

wyniki

Z.U.O. "EKO - SOFT"
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HAŁAS PRZEMYSŁOWY I DROGOWY
 PROGRAM SON2 WERSJA 3.3

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 Licencja nr MB/63200/S1/07 z dnia 20.07.2007

DANE WEJŚCIOWE

Rodzaj obliczeń: Poziom hałasu równonoważnego

1. Nazwa projektu: Zdzisław Obałek, Borek wielkopolski
2. Temperatura powietrza [st C.] = 26
3. Wilgotność względna powietrza [%] = 64
4. Tło akustyczne dB(A):
 Pora dnia : 0
 Pora nocy : 0
5. Rodzaj gruntu : grunt mieszany, wskaźnik gruntu G = 0.5
6. Punktowe źródła hałasu

Lp	Symbol			współrzędne źródła			Rodzaj źródła	LAW
	tD	tN	Do	x	y	z		
----- ----- -----			----- ----- -----			----- -----		
	h	h	dB	m	m	m		dB(A)
1	Rozładunek odpadów			48.2	79.4	0.0	wszechkier.	93.0
1.000	0.500							
2	Załadunek odpadów	1		48.4	80.0	0.0	wszechkier.	93.0
1.000	0.500							

LAW - poziom mocy akustycznej źródła nominalny
 tD - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia
 tN - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

7. Ekrany - budynki

Lp	Symbol	wiał		współrzędne x,y wierzchołków ekranu[m]					
		ho	h1	współczynniki					
x4	y4	m	m	ta		x2	y2	x3	y3
				odbicia scian					
		(w)							
		nr 1 - 4							
1	Budynek gospodarczy	47.3	71.7	63.0	68.5	61.1	60.4		

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45.5	63.5	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Budynek mieszkalny	47.9	52.7	58.6	50.3	56.5	41.6		
45.7	44.2	0.0	7.0	0.0	0.0	0.0	0.0		
3	Budynek gospodarczy	32.3	95.4	44.6	91.1	43.1	86.8		
30.8	91.3	0.0	3.5	0.0	0.0	0.0	0.0		
4	Budynek mieszkalny	14.0	101.6	27.8	96.8	24.2	87.2		
10.6	92.6	0.0	7.0	0.0	0.0	0.0	0.0		
5	Budynek mieszkalny	68.7	78.5	78.5	76.4	76.3	67.0		
66.4	69.2	0.0	7.0	0.0	0.0	0.0	0.0		
6	Budynek gospodarczy	69.8	59.3	76.5	57.8	75.2	53.0		
68.6	54.5	0.0	3.5	0.0	0.0	0.0	0.0		
7	Budynek gospodarczy	61.8	50.0	74.0	47.6	72.2	40.4		
60.0	43.1	0.0	3.5	0.0	0.0	0.0	0.0		

8. Ekrany liniowe

Lp	Symbol	współrzędne początku i końca ekranu [m]									
		wysokość	współczynnik odbicia	A			B			ekranu	ściana
AB	ściana BA			x1	y1	z1	x2	y2	z2	[m]	
1	Płot betonowy	1	0.0	44.8	91.0	0.0	34.4	55.7	0.0	2.2	0.0
2	Płot betonowy	2	0.0	66.4	83.8	0.0	52.4	23.0	0.0	2.2	
3	Płot betonowy	3	0.0	49.7	89.3	0.0	66.3	83.9	0.0	2.2	
4	Brama wjazdowa	1	0.0	44.8	91.1	0.0	49.7	89.4	0.0	2.2	0.0
5	Płot ozdobny	1	0.0	34.4	55.7	0.0	52.4	23.2	0.0	1.5	0.0

9. Współrzędne wierzchołków wieloboku terenu zakładu

Lp	współrzędne wierzchołków	
	x	y
	m	m
1	44.6	91.1
2	66.8	83.9
3	52.4	23.0
4	34.4	55.9

