

Dane i obliczenia-2

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HAŁAS PRZEMYSŁOWY i DROGOWY
 PROGRAM SON2 WERSJA 5.2

DANE WEJŚCIOWE

Rodzaj obliczeń: Poziom hałas równonoważnego

1. Nazwa projektu:
2. Temperatura powietrza [st C.] = 10
3. Wilgotność względna powietrza [%] = 70
4. Tło akustyczne dB(A):
 - Pora dnia : 0.0
 - Pora nocy : 0.0
5. Rodzaj gruntu : grunt mieszany, wskaźnik gruntu G = 0.50

6. Liniowe źródła hałasu

Lp	Symbol			Początek				koniec	
	z2	h2t	LAW 8hD	LAW 1hN	DO	y1	z1	h1t	x2 y2
	m	m	dB(A)	dB(A)	dB	m	m	m	m
1		rw1		110.0		113.3			
112.8	0.5	0.0	39.6			3	0.5	0.0	96.8
2		rw2		96.8		112.8			
139.8	0.5	0.0	39.6			3	0.5	0.0	92.8
3		rw3		92.8		139.8			
142.7	0.5	0.0	39.6			3	0.5	0.0	105.2
4		rw4		105.2		142.7			
154.3	0.5	0.0	39.6			3	0.5	0.0	103.2
5		rw5		103.2		154.3			
153.3	0.5	0.0	39.6			3	0.5	0.0	92.3
6		rw6		92.3		153.3			
143.4	0.5	0.0	39.6			3	0.5	0.0	92.8
7		rw7		92.8		143.4			
143.5	0.5	0.0	39.6			3	0.5	0.0	99.8
8		rw8		99.8		143.5			
139.5	0.5	0.0	39.6			3	0.5	0.0	101.7
9		rp		127.7		95.8			
91.7	0.5	0.0	63.2			3	0.5	0.0	109.3
10		rp		109.3		91.7			
114.3	0.5	0.0	64.6			3	0.5	0.0	105.2
11		rp		105.2		114.3			
114.3	0.5	0.0	64.6			3	0.5	0.0	101.9
12		rp		101.9		114.3			
110.8	0.5	0.0	64.6			3	0.5	0.0	102.5
13		rp		102.5		110.8			
111.8	0.5	0.0	64.6			3	0.5	0.0	109.6
14		rp		109.6		111.8			
109.1	0.5	0.0	64.6			3	0.5	0.0	110.0
15		rp		110.0		109.1			
107.9	0.5	0.0	64.6			3	0.5	0.0	103.2
16		rp		103.2		107.9			
							0.5	0.0	106.4

Dane i obliczenia-2								
91.6	0.5	0.0	70.4	106.4	91.6	0.5	0.0	109.3
17	rp			3	3			
91.6	0.5	0.0	70.4					

z - wysokość źródła nad gruntem ; ht - wysokość gruntu względem płaszczyzny odniesienia

LAW 8hD - równoważny poziom mocy akustycznej źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia

LAW 1hN - równoważny poziom mocy akustycznej źródła w przedziale 1 najmniej korzystnej godziny nocy

7. Źródła hałasu typu budynek

Lp	Symbol			współrzędne wierzchołków źródła [m]						
	ho	h1	ht	A(x1, y1)			B(x2, y2)		C(x3, y3)	
D(x4, y4)	m	m	m							
1	Źródło	1		96.1	136.4	107.9	137.8	111.0	118.2	99.0
116.5	0.0	6.0	0.0							

7.1 Opis ścian budynków

Lp	Budynek		wielkość	Jedn.	Ściana AB	Ściana BC
Ściana CD	Ściana DA	dach				
1	Źródło	1	wsp. odbicia	-	1.0	1.0
0.8	1.0	0.8				
85.0	85.0	LAWew dzień	85.0	dB(A)	85.0	85.0
		Izolacyjność		dB(A)	25.0	25.0
25.0	25.0	40.0				

ho,h1 - odpowiednio wysokość podstawy i wysokość źródła nad gruntem

ht - wysokość gruntu względem płaszczyzny odniesienia

LAWew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia

Koniec danych

L_{Aeq} , pory dnia i nocy

Nr punktu	współrzędne punktów			wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
1	0.0	300.0	1.5	0.0	22.6	
2	10.0	300.0	1.5	0.0	22.8	
3	20.0	300.0	1.5	0.0	23.0	
4	30.0	300.0	1.5	0.0	23.1	
5	40.0	300.0	1.5	0.0	23.1	
6	50.0	300.0	1.5	0.0	23.2	
7	60.0	300.0	1.5	0.0	23.2	
8	70.0	300.0	1.5	0.0	23.3	
9	80.0	300.0	1.5	0.0	21.8	
10	90.0	300.0	1.5	0.0	23.5	

