

Immissionspunkt																					
Bez.: IO A1, Ärztehaus476																					
X: -2550.1																					
Y: 2292.6																					
Z: 304.0																					
Flächenquelle nach ISO 9613, Bez: "VMS, Testlauf im Freien (16 Panzer á 10 Minuten)"																					
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
47.0	-2519.0	1636.6	301.2	0.0	D	500.0	97.0	26.4	-6.9	3.0	0.0	67.3	1.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	46.3
49.0	-2519.2	1649.1	301.2	1.0	D	500.0	97.0	20.6	-6.9	3.0	0.0	67.2	1.2	4.7	0.0	0.0	0.0	0.0	0.0	1.0	39.6
55.0	-2467.1	1649.2	301.2	0.0	D	500.0	97.0	14.5	-6.9	3.0	0.0	67.2	1.3	4.7	0.0	0.0	17.4	0.0	0.0	0.0	17.1
57.0	-2483.2	1651.8	301.2	0.0	D	500.0	97.0	25.1	-6.9	3.0	0.0	67.2	1.2	4.7	0.0	0.0	16.9	0.0	0.0	0.0	28.2
59.0	-2510.0	1660.2	301.2	0.0	D	500.0	97.0	13.9	-6.9	3.0	0.0	67.0	1.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	34.1
74.0	-2513.8	1661.4	301.2	1.0	D	500.0	97.0	9.0	-6.9	3.0	0.0	67.1	1.2	4.7	0.0	0.0	0.0	0.0	0.0	1.0	28.2
81.0	-2499.4	1657.0	301.2	1.0	D	500.0	97.0	10.7	-6.9	3.0	0.0	67.5	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	29.4
86.0	-2481.0	1651.4	301.2	1.0	D	500.0	97.0	24.7	-6.9	3.0	0.0	67.5	1.3	4.7	0.0	0.0	11.5	0.0	0.0	1.0	31.8
94.0	-2467.8	1645.0	301.2	1.0	D	500.0	97.0	14.3	-6.9	3.0	0.0	67.5	1.3	4.7	0.0	0.0	12.4	0.0	0.0	1.0	20.6
96.0	-2467.0	1649.1	301.2	2.0	D	500.0	97.0	14.0	-6.9	3.0	0.0	67.9	1.4	4.7	0.0	0.0	6.2	0.0	0.0	2.0	24.9
101.0	-2478.6	1650.3	301.2	2.0	D	500.0	97.0	24.0	-6.9	3.0	0.0	67.9	1.3	4.7	0.0	0.0	6.0	0.0	0.0	2.0	35.2
104.0	-2492.9	1654.8	301.2	2.0	D	500.0	97.0	12.3	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	0.0	0.0	0.0	2.0	29.6
109.0	-2486.9	1653.2	301.2	3.0	D	500.0	97.0	13.2	-6.9	3.0	0.0	68.2	1.4	4.7	0.0	0.0	0.0	0.0	0.0	3.0	29.0
111.0	-2476.1	1649.9	301.2	3.0	D	500.0	97.0	23.1	-6.9	3.0	0.0	68.2	1.4	4.7	0.0	0.0	3.3	0.0	0.0	3.0	35.6
113.0	-2467.6	1644.9	301.2	3.0	D	500.0	97.0	13.8	-6.9	3.0	0.0	68.2	1.4	4.7	0.0	0.0	3.7	0.0	0.0	3.0	25.9
118.0	-2519.2	1602.6	301.2	0.0	D	500.0	97.0	20.6	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	39.9
121.0	-2512.6	1603.5	301.2	0.0	D	500.0	97.0	15.4	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	34.7
123.0	-2506.6	1601.3	301.2	0.0	D	500.0	97.0	20.4	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	13.3	0.0	0.0	0.0	26.4
124.0	-2493.0	1596.4	301.2	0.0	D	500.0	97.0	20.5	-6.9	3.0	0.0	67.9	1.3	4.7	0.0	0.0	18.1	0.0	0.0	0.0	21.7
126.0	-2520.5	1603.2	301.2	1.0	D	500.0	97.0	17.9	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	36.2
128.0	-2516.6	1604.3	301.2	1.0	D	500.0	97.0	11.8	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	30.1
141.0	-2492.4	1647.7	301.2	0.0	D	500.0	97.0	22.9	-6.9	3.0	0.0	67.2	1.2	4.7	0.0	0.0	14.4	0.0	0.0	0.0	28.5
143.0	-2506.6	1652.1	301.2	0.0	D	500.0	97.0	15.5	-6.9	3.0	0.0	67.1	1.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	35.6
144.0	-2510.9	1655.2	301.2	0.0	D	500.0	97.0	16.7	-6.9	3.0	0.0	67.1	1.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	36.8
146.0	-2516.0	1660.1	301.2	0.0	D	500.0	97.0	10.2	-6.9	3.0	0.0	67.0	1.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	30.4
148.0	-2514.8	1659.3	301.2	1.0	D	500.0	97.0	12.9	-6.9	3.0	0.0	67.1	1.2	4.7	0.0	0.0	0.0	0.0	0.0	1.0	32.1
155.0	-2489.9	1646.7	301.2	1.0	D	500.0	97.0	21.9	-6.9	3.0	0.0	67.4	1.3	4.7	0.0	0.0	12.8	0.0	0.0	1.0	27.9
157.0	-2502.3	1650.5	301.2	1.0	D	500.0	97.0	13.2	-6.9	3.0	0.0	67.4	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	32.0
159.0	-2483.3	1644.9	301.2	2.0	D	500.0	97.0	19.0	-6.9	3.0	0.0	68.0	1.4	4.7	0.0	0.0	5.1	0.0	0.0	2.0	31.0
160.0	-2492.6	1647.8	301.2	2.0	D	500.0	97.0	12.3	-6.9	3.0	0.0	67.9	1.4	4.7	0.0	0.0	0.0	0.0	0.0	2.0	29.5
164.0	-2481.4	1644.2	301.2	3.0	D	500.0	97.0	17.9	-6.9	3.0	0.0	68.1	1.4	4.7	0.0	0.0	3.9	0.0	0.0	3.0	30.0
165.0	-2489.7	1646.7	301.2	3.0	D	500.0	97.0	11.6	-6.9	3.0	0.0	68.1	1.4	4.7	0.0	0.0	0.0	0.0	0.0	3.0	27.6
170.0	-2476.2	1599.6	301.2	0.0	D	500.0	97.0	14.3	-6.9	3.0	0.0	67.9	1.3	4.7	0.0	0.0	19.6	0.0	0.0	0.0	14.0
172.0	-2487.5	1601.2	301.2	0.0	D	500.0	97.0	23.5	-6.9	3.0	0.0	67.8	1.3	4.7	0.0	0.0	19.2	0.0	0.0	0.0	23.6
174.0	-2505.7	1607.9	301.2	0.0	D	500.0	97.0	14.4	-6.9	3.0	0.0	67.7	1.3	4.7	0.0	0.0	16.3	0.0	0.0	0.0	17.5
176.0	-2512.6	1610.4	301.2	0.0	D	500.0	97.0	0.8	-6.9	3.0	0.0	67.7	1.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	20.2
177.0	-2513.6	1610.8	301.2	1.0	D	500.0	97.0	-7.2	-6.9	3.0	0.0	67.7	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	11.2
180.0	-2517.4	1619.3	301.2	0.0	D	500.0	97.0	23.9	-6.9	3.0	0.0	67.6	1.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	43.5
181.0	-2516.1	1617.1	301.2	1.0	D	500.0	97.0	20.4	-6.9	3.0	0.0	67.6	1.3	4.7	0.0	0.0	0.0	0.0	0.0	1.0	38.9

