

Z.U.O. "EKO - SOFT"
Łódź ul. Rogozińskiego 17/7
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HAŁAS PRZEMYSŁOWY I DROGOWY
PROGRAM SON2 WERSJA 3.3

Właściciel licencji: EKOART - Ochrona Środowiska
Przedsiębiorstwo Wielobranżowe Artur Święczkowski
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Licencja nr AŚ/84022/S12/07/10 z dnia 09.09.2010

I. DANE WEJSCIOWE

1. Nazwa projektu:

GR Katarzyna i Zdzisława Dobruchowscy Kamieniec, gm. Topólka - instalacja do chowu trzody chlewnej

2. Temperatura powietrza [st C.] = 10

3. Wilgotność względna powietrza [%] = 70

4. Tło akustyczne dB(A):

▪ Pora dnia : 40

▪ Pora nocy : 30

5. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 1

6. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła			Rodzaj źródła	LAW	tD	tN	Do
		x	y	z					
		m	m	m		dB(A)	h	h	dB
1	W 1	481.4	225.9	8.1	wszechkier.	77.2	8.000	1.000	
2	W 2	486.8	225.9	8.1	wszechkier.	77.2	8.000	1.000	
3	W 3	492.8	224.7	8.1	wszechkier.	77.2	8.000	1.000	
4	W 4	500.1	224.7	8.1	wszechkier.	77.2	8.000	1.000	
5	W 5	507.3	222.9	8.1	wszechkier.	77.2	8.000	1.000	
6	W 6	514.6	222.9	8.1	wszechkier.	77.2	8.000	1.000	
7	W 7	511.6	242.2	6.6	wszechkier.	77.2	8.000	1.000	
8	W 8	517.6	308.0	5.1	wszechkier.	77.2	8.000	1.000	
9	W 9	511.6	308.6	5.1	wszechkier.	77.2	8.000	1.000	
10	W 10	504.3	308.6	5.1	wszechkier.	77.2	8.000	1.000	
11	W 11	497.7	309.8	5.1	wszechkier.	77.2	8.000	1.000	
12	W 12	491.0	310.4	5.1	wszechkier.	77.2	8.000	1.000	
13	W 13	483.8	311.6	5.1	wszechkier.	77.2	8.000	1.000	
14	W 14	476.5	312.2	5.1	wszechkier.	77.2	8.000	1.000	
15	W 15	468.7	312.2	5.1	wszechkier.	77.2	8.000	1.000	
16	W 16	460.8	313.5	5.1	wszechkier.	77.2	8.000	1.000	
17	W 17	454.2	313.5	5.1	wszechkier.	77.2	8.000	1.000	
18	W 18	456.6	309.2	5.1	wszechkier.	77.2	8.000	1.000	
19	W 19	465.1	309.2	5.1	wszechkier.	77.2	8.000	1.000	
20	W 20	472.3	308.0	5.1	wszechkier.	77.2	8.000	1.000	
21	W 21	479.5	308.0	5.1	wszechkier.	77.2	8.000	1.000	
22	W 22	486.8	306.8	5.1	wszechkier.	77.2	8.000	1.000	
23	W 23	494.0	306.2	5.1	wszechkier.	77.2	8.000	1.000	
24	W 24	501.3	305.0	5.1	wszechkier.	77.2	8.000	1.000	
25	W 25	507.9	304.4	5.1	wszechkier.	77.2	8.000	1.000	
26	W 26	514.0	304.4	5.1	wszechkier.	77.2	8.000	1.000	
27	W 27	520.6	303.2	5.1	wszechkier.	77.2	8.000	1.000	

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. Liniowe źródła hałasu

7. Liniowe źródła hałasu

Lp	Symbol	Początek			Koniec			LAW
		x1	y1	z1	x2	y2	z2	8hD
		m	m	m	m	m	m	dB(A)
1	Poj.C.	573.8	276.0	2.0	511.6	277.2	2.0	78.3
2	Poj.C.	511.6	277.2	2.0	494.0	251.9	2.0	78.3
3	Poj.C.	494.0	251.9	2.0	471.1	244.6	2.0	78.3
4	Poj.C.	471.1	244.6	2.0	460.8	289.9	2.0	78.3
5	Poj.C.	494.6	250.6	2.0	498.9	236.2	2.0	78.3
6	Poj.C.	498.9	236.2	2.0	532.7	234.3	2.0	78.3