Dane i obliczenia-2					
11	100.0	300.0	1.5	0.0	23.5
12	110.0	300.0	1.5	0.0	23.5
13	120.0	300.0	1.5	0.0	23.5
14	130.0	300.0	1.5	0.0	23.5
15	140.0	300.0	1.5	0.0	23.6
16	150.0	300.0	1.5	0.0	23.5
17	160.0	300.0	1.5	0.0	23.5
18	170.0	300.0	1.5	0.0	23.3
19	180.0	300.0	1.5	0.0	23.3
20	190.0	300.0	1.5	0.0	23.1
21	200.0	300.0	1.5	0.0	23.0
22	210.0	300.0	1.5	0.0	22.8
23	220.0	300.0	1.5	0.0	22.5
24	0.0	290.0	1.5	0.0	23.0
25	10.0	290.0	1.5	0.0	23.1
26	20.0	290.0	1.5	0.0	23.3
27	30.0	290.0	1.5	0.0	23.5
28	40.0	290.0	1.5	0.0	23.5
29	50.0	290.0	1.5	0.0	23.6
30	60.0	290.0	1.5	0.0	23.7
31	70.0	290.0	1.5	0.0	23.8
32	80.0	290.0	1.5	0.0	22.3
33	90.0	290.0	1.5	0.0	23.9
34	100.0	290.0	1.5	0.0	24.0
35	110.0	290.0	1.5	0.0	24.0
36	120.0	290.0	1.5	0.0	24.0
37	130.0	290.0	1.5	0.0	24.0
38	140.0	290.0	1.5	0.0	24.1
39	150.0	290.0	1.5	0.0	24.0
40	160.0	290.0	1.5	0.0	23.9
41	170.0	290.0	1.5	0.0	23.8
42	180.0	290.0	1.5	0.0	23.7
43	190.0	290.0	1.5	0.0	23.5
44	200.0	290.0	1.5	0.0	23.3
45	210.0	290.0	1.5	0.0	23.1
46	220.0	290.0	1.5	0.0	22.9
47	0.0	280.0	1.5	0.0	23.3
48	10.0	280.0	1.5	0.0	23.6
49	20.0	280.0	1.5	0.0	23.8
50	30.0	280.0	1.5	0.0	24.0
51	40.0	280.0	1.5	0.0	24.1
52	50.0	280.0	1.5	0.0	24.1
53	60.0	280.0	1.5	0.0	24.2
54	70.0	280.0	1.5	0.0	24.3
55	80.0	280.0	1.5	0.0	22.8
56	90.0	280.0	1.5	0.0	24.4
57	100.0	280.0	1.5	0.0	24.5
58	110.0	280.0	1.5	0.0	24.5
59	120.0	280.0	1.5	0.0	24.5
60	130.0	280.0	1.5	0.0	24.6
61	140.0	280.0	1.5	0.0	24.5
62	150.0	280.0	1.5	0.0	24.5
63	160.0	280.0	1.5	0.0	24.4
64	170.0	280.0	1.5	0.0	24.3
65	180.0	280.0	1.5	0.0	24.1
66	190.0	280.0	1.5	0.0	23.9
67	200.0	280.0	1.5	0.0	23.7
68	210.0	280.0	1.5	0.0	23.5
69	220.0	280.0	1.5	0.0	23.3
70	0.0	270.0	1.5	0.0	23.7
71	10.0	270.0	1.5	0.0	24.0
72	20.0	270.0	1.5	0.0	24.2
73	30.0	270.0	1.5	0.0	24.4
74	40.0	270.0	1.5	0.0	24.6
75	50.0	270.0	1.5	0.0	24.6
76	60.0	270.0	1.5	0.0	24.7
77	70.0	270.0	1.5	0.0	24.8
78	80.0	270.0	1.5	0.0	23.3
79	90.0	270.0	1.5	0.0	25.0

Dane i obliczenia-2					
80	100.0	270.0	1.5	0.0	25.0
81	110.0	270.0	1.5	0.0	25.1
82	120.0	270.0	1.5	0.0	25.0
83	130.0	270.0	1.5	0.0	25.1
84	140.0	270.0	1.5	0.0	25.1
85	150.0	270.0	1.5	0.0	25.0
86	160.0	270.0	1.5	0.0	24.9
87	170.0	270.0	1.5	0.0	24.8
88	180.0	270.0	1.5	0.0	24.6
89	190.0	270.0	1.5	0.0	24.4
90	200.0	270.0	1.5	0.0	24.1
91	210.0	270.0	1.5	0.0	23.9
92	220.0	270.0	1.5	0.0	23.6
93	0.0	260.0	1.5	0.0	24.1
94	10.0	260.0	1.5	0.0	24.4
95	20.0	260.0	1.5	0.0	24.6
96	30.0	260.0	1.5	0.0	24.9
97	40.0	260.0	1.5	0.0	25.1
98	50.0	260.0	1.5	0.0	25.1
99	60.0	260.0	1.5	0.0	25.2
100	70.0	260.0	1.5	0.0	25.3
101	80.0	260.0	1.5	0.0	23.9
102	90.0	260.0	1.5	0.0	23.9
103	100.0	260.0	1.5	0.0	25.6
104	110.0	260.0	1.5	0.0	25.7
105	120.0	260.0	1.5	0.0	25.6
106	130.0	260.0	1.5	0.0	25.7
107	140.0	260.0	1.5	0.0	25.6
108	150.0	260.0	1.5	0.0	25.5
109	160.0	260.0	1.5	0.0	25.5
110	170.0	260.0	1.5	0.0	25.2
111	180.0	260.0	1.5	0.0	25.0
112	190.0	260.0	1.5	0.0	24.8
113	200.0	260.0	1.5	0.0	24.5
114	210.0	260.0	1.5	0.0	24.3
115	220.0	260.0	1.5	0.0	24.0
116	0.0	250.0	1.5	0.0	24.5
117	10.0	250.0	1.5	0.0	24.8
118	20.0	250.0	1.5	0.0	25.1
119	30.0	250.0	1.5	0.0	25.3
120	40.0	250.0	1.5	0.0	25.6
121	50.0	250.0	1.5	0.0	25.8
122	60.0	250.0	1.5	0.0	25.8
123	70.0	250.0	1.5	0.0	26.0
124	80.0	250.0	1.5	0.0	24.5
125	90.0	250.0	1.5	0.0	24.6
126	100.0	250.0	1.5	0.0	26.3
127	110.0	250.0	1.5	0.0	26.4
128	120.0	250.0	1.5	0.0	26.3
129	130.0	250.0	1.5	0.0	26.4
130	140.0	250.0	1.5	0.0	26.3
131	150.0	250.0	1.5	0.0	26.1
132	160.0	250.0	1.5	0.0	26.0
133	170.0	250.0	1.5	0.0	25.8
134	180.0	250.0	1.5	0.0	25.5
135	190.0	250.0	1.5	0.0	25.2
136	200.0	250.0	1.5	0.0	25.0
137	210.0	250.0	1.5	0.0	24.7
138	220.0	250.0	1.5	0.0	24.4
139	0.0	240.0	1.5	0.0	25.0
140	10.0	240.0	1.5	0.0	25.3
141	20.0	240.0	1.5	0.0	25.6
142	30.0	240.0	1.5	0.0	25.9
143	40.0	240.0	1.5	0.0	26.2
144	50.0	240.0	1.5	0.0	26.5
145	60.0	240.0	1.5	0.0	26.6
146	70.0	240.0	1.5	0.0	26.7
147	80.0	240.0	1.5	0.0	26.9
148	90.0	240.0	1.5	0.0	25.4