Koniec danych

LAeq, pory dnia i nocy

Nr punktu	współrzędne punktów			Poziom dźwięku w porze	
	x	y	z	dnia	nocy
	m	m	m	dB(A)	dB(A)
1	0.0	150.0	1.5	21.0	
2	5.0	150.0	1.5	21.8	
3	10.0	150.0	1.5	22.8	
4	15.0	150.0	1.5	24.0	
5	20.0	150.0	1.5	25.3	
6	25.0	150.0	1.5	28.2	
7	30.0	150.0	1.5	29.7	
8	35.0	150.0	1.5	29.7	
9	40.0	150.0	1.5	29.7	
10	45.0	150.0	1.5	29.6	

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11	50.0	150.0	1.5	29.5
12	55.0	150.0	1.5	29.4
13	60.0	150.0	1.5	29.3
14	65.0	150.0	1.5	29.1
15	70.0	150.0	1.5	29.0
16	75.0	150.0	1.5	28.8
17	80.0	150.0	1.5	28.6
18	85.0	150.0	1.5	28.4
19	90.0	150.0	1.5	28.2
20	95.0	150.0	1.5	27.9
21	100.0	150.0	1.5	27.7
22	0.0	145.0	1.5	21.4
23	5.0	145.0	1.5	21.9
24	10.0	145.0	1.5	22.8
25	15.0	145.0	1.5	24.0
26	20.0	145.0	1.5	25.3
27	25.0	145.0	1.5	26.5
28	30.0	145.0	1.5	30.3
29	35.0	145.0	1.5	30.3
30	40.0	145.0	1.5	30.3
31	45.0	145.0	1.5	30.2
32	50.0	145.0	1.5	30.2
33	55.0	145.0	1.5	30.0
34	60.0	145.0	1.5	29.9
35	65.0	145.0	1.5	29.7
36	70.0	145.0	1.5	29.5
37	75.0	145.0	1.5	29.3
38	80.0	145.0	1.5	29.1
39	85.0	145.0	1.5	28.9
40	90.0	145.0	1.5	28.6
41	95.0	145.0	1.5	28.4
42	100.0	145.0	1.5	28.1
43	0.0	140.0	1.5	22.0
44	5.0	140.0	1.5	22.2
45	10.0	140.0	1.5	22.8
46	15.0	140.0	1.5	24.0
47	20.0	140.0	1.5	25.3
48	25.0	140.0	1.5	26.8
49	30.0	140.0	1.5	31.0
50	35.0	140.0	1.5	31.0
51	40.0	140.0	1.5	31.0
52	45.0	140.0	1.5	30.9
53	50.0	140.0	1.5	30.8
54	55.0	140.0	1.5	30.7
55	60.0	140.0	1.5	30.5
56	65.0	140.0	1.5	30.3
57	70.0	140.0	1.5	30.1
58	75.0	140.0	1.5	29.9
59	80.0	140.0	1.5	29.7
60	85.0	140.0	1.5	29.4
61	90.0	140.0	1.5	29.1
62	95.0	140.0	1.5	28.9
63	100.0	140.0	1.5	28.6
64	0.0	135.0	1.5	22.6
65	5.0	135.0	1.5	22.7
66	10.0	135.0	1.5	23.0
67	15.0	135.0	1.5	24.0
68	20.0	135.0	1.5	25.3
69	25.0	135.0	1.5	26.9
70	30.0	135.0	1.5	30.2
71	35.0	135.0	1.5	31.7
72	40.0	135.0	1.5	31.7
73	45.0	135.0	1.5	31.7
74	50.0	135.0	1.5	31.6
75	55.0	135.0	1.5	31.4
76	60.0	135.0	1.5	31.2
77	65.0	135.0	1.5	31.0
78	70.0	135.0	1.5	30.8