Flächenquelle nach ISO 9613, Bez: "Lkw (Militär), durchgehende Fahrt auf dem Gelände"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1.0	-2488.7	1653.1	301.2	0.0	D	500.0	62.1	41.2	0.0	3.0	0.0	67.2	1.2	4.7	0.0	0.0	0.0	0.0	0.0	33.3
1.0	-2488.7	1653.1	301.2	0.0	E	500.0	62.1	41.2	0.0	3.0	0.0	67.2	1.2	4.7	0.0	0.0	0.0	0.0	0.0	33.3
2.0	-2389.0	1701.6	301.2	0.0	D	500.0	62.1	41.2	0.0	3.0	0.0	66.7	1.2	4.7	0.0	0.0	0.0	0.0	0.0	33.8
2.0	-2389.0	1701.6	301.2	0.0	E	500.0	62.1	41.2	0.0	3.0	0.0	66.7	1.2	4.7	0.0	0.0	0.0	0.0	0.0	33.8
3.0	-2544.1	1582.1	301.2	1.0	D	500.0	62.1	23.2	0.0	3.0	0.0	68.1	1.4	4.7	0.0	0.0	17.5	0.0	1.0	-4.2
3.0	-2544.1	1582.1	301.2	1.0	E	500.0	62.1	23.2	0.0	3.0	0.0	68.1	1.4	4.7	0.0	0.0	17.5	0.0	1.0	-4.2
8.0	-2512.2	1674.1	301.2	1.0	D	500.0	62.1	33.3	0.0	3.0	0.0	66.9	1.2	4.7	0.0	0.0	0.0	0.0	1.0	24.7
8.0	-2512.2	1674.1	301.2	1.0	E	500.0	62.1	33.3	0.0	3.0	0.0	66.9	1.2	4.7	0.0	0.0	0.0	0.0	1.0	24.7
13.0	-2450.9	1669.9	301.2	1.0	D	500.0	62.1	41.3	0.0	3.0	0.0	67.9	1.3	4.7	0.0	0.0	0.0	0.0	1.0	31.6
13.0	-2450.9	1669.9	301.2	1.0	E	500.0	62.1	41.3	0.0	3.0	0.0	67.9	1.3	4.7	0.0	0.0	0.0	0.0	1.0	31.6
17.0	-2443.2	1671.9	301.2	3.0	D	500.0	62.1	40.3	0.0	3.0	0.0	68.6	1.5	4.7	0.0	0.0	0.0	0.0	3.0	27.8
17.0	-2443.2	1671.9	301.2	3.0	E	500.0	62.1	40.3	0.0	3.0	0.0	68.6	1.5	4.7	0.0	0.0	0.0	0.0	3.0	27.8
35.0	-2343.9	1568.7	301.2	0.0	D	500.0	62.1	43.1	0.0	3.0	0.0	68.5	1.5	4.7	0.0	0.0	0.0	0.0	0.0	33.6
35.0	-2343.9	1568.7	301.2	0.0	E	500.0	62.1	43.1	0.0	3.0	0.0	68.5	1.5	4.7	0.0	0.0	0.0	0.0	0.0	33.6
42.0	-2382.7	1568.8	301.2	2.0	D	500.0	62.1	30.8	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	0.0	0.0	2.0	18.1
42.0	-2382.7	1568.8	301.2	2.0	E	500.0	62.1	30.8	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	0.0	0.0	2.0	18.1
44.0	-2438.6	1567.8	301.2	2.0	D	500.0	62.1	36.0	0.0	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.0	0.0	2.0	24.1
44.0	-2438.6	1567.8	301.2	2.0	E	500.0	62.1	36.0	0.0	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.0	0.0	2.0	24.1
131.0	-2355.2	1637.0	301.2	0.0	D	500.0	62.1	40.0	0.0	3.0	0.0	67.7	1.3	4.7	0.0	0.0	0.0	0.0	0.0	31.5
131.0	-2355.2	1637.0	301.2	0.0	E	500.0	62.1	40.0	0.0	3.0	0.0	67.7	1.3	4.7	0.0	0.0	0.0	0.0	0.0	31.5
135.0	-2392.5	1622.3	301.2	2.0	D	500.0	62.1	27.4	0.0	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.0	0.0	2.0	15.4
135.0	-2392.5	1622.3	301.2	2.0	E	500.0	62.1	27.4	0.0	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.0	0.0	2.0	15.4
137.0	-2443.8	1603.6	301.2	2.0	D	500.0	62.1	32.9	0.0	3.0	0.0	68.5	1.4	4.7	0.0	0.0	0.0	0.0	2.0	21.5
137.0	-2443.8	1603.6	301.2	2.0	E	500.0	62.1	32.9	0.0	3.0	0.0	68.5	1.4	4.7	0.0	0.0	0.0	0.0	2.0	21.5
184.0	-2225.6	1588.4	301.2	0.0	D	500.0	62.1	36.3	0.0	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.0	0.0	0.0	26.4
184.0	-2225.6	1588.4	301.2	0.0	E	500.0	62.1	36.3	0.0	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.0	0.0	0.0	26.4