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

8. Źródła hałasu typu budynek

Lp	Symbol	Współrzędne wierzchołków budynku [m]								ho h1	
		A(x1, y1)		B(x2, y2)		C(x3, y3)		D(x4, y4)		m	m
1	PASZ.1	521.2	230.1	532.7	228.9	532.4	216.0	520.6	217.4	0.0	8.0
2	PASZ.2	521.8	317.1	536.9	315.9	536.3	292.9	521.2	294.1	0.0	5.0

8.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	PASZ.1	Wsp. odbicia	-	1.0	0.8	1.0	1.0	1.0
		LAwew dzień	dB(A)	91.0	91.0	91.0	91.0	91.0
		Izolacyjność	dB(A)	43.0	43.0	43.0	43.0	36.0
2	PASZ.2	Wsp. odbicia	-	1.0	0.8	1.0	1.0	1.0
		LAwew dzień	dB(A)	91.0	91.0	91.0	91.0	91.0
		Izolacyjność	dB(A)	43.0	43.0	43.0	43.0	36.0

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

9. Ekran – budynki

Lp	Symbol	Wiata	Współrzędne x,y wierzchołków ekranu[m]								ho h1		Współczynniki			
			x1 y1		x2 y2		x3 y3		x4 y4		m	m	odbicia ścian 1-4			
1	Chlew 1		475.9	233.7	521.2	230.1	520.6	217.4	475.9	220.4	0.0	8.0	1.0	1.0	1.0	1.0
2	Chlew 2		504.3	249.4	504.3	239.2	524.8	237.4	525.4	248.2	0.0	6.5	1.0	1.0	1.0	1.0
3	Chlew 2 (mag)		517.0	259.7	526.0	259.7	525.4	249.0	516.4	249.4	0.0	6.5	1.0	1.0	1.0	1.0
4	bud garaż-mag		528.5	263.9	556.9	262.1	556.9	253.7	527.9	256.1	0.0	4.0	1.0	1.0	1.0	1.0
5	Chlew 3		451.8	323.1	521.8	317.1	521.2	295.0	450.6	300.2	0.0	5.0	1.0	1.0	1.0	1.0
6	bud M		543.2	240.0	559.9	239.8	559.9	225.9	543.6	225.9	0.0	4.0	1.0	1.0	1.0	1.0

