.0	-3.2
267	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.0	82.5	-3.0	0.0	0.0	4.9	0.0	0.0	-68.0
267	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.0	294.1	-3.0	0.0	0.0	5.1	0.0	0.0	-290.1

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
269	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	82.0	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.7
269	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	82.0	1.5	-3.0	0.0	0.0	4.8	0.0	0.0	10.8
269	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	82.0	3.7	-3.0	0.0	0.0	4.8	0.0	0.0	12.3
269	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	82.0	6.8	-3.0	0.0	0.0	4.8	0.0	0.0	11.8
269	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	82.0	13.0	-3.0	0.0	0.0	4.8	0.0	0.0	6.4
269	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	82.0	34.2	-3.0	0.0	0.0	4.8	0.0	0.0	-17.4
269	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	82.0	116.1	-3.0	0.0	0.0	4.8	0.0	0.0	-106.7
269	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	82.0	414.0	-3.0	0.0	0.0	4.8	0.0	0.0	-412.8

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
278	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.4	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.3
278	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.4	1.2	-3.0	0.0	0.0	4.8	0.0	0.0	8.9
278	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.4	3.1	-3.0	0.0	0.0	4.8	0.0	0.0	12.2
278	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.4	5.7	-3.0	0.0	0.0	4.8	0.0	0.0	11.4
278	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.4	10.8	-3.0	0.0	0.0	4.8	0.0	0.0	7.9
278	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.4	28.6	-3.0	0.0	0.0	4.8	0.0	0.0	-10.4
278	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.4	97.1	-3.0	0.0	0.0	4.8	0.0	0.0	-82.7
278	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.4	346.2	-3.0	0.0	0.0	4.8	0.0	0.0	-342.6

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
281	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	80.8	0.4	-3.0	0.0	0.0	4.8	0.0	0.0	5.0
281	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	80.8	1.3	-3.0	0.0	0.0	4.8	0.0	0.0	8.5
281	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	80.8	3.2	-3.0	0.0	0.0	4.8	0.0	0.0	11.7
281	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	80.8	5.9	-3.0	0.0	0.0	4.8	0.0	0.0	10.8
281	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	80.8	11.3	-3.0	0.0	0.0	4.8	0.0	0.0	7.0
281	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	80.8	29.8	-3.0	0.0	0.0	4.8	0.0	0.0	-12.0
281	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	80.8	101.1	-3.0	0.0	0.0	4.8	0.0	0.0	-87.1
281	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	80.8	360.7	-3.0	0.0	0.0	4.8	0.0	0.0	-357.5

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
284	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	83.4	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	2.9
284	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	83.4	1.7	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
284	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	83.4	4.4	-3.0	0.0	0.0	4.8	0.0	0.0	8.6
284	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	83.4	8.1	-3.0	0.0	0.0	4.8	0.0	0.0	6.7
284	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	83.4	15.3	-3.0	0.0	0.0	4.8	0.0	0.0	3.4
284	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	83.4	40.5	-3.0	0.0	0.0	4.8	0.0	0.0	-23.7
284	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	83.4	137.3	-3.0	0.0	0.0	4.8	0.0	0.0	-127.1
284	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	83.4	489.8	-3.0	0.0	0.0	4.8	0.0	0.0	-489.9

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
288	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.3	0.6	-3.0	0.0	0.0	4.8	0.0	0.0	2.0
288	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.3	1.9	-3.0	0.0	0.0	4.8	0.0	0.0	7.6
288	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.3	4.8	-3.0	0.0	0.0	4.8	0.0	0.0	7.4
288	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.3	8.9	-3.0	0.0	0.0	4.8	0.0	0.0	5.1
288	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.3	16.9	-3.0	0.0	0.0	4.8	0.0	0.0	1.0
288	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.3	44.5	-3.0	0.0	0.0	4.8	0.0	0.0	-28.6
288	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.3	151.0	-3.0	0.0	0.0	4.8	0.0	0.0	-141.6
288	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.3	538.5	-3.0	0.0	0.0	4.8	0.0	0.0	-539.5