Immissionspunkt																				
Bez.: IO A2, Schule																				
X:	-2582.7																			
Y:	2431.0																			
Z:	304.0																			
Flächenquelle nach ISO 9613, Bez.: "VMS, Testlauf im Freien (16 Panzer á 10 Minuten)"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZ	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
61.0	-2519.0	1636.6	301.2	0.0	D	500.0	97.0	26.4	-6.9	3.0	0.0	69.0	1.5	4.7	0.0	0.0	0.0	0.0	0.0	44.3
65.0	-2519.0	1651.0	301.2	1.0	D	500.0	97.0	19.6	-6.9	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.1	0.0	1.0	36.5
84.0	-2467.2	1649.2	301.2	0.0	D	500.0	97.0	14.8	-6.9	3.0	0.0	69.0	1.5	4.7	0.0	0.0	18.8	0.0	0.0	14.0
89.0	-2483.2	1651.7	301.2	0.0	D	500.0	97.0	25.1	-6.9	3.0	0.0	68.9	1.5	4.7	0.0	0.0	18.8	0.0	0.0	24.3
91.0	-2509.7	1660.1	301.2	0.0	D	500.0	97.0	14.2	-6.9	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.0	0.0	0.0	32.3
98.0	-2514.1	1661.5	301.2	1.0	D	500.0	97.0	8.6	-6.9	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.1	0.0	1.0	25.7
102.0	-2488.5	1656.8	301.2	1.0	D	500.0	97.0	12.3	-6.9	3.0	0.0	69.1	1.6	4.7	0.0	0.0	0.1	0.0	1.0	28.9
106.0	-2480.7	1651.4	301.2	1.0	D	500.0	97.0	24.5	-6.9	3.0	0.0	69.2	1.6	4.7	0.0	0.0	13.9	0.0	1.0	27.3
108.0	-2467.9	1645.0	301.2	1.0	D	500.0	97.0	14.6	-6.9	3.0	0.0	69.2	1.6	4.7	0.0	0.0	14.5	0.0	1.0	16.8
110.0	-2467.1	1649.2	301.2	2.0	D	500.0	97.0	14.3	-6.9	3.0	0.0	69.5	1.6	4.7	0.0	0.0	9.9	0.0	2.0	19.7
112.0	-2477.8	1650.1	301.2	2.0	D	500.0	97.0	23.7	-6.9	3.0	0.0	69.5	1.6	4.7	0.0	0.0	9.8	0.0	2.0	29.2
115.0	-2491.1	1654.3	301.2	2.0	D	500.0	97.0	14.0	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	0.1	0.0	2.0	29.3
117.0	-2484.4	1652.5	301.2	3.0	D	500.0	97.0	14.8	-6.9	3.0	0.0	69.7	1.7	4.7	0.0	0.0	0.1	0.0	3.0	28.8
119.0	-2475.0	1649.6	301.2	3.0	D	500.0	97.0	22.4	-6.9	3.0	0.0	69.7	1.7	4.7	0.0	0.0	7.6	0.0	3.0	28.8
122.0	-2467.7	1644.9	301.2	3.0	D	500.0	97.0	14.2	-6.9	3.0	0.0	69.7	1.7	4.7	0.0	0.0	7.9	0.0	3.0	20.3
125.0	-2519.1	1602.5	301.2	0.0	D	500.0	97.0	20.7	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	0.0	0.0	0.0	38.1
127.0	-2512.3	1603.4	301.2	0.0	D	500.0	97.0	15.5	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	0.0	0.0	0.0	32.9
132.0	-2505.4	1600.9	301.2	0.0	D	500.0	97.0	21.0	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	20.0	0.0	0.0	18.4
136.0	-2491.5	1595.9	301.2	0.0	D	500.0	97.0	19.7	-6.9	3.0	0.0	69.5	1.6	4.7	0.0	0.0	20.1	0.0	0.0	17.0
140.0	-2521.1	1603.1	301.2	1.0	D	500.0	97.0	18.1	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	0.1	0.0	1.0	34.4
142.0	-2516.8	1604.4	301.2	1.0	D	500.0	97.0	11.4	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	0.1	0.0	1.0	27.7
162.0	-2492.0	1647.6	301.2	0.0	D	500.0	97.0	22.7	-6.9	3.0	0.0	68.9	1.5	4.7	0.0	0.0	17.3	0.0	0.0	23.3
167.0	-2506.4	1652.1	301.2	0.0	D	500.0	97.0	16.4	-6.9	3.0	0.0	68.9	1.5	4.7	0.0	0.0	0.0	0.0	0.0	34.5
169.0	-2511.5	1655.7	301.2	0.0	D	500.0	97.0	17.0	-6.9	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.0	0.0	0.0	35.1
175.0	-2516.9	1661.0	301.2	0.0	D	500.0	97.0	6.7	-6.9	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.0	0.0	0.0	24.9
179.0	-2515.0	1659.5	301.2	1.0	D	500.0	97.0	12.4	-6.9	3.0	0.0	68.8	1.5	4.7	0.0	0.0	0.1	0.0	1.0	29.4
183.0	-2489.2	1646.5	301.2	1.0	D	500.0	97.0	21.7	-6.9	3.0	0.0	69.1	1.5	4.7	0.0	0.0	14.9	0.0	1.0	23.5
185.0	-2501.6	1650.3	301.2	1.0	D	500.0	97.0	14.5	-6.9	3.0	0.0	69.1	1.5	4.7	0.0	0.0	0.1	0.0	1.0	31.2
187.0	-2481.7	1644.4	301.2	2.0	D	500.0	97.0	18.0	-6.9	3.0	0.0	69.6	1.6	4.7	0.0	0.0	9.2	0.0	2.0	24.1
189.0	-2490.6	1647.2	301.2	2.0	D	500.0	97.0	13.3	-6.9	3.0	0.0	69.5	1.6	4.7	0.0	0.0	0.1	0.0	2.0	28.5
190.0	-2479.7	1643.6	301.2	3.0	D	500.0	97.0	16.7	-6.9	3.0	0.0	69.7	1.7	4.7	0.0	0.0	8.2	0.0	3.0	22.6
192.0	-2487.5	1646.0	301.2	3.0	D	500.0	97.0	12.5	-6.9	3.0	0.0	69.7	1.7	4.7	0.0	0.0	0.1	0.0	3.0	26.5
193.0	-2476.3	1599.7	301.2	0.0	D	500.0	97.0	14.7	-6.9	3.0	0.0	69.5	1.6	4.7	0.0	0.0	20.1	0.0	0.0	11.9
194.0	-2487.0	1601.0	301.2	0.0	D	500.0	97.0	23.3	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	20.1	0.0	0.0	20.6
195.0	-2504.3	1607.4	301.2	0.0	D	500.0	97.0	15.8	-6.9	3.0	0.0	69.4	1.6	4.7	0.0	0.0	20.0	0.0	0.0	13.2
196.0	-2512.5	1610.3	301.2	0.0	D	500.0	97.0	1.2	-6.9	3.0	0.0	69.3	1.6	4.7	0.0	0.0	0.0	0.0	0.0	18.7
197.0	-2513.6	1610.8	301.2	1.0	D	500.0	97.0	-8.1	-6.9	3.0	0.0	69.3	1.6	4.7	0.0	0.0	0.1	0.0	1.0	8.3
198.0	-2517.4	1619.3	301.2	0.0	D	500.0	97.0	23.9	-6.9	3.0	0.0	69.2	1.6	4.7	0.0	0.0	0.0	0.0	0.0	41.5
199.0	-2516.7	1616.8	301.2	1.0	D	500.0	97.0	21.4	-6.9	3.0	0.0	69.3	1.6	4.7	0.0	0.0	0.1	0.0	1.0	37.9