Dane i obliczenia-2					
149	100.0	240.0	1.5	0.0	27.1
150	110.0	240.0	1.5	0.0	27.2
151	120.0	240.0	1.5	0.0	27.1
152	130.0	240.0	1.5	0.0	27.1
153	140.0	240.0	1.5	0.0	27.0
154	150.0	240.0	1.5	0.0	26.8
155	160.0	240.0	1.5	0.0	26.6
156	170.0	240.0	1.5	0.0	26.4
157	180.0	240.0	1.5	0.0	26.0
158	190.0	240.0	1.5	0.0	25.7
159	200.0	240.0	1.5	0.0	25.4
160	210.0	240.0	1.5	0.0	25.1
161	220.0	240.0	1.5	0.0	24.7
162	0.0	230.0	1.5	0.0	25.4
163	10.0	230.0	1.5	0.0	25.7
164	20.0	230.0	1.5	0.0	26.1
165	30.0	230.0	1.5	0.0	26.5
166	40.0	230.0	1.5	0.0	26.8
167	50.0	230.0	1.5	0.0	27.2
168	60.0	230.0	1.5	0.0	27.3
169	70.0	230.0	1.5	0.0	27.5
170	80.0	230.0	1.5	0.0	27.7
171	90.0	230.0	1.5	0.0	26.2
172	100.0	230.0	1.5	0.0	28.0
173	110.0	230.0	1.5	0.0	28.0
174	120.0	230.0	1.5	0.0	28.0
175	130.0	230.0	1.5	0.0	28.0
176	140.0	230.0	1.5	0.0	27.8
177	150.0	230.0	1.5	0.0	27.7
178	160.0	230.0	1.5	0.0	27.3
179	170.0	230.0	1.5	0.0	27.0
180	180.0	230.0	1.5	0.0	26.6
181	190.0	230.0	1.5	0.0	26.2
182	200.0	230.0	1.5	0.0	25.8
183	210.0	230.0	1.5	0.0	25.5
184	220.0	230.0	1.5	0.0	25.1
185	0.0	220.0	1.5	0.0	25.8
186	10.0	220.0	1.5	0.0	26.3
187	20.0	220.0	1.5	0.0	26.7
188	30.0	220.0	1.5	0.0	27.1
189	40.0	220.0	1.5	0.0	27.5
190	50.0	220.0	1.5	0.0	27.9
191	60.0	220.0	1.5	0.0	28.3
192	70.0	220.0	1.5	0.0	28.4
193	80.0	220.0	1.5	0.0	28.6
194	90.0	220.0	1.5	0.0	27.1
195	100.0	220.0	1.5	0.0	28.9
196	110.0	220.0	1.5	0.0	29.0
197	120.0	220.0	1.5	0.0	28.9
198	130.0	220.0	1.5	0.0	28.9
199	140.0	220.0	1.5	0.0	28.7
200	150.0	220.0	1.5	0.0	28.5
201	160.0	220.0	1.5	0.0	28.1
202	170.0	220.0	1.5	0.0	27.7
203	180.0	220.0	1.5	0.0	27.2
204	190.0	220.0	1.5	0.0	26.8
205	200.0	220.0	1.5	0.0	26.3
206	210.0	220.0	1.5	0.0	25.9
207	220.0	220.0	1.5	0.0	25.4
208	0.0	210.0	1.5	0.0	26.3
209	10.0	210.0	1.5	0.0	26.8
210	20.0	210.0	1.5	0.0	27.3
211	30.0	210.0	1.5	0.0	27.8
212	40.0	210.0	1.5	0.0	28.3
213	50.0	210.0	1.5	0.0	28.7
214	60.0	210.0	1.5	0.0	29.2
215	70.0	210.0	1.5	0.0	29.4
216	80.0	210.0	1.5	0.0	29.6
217	90.0	210.0	1.5	0.0	28.1