Immissionspunkt
 Bez.: IP48 - Wißbergstraße 40, 57368 Lennestadt
 ID: !02!
 X: 429172.40 m
 Y: 5660310.23 m
 Z: 382.20 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
279	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.3	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	14.0
279	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.3	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.3
279	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.3	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
279	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.3	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	21.7
279	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.3	7.6	-3.0	0.0	0.0	0.0	0.0	0.0	22.0
279	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.3	20.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.7
279	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.3	67.7	-3.0	0.0	0.0	0.0	0.0	0.0	-46.6
279	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.3	241.6	-3.0	0.0	0.0	0.0	0.0	0.0	-230.8

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
283	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.4	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	9.8
283	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.4	1.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.7
283	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.4	3.5	-3.0	0.0	0.0	0.0	0.0	0.0	16.3
283	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.4	6.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.2
283	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.4	12.1	-3.0	0.0	0.0	0.0	0.0	0.0	13.4
283	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.4	32.0	-3.0	0.0	0.0	0.0	0.0	0.0	-8.4
283	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.4	108.6	-3.0	0.0	0.0	0.0	0.0	0.0	-91.6
283	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.4	387.2	-3.0	0.0	0.0	0.0	0.0	0.0	-380.5

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "!03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
287	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.9
287	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	14.8
287	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.2	3.8	-3.0	0.0	0.0	0.0	0.0	0.0	15.2
287	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.2	7.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.7
287	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.2	13.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.3
287	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.2	35.3	-3.0	0.0	0.0	0.0	0.0	0.0	-12.5
287	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.2	119.6	-3.0	0.0	0.0	0.0	0.0	0.0	-103.4
287	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.2	426.5	-3.0	0.0	0.0	0.0	0.0	0.0	-420.6

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
291	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	84.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	8.2
291	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	84.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
291	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	84.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
291	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	84.1	8.7	-3.0	0.0	0.0	0.0	0.0	0.0	12.5
291	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	84.1	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.4
291	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	84.1	43.8	-3.0	0.0	0.0	0.0	0.0	0.0	-24.3
291	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	84.1	148.6	-3.0	0.0	0.0	0.0	0.0	0.0	-136.6
291	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	84.1	529.9	-3.0	0.0	0.0	0.0	0.0	0.0	-526.0

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
294	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	83.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.3
294	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	83.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
294	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	83.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2
294	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	83.1	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	11.4
294	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	83.1	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	6.0
294	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	83.1	39.0	-3.0	0.0	0.0	0.0	0.0	0.0	-18.7
294	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	83.1	132.3	-3.0	0.0	0.0	0.0	0.0	0.0	-115.8
294	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	83.1	471.8	-3.0	0.0	0.0	0.0	0.0	0.0	-466.1

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
297	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	83.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.3
297	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	83.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
297	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	83.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.2
297	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	83.1	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	11.4
297	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	83.1	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	6.0
297	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	83.1	39.0	-3.0	0.0	0.0	0.0	0.0	0.0	-18.7
297	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	83.1	132.3	-3.0	0.0	0.0	0.0	0.0	0.0	-115.9
297	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	83.1	472.0	-3.0	0.0	0.0	0.0	0.0	0.0	-466.3

Immissionspunkt
 Bez.: IP49 - Fl. Stk. 319, 57368 Lennestadt
 ID: !02!
 X: 429261.26 m
 Y: 5660292.13 m
 Z: 382.70 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
282	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	77.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	14.3
282	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	77.0	0.8	-3.0	0.0	0.0	0.0	0.0	0.0	20.6
282	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	77.0	2.1	-3.0	0.0	0.0	0.0	0.0	0.0	22.1
282	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	77.0	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	22.1
282	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	77.0	7.3	-3.0	0.0	0.0	0.0	0.0	0.0	22.5
282	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	77.0	19.4	-3.0	0.0	0.0	0.0	0.0	0.0	8.6
282	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	77.0	65.7	-3.0	0.0	0.0	0.0	0.0	0.0	-44.4
282	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	77.0	234.5	-3.0	0.0	0.0	0.0	0.0	0.0	-223.4

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
285	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	81.2	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	10.0
285	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	81.2	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	16.0
285	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	81.2	3.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.7
285	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	81.2	6.2	-3.0	0.0	0.0	0.0	0.0	0.0	15.6
285	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	81.2	11.8	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
285	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	81.2	31.2	-3.0	0.0	0.0	0.0	0.0	0.0	-7.4
285	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	81.2	105.8	-3.0	0.0	0.0	0.0	0.0	0.0	-88.5
285	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	81.2	377.2	-3.0	0.0	0.0	0.0	0.0	0.0	-370.3