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79	75.0	135.0	1.5	30.5
80	80.0	135.0	1.5	30.3
81	85.0	135.0	1.5	30.0
82	90.0	135.0	1.5	29.7
83	95.0	135.0	1.5	29.4
84	100.0	135.0	1.5	29.1
85	0.0	130.0	1.5	23.2
86	5.0	130.0	1.5	23.4
87	10.0	130.0	1.5	23.4
88	15.0	130.0	1.5	24.0
89	20.0	130.0	1.5	25.3
90	25.0	130.0	1.5	26.9
91	30.0	130.0	1.5	28.6
92	35.0	130.0	1.5	32.6
93	40.0	130.0	1.5	32.5
94	45.0	130.0	1.5	32.5
95	50.0	130.0	1.5	32.4
96	55.0	130.0	1.5	32.2
97	60.0	130.0	1.5	32.0
98	65.0	130.0	1.5	31.8
99	70.0	130.0	1.5	31.5
100	75.0	130.0	1.5	31.2
101	80.0	130.0	1.5	30.9
102	85.0	130.0	1.5	30.6
103	90.0	130.0	1.5	30.2
104	95.0	130.0	1.5	29.9
105	100.0	130.0	1.5	29.5
106	0.0	125.0	1.5	23.8
107	5.0	125.0	1.5	24.1
108	10.0	125.0	1.5	24.2
109	15.0	125.0	1.5	24.4
110	20.0	125.0	1.5	25.3
111	25.0	125.0	1.5	26.9
112	30.0	125.0	1.5	28.8
113	35.0	125.0	1.5	33.5
114	40.0	125.0	1.5	33.5
115	45.0	125.0	1.5	33.4
116	50.0	125.0	1.5	33.3
117	55.0	125.0	1.5	33.1
118	60.0	125.0	1.5	32.8
119	65.0	125.0	1.5	32.6
120	70.0	125.0	1.5	32.3
121	75.0	125.0	1.5	31.9
122	80.0	125.0	1.5	31.5
123	85.0	125.0	1.5	31.2
124	90.0	125.0	1.5	30.8
125	95.0	125.0	1.5	30.4
126	100.0	125.0	1.5	30.0
127	0.0	120.0	1.5	24.5
128	5.0	120.0	1.5	24.8
129	10.0	120.0	1.5	25.0
130	15.0	120.0	1.5	25.2
131	20.0	120.0	1.5	25.5
132	25.0	120.0	1.5	26.9
133	30.0	120.0	1.5	28.9
134	35.0	120.0	1.5	32.9
135	40.0	120.0	1.5	34.5
136	45.0	120.0	1.5	34.4
137	50.0	120.0	1.5	34.3
138	55.0	120.0	1.5	34.1
139	60.0	120.0	1.5	33.8
140	65.0	120.0	1.5	33.5
141	70.0	120.0	1.5	33.1
142	75.0	120.0	1.5	32.7
143	80.0	120.0	1.5	32.3
144	85.0	120.0	1.5	31.8
145	90.0	120.0	1.5	31.4
146	95.0	120.0	1.5	31.0