Flächenquelle nach ISO 9613, Bez: "Lkw (Militär), durchgehende Fahrt auf dem Gelände"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
4.0	-2438.9	1677.4	301.2	0.0	D	500.0	62.1	44.2	0.0	3.0	0.0	68.7	1.5	4.7	0.0	0.0	0.0	0.0	0.0	34.5
4.0	-2438.9	1677.4	301.2	0.0	E	500.0	62.1	44.2	0.0	3.0	0.0	68.7	1.5	4.7	0.0	0.0	0.0	0.0	0.0	34.5
10.0	-2285.2	1706.3	301.2	1.0	D	500.0	62.1	29.3	0.0	3.0	0.0	69.1	1.5	4.7	0.0	0.0	19.2	0.0	1.0	-1.0
10.0	-2285.2	1706.3	301.2	1.0	E	500.0	62.1	29.3	0.0	3.0	0.0	69.1	1.5	4.7	0.0	0.0	19.2	0.0	1.0	-1.0
14.0	-2510.0	1680.3	301.2	1.0	D	500.0	62.1	33.4	0.0	3.0	0.0	68.6	1.5	4.7	0.0	0.0	0.1	0.0	1.0	22.7
14.0	-2510.0	1680.3	301.2	1.0	E	500.0	62.1	33.4	0.0	3.0	0.0	68.6	1.5	4.7	0.0	0.0	0.1	0.0	1.0	22.7
18.0	-2450.9	1668.8	301.2	1.0	D	500.0	62.1	41.3	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	0.1	0.0	1.0	29.6
18.0	-2450.9	1668.8	301.2	1.0	E	500.0	62.1	41.3	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	0.1	0.0	1.0	29.6
20.0	-2441.7	1671.2	301.2	3.0	D	500.0	62.1	40.2	0.0	3.0	0.0	70.1	1.7	4.7	0.0	0.0	0.1	0.0	3.0	25.8
20.0	-2441.7	1671.2	301.2	3.0	E	500.0	62.1	40.2	0.0	3.0	0.0	70.1	1.7	4.7	0.0	0.0	0.1	0.0	3.0	25.8
24.0	-2343.9	1568.7	301.2	0.0	D	500.0	62.1	43.1	0.0	3.0	0.0	70.0	1.7	4.7	0.0	0.0	0.0	0.0	0.0	31.8
24.0	-2343.9	1568.7	301.2	0.0	E	500.0	62.1	43.1	0.0	3.0	0.0	70.0	1.7	4.7	0.0	0.0	0.0	0.0	0.0	31.8
34.0	-2247.0	1569.0	301.2	1.0	D	500.0	62.1	31.9	0.0	3.0	0.0	70.5	1.8	4.7	0.0	0.0	19.0	0.0	1.0	0.1
34.0	-2247.0	1569.0	301.2	1.0	E	500.0	62.1	31.9	0.0	3.0	0.0	70.5	1.8	4.7	0.0	0.0	19.0	0.0	1.0	0.1
51.0	-2381.7	1568.8	301.2	2.0	D	500.0	62.1	30.7	0.0	3.0	0.0	70.9	1.9	4.7	0.0	0.0	0.1	0.0	2.0	16.3
51.0	-2381.7	1568.8	301.2	2.0	E	500.0	62.1	30.7	0.0	3.0	0.0	70.9	1.9	4.7	0.0	0.0	0.1	0.0	2.0	16.3
53.0	-2436.8	1567.8	301.2	2.0	D	500.0	62.1	36.0	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.1	0.0	2.0	22.2
53.0	-2436.8	1567.8	301.2	2.0	E	500.0	62.1	36.0	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.1	0.0	2.0	22.2
147.0	-2355.2	1637.0	301.2	0.0	D	500.0	62.1	40.0	0.0	3.0	0.0	69.3	1.6	4.7	0.0	0.0	0.0	0.0	0.0	29.6
147.0	-2355.2	1637.0	301.2	0.0	E	500.0	62.1	40.0	0.0	3.0	0.0	69.3	1.6	4.7	0.0	0.0	0.0	0.0	0.0	29.6
151.0	-2267.2	1679.9	301.2	1.0	D	500.0	62.1	30.7	0.0	3.0	0.0	69.4	1.6	4.7	0.0	0.0	19.1	0.0	1.0	0.1
151.0	-2267.2	1679.9	301.2	1.0	E	500.0	62.1	30.7	0.0	3.0	0.0	69.4	1.6	4.7	0.0	0.0	19.1	0.0	1.0	0.1
153.0	-2280.6	1662.4	301.2	1.0	D	500.0	62.1	28.5	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	19.1	0.0	1.0	-2.3
153.0	-2280.6	1662.4	301.2	1.0	E	500.0	62.1	28.5	0.0	3.0	0.0	69.5	1.6	4.7	0.0	0.0	19.1	0.0	1.0	-2.3
156.0	-2392.0	1622.5	301.2	2.0	D	500.0	62.1	27.3	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.1	0.0	2.0	13.6
156.0	-2392.0	1622.5	301.2	2.0	E	500.0	62.1	27.3	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.1	0.0	2.0	13.6
158.0	-2442.5	1604.1	301.2	2.0	D	500.0	62.1	32.8	0.0	3.0	0.0	70.0	1.7	4.7	0.0	0.0	0.1	0.0	2.0	19.5
158.0	-2442.5	1604.1	301.2	2.0	E	500.0	62.1	32.8	0.0	3.0	0.0	70.0	1.7	4.7	0.0	0.0	0.1	0.0	2.0	19.5
200.0	-2225.6	1588.4	301.2	0.0	D	500.0	62.1	36.3	0.0	3.0	0.0	70.2	1.8	4.7	0.0	0.0	0.0	0.0	0.0	24.7
200.0	-2225.6	1588.4	301.2	0.0	E	500.0	62.1	36.3	0.0	3.0	0.0	70.2	1.8	4.7	0.0	0.0	0.0	0.0	0.0	24.7
201.0	-2225.6	1588.4	301.2	1.0	D	500.0	62.1	36.3	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	19.0	0.0	1.0	4.6
201.0	-2225.6	1588.4	301.2	1.0	E	500.0	62.1	36.3	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	19.0	0.0	1.0	4.6