Dane i obliczenia-2					
218	100.0	210.0	1.5	0.0	30.0
219	110.0	210.0	1.5	0.0	30.0
220	120.0	210.0	1.5	0.0	30.0
221	130.0	210.0	1.5	0.0	29.9
222	140.0	210.0	1.5	0.0	29.6
223	150.0	210.0	1.5	0.0	29.3
224	160.0	210.0	1.5	0.0	28.9
225	170.0	210.0	1.5	0.0	28.4
226	180.0	210.0	1.5	0.0	27.9
227	190.0	210.0	1.5	0.0	27.3
228	200.0	210.0	1.5	0.0	26.8
229	210.0	210.0	1.5	0.0	26.3
230	220.0	210.0	1.5	0.0	25.8
231	0.0	200.0	1.5	0.0	26.8
232	10.0	200.0	1.5	0.0	27.3
233	20.0	200.0	1.5	0.0	27.9
234	30.0	200.0	1.5	0.0	28.5
235	40.0	200.0	1.5	0.0	29.1
236	50.0	200.0	1.5	0.0	29.6
237	60.0	200.0	1.5	0.0	30.1
238	70.0	200.0	1.5	0.0	30.5
239	80.0	200.0	1.5	0.0	30.8
240	90.0	200.0	1.5	0.0	29.3
241	100.0	200.0	1.5	0.0	31.2
242	110.0	200.0	1.5	0.0	31.3
243	120.0	200.0	1.5	0.0	31.2
244	130.0	200.0	1.5	0.0	31.0
245	140.0	200.0	1.5	0.0	30.7
246	150.0	200.0	1.5	0.0	30.3
247	160.0	200.0	1.5	0.0	29.7
248	170.0	200.0	1.5	0.0	29.2
249	180.0	200.0	1.5	0.0	28.5
250	190.0	200.0	1.5	0.0	27.9
251	200.0	200.0	1.5	0.0	27.3
252	210.0	200.0	1.5	0.0	26.7
253	220.0	200.0	1.5	0.0	26.2
254	0.0	190.0	1.5	0.0	27.2
255	10.0	190.0	1.5	0.0	27.9
256	20.0	190.0	1.5	0.0	28.5
257	30.0	190.0	1.5	0.0	29.2
258	40.0	190.0	1.5	0.0	29.9
259	50.0	190.0	1.5	0.0	30.5
260	60.0	190.0	1.5	0.0	31.2
261	70.0	190.0	1.5	0.0	31.8
262	80.0	190.0	1.5	0.0	32.0
263	90.0	190.0	1.5	0.0	30.5
264	100.0	190.0	1.5	0.0	30.8
265	110.0	190.0	1.5	0.0	32.7
266	120.0	190.0	1.5	0.0	32.6
267	130.0	190.0	1.5	0.0	32.3
268	140.0	190.0	1.5	0.0	31.9
269	150.0	190.0	1.5	0.0	31.3
270	160.0	190.0	1.5	0.0	30.6
271	170.0	190.0	1.5	0.0	29.9
272	180.0	190.0	1.5	0.0	29.2
273	190.0	190.0	1.5	0.0	28.5
274	200.0	190.0	1.5	0.0	27.8
275	210.0	190.0	1.5	0.0	27.2
276	220.0	190.0	1.5	0.0	26.6
277	0.0	180.0	1.5	0.0	27.7
278	10.0	180.0	1.5	0.0	28.4
279	20.0	180.0	1.5	0.0	29.1
280	30.0	180.0	1.5	0.0	29.9
281	40.0	180.0	1.5	0.0	30.7
282	50.0	180.0	1.5	0.0	31.5
283	60.0	180.0	1.5	0.0	32.3
284	70.0	180.0	1.5	0.0	33.0
285	80.0	180.0	1.5	0.0	33.5
286	90.0	180.0	1.5	0.0	32.1