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147	100.0	120.0	1.5	30.6
148	0.0	115.0	1.5	21.2
149	5.0	115.0	1.5	25.3
150	10.0	115.0	1.5	25.8
151	15.0	115.0	1.5	26.0
152	20.0	115.0	1.5	26.3
153	25.0	115.0	1.5	26.9
154	30.0	115.0	1.5	28.8
155	35.0	115.0	1.5	31.3
156	40.0	115.0	1.5	35.6
157	45.0	115.0	1.5	35.6
158	50.0	115.0	1.5	35.4
159	55.0	115.0	1.5	35.2
160	60.0	115.0	1.5	34.8
161	65.0	115.0	1.5	34.4
162	70.0	115.0	1.5	34.0
163	75.0	115.0	1.5	33.5
164	80.0	115.0	1.5	33.0
165	85.0	115.0	1.5	32.5
166	90.0	115.0	1.5	32.0
167	95.0	115.0	1.5	31.6
168	100.0	115.0	1.5	31.1
169	0.0	110.0	1.5	19.2
170	5.0	110.0	1.5	20.7
171	10.0	110.0	1.5	24.6
172	15.0	110.0	1.5	27.0
173	20.0	110.0	1.5	27.2
174	25.0	110.0	1.5	27.5
175	30.0	110.0	1.5	28.8
176	35.0	110.0	1.5	31.4
177	40.0	110.0	1.5	36.9
178	45.0	110.0	1.5	36.9
179	50.0	110.0	1.5	36.8
180	55.0	110.0	1.5	36.4
181	60.0	110.0	1.5	36.0
182	65.0	110.0	1.5	35.5
183	70.0	110.0	1.5	35.0
184	75.0	110.0	1.5	34.4
185	80.0	110.0	1.5	33.8
186	85.0	110.0	1.5	33.2
187	90.0	110.0	1.5	32.7
188	95.0	110.0	1.5	32.2
189	100.0	110.0	1.5	31.7
190	0.0	105.0	1.5	19.3
191	5.0	105.0	1.5	19.2
192	10.0	105.0	1.5	19.4
193	15.0	105.0	1.5	23.5
194	20.0	105.0	1.5	28.3
195	25.0	105.0	1.5	28.5
196	30.0	105.0	1.5	29.0
197	35.0	105.0	1.5	31.3
198	40.0	105.0	1.5	36.8
199	45.0	105.0	1.5	38.5
200	50.0	105.0	1.5	38.3
201	55.0	105.0	1.5	37.9
202	60.0	105.0	1.5	37.4
203	65.0	105.0	1.5	36.7
204	70.0	105.0	1.5	36.1
205	75.0	105.0	1.5	35.4
206	80.0	105.0	1.5	34.7
207	85.0	105.0	1.5	34.0
208	90.0	105.0	1.5	33.4
209	95.0	105.0	1.5	32.8
210	100.0	105.0	1.5	32.2
211	0.0	100.0	1.5	19.3
212	5.0	100.0	1.5	19.1
213	10.0	100.0	1.5	18.2
215	20.0	100.0	1.5	20.1

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216	25.0	100.0	1.5	29.6
217	30.0	100.0	1.5	29.7
218	35.0	100.0	1.5	31.0
219	40.0	100.0	1.5	34.8
220	45.0	100.0	1.5	40.4
221	50.0	100.0	1.5	40.2
222	55.0	100.0	1.5	39.7
223	60.0	100.0	1.5	39.0
224	65.0	100.0	1.5	38.1
225	70.0	100.0	1.5	37.2
226	75.0	100.0	1.5	36.4
227	80.0	100.0	1.5	35.6
228	85.0	100.0	1.5	34.8
229	90.0	100.0	1.5	34.1
230	95.0	100.0	1.5	33.4
231	100.0	100.0	1.5	32.8
232	0.0	95.0	1.5	28.7
233	5.0	95.0	1.5	18.8
234	10.0	95.0	1.5	18.6
238	30.0	95.0	1.5	29.5
239	35.0	95.0	1.5	30.0
240	40.0	95.0	1.5	33.5
241	45.0	95.0	1.5	42.6
242	50.0	95.0	1.5	42.6
243	55.0	95.0	1.5	41.8
244	60.0	95.0	1.5	40.8
245	65.0	95.0	1.5	39.6
246	70.0	95.0	1.5	38.5
247	75.0	95.0	1.5	37.4
248	80.0	95.0	1.5	36.5
249	85.0	95.0	1.5	35.6
250	90.0	95.0	1.5	34.8
251	95.0	95.0	1.5	34.0
252	100.0	95.0	1.5	33.4
253	0.0	90.0	1.5	31.1
254	5.0	90.0	1.5	32.0
255	10.0	90.0	1.5	33.0
256	15.0	90.0	1.5	34.1
259	30.0	90.0	1.5	38.7
262	45.0	90.0	1.5	54.9
263	50.0	90.0	1.5	43.7
264	55.0	90.0	1.5	44.0
265	60.0	90.0	1.5	42.7
266	65.0	90.0	1.5	41.2
267	70.0	90.0	1.5	39.7
268	75.0	90.0	1.5	38.5
269	80.0	90.0	1.5	37.4
270	85.0	90.0	1.5	36.4
271	90.0	90.0	1.5	35.5
272	95.0	90.0	1.5	36.7
273	100.0	90.0	1.5	33.8
274	0.0	85.0	1.5	31.3
275	5.0	85.0	1.5	32.2
276	10.0	85.0	1.5	33.3
277	15.0	85.0	1.5	34.4
278	20.0	85.0	1.5	35.8
279	25.0	85.0	1.5	37.5
280	30.0	85.0	1.5	39.5
281	35.0	85.0	1.5	42.0
282	40.0	85.0	1.5	45.2
283	45.0	85.0	1.5	60.2
284	50.0	85.0	1.5	61.3
285	55.0	85.0	1.5	57.2
286	60.0	85.0	1.5	53.1
287	65.0	85.0	1.5	40.7
288	70.0	85.0	1.5	40.5
289	75.0	85.0	1.5	39.3
290	80.0	85.0	1.5	37.9