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
289	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	82.0	0.4	-3.0	0.0	0.0	1.2	0.0	0.0	7.9
289	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	82.0	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	15.0
289	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	82.0	3.7	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
289	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	82.0	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	14.1
289	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	82.0	13.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.8
289	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	82.0	34.4	-3.0	0.0	0.0	0.0	0.0	0.0	-11.4
289	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	82.0	116.7	-3.0	0.0	0.0	0.0	0.0	0.0	-100.3
289	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	82.0	416.2	-3.0	0.0	0.0	0.0	0.0	0.0	-410.1

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
293	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	84.1	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	8.2
293	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	84.1	1.9	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
293	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	84.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.9
293	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	84.1	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	12.5
293	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	84.1	16.6	-3.0	0.0	0.0	0.0	0.0	0.0	5.4
293	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	84.1	43.9	-3.0	0.0	0.0	0.0	0.0	0.0	-24.4
293	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	84.1	148.7	-3.0	0.0	0.0	0.0	0.0	0.0	-136.8
293	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	84.1	530.5	-3.0	0.0	0.0	0.0	0.0	0.0	-526.7

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
300	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	83.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.3
300	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	83.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
300	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	83.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1
300	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	83.1	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	11.4
300	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	83.1	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	6.0
300	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	83.1	39.1	-3.0	0.0	0.0	0.0	0.0	0.0	-18.8
300	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	83.1	132.5	-3.0	0.0	0.0	0.0	0.0	0.0	-116.0
300	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	83.1	472.5	-3.0	0.0	0.0	0.0	0.0	0.0	-466.9

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
302	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	83.1	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	7.3
302	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	83.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	10.5
302	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	83.1	4.2	-3.0	0.0	0.0	0.0	0.0	0.0	13.1
302	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	83.1	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	11.3
302	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	83.1	14.8	-3.0	0.0	0.0	0.0	0.0	0.0	5.9
302	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	83.1	39.1	-3.0	0.0	0.0	0.0	0.0	0.0	-18.9
302	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	83.1	132.7	-3.0	0.0	0.0	0.0	0.0	0.0	-116.2
302	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	83.1	473.3	-3.0	0.0	0.0	0.0	0.0	0.0	-467.7

Immissionspunkt
 Bez.: IP50 - Im Alten Hof 16, 57368 Lennestadt
 ID: !02!
 X: 429878.56 m
 Y: 5659920.43 m
 Z: 354.32 m

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
286	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	74.2	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.3
286	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	74.2	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	23.8
286	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	74.2	1.5	-3.0	0.0	0.0	0.0	0.0	0.0	25.5
286	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	74.2	2.8	-3.0	0.0	0.0	0.0	0.0	0.0	26.1
286	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	74.2	5.3	-3.0	0.0	0.0	0.0	0.0	0.0	27.5
286	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	74.2	13.9	-3.0	0.0	0.0	0.0	0.0	0.0	16.9
286	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	74.2	47.1	-3.0	0.0	0.0	0.0	0.0	0.0	-22.9
286	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	74.2	168.1	-3.0	0.0	0.0	0.0	0.0	0.0	-154.1

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
290	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	79.0	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	12.3
290	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	79.0	1.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.5
290	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	79.0	2.6	-3.0	0.0	0.0	0.0	0.0	0.0	19.6
290	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	79.0	4.9	-3.0	0.0	0.0	0.0	0.0	0.0	19.1
290	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	79.0	9.2	-3.0	0.0	0.0	0.0	0.0	0.0	18.7
290	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	79.0	24.3	-3.0	0.0	0.0	0.0	0.0	0.0	1.7
290	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	79.0	82.5	-3.0	0.0	0.0	0.0	0.0	0.0	-63.1
290	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	79.0	294.1	-3.0	0.0	0.0	0.0	0.0	0.0	-285.0

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
292	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.1	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	11.1
292	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.1	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	17.2
292	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.1	3.0	-3.0	0.0	0.0	0.0	0.0	0.0	18.1
292	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.1	5.5	-3.0	0.0	0.0	0.0	0.0	0.0	17.4
292	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.1	10.4	-3.0	0.0	0.0	0.0	0.0	0.0	16.4
292	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.1	27.6	-3.0	0.0	0.0	0.0	0.0	0.0	-2.7
292	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.1	93.5	-3.0	0.0	0.0	0.0	0.0	0.0	-75.2
292	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.1	333.5	-3.0	0.0	0.0	0.0	0.0	0.0	-325.5