Dane i obliczenia-2					
287	100.0	180.0	1.5	0.0	32.3
288	110.0	180.0	1.5	0.0	34.3
289	120.0	180.0	1.5	0.0	34.2
290	130.0	180.0	1.5	0.0	33.7
291	140.0	180.0	1.5	0.0	33.2
292	150.0	180.0	1.5	0.0	32.4
293	160.0	180.0	1.5	0.0	31.5
294	170.0	180.0	1.5	0.0	30.7
295	180.0	180.0	1.5	0.0	29.9
296	190.0	180.0	1.5	0.0	29.1
297	200.0	180.0	1.5	0.0	28.3
298	210.0	180.0	1.5	0.0	27.6
299	220.0	180.0	1.5	0.0	27.0
300	0.0	170.0	1.5	0.0	28.1
301	10.0	170.0	1.5	0.0	28.9
302	20.0	170.0	1.5	0.0	29.7
303	30.0	170.0	1.5	0.0	30.6
304	40.0	170.0	1.5	0.0	31.5
305	50.0	170.0	1.5	0.0	32.5
306	60.0	170.0	1.5	0.0	33.5
307	70.0	170.0	1.5	0.0	34.5
308	80.0	170.0	1.5	0.0	35.3
309	90.0	170.0	1.5	0.0	35.8
310	100.0	170.0	1.5	0.0	34.2
311	110.0	170.0	1.5	0.0	36.3
312	120.0	170.0	1.5	0.0	36.0
313	130.0	170.0	1.5	0.0	35.4
314	140.0	170.0	1.5	0.0	34.5
315	150.0	170.0	1.5	0.0	33.5
316	160.0	170.0	1.5	0.0	32.5
317	170.0	170.0	1.5	0.0	31.5
318	180.0	170.0	1.5	0.0	30.5
319	190.0	170.0	1.5	0.0	29.6
320	200.0	170.0	1.5	0.0	28.8
321	210.0	170.0	1.5	0.0	28.0
322	220.0	170.0	1.5	0.0	27.3
323	0.0	160.0	1.5	0.0	28.5
324	10.0	160.0	1.5	0.0	29.3
325	20.0	160.0	1.5	0.0	30.2
326	30.0	160.0	1.5	0.0	31.2
327	40.0	160.0	1.5	0.0	32.3
328	50.0	160.0	1.5	0.0	33.5
329	60.0	160.0	1.5	0.0	34.7
330	70.0	160.0	1.5	0.0	36.0
331	80.0	160.0	1.5	0.0	37.1
332	90.0	160.0	1.5	0.0	38.0
333	100.0	160.0	1.5	0.0	36.5
334	110.0	160.0	1.5	0.0	38.7
335	120.0	160.0	1.5	0.0	38.1
336	130.0	160.0	1.5	0.0	37.0
337	140.0	160.0	1.5	0.0	36.0
338	150.0	160.0	1.5	0.0	34.6
339	160.0	160.0	1.5	0.0	33.4
340	170.0	160.0	1.5	0.0	32.2
341	180.0	160.0	1.5	0.0	31.1
342	190.0	160.0	1.5	0.0	30.2
343	200.0	160.0	1.5	0.0	29.2
344	210.0	160.0	1.5	0.0	28.4
345	220.0	160.0	1.5	0.0	27.6
346	0.0	150.0	1.5	0.0	28.8
347	10.0	150.0	1.5	0.0	29.7
348	20.0	150.0	1.5	0.0	30.7
349	30.0	150.0	1.5	0.0	31.8
350	40.0	150.0	1.5	0.0	33.0
351	50.0	150.0	1.5	0.0	34.4
352	60.0	150.0	1.5	0.0	35.9
353	70.0	150.0	1.5	0.0	37.4
354	80.0	150.0	1.5	0.0	39.4
355	90.0	150.0	1.5	0.0	41.2

Dane i obliczenia-2					
356	100.0	150.0	1.5	0.0	39.9
357	110.0	150.0	1.5	0.0	42.5
358	120.0	150.0	1.5	0.0	41.1
359	130.0	150.0	1.5	0.0	39.1
360	140.0	150.0	1.5	0.0	37.1
361	150.0	150.0	1.5	0.0	35.7
362	160.0	150.0	1.5	0.0	34.2
363	170.0	150.0	1.5	0.0	32.8
364	180.0	150.0	1.5	0.0	31.7
365	190.0	150.0	1.5	0.0	30.6
366	200.0	150.0	1.5	0.0	28.8
367	210.0	150.0	1.5	0.0	27.9
368	220.0	150.0	1.5	0.0	27.1
369	0.0	140.0	1.5	0.0	29.0
370	10.0	140.0	1.5	0.0	29.9
371	20.0	140.0	1.5	0.0	31.0
372	30.0	140.0	1.5	0.0	32.2
373	40.0	140.0	1.5	0.0	33.6
374	50.0	140.0	1.5	0.0	35.1
375	60.0	140.0	1.5	0.0	37.0
376	70.0	140.0	1.5	0.0	38.9
377	80.0	140.0	1.5	0.0	41.8
378	90.0	140.0	1.5	0.0	46.0
379	100.0	140.0	1.5	0.0	45.1
380	110.0	140.0	1.5	0.0	50.2
381	120.0	140.0	1.5	0.0	44.6
382	130.0	140.0	1.5	0.0	40.7
383	140.0	140.0	1.5	0.0	37.9
384	150.0	140.0	1.5	0.0	36.1
385	160.0	140.0	1.5	0.0	34.3
386	170.0	140.0	1.5	0.0	32.7
387	180.0	140.0	1.5	0.0	31.3
388	190.0	140.0	1.5	0.0	30.1
389	200.0	140.0	1.5	0.0	29.1
390	210.0	140.0	1.5	0.0	28.1
391	220.0	140.0	1.5	0.0	27.3
392	0.0	130.0	1.5	0.0	29.1
393	10.0	130.0	1.5	0.0	30.1
394	20.0	130.0	1.5	0.0	31.2
395	30.0	130.0	1.5	0.0	32.5
396	40.0	130.0	1.5	0.0	33.9
397	50.0	130.0	1.5	0.0	35.6
398	60.0	130.0	1.5	0.0	36.7
399	70.0	130.0	1.5	0.0	39.5
400	80.0	130.0	1.5	0.0	43.0
401	90.0	130.0	1.5	0.0	49.0
404	120.0	130.0	1.5	0.0	46.7
405	130.0	130.0	1.5	0.0	42.0
406	140.0	130.0	1.5	0.0	38.8
407	150.0	130.0	1.5	0.0	36.6
408	160.0	130.0	1.5	0.0	34.6
409	170.0	130.0	1.5	0.0	33.0
410	180.0	130.0	1.5	0.0	31.6
411	190.0	130.0	1.5	0.0	30.3
412	200.0	130.0	1.5	0.0	29.9
413	210.0	130.0	1.5	0.0	28.9
414	220.0	130.0	1.5	0.0	28.1
415	0.0	120.0	1.5	0.0	28.4
416	10.0	120.0	1.5	0.0	29.4
417	20.0	120.0	1.5	0.0	30.6
418	30.0	120.0	1.5	0.0	31.8
419	40.0	120.0	1.5	0.0	33.3
420	50.0	120.0	1.5	0.0	35.1
421	60.0	120.0	1.5	0.0	36.8
422	70.0	120.0	1.5	0.0	39.5
423	80.0	120.0	1.5	0.0	43.0
424	90.0	120.0	1.5	0.0	48.3
427	120.0	120.0	1.5	0.0	47.1
428	130.0	120.0	1.5	0.0	42.6