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291	85.0	85.0	1.5	36.7
292	90.0	85.0	1.5	35.6
293	95.0	85.0	1.5	34.6
294	100.0	85.0	1.5	33.8
295	0.0	80.0	1.5	31.4
296	5.0	80.0	1.5	32.4
297	10.0	80.0	1.5	33.4
298	15.0	80.0	1.5	34.7
299	20.0	80.0	1.5	36.1
300	25.0	80.0	1.5	37.8
301	30.0	80.0	1.5	39.9
302	35.0	80.0	1.5	42.7
303	40.0	80.0	1.5	46.1
304	45.0	80.0	1.5	65.6
305	50.0	80.0	1.5	69.9
306	55.0	80.0	1.5	59.5
307	60.0	80.0	1.5	54.0
308	65.0	80.0	1.5	50.3
309	70.0	80.0	1.5	40.7
310	75.0	80.0	1.5	39.3
311	80.0	80.0	1.5	37.9
312	85.0	80.0	1.5	36.7
313	90.0	80.0	1.5	35.6
314	95.0	80.0	1.5	34.6
315	100.0	80.0	1.5	33.8
316	0.0	75.0	1.5	31.5
317	5.0	75.0	1.5	32.5
318	10.0	75.0	1.5	33.5
319	15.0	75.0	1.5	34.8
320	20.0	75.0	1.5	36.2
321	25.0	75.0	1.5	37.9
322	30.0	75.0	1.5	40.1
323	35.0	75.0	1.5	42.8
324	40.0	75.0	1.5	43.2
325	45.0	75.0	1.5	61.0
326	50.0	75.0	1.5	62.2
327	55.0	75.0	1.5	57.6
328	60.0	75.0	1.5	53.3
329	65.0	75.0	1.5	39.5
332	80.0	75.0	1.5	20.8
333	85.0	75.0	1.5	21.0
334	90.0	75.0	1.5	21.1
335	95.0	75.0	1.5	21.5
336	100.0	75.0	1.5	21.8
337	0.0	70.0	1.5	31.5
338	5.0	70.0	1.5	32.5
339	10.0	70.0	1.5	33.6
340	15.0	70.0	1.5	34.8
341	20.0	70.0	1.5	36.2
342	25.0	70.0	1.5	37.9
343	30.0	70.0	1.5	39.9
344	35.0	70.0	1.5	42.2
345	40.0	70.0	1.5	53.1
346	45.0	70.0	1.5	55.4
349	60.0	70.0	1.5	51.3
350	65.0	70.0	1.5	40.6
353	80.0	70.0	1.5	20.5
354	85.0	70.0	1.5	21.1
355	90.0	70.0	1.5	21.0
356	95.0	70.0	1.5	20.7
357	100.0	70.0	1.5	20.3
358	0.0	65.0	1.5	31.5
359	5.0	65.0	1.5	32.5
360	10.0	65.0	1.5	33.5
361	15.0	65.0	1.5	34.7
362	20.0	65.0	1.5	36.0
363	25.0	65.0	1.5	37.6
364	30.0	65.0	1.5	39.5