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
295	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	83.9	0.5	-3.0	0.0	0.0	4.8	0.0	0.0	3.7
295	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	83.9	1.8	-3.0	0.0	0.0	4.8	0.0	0.0	8.5
295	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	83.9	4.6	-3.0	0.0	0.0	4.8	0.0	0.0	9.6
295	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	83.9	8.5	-3.0	0.0	0.0	4.8	0.0	0.0	8.3
295	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	83.9	16.1	-3.0	0.0	0.0	4.8	0.0	0.0	1.3
295	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	83.9	42.6	-3.0	0.0	0.0	4.8	0.0	0.0	-27.6
295	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	83.9	144.3	-3.0	0.0	0.0	4.8	0.0	0.0	-136.9
295	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	83.9	514.7	-3.0	0.0	0.0	4.8	0.0	0.0	-515.4

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
298	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	82.8	0.5	-3.0	0.0	0.0	5.5	0.0	0.0	2.1
298	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	82.8	1.6	-3.0	0.0	0.0	6.0	0.0	0.0	4.8
298	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	82.8	4.1	-3.0	0.0	0.0	7.0	0.0	0.0	6.6
298	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	82.8	7.5	-3.0	0.0	0.0	8.5	0.0	0.0	3.4
298	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	82.8	14.3	-3.0	0.0	0.0	10.5	0.0	0.0	-3.7
298	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	82.8	37.8	-3.0	0.0	0.0	12.9	0.0	0.0	-30.1
298	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	82.8	128.1	-3.0	0.0	0.0	15.5	0.0	0.0	-126.8
298	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	82.8	456.9	-3.0	0.0	0.0	18.3	0.0	0.0	-469.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "!01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
299	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	83.0	0.5	-3.0	0.0	0.0	8.4	0.0	0.0	-1.0
299	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	83.0	1.6	-3.0	0.0	0.0	10.3	0.0	0.0	0.4
299	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	83.0	4.2	-3.0	0.0	0.0	12.7	0.0	0.0	0.7
299	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	83.0	7.7	-3.0	0.0	0.0	15.3	0.0	0.0	-3.7
299	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	83.0	14.6	-3.0	0.0	0.0	18.1	0.0	0.0	-11.8
299	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	83.0	38.5	-3.0	0.0	0.0	21.0	0.0	0.0	-39.1
299	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	83.0	130.6	-3.0	0.0	0.0	24.0	0.0	0.0	-137.9
299	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	83.0	465.7	-3.0	0.0	0.0	25.0	0.0	0.0	-484.9

Immissionspunkt
 Bez.: IP94 - Am Rüberg 45, 57368 Lennestadt
 ID: !02!
 X: 434295.31 m
 Y: 5660392.33 m
 Z: 314.04 m

Punktquelle nach ISO 9613, Bez: "WEA07 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
296	432464.00	5658779.00	748.01	0	DEN	63	88.6	0.0	0.0	0.0	0.0	78.9	0.3	-3.0	0.0	0.0	5.4	0.0	0.0	7.0
296	432464.00	5658779.00	748.01	0	DEN	125	95.5	0.0	0.0	0.0	0.0	78.9	1.0	-3.0	0.0	0.0	6.0	0.0	0.0	12.6
296	432464.00	5658779.00	748.01	0	DEN	250	98.2	0.0	0.0	0.0	0.0	78.9	2.6	-3.0	0.0	0.0	6.9	0.0	0.0	12.8
296	432464.00	5658779.00	748.01	0	DEN	500	100.0	0.0	0.0	0.0	0.0	78.9	4.8	-3.0	0.0	0.0	8.3	0.0	0.0	11.0
296	432464.00	5658779.00	748.01	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	78.9	9.1	-3.0	0.0	0.0	10.2	0.0	0.0	8.7
296	432464.00	5658779.00	748.01	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	78.9	24.0	-3.0	0.0	0.0	12.6	0.0	0.0	-10.4
296	432464.00	5658779.00	748.01	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	78.9	81.2	-3.0	0.0	0.0	15.2	0.0	0.0	-76.9
296	432464.00	5658779.00	748.01	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	78.9	289.7	-3.0	0.0	0.0	18.0	0.0	0.0	-298.5