Immissionspunkt																				
Bez.: IO A3, Wohngebäude 289																				
X:	-2747.8																			
Y:	2553.8																			
Z:	304.0																			

Flächenquelle nach ISO 9613, Bez.: "VMS, Testlauf im Freien (16 Panzer á 10 Minuten)"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	EinwZ. dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RV (dB)	Lr dB(A)
45.0	-2519.0	1636.6	301.2	0.0	D	500.0	97.0	26.4	-6.9	3.0	0.0	70.5	1.8	4.7	0.0	0.0	0.0	0.0	0.0	42.5
52.0	-2518.6	1657.3	301.2	1.0	D	500.0	97.0	14.0	-6.9	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.0	0.0	1.0	29.2
54.0	-2524.3	1614.7	301.2	1.0	D	500.0	97.0	17.9	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	1.0	32.7
58.0	-2468.1	1649.3	301.2	0.0	D	500.0	97.0	16.8	-6.9	3.0	0.0	70.5	1.8	4.7	0.0	0.0	15.8	0.0	0.0	17.0
63.0	-2483.3	1651.6	301.2	0.0	D	500.0	97.0	24.7	-6.9	3.0	0.0	70.5	1.8	4.7	0.0	0.0	15.1	0.0	0.0	25.7
68.0	-2508.0	1659.5	301.2	0.0	D	500.0	97.0	15.6	-6.9	3.0	0.0	70.3	1.8	4.7	0.0	0.0	0.0	0.0	0.0	31.9
73.0	-2515.5	1661.9	301.2	1.0	D	500.0	97.0	5.8	-6.9	3.0	0.0	70.3	1.8	4.7	0.0	0.0	0.0	0.0	1.0	21.1
75.0	-2493.3	1655.3	301.2	1.0	D	500.0	97.0	17.4	-6.9	3.0	0.0	70.6	1.8	4.7	0.0	0.0	0.0	0.0	1.0	32.3
77.0	-2478.4	1650.8	301.2	1.0	D	500.0	97.0	23.4	-6.9	3.0	0.0	70.7	1.9	4.7	0.0	0.0	8.3	0.0	1.0	29.9
79.0	-2468.5	1645.3	301.2	1.0	D	500.0	97.0	16.3	-6.9	3.0	0.0	70.7	1.9	4.7	0.0	0.0	9.4	0.0	1.0	21.7
87.0	-2467.8	1649.3	301.2	2.0	D	500.0	97.0	16.3	-6.9	3.0	0.0	71.0	1.9	4.7	0.0	0.0	2.5	0.0	2.0	27.4
88.0	-2472.4	1648.2	301.2	2.0	D	500.0	97.0	19.0	-6.9	3.0	0.0	71.0	1.9	4.7	0.0	0.0	1.8	0.0	2.0	30.7
90.0	-2480.0	1650.6	301.2	2.0	D	500.0	97.0	19.8	-6.9	3.0	0.0	70.9	1.9	4.7	0.0	0.0	0.0	0.0	2.0	33.4
92.0	-2471.6	1648.7	301.2	3.0	D	500.0	97.0	18.5	-6.9	3.0	0.0	71.1	2.0	4.7	0.0	0.0	0.0	0.0	3.0	30.8
93.0	-2468.5	1646.1	301.2	3.0	D	500.0	97.0	14.6	-6.9	3.0	0.0	71.1	2.0	4.7	0.0	0.0	0.0	0.0	3.0	26.9
95.0	-2467.8	1642.6	301.2	3.0	D	500.0	97.0	10.0	-6.9	3.0	0.0	71.1	2.0	4.7	0.0	0.0	0.5	0.0	3.0	21.8
100.0	-2518.3	1602.4	301.2	0.0	D	500.0	97.0	21.3	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	0.0	37.0
103.0	-2510.8	1603.1	301.2	0.0	D	500.0	97.0	16.3	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	0.0	32.0
105.0	-2499.4	1598.9	301.2	0.0	D	500.0	97.0	22.6	-6.9	3.0	0.0	70.9	1.9	4.7	0.0	0.0	15.3	0.0	0.0	23.0
107.0	-2482.1	1592.5	301.2	0.0	D	500.0	97.0	11.1	-6.9	3.0	0.0	71.0	1.9	4.7	0.0	0.0	16.7	0.0	0.0	9.9
114.0	-2522.3	1603.1	301.2	1.0	D	500.0	97.0	17.0	-6.9	3.0	0.0	70.9	1.9	4.7	0.0	0.0	0.0	0.0	1.0	31.7
116.0	-2518.3	1604.7	301.2	1.0	D	500.0	97.0	7.9	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	1.0	22.6
134.0	-2489.4	1646.9	301.2	0.0	D	500.0	97.0	21.8	-6.9	3.0	0.0	70.5	1.8	4.7	0.0	0.0	12.1	0.0	0.0	25.7
138.0	-2505.2	1651.9	301.2	0.0	D	500.0	97.0	19.7	-6.9	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.0	0.0	0.0	35.9
139.0	-2512.7	1656.5	301.2	0.0	D	500.0	97.0	16.3	-6.9	3.0	0.0	70.3	1.8	4.7	0.0	0.0	0.0	0.0	0.0	32.6
145.0	-2516.3	1660.7	301.2	1.0	D	500.0	97.0	9.0	-6.9	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.0	0.0	1.0	24.2
149.0	-2485.1	1645.2	301.2	1.0	D	500.0	97.0	19.8	-6.9	3.0	0.0	70.6	1.8	4.7	0.0	0.0	10.1	0.0	1.0	24.7
150.0	-2498.1	1649.1	301.2	1.0	D	500.0	97.0	18.2	-6.9	3.0	0.0	70.6	1.8	4.7	0.0	0.0	0.0	0.0	1.0	33.2
152.0	-2471.6	1641.2	301.2	2.0	D	500.0	97.0	7.5	-6.9	3.0	0.0	71.0	1.9	4.7	0.0	0.0	1.1	0.0	2.0	19.8
154.0	-2479.0	1643.6	301.2	2.0	D	500.0	97.0	14.5	-6.9	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	2.0	27.9
161.0	-2469.3	1640.5	301.2	3.0	D	500.0	97.0	0.7	-6.9	3.0	0.0	71.1	2.0	4.7	0.0	0.0	0.6	0.0	3.0	12.5
163.0	-2475.2	1642.3	301.2	3.0	D	500.0	97.0	12.1	-6.9	3.0	0.0	71.1	1.9	4.7	0.0	0.0	0.0	0.0	3.0	24.5
166.0	-2477.1	1599.8	301.2	0.0	D	500.0	97.0	16.6	-6.9	3.0	0.0	70.9	1.9	4.7	0.0	0.0	19.4	0.0	0.0	12.8
168.0	-2482.6	1599.2	301.2	0.0	D	500.0	97.0	19.9	-6.9	3.0	0.0	70.9	1.9	4.7	0.0	0.0	19.0	0.0	0.0	16.4
171.0	-2495.8	1604.1	301.2	0.0	D	500.0	97.0	21.3	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	18.1	0.0	0.0	18.9
173.0	-2512.0	1610.2	301.2	0.0	D	500.0	97.0	3.1	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	0.0	18.9
178.0	-2514.0	1610.9	301.2	1.0	D	500.0	97.0	-15.3	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	1.0	-0.6
182.0	-2517.4	1619.3	301.2	0.0	D	500.0	97.0	23.9	-6.9	3.0	0.0	70.7	1.9	4.7	0.0	0.0	0.0	0.0	0.0	39.8
186.0	-2518.6	1612.4	301.2	1.0	D	500.0	97.0	20.3	-6.9	3.0	0.0	70.8	1.9	4.7	0.0	0.0	0.0	0.0	1.0	35.0
188.0	-2517.2	1622.4	301.2	1.0	D	500.0	97.0	20.9	-6.9	3.0	0.0	70.7	1.9	4.7	0.0	0.0	0.0	0.0	1.0	35.8