			wyniki	
365	35.0	65.0	1.5	41.3
366	40.0	65.0	1.5	50.2
367	45.0	65.0	1.5	51.4
371	65.0	65.0	1.5	29.3
372	70.0	65.0	1.5	39.5
373	75.0	65.0	1.5	26.5
374	80.0	65.0	1.5	21.1
375	85.0	65.0	1.5	21.0
376	90.0	65.0	1.5	20.9
377	95.0	65.0	1.5	20.6
378	100.0	65.0	1.5	20.2
379	0.0	60.0	1.5	31.5
380	5.0	60.0	1.5	32.4
381	10.0	60.0	1.5	33.4
382	15.0	60.0	1.5	34.5
383	20.0	60.0	1.5	35.8
384	25.0	60.0	1.5	37.3
385	30.0	60.0	1.5	38.9
386	35.0	60.0	1.5	39.6
387	40.0	60.0	1.5	47.5
388	45.0	60.0	1.5	43.8
389	50.0	60.0	1.5	32.2
390	55.0	60.0	1.5	29.7
391	60.0	60.0	1.5	28.0
392	65.0	60.0	1.5	26.3
393	70.0	60.0	1.5	28.7
394	75.0	60.0	1.5	37.7
395	80.0	60.0	1.5	36.6
396	85.0	60.0	1.5	24.8
397	90.0	60.0	1.5	21.4
398	95.0	60.0	1.5	20.4
399	100.0	60.0	1.5	20.0
400	0.0	55.0	1.5	31.4
401	5.0	55.0	1.5	32.3
402	10.0	55.0	1.5	33.3
403	15.0	55.0	1.5	34.3
404	20.0	55.0	1.5	35.6
405	25.0	55.0	1.5	36.9
406	30.0	55.0	1.5	38.4
407	35.0	55.0	1.5	44.4
408	40.0	55.0	1.5	45.2
409	45.0	55.0	1.5	40.1
410	50.0	55.0	1.5	31.8
411	55.0	55.0	1.5	29.3
412	60.0	55.0	1.5	25.6
413	65.0	55.0	1.5	24.9
416	80.0	55.0	1.5	33.8
417	85.0	55.0	1.5	35.2
418	90.0	55.0	1.5	34.4
419	95.0	55.0	1.5	23.1
420	100.0	55.0	1.5	20.4
421	0.0	50.0	1.5	31.3
422	5.0	50.0	1.5	32.2
423	10.0	50.0	1.5	33.1
424	15.0	50.0	1.5	34.1
425	20.0	50.0	1.5	35.3
426	25.0	50.0	1.5	36.5
427	30.0	50.0	1.5	37.8
428	35.0	50.0	1.5	40.8
429	40.0	50.0	1.5	43.3
430	45.0	50.0	1.5	37.2
433	60.0	50.0	1.5	25.0
434	65.0	50.0	1.5	24.6
435	70.0	50.0	1.5	24.4
436	75.0	50.0	1.5	25.1
437	80.0	50.0	1.5	26.2
438	85.0	50.0	1.5	27.7
439	90.0	50.0	1.5	34.0