Dane i obliczenia-2					
429	140.0	120.0	1.5	0.0	39.4
430	150.0	120.0	1.5	0.0	37.3
431	160.0	120.0	1.5	0.0	35.3
432	170.0	120.0	1.5	0.0	33.6
433	180.0	120.0	1.5	0.0	32.2
434	190.0	120.0	1.5	0.0	31.0
435	200.0	120.0	1.5	0.0	29.9
436	210.0	120.0	1.5	0.0	28.9
437	220.0	120.0	1.5	0.0	28.1
438	0.0	110.0	1.5	0.0	28.4
439	10.0	110.0	1.5	0.0	29.4
440	20.0	110.0	1.5	0.0	30.5
441	30.0	110.0	1.5	0.0	31.7
442	40.0	110.0	1.5	0.0	33.1
443	50.0	110.0	1.5	0.0	34.8
444	60.0	110.0	1.5	0.0	37.3
445	70.0	110.0	1.5	0.0	39.4
446	80.0	110.0	1.5	0.0	42.2
447	90.0	110.0	1.5	0.0	46.0
448	100.0	110.0	1.5	0.0	52.3
449	110.0	110.0	1.5	0.0	57.9
450	120.0	110.0	1.5	0.0	46.1
451	130.0	110.0	1.5	0.0	42.1
452	140.0	110.0	1.5	0.0	39.1
453	150.0	110.0	1.5	0.0	37.0
454	160.0	110.0	1.5	0.0	35.0
455	170.0	110.0	1.5	0.0	33.4
456	180.0	110.0	1.5	0.0	32.1
457	190.0	110.0	1.5	0.0	30.9
458	200.0	110.0	1.5	0.0	29.8
459	210.0	110.0	1.5	0.0	28.9
460	220.0	110.0	1.5	0.0	28.0
461	0.0	100.0	1.5	0.0	28.9
462	10.0	100.0	1.5	0.0	29.8
463	20.0	100.0	1.5	0.0	30.9
464	30.0	100.0	1.5	0.0	32.0
465	40.0	100.0	1.5	0.0	33.3
466	50.0	100.0	1.5	0.0	34.8
467	60.0	100.0	1.5	0.0	36.5
468	70.0	100.0	1.5	0.0	38.3
469	80.0	100.0	1.5	0.0	40.8
470	90.0	100.0	1.5	0.0	44.2
471	100.0	100.0	1.5	0.0	49.9
472	110.0	100.0	1.5	0.0	50.9
473	120.0	100.0	1.5	0.0	45.7
474	130.0	100.0	1.5	0.0	42.0
475	140.0	100.0	1.5	0.0	38.8
476	150.0	100.0	1.5	0.0	36.5
477	160.0	100.0	1.5	0.0	34.7
478	170.0	100.0	1.5	0.0	33.2
479	180.0	100.0	1.5	0.0	31.9
480	190.0	100.0	1.5	0.0	30.7
481	200.0	100.0	1.5	0.0	29.7
482	210.0	100.0	1.5	0.0	28.7
483	220.0	100.0	1.5	0.0	27.9
484	0.0	90.0	1.5	0.0	28.7
485	10.0	90.0	1.5	0.0	29.5
486	20.0	90.0	1.5	0.0	30.5
487	30.0	90.0	1.5	0.0	31.6
488	40.0	90.0	1.5	0.0	32.8
489	50.0	90.0	1.5	0.0	34.1
490	60.0	90.0	1.5	0.0	35.6
491	70.0	90.0	1.5	0.0	37.4
492	80.0	90.0	1.5	0.0	39.5
493	90.0	90.0	1.5	0.0	42.4
494	100.0	90.0	1.5	0.0	47.8
495	110.0	90.0	1.5	0.0	55.5
496	120.0	90.0	1.5	0.0	45.5
497	130.0	90.0	1.5	0.0	41.2