Flächenquelle nach ISO 9613, Bez: "Lkw (Militär), durchgehende Fahrt auf dem Gelände", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7.0	-2438.9	1677.4	301.2	0.0	D	500.0	62.1	44.2	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.0	0.0	0.0	32.5
7.0	-2438.9	1677.4	301.2	0.0	E	500.0	62.1	44.2	0.0	3.0	0.0	70.4	1.8	4.7	0.0	0.0	0.0	0.0	0.0	32.5
15.0	-2440.1	1665.0	301.2	1.0	D	500.0	62.1	40.7	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	1.0	27.3
15.0	-2440.1	1665.0	301.2	1.0	E	500.0	62.1	40.7	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	1.0	27.3
22.0	-2487.7	1661.6	301.2	1.0	D	500.0	62.1	33.2	0.0	3.0	0.0	70.7	1.9	4.7	0.0	0.0	0.0	0.0	1.0	20.1
22.0	-2487.7	1661.6	301.2	1.0	E	500.0	62.1	33.2	0.0	3.0	0.0	70.7	1.9	4.7	0.0	0.0	0.0	0.0	1.0	20.1
37.0	-2430.3	1668.3	301.2	3.0	D	500.0	62.1	39.5	0.0	3.0	0.0	71.5	2.0	4.7	0.0	0.0	0.0	0.0	3.0	23.4
37.0	-2430.3	1668.3	301.2	3.0	E	500.0	62.1	39.5	0.0	3.0	0.0	71.5	2.0	4.7	0.0	0.0	0.0	0.0	3.0	23.4
40.0	-2343.9	1568.7	301.2	0.0	D	500.0	62.1	43.1	0.0	3.0	0.0	71.5	2.1	4.7	0.0	0.0	0.1	0.0	0.0	29.9
40.0	-2343.9	1568.7	301.2	0.0	E	500.0	62.1	43.1	0.0	3.0	0.0	71.5	2.1	4.7	0.0	0.0	0.1	0.0	0.0	29.9
120.0	-2355.2	1637.0	301.2	0.0	D	500.0	62.1	40.0	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	0.0	27.6
120.0	-2355.2	1637.0	301.2	0.0	E	500.0	62.1	40.0	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	0.0	27.6
129.0	-2384.5	1624.9	301.2	2.0	D	500.0	62.1	27.2	0.0	3.0	0.0	71.8	2.1	4.7	0.0	0.0	0.0	0.0	2.0	11.8
129.0	-2384.5	1624.9	301.2	2.0	E	500.0	62.1	27.2	0.0	3.0	0.0	71.8	2.1	4.7	0.0	0.0	0.0	0.0	2.0	11.8
130.0	-2433.2	1607.3	301.2	2.0	D	500.0	62.1	32.6	0.0	3.0	0.0	71.4	2.0	4.7	0.0	0.0	0.0	0.0	2.0	17.6
130.0	-2433.2	1607.3	301.2	2.0	E	500.0	62.1	32.6	0.0	3.0	0.0	71.4	2.0	4.7	0.0	0.0	0.0	0.0	2.0	17.6
191.0	-2225.6	1588.4	301.2	0.0	D	500.0	62.1	36.3	0.0	3.0	0.0	71.8	2.1	4.7	0.0	0.0	0.1	0.0	0.0	22.7
191.0	-2225.6	1588.4	301.2	0.0	E	500.0	62.1	36.3	0.0	3.0	0.0	71.8	2.1	4.7	0.0	0.0	0.1	0.0	0.0	22.7