			wyniki	
440	95.0	50.0	1.5	33.3
441	100.0	50.0	1.5	30.1
442	0.0	45.0	1.5	31.2
443	5.0	45.0	1.5	32.0
444	10.0	45.0	1.5	32.9
445	15.0	45.0	1.5	33.9
446	20.0	45.0	1.5	35.0
447	25.0	45.0	1.5	36.2
448	30.0	45.0	1.5	38.9
449	35.0	45.0	1.5	39.6
450	40.0	45.0	1.5	40.1
451	45.0	45.0	1.5	34.9
454	60.0	45.0	1.5	24.1
457	75.0	45.0	1.5	23.6
458	80.0	45.0	1.5	24.1
459	85.0	45.0	1.5	25.0
460	90.0	45.0	1.5	26.3
461	95.0	45.0	1.5	32.9
462	100.0	45.0	1.5	32.3
463	0.0	40.0	1.5	31.0
464	5.0	40.0	1.5	31.8
465	10.0	40.0	1.5	32.7
466	15.0	40.0	1.5	33.6
467	20.0	40.0	1.5	34.7
468	25.0	40.0	1.5	35.8
469	30.0	40.0	1.5	38.0
470	35.0	40.0	1.5	38.5
471	40.0	40.0	1.5	38.9
472	45.0	40.0	1.5	33.0
473	50.0	40.0	1.5	24.9
474	55.0	40.0	1.5	22.3
475	60.0	40.0	1.5	22.9
476	65.0	40.0	1.5	23.0
477	70.0	40.0	1.5	22.8
478	75.0	40.0	1.5	22.5
479	80.0	40.0	1.5	22.7
480	85.0	40.0	1.5	23.2
481	90.0	40.0	1.5	23.9
482	95.0	40.0	1.5	25.1
483	100.0	40.0	1.5	29.9
484	0.0	35.0	1.5	30.9
485	5.0	35.0	1.5	31.7
486	10.0	35.0	1.5	32.5
487	15.0	35.0	1.5	33.4
488	20.0	35.0	1.5	34.4
489	25.0	35.0	1.5	36.6
490	30.0	35.0	1.5	37.1
491	35.0	35.0	1.5	37.5
492	40.0	35.0	1.5	37.8
493	45.0	35.0	1.5	22.4
494	50.0	35.0	1.5	25.7
495	55.0	35.0	1.5	22.9
496	60.0	35.0	1.5	21.6
497	65.0	35.0	1.5	22.2
498	70.0	35.0	1.5	22.1
499	75.0	35.0	1.5	21.9
500	80.0	35.0	1.5	21.7
501	85.0	35.0	1.5	21.9
502	90.0	35.0	1.5	22.3
503	95.0	35.0	1.5	23.0
504	100.0	35.0	1.5	24.0
505	0.0	30.0	1.5	30.8
506	5.0	30.0	1.5	31.5
507	10.0	30.0	1.5	32.3
508	15.0	30.0	1.5	33.2
509	20.0	30.0	1.5	35.5
510	25.0	30.0	1.5	35.9
511	30.0	30.0	1.5	36.3

			wyniki	
512	35.0	30.0	1.5	36.6
513	40.0	30.0	1.5	26.8
514	45.0	30.0	1.5	21.6
515	50.0	30.0	1.5	25.9
516	55.0	30.0	1.5	20.4
517	60.0	30.0	1.5	20.7
518	65.0	30.0	1.5	21.5
519	70.0	30.0	1.5	21.3
520	75.0	30.0	1.5	21.2
521	80.0	30.0	1.5	21.0
522	85.0	30.0	1.5	20.9
523	90.0	30.0	1.5	21.2
524	95.0	30.0	1.5	21.5
525	100.0	30.0	1.5	22.2
526	0.0	25.0	1.5	30.6
527	5.0	25.0	1.5	31.3
528	10.0	25.0	1.5	32.1
529	15.0	25.0	1.5	32.9
530	20.0	25.0	1.5	34.8
531	25.0	25.0	1.5	35.2
532	30.0	25.0	1.5	35.5
533	35.0	25.0	1.5	35.8
534	40.0	25.0	1.5	22.8
535	45.0	25.0	1.5	20.8
536	50.0	25.0	1.5	20.4
537	55.0	25.0	1.5	20.3
538	60.0	25.0	1.5	20.2
539	65.0	25.0	1.5	20.8
540	70.0	25.0	1.5	20.6
541	75.0	25.0	1.5	20.5
542	80.0	25.0	1.5	20.4
543	85.0	25.0	1.5	20.2
544	90.0	25.0	1.5	20.2
545	95.0	25.0	1.5	20.5
546	100.0	25.0	1.5	20.8
547	0.0	20.0	1.5	30.5
548	5.0	20.0	1.5	31.2
549	10.0	20.0	1.5	31.9
550	15.0	20.0	1.5	33.9
551	20.0	20.0	1.5	34.2
552	25.0	20.0	1.5	34.6
553	30.0	20.0	1.5	34.8
554	35.0	20.0	1.5	35.1
555	40.0	20.0	1.5	20.7
556	45.0	20.0	1.5	20.1
557	50.0	20.0	1.5	20.1
558	55.0	20.0	1.5	20.1
559	60.0	20.0	1.5	20.0
560	65.0	20.0	1.5	20.1
561	70.0	20.0	1.5	20.0
562	75.0	20.0	1.5	19.9
563	80.0	20.0	1.5	19.8
564	85.0	20.0	1.5	19.6
565	90.0	20.0	1.5	19.4
566	95.0	20.0	1.5	19.6
567	100.0	20.0	1.5	19.8
568	0.0	15.0	1.5	30.3
569	5.0	15.0	1.5	31.0
570	10.0	15.0	1.5	31.7
571	15.0	15.0	1.5	33.4
572	20.0	15.0	1.5	33.7
573	25.0	15.0	1.5	33.9
574	30.0	15.0	1.5	34.2
575	35.0	15.0	1.5	34.4
576	40.0	15.0	1.5	26.9
577	45.0	15.0	1.5	27.0
578	50.0	15.0	1.5	24.7
579	55.0	15.0	1.5	19.5