Dane i obliczenia-2					
498	140.0	90.0	1.5	0.0	37.9
499	150.0	90.0	1.5	0.0	35.7
500	160.0	90.0	1.5	0.0	34.1
501	170.0	90.0	1.5	0.0	32.7
502	180.0	90.0	1.5	0.0	31.5
503	190.0	90.0	1.5	0.0	30.4
504	200.0	90.0	1.5	0.0	29.5
505	210.0	90.0	1.5	0.0	28.5
506	220.0	90.0	1.5	0.0	27.7
507	0.0	80.0	1.5	0.0	28.4
508	10.0	80.0	1.5	0.0	29.2
509	20.0	80.0	1.5	0.0	30.1
510	30.0	80.0	1.5	0.0	31.0
511	40.0	80.0	1.5	0.0	32.1
512	50.0	80.0	1.5	0.0	33.2
513	60.0	80.0	1.5	0.0	34.6
514	70.0	80.0	1.5	0.0	36.1
515	80.0	80.0	1.5	0.0	37.8
516	90.0	80.0	1.5	0.0	39.9
517	100.0	80.0	1.5	0.0	42.5
518	110.0	80.0	1.5	0.0	43.3
519	120.0	80.0	1.5	0.0	41.3
520	130.0	80.0	1.5	0.0	38.7
521	140.0	80.0	1.5	0.0	36.5
522	150.0	80.0	1.5	0.0	34.8
523	160.0	80.0	1.5	0.0	33.3
524	170.0	80.0	1.5	0.0	32.1
525	180.0	80.0	1.5	0.0	31.0
526	190.0	80.0	1.5	0.0	30.0
527	200.0	80.0	1.5	0.0	29.1
528	210.0	80.0	1.5	0.0	28.3
529	220.0	80.0	1.5	0.0	27.5
530	0.0	70.0	1.5	0.0	28.0
531	10.0	70.0	1.5	0.0	28.8
532	20.0	70.0	1.5	0.0	29.6
533	30.0	70.0	1.5	0.0	30.4
534	40.0	70.0	1.5	0.0	31.4
535	50.0	70.0	1.5	0.0	32.4
536	60.0	70.0	1.5	0.0	33.5
537	70.0	70.0	1.5	0.0	34.7
538	80.0	70.0	1.5	0.0	36.0
539	90.0	70.0	1.5	0.0	37.3
540	100.0	70.0	1.5	0.0	38.5
541	110.0	70.0	1.5	0.0	38.4
542	120.0	70.0	1.5	0.0	38.0
543	130.0	70.0	1.5	0.0	36.7
544	140.0	70.0	1.5	0.0	35.1
545	150.0	70.0	1.5	0.0	33.7
546	160.0	70.0	1.5	0.0	32.5
547	170.0	70.0	1.5	0.0	31.4
548	180.0	70.0	1.5	0.0	30.4
549	190.0	70.0	1.5	0.0	29.5
550	200.0	70.0	1.5	0.0	28.7
551	210.0	70.0	1.5	0.0	28.0
552	220.0	70.0	1.5	0.0	27.2
553	0.0	60.0	1.5	0.0	27.6
554	10.0	60.0	1.5	0.0	28.3
555	20.0	60.0	1.5	0.0	29.0
556	30.0	60.0	1.5	0.0	29.8
557	40.0	60.0	1.5	0.0	30.7
558	50.0	60.0	1.5	0.0	31.6
559	60.0	60.0	1.5	0.0	32.5
560	70.0	60.0	1.5	0.0	33.3
561	80.0	60.0	1.5	0.0	34.3
562	90.0	60.0	1.5	0.0	35.1
563	100.0	60.0	1.5	0.0	35.9
564	110.0	60.0	1.5	0.0	35.3
565	120.0	60.0	1.5	0.0	35.5
566	130.0	60.0	1.5	0.0	34.8

Dane i obliczenia-2					
567	140.0	60.0	1.5	0.0	33.7
568	150.0	60.0	1.5	0.0	32.7
569	160.0	60.0	1.5	0.0	31.6
570	170.0	60.0	1.5	0.0	30.7
571	180.0	60.0	1.5	0.0	29.9
572	190.0	60.0	1.5	0.0	29.0
573	200.0	60.0	1.5	0.0	28.3
574	210.0	60.0	1.5	0.0	27.6
575	220.0	60.0	1.5	0.0	26.9
576	0.0	50.0	1.5	0.0	27.2
577	10.0	50.0	1.5	0.0	27.8
578	20.0	50.0	1.5	0.0	28.5
579	30.0	50.0	1.5	0.0	29.2
580	40.0	50.0	1.5	0.0	30.0
581	50.0	50.0	1.5	0.0	30.7
582	60.0	50.0	1.5	0.0	31.4
583	70.0	50.0	1.5	0.0	32.1
584	80.0	50.0	1.5	0.0	32.8
585	90.0	50.0	1.5	0.0	33.4
586	100.0	50.0	1.5	0.0	33.9
587	110.0	50.0	1.5	0.0	33.2
588	120.0	50.0	1.5	0.0	32.9
589	130.0	50.0	1.5	0.0	33.2
590	140.0	50.0	1.5	0.0	32.5
591	150.0	50.0	1.5	0.0	31.6
592	160.0	50.0	1.5	0.0	30.7
593	170.0	50.0	1.5	0.0	29.9
594	180.0	50.0	1.5	0.0	29.2
595	190.0	50.0	1.5	0.0	28.5
596	200.0	50.0	1.5	0.0	27.8
597	210.0	50.0	1.5	0.0	27.2
598	220.0	50.0	1.5	0.0	26.6
599	0.0	40.0	1.5	0.0	26.7
600	10.0	40.0	1.5	0.0	27.3
601	20.0	40.0	1.5	0.0	27.9
602	30.0	40.0	1.5	0.0	28.6
603	40.0	40.0	1.5	0.0	29.2
604	50.0	40.0	1.5	0.0	29.8
605	60.0	40.0	1.5	0.0	30.4
606	70.0	40.0	1.5	0.0	31.1
607	80.0	40.0	1.5	0.0	31.6
608	90.0	40.0	1.5	0.0	31.9
609	100.0	40.0	1.5	0.0	32.4
610	110.0	40.0	1.5	0.0	32.3
611	120.0	40.0	1.5	0.0	31.4
612	130.0	40.0	1.5	0.0	31.8
613	140.0	40.0	1.5	0.0	31.4
614	150.0	40.0	1.5	0.0	30.6
615	160.0	40.0	1.5	0.0	30.0
616	170.0	40.0	1.5	0.0	29.2
617	180.0	40.0	1.5	0.0	28.6
618	190.0	40.0	1.5	0.0	28.0
619	200.0	40.0	1.5	0.0	27.4
620	210.0	40.0	1.5	0.0	26.7
621	220.0	40.0	1.5	0.0	26.2
622	0.0	30.0	1.5	0.0	26.3
623	10.0	30.0	1.5	0.0	26.9
624	20.0	30.0	1.5	0.0	27.4
625	30.0	30.0	1.5	0.0	27.9
626	40.0	30.0	1.5	0.0	28.5
627	50.0	30.0	1.5	0.0	29.0
628	60.0	30.0	1.5	0.0	29.5
629	70.0	30.0	1.5	0.0	30.0
630	80.0	30.0	1.5	0.0	30.4
631	90.0	30.0	1.5	0.0	30.7
632	100.0	30.0	1.5	0.0	31.1
633	110.0	30.0	1.5	0.0	31.0
634	120.0	30.0	1.5	0.0	30.1
635	130.0	30.0	1.5	0.0	30.7