Punktquelle nach ISO 9613, Bez: "WEA06 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
301	432019.00	5658652.00	730.67	0	DEN	63	88.6	0.0	0.0	0.0	0.0	80.2	0.4	-3.0	0.0	0.0	6.3	0.0	0.0	4.8
301	432019.00	5658652.00	730.67	0	DEN	125	95.5	0.0	0.0	0.0	0.0	80.2	1.2	-3.0	0.0	0.0	7.4	0.0	0.0	9.7
301	432019.00	5658652.00	730.67	0	DEN	250	98.2	0.0	0.0	0.0	0.0	80.2	3.0	-3.0	0.0	0.0	9.0	0.0	0.0	9.0
301	432019.00	5658652.00	730.67	0	DEN	500	100.0	0.0	0.0	0.0	0.0	80.2	5.6	-3.0	0.0	0.0	11.1	0.0	0.0	6.1
301	432019.00	5658652.00	730.67	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	80.2	10.6	-3.0	0.0	0.0	13.5	0.0	0.0	2.5
301	432019.00	5658652.00	730.67	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	80.2	28.0	-3.0	0.0	0.0	16.2	0.0	0.0	-19.5
301	432019.00	5658652.00	730.67	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	80.2	94.9	-3.0	0.0	0.0	19.1	0.0	0.0	-95.8
301	432019.00	5658652.00	730.67	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	80.2	338.4	-3.0	0.0	0.0	22.0	0.0	0.0	-352.6

Punktquelle nach ISO 9613, Bez: "WEA02 - SG-170 5.x NH 165", ID: "I03!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
303	430256.00	5658586.00	735.00	0	DEN	63	88.6	0.0	0.0	0.0	0.0	84.0	0.5	-3.0	0.0	0.0	5.3	0.0	0.0	1.8
303	430256.00	5658586.00	735.00	0	DEN	125	95.5	0.0	0.0	0.0	0.0	84.0	1.8	-3.0	0.0	0.0	5.8	0.0	0.0	6.9
303	430256.00	5658586.00	735.00	0	DEN	250	98.2	0.0	0.0	0.0	0.0	84.0	4.6	-3.0	0.0	0.0	6.7	0.0	0.0	5.9
303	430256.00	5658586.00	735.00	0	DEN	500	100.0	0.0	0.0	0.0	0.0	84.0	8.6	-3.0	0.0	0.0	8.0	0.0	0.0	2.4
303	430256.00	5658586.00	735.00	0	DEN	1000	103.9	0.0	0.0	0.0	0.0	84.0	16.3	-3.0	0.0	0.0	9.9	0.0	0.0	-3.2
303	430256.00	5658586.00	735.00	0	DEN	2000	102.0	0.0	0.0	0.0	0.0	84.0	43.0	-3.0	0.0	0.0	12.1	0.0	0.0	-34.1
303	430256.00	5658586.00	735.00	0	DEN	4000	95.4	0.0	0.0	0.0	0.0	84.0	145.7	-3.0	0.0	0.0	14.7	0.0	0.0	-146.0
303	430256.00	5658586.00	735.00	0	DEN	8000	85.1	0.0	0.0	0.0	0.0	84.0	519.5	-3.0	0.0	0.0	17.5	0.0	0.0	-532.9