Immissionspunkt																				
Bez.: IO B1, Am Alten Weg 22																				
X:	-2770.6																			
Y:	3026.6																			
Z:	304.0																			
Flächenquelle nach ISO 9613, Bez: "VMS, Testlauf im Freien (16 Panzer á 10 Minuten)", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
12.0	-2519.0	1636.6	301.2	0.0	D	500.0	97.0	26.4	-6.9	3.0	0.0	74.0	2.7	4.7	0.0	0.0	0.0	0.0	0.0	38.0
19.0	-2467.6	1649.2	301.2	0.0	D	500.0	97.0	15.8	-6.9	3.0	0.0	74.0	2.7	4.7	0.0	0.0	17.3	0.0	0.0	10.2
21.0	-2483.2	1651.7	301.2	0.0	D	500.0	97.0	24.9	-6.9	3.0	0.0	74.0	2.7	4.7	0.0	0.0	17.2	0.0	0.0	19.4
23.0	-2508.8	1659.8	301.2	0.0	D	500.0	97.0	15.0	-6.9	3.0	0.0	73.9	2.7	4.7	0.0	0.0	0.0	0.0	0.0	26.8
25.0	-2518.6	1602.5	301.2	0.0	D	500.0	97.0	21.1	-6.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	0.0	0.0	0.0	32.4
27.0	-2511.4	1603.2	301.2	0.0	D	500.0	97.0	16.0	-6.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	0.0	0.0	0.0	27.3
29.0	-2501.9	1599.7	301.2	0.0	D	500.0	97.0	22.1	-6.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	20.0	0.0	0.0	13.5
31.0	-2486.6	1594.1	301.2	0.0	D	500.0	97.0	16.2	-6.9	3.0	0.0	74.3	2.8	4.7	0.0	0.0	18.9	0.0	0.0	8.5
36.0	-2490.6	1647.2	301.2	0.0	D	500.0	97.0	22.2	-6.9	3.0	0.0	74.0	2.7	4.7	0.0	0.0	15.3	0.0	0.0	18.6
38.0	-2505.8	1652.0	301.2	0.0	D	500.0	97.0	18.5	-6.9	3.0	0.0	73.9	2.7	4.7	0.0	0.0	0.0	0.0	0.0	30.2
46.0	-2512.4	1656.3	301.2	0.0	D	500.0	97.0	16.9	-6.9	3.0	0.0	73.9	2.7	4.7	0.0	0.0	0.0	0.0	0.0	28.6
50.0	-2476.7	1599.7	301.2	0.0	D	500.0	97.0	15.7	-6.9	3.0	0.0	74.3	2.8	4.7	0.0	0.0	20.3	0.0	0.0	6.8
62.0	-2484.8	1600.1	301.2	0.0	D	500.0	97.0	22.0	-6.9	3.0	0.0	74.3	2.8	4.7	0.0	0.0	20.3	0.0	0.0	13.1
64.0	-2499.8	1605.7	301.2	0.0	D	500.0	97.0	19.1	-6.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	20.3	0.0	0.0	10.2
66.0	-2512.2	1610.2	301.2	0.0	D	500.0	97.0	2.3	-6.9	3.0	0.0	74.2	2.8	4.7	0.0	0.0	0.0	0.0	0.0	13.7
70.0	-2517.4	1619.3	301.2	0.0	D	500.0	97.0	23.9	-6.9	3.0	0.0	74.1	2.8	4.7	0.0	0.0	0.0	0.0	0.0	35.4
Flächenquelle nach ISO 9613, Bez: "Lkw (Militär), durchgehende Fahrt auf dem Gelände"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
5.0	-2438.9	1677.4	301.2	0.0	D	500.0	62.1	44.2	0.0	3.0	0.0	73.9	2.7	4.7	0.0	0.0	0.0	0.0	0.0	28.0
5.0	-2438.9	1677.4	301.2	0.0	E	500.0	62.1	44.2	0.0	3.0	0.0	73.9	2.7	4.7	0.0	0.0	0.0	0.0	0.0	28.0
9.0	-2343.9	1568.7	301.2	0.0	D	500.0	62.1	43.1	0.0	3.0	0.0	74.6	2.9	4.7	0.0	0.0	0.0	0.0	0.0	25.9
9.0	-2343.9	1568.7	301.2	0.0	E	500.0	62.1	43.1	0.0	3.0	0.0	74.6	2.9	4.7	0.0	0.0	0.0	0.0	0.0	25.9
33.0	-2355.2	1637.0	301.2	0.0	D	500.0	62.1	40.0	0.0	3.0	0.0	74.2	2.8	4.7	0.0	0.0	0.0	0.0	0.0	23.4
33.0	-2355.2	1637.0	301.2	0.0	E	500.0	62.1	40.0	0.0	3.0	0.0	74.2	2.8	4.7	0.0	0.0	0.0	0.0	0.0	23.4
72.0	-2225.6	1588.4	301.2	0.0	D	500.0	62.1	36.3	0.0	3.0	0.0	74.7	3.0	4.7	0.0	0.0	0.0	0.0	0.0	18.9
72.0	-2225.6	1588.4	301.2	0.0	E	500.0	62.1	36.3	0.0	3.0	0.0	74.7	3.0	4.7	0.0	0.0	0.0	0.0	0.0	18.9