Dane i obliczenia-2					
636	140.0	30.0	1.5	0.0	30.3
637	150.0	30.0	1.5	0.0	29.8
638	160.0	30.0	1.5	0.0	29.2
639	170.0	30.0	1.5	0.0	28.7
640	180.0	30.0	1.5	0.0	28.0
641	190.0	30.0	1.5	0.0	27.4
642	200.0	30.0	1.5	0.0	26.9
643	210.0	30.0	1.5	0.0	26.4
644	220.0	30.0	1.5	0.0	25.9
645	0.0	20.0	1.5	0.0	26.0
646	10.0	20.0	1.5	0.0	26.4
647	20.0	20.0	1.5	0.0	26.9
648	30.0	20.0	1.5	0.0	27.4
649	40.0	20.0	1.5	0.0	27.8
650	50.0	20.0	1.5	0.0	28.3
651	60.0	20.0	1.5	0.0	28.8
652	70.0	20.0	1.5	0.0	29.1
653	80.0	20.0	1.5	0.0	29.4
654	90.0	20.0	1.5	0.0	29.6
655	100.0	20.0	1.5	0.0	30.0
656	110.0	20.0	1.5	0.0	30.0
657	120.0	20.0	1.5	0.0	29.0
658	130.0	20.0	1.5	0.0	29.7
659	140.0	20.0	1.5	0.0	29.4
660	150.0	20.0	1.5	0.0	29.0
661	160.0	20.0	1.5	0.0	28.5
662	170.0	20.0	1.5	0.0	28.0
663	180.0	20.0	1.5	0.0	27.4
664	190.0	20.0	1.5	0.0	26.9
665	200.0	20.0	1.5	0.0	26.4
666	210.0	20.0	1.5	0.0	26.0
667	220.0	20.0	1.5	0.0	25.6
668	0.0	10.0	1.5	0.0	25.6
669	10.0	10.0	1.5	0.0	26.0
670	20.0	10.0	1.5	0.0	26.4
671	30.0	10.0	1.5	0.0	26.8
672	40.0	10.0	1.5	0.0	27.2
673	50.0	10.0	1.5	0.0	27.6
674	60.0	10.0	1.5	0.0	28.0
675	70.0	10.0	1.5	0.0	28.3
676	80.0	10.0	1.5	0.0	28.5
677	90.0	10.0	1.5	0.0	28.7
678	100.0	10.0	1.5	0.0	29.0
679	110.0	10.0	1.5	0.0	29.0
680	120.0	10.0	1.5	0.0	28.0
681	130.0	10.0	1.5	0.0	28.8
682	140.0	10.0	1.5	0.0	28.5
683	150.0	10.0	1.5	0.0	28.3
684	160.0	10.0	1.5	0.0	27.8
685	170.0	10.0	1.5	0.0	27.4
686	180.0	10.0	1.5	0.0	27.0
687	190.0	10.0	1.5	0.0	26.4
688	200.0	10.0	1.5	0.0	26.0
689	210.0	10.0	1.5	0.0	25.6
690	220.0	10.0	1.5	0.0	25.2
691	0.0	0.0	1.5	0.0	25.2
692	10.0	0.0	1.5	0.0	25.5
693	20.0	0.0	1.5	0.0	25.9
694	30.0	0.0	1.5	0.0	26.2
695	40.0	0.0	1.5	0.0	26.6
696	50.0	0.0	1.5	0.0	26.9
697	60.0	0.0	1.5	0.0	27.3
698	70.0	0.0	1.5	0.0	27.5
699	80.0	0.0	1.5	0.0	27.7
700	90.0	0.0	1.5	0.0	27.8
701	100.0	0.0	1.5	0.0	28.2
702	110.0	0.0	1.5	0.0	28.2
703	120.0	0.0	1.5	0.0	27.2
704	130.0	0.0	1.5	0.0	27.9

Dane i obliczenia-2					
705	140.0	0.0	1.5	0.0	27.8
706	150.0	0.0	1.5	0.0	27.5
707	160.0	0.0	1.5	0.0	27.3
708	170.0	0.0	1.5	0.0	26.8
709	180.0	0.0	1.5	0.0	26.4
710	190.0	0.0	1.5	0.0	26.1
711	200.0	0.0	1.5	0.0	25.6
712	210.0	0.0	1.5	0.0	25.2
713	220.0	0.0	1.5	0.0	24.8

LAeq , dzień: wartość największa występuje w punkcie (110,110,1.5)
i wynosi 57.9 dB(A)

Koniec obliczeń