Punktquelle nach ISO 9613, Bez: "Rahrbach II - WEA01 - N149 4.5", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
304	428046.00	5655929.00	679.05	0	DEN	63	89.9	0.0	0.0	0.0	0.0	88.7	0.9	-3.0	0.0	0.0	5.1	0.0	0.0	-1.8
304	428046.00	5655929.00	679.05	0	DEN	125	96.0	0.0	0.0	0.0	0.0	88.7	3.2	-3.0	0.0	0.0	5.4	0.0	0.0	1.7
304	428046.00	5655929.00	679.05	0	DEN	250	99.8	0.0	0.0	0.0	0.0	88.7	8.0	-3.0	0.0	0.0	5.9	0.0	0.0	0.1
304	428046.00	5655929.00	679.05	0	DEN	500	102.4	0.0	0.0	0.0	0.0	88.7	14.8	-3.0	0.0	0.0	6.9	0.0	0.0	-5.0
304	428046.00	5655929.00	679.05	0	DEN	1000	103.1	0.0	0.0	0.0	0.0	88.7	28.1	-3.0	0.0	0.0	8.3	0.0	0.0	-19.0
304	428046.00	5655929.00	679.05	0	DEN	2000	100.6	0.0	0.0	0.0	0.0	88.7	74.3	-3.0	0.0	0.0	10.2	0.0	0.0	-69.6
304	428046.00	5655929.00	679.05	0	DEN	4000	93.1	0.0	0.0	0.0	0.0	88.7	251.9	-3.0	0.0	0.0	12.5	0.0	0.0	-257.1
304	428046.00	5655929.00	679.05	0	DEN	8000	85.0	0.0	0.0	0.0	0.0	88.7	898.6	-3.0	0.0	0.0	15.2	0.0	0.0	-914.5

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA02 - N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	l/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
305	428214.00	5656399.00	683.12	0	DEN	63	87.9	0.0	0.0	0.0	0.0	88.2	0.9	-3.0	0.0	0.0	5.2	0.0	0.0	-3.5
305	428214.00	5656399.00	683.12	0	DEN	125	92.3	0.0	0.0	0.0	0.0	88.2	3.0	-3.0	0.0	0.0	5.6	0.0	0.0	-1.6
305	428214.00	5656399.00	683.12	0	DEN	250	97.5	0.0	0.0	0.0	0.0	88.2	7.6	-3.0	0.0	0.0	6.3	0.0	0.0	-1.7
305	428214.00	5656399.00	683.12	0	DEN	500	99.3	0.0	0.0	0.0	0.0	88.2	14.0	-3.0	0.0	0.0	7.5	0.0	0.0	-7.5
305	428214.00	5656399.00	683.12	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	88.2	26.6	-3.0	0.0	0.0	9.1	0.0	0.0	-20.1
305	428214.00	5656399.00	683.12	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	88.2	70.4	-3.0	0.0	0.0	11.2	0.0	0.0	-66.5
305	428214.00	5656399.00	683.12	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	88.2	238.7	-3.0	0.0	0.0	13.7	0.0	0.0	-241.1
305	428214.00	5656399.00	683.12	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	88.2	851.4	-3.0	0.0	0.0	16.5	0.0	0.0	-867.3

Punktquelle nach ISO 9613, Bez: "Rahrbach I - WEA01 N117 2400", ID: "I01!"																				
Nr.	X	Y	Z	Refl.	OVG	Freq.	Lw	I/a	EinwZeit	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
306	427845.00	5656510.00	679.40	0	DEN	63	87.9	0.0	0.0	0.0	0.0	88.5	0.9	-3.0	0.0	0.0	5.4	0.0	0.0	-3.9
306	427845.00	5656510.00	679.40	0	DEN	125	92.3	0.0	0.0	0.0	0.0	88.5	3.1	-3.0	0.0	0.0	5.9	0.0	0.0	-2.2
306	427845.00	5656510.00	679.40	0	DEN	250	97.5	0.0	0.0	0.0	0.0	88.5	7.9	-3.0	0.0	0.0	6.7	0.0	0.0	-2.7
306	427845.00	5656510.00	679.40	0	DEN	500	99.3	0.0	0.0	0.0	0.0	88.5	14.5	-3.0	0.0	0.0	8.1	0.0	0.0	-8.9
306	427845.00	5656510.00	679.40	0	DEN	1000	100.9	0.0	0.0	0.0	0.0	88.5	27.6	-3.0	0.0	0.0	10.0	0.0	0.0	-22.2
306	427845.00	5656510.00	679.40	0	DEN	2000	100.4	0.0	0.0	0.0	0.0	88.5	72.8	-3.0	0.0	0.0	12.2	0.0	0.0	-70.2
306	427845.00	5656510.00	679.40	0	DEN	4000	96.6	0.0	0.0	0.0	0.0	88.5	247.0	-3.0	0.0	0.0	14.9	0.0	0.0	250.8
306	427845.00	5656510.00	679.40	0	DEN	8000	85.8	0.0	0.0	0.0	0.0	88.5	881.0	-3.0	0.0	0.0	17.6	0.0	0.0	898.4