## Immissionspunkt

Bez.: IO B2, Neue Amberger Straße 132

X: -1660.2

Y: 2354.8

Z: 304.0

## Flächenquelle nach ISO 9613, Bez: "VMS, Testlauf im Freien (16 Panzer á 10 Minuten)"

Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
16.0	-2517.0	1647.8	301.2	0.0	D	500.0	97.0	23.1	-6.9	3.0	0.0	71.9	2.1	4.7	0.0	0.0	10.4	0.0	0.0	27.1
26.0	-2517.1	1637.0	301.2	0.0	D	500.0	97.0	18.5	-6.9	3.0	0.0	72.0	2.2	4.7	0.0	0.0	6.8	0.0	0.0	25.9
28.0	-2522.2	1622.3	301.2	0.0	D	500.0	97.0	22.1	-6.9	3.0	0.0	72.1	2.2	4.7	0.0	0.0	16.3	0.0	0.0	19.9
41.0	-2501.4	1657.8	301.2	0.0	D	500.0	97.0	19.7	-6.9	3.0	0.0	71.8	2.1	4.7	0.0	0.0	15.9	0.0	0.0	18.3
43.0	-2480.5	1651.6	301.2	0.0	D	500.0	97.0	23.4	-6.9	3.0	0.0	71.7	2.1	4.7	0.0	0.0	14.9	0.0	0.0	23.2
48.0	-2469.5	1645.7	301.2	0.0	D	500.0	97.0	18.1	-6.9	3.0	0.0	71.6	2.1	4.7	0.0	0.0	13.3	0.0	0.0	19.4
56.0	-2523.9	1603.4	301.2	0.0	D	500.0	97.0	12.2	-6.9	3.0	0.0	72.2	2.2	4.7	0.0	0.0	17.6	0.0	0.0	8.6
60.0	-2506.6	1600.4	301.2	0.0	D	500.0	97.0	25.4	-6.9	3.0	0.0	72.1	2.2	4.7	0.0	0.0	17.9	0.0	0.0	21.7
67.0	-2480.6	1591.8	301.2	0.0	D	500.0	97.0	8.4	-6.9	3.0	0.0	72.0	2.2	4.7	0.0	0.0	16.3	0.0	0.0	6.3
69.0	-2488.8	1646.2	301.2	0.0	D	500.0	97.0	21.4	-6.9	3.0	0.0	71.8	2.1	4.7	0.0	0.0	12.0	0.0	0.0	24.0
71.0	-2501.6	1650.0	301.2	0.0	D	500.0	97.0	15.7	-6.9	3.0	0.0	71.8	2.1	4.7	0.0	0.0	12.4	0.0	0.0	17.8
76.0	-2508.7	1654.7	301.2	0.0	D	500.0	97.0	20.4	-6.9	3.0	0.0	71.8	2.1	4.7	0.0	0.0	13.8	0.0	0.0	21.0
78.0	-2490.9	1603.2	301.2	0.0	D	500.0	97.0	23.5	-6.9	3.0	0.0	72.0	2.2	4.7	0.0	0.0	20.3	0.0	0.0	17.5
80.0	-2478.8	1597.9	301.2	0.0	D	500.0	97.0	14.8	-6.9	3.0	0.0	71.9	2.1	4.7	0.0	0.0	19.1	0.0	0.0	10.0
82.0	-2477.7	1594.5	301.2	0.0	D	500.0	97.0	14.3	-6.9	3.0	0.0	72.0	2.2	4.7	0.0	0.0	17.6	0.0	0.0	10.9
83.0	-2519.3	1608.2	301.2	0.0	D	500.0	97.0	13.0	-6.9	3.0	0.0	72.1	2.2	4.7	0.0	0.0	19.9	0.0	0.0	7.2
85.0	-2517.4	1619.6	301.2	0.0	D	500.0	97.0	23.4	-6.9	3.0	0.0	72.1	2.2	4.7	0.0	0.0	19.7	0.0	0.0	17.9
97.0	-2509.4	1642.6	301.2	0.0	D	500.0	97.0	7.8	-6.9	3.0	0.0	71.9	2.1	4.7	0.0	0.0	9.1	0.0	0.0	13.1

## Flächenquelle nach ISO 9613, Bez: "Lkw (Militär), durchgehende Fahrt auf dem Gelände"

Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	EinwZ.	K0	Di	Adiv	Aatm	Agr	Afol	Ahaus	Abar	Cmet	RV	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6.0	-2438.9	1677.4	301.2	0.0	D	500.0	62.1	44.2	0.0	3.0	0.0	71.3	2.0	4.7	0.0	0.0	0.0	0.0	0.0	31.4
6.0	-2438.9	1677.4	301.2	0.0	E	500.0	62.1	44.2	0.0	3.0	0.0	71.3	2.0	4.7	0.0	0.0	0.0	0.0	0.0	31.4
11.0	-2343.9	1568.7	301.2	0.0	D	500.0	62.1	43.1	0.0	3.0	0.0	71.4	2.0	4.7	0.0	0.0	0.0	0.0	0.0	30.2
11.0	-2343.9	1568.7	301.2	0.0	E	500.0	62.1	43.1	0.0	3.0	0.0	71.4	2.0	4.7	0.0	0.0	0.0	0.0	0.0	30.2
30.0	-2355.2	1637.0	301.2	0.0	D	500.0	62.1	40.0	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	0.0	27.6
30.0	-2355.2	1637.0	301.2	0.0	E	500.0	62.1	40.0	0.0	3.0	0.0	71.0	1.9	4.7	0.0	0.0	0.0	0.0	0.0	27.6
99.0	-2225.6	1588.4	301.2	0.0	D	500.0	62.1	36.3	0.0	3.0	0.0	70.6	1.8	4.7	0.0	0.0	0.0	0.0	0.0	24.3
99.0	-2225.6	1588.4	301.2	0.0	E	500.0	62.1	36.3	0.0	3.0	0.0	70.6	1.8	4.7	0.0	0.0	0.0	0.0	0.0	24.3