			wyniki	
580	60.0	15.0	1.5	19.5
581	65.0	15.0	1.5	19.5
582	70.0	15.0	1.5	19.4
583	75.0	15.0	1.5	19.3
584	80.0	15.0	1.5	19.2
585	85.0	15.0	1.5	19.1
586	90.0	15.0	1.5	18.9
587	95.0	15.0	1.5	18.8
588	100.0	15.0	1.5	19.0
589	0.0	10.0	1.5	30.2
590	5.0	10.0	1.5	30.8
591	10.0	10.0	1.5	32.4
592	15.0	10.0	1.5	32.7
593	20.0	10.0	1.5	33.0
594	25.0	10.0	1.5	33.3
595	30.0	10.0	1.5	33.5
596	35.0	10.0	1.5	33.7
597	40.0	10.0	1.5	28.6
598	45.0	10.0	1.5	26.1
599	50.0	10.0	1.5	24.0
600	55.0	10.0	1.5	18.9
601	60.0	10.0	1.5	18.9
602	65.0	10.0	1.5	18.9
603	70.0	10.0	1.5	18.8
604	75.0	10.0	1.5	18.7
605	80.0	10.0	1.5	18.6
606	85.0	10.0	1.5	18.5
607	90.0	10.0	1.5	18.4
608	95.0	10.0	1.5	18.3
609	100.0	10.0	1.5	18.3
610	0.0	5.0	1.5	30.0
611	5.0	5.0	1.5	31.1
612	10.0	5.0	1.5	31.8
613	15.0	5.0	1.5	32.1
614	20.0	5.0	1.5	32.4
615	25.0	5.0	1.5	32.6
616	30.0	5.0	1.5	32.8
617	35.0	5.0	1.5	32.9
618	40.0	5.0	1.5	27.6
619	45.0	5.0	1.5	25.3
620	50.0	5.0	1.5	23.5
621	55.0	5.0	1.5	18.4
622	60.0	5.0	1.5	18.4
623	65.0	5.0	1.5	18.3
624	70.0	5.0	1.5	18.3
625	75.0	5.0	1.5	18.2
626	80.0	5.0	1.5	18.1
627	85.0	5.0	1.5	18.0
628	90.0	5.0	1.5	17.9
629	95.0	5.0	1.5	17.8
630	100.0	5.0	1.5	17.7
631	0.0	0.0	1.5	29.9
632	5.0	0.0	1.5	31.0
633	10.0	0.0	1.5	31.2
634	15.0	0.0	1.5	31.5
635	20.0	0.0	1.5	31.7
636	25.0	0.0	1.5	31.9
637	30.0	0.0	1.5	32.1
638	35.0	0.0	1.5	28.9
639	40.0	0.0	1.5	26.7
640	45.0	0.0	1.5	24.6
641	50.0	0.0	1.5	22.9
642	55.0	0.0	1.5	17.8
643	60.0	0.0	1.5	17.8
644	65.0	0.0	1.5	17.8
645	70.0	0.0	1.5	17.8
646	75.0	0.0	1.5	17.7
647	80.0	0.0	1.5	17.6

			wyniki	
648	85.0	0.0	1.5	17.6
649	90.0	0.0	1.5	17.5
650	95.0	0.0	1.5	17.4
651	100.0	0.0	1.5	17.3

LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (40,80,1.5) i wynosi 46.1 dB(A)

Tłumienie przez grunt wg wzoru 9 PN-ISO 9613.

Koniec obliczeń