Koniec danych

II. DANE WYJŚCIOWE – obliczony równoważny poziom dźwięku L_{AeqT}

Poziom dźwięku A równoważny

Nr punktu	Współrz. punktów			Poziom dźwięku A							
	x	y	z	pora dnia	pora nocy						

m			m			dB(A)		dB(A)			
1	-50.0	600.0	4.0	40.1	30.9	72	800.0	575.0	4.0	40.3	32.0
2	-25.0	600.0	4.0	40.1	30.9	73	825.0	575.0	4.0	40.2	31.9
3	0.0	600.0	4.0	40.1	31.0	74	850.0	575.0	4.0	40.2	31.7
4	25.0	600.0	4.0	40.1	31.1	75	-50.0	550.0	4.0	40.1	30.9
5	50.0	600.0	4.0	40.1	31.2	76	-25.0	550.0	4.0	40.1	31.0
6	75.0	600.0	4.0	40.2	31.3	77	0.0	550.0	4.0	40.1	31.0
7	100.0	600.0	4.0	40.2	31.4	78	25.0	550.0	4.0	40.1	31.1
8	125.0	600.0	4.0	40.2	31.5	79	50.0	550.0	4.0	40.1	31.2
9	150.0	600.0	4.0	40.2	31.6	80	75.0	550.0	4.0	40.2	31.4
10	175.0	600.0	4.0	40.2	31.7	81	100.0	550.0	4.0	40.2	31.5
11	200.0	600.0	4.0	40.2	31.9	82	125.0	550.0	4.0	40.2	31.6
12	225.0	600.0	4.0	40.3	32.0	83	150.0	550.0	4.0	40.2	31.7
13	250.0	600.0	4.0	40.3	32.1	84	175.0	550.0	4.0	40.2	31.9
14	275.0	600.0	4.0	40.3	32.3	85	200.0	550.0	4.0	40.3	32.1
15	300.0	600.0	4.0	40.3	32.4	86	225.0	550.0	4.0	40.3	32.2
16	325.0	600.0	4.0	40.3	32.6	87	250.0	550.0	4.0	40.3	32.4
17	350.0	600.0	4.0	40.4	32.8	88	275.0	550.0	4.0	40.4	32.6
18	375.0	600.0	4.0	40.4	32.9	89	300.0	550.0	4.0	40.4	32.9
19	400.0	600.0	4.0	40.4	33.0	90	325.0	550.0	4.0	40.4	33.1
20	425.0	600.0	4.0	40.5	33.2	91	350.0	550.0	4.0	40.5	33.3
21	450.0	600.0	4.0	40.5	33.2	92	375.0	550.0	4.0	40.5	33.6
22	475.0	600.0	4.0	40.5	33.2	93	400.0	550.0	4.0	40.6	33.8
23	500.0	600.0	4.0	40.5	33.3	94	425.0	550.0	4.0	40.6	34.0
24	525.0	600.0	4.0	40.5	33.3	95	450.0	550.0	4.0	40.6	34.1
25	550.0	600.0	4.0	40.5	33.3	96	475.0	550.0	4.0	40.7	34.1
26	575.0	600.0	4.0	40.5	33.2	97	500.0	550.0	4.0	40.7	34.2
27	600.0	600.0	4.0	40.4	33.1	98	525.0	550.0	4.0	40.7	34.2
28	625.0	600.0	4.0	40.4	32.9	99	550.0	550.0	4.0	40.7	34.1
29	650.0	600.0	4.0	40.4	32.8	100	575.0	550.0	4.0	40.6	34.0
30	675.0	600.0	4.0	40.4	32.7	101	600.0	550.0	4.0	40.6	33.8
31	700.0	600.0	4.0	40.3	32.5	102	625.0	550.0	4.0	40.6	33.7
32	725.0	600.0	4.0	40.3	32.4	103	650.0	550.0	4.0	40.5	33.4
33	750.0	600.0	4.0	40.3	32.2	104	675.0	550.0	4.0	40.5	33.2
34	775.0	600.0	4.0	40.3	32.0	105	700.0	550.0	4.0	40.4	33.0
35	800.0	600.0	4.0	40.2	31.9	106	725.0	550.0	4.0	40.4	32.7
36	825.0	600.0	4.0	40.2	31.8	107	750.0	550.0	4.0	40.4	32.6
37	850.0	600.0	4.0	40.2	31.7	108	775.0	550.0	4.0	40.3	32.3
38	-50.0	575.0	4.0	40.1	30.9	109	800.0	550.0	4.0	40.3	32.2
39	-25.0	575.0	4.0	40.1	31.0	110	825.0	550.0	4.0	40.3	32.0
40	0.0	575.0	4.0	40.1	31.0	111	850.0	550.0	4.0	40.2	31.8
41	25.0	575.0	4.0	40.1	31.1	112	-50.0	525.0	4.0	40.1	30.9
42	50.0	575.0	4.0	40.1	31.2	113	-25.0	525.0	4.0	40.1	31.0
43	75.0	575.0	4.0	40.2	31.3	114	0.0	525.0	4.0	40.1	31.1
44	100.0	575.0	4.0	40.2	31.4	115	25.0	525.0	4.0	40.1	31.2
45	125.0	575.0	4.0	40.2	31.6	116	50.0	525.0	4.0	40.2	31.3
46	150.0	575.0	4.0	40.2	31.7	117	75.0	525.0	4.0	40.2	31.4
47	175.0	575.0	4.0	40.2	31.8	118	100.0	525.0	4.0	40.2	31.5
48	200.0	575.0	4.0	40.3	32.0	119	125.0	525.0	4.0	40.2	31.6
49	225.0	575.0	4.0	40.3	32.1	120	150.0	525.0	4.0	40.2	31.8
50	250.0	575.0	4.0	40.3	32.3	121	175.0	525.0	4.0	40.3	32.0
51	275.0	575.0	4.0	40.3	32.5	122	200.0	525.0	4.0	40.3	32.2
52	300.0	575.0	4.0	40.4	32.6	123	225.0	525.0	4.0	40.3	32.4
53	325.0	575.0	4.0	40.4	32.9	124	250.0	525.0	4.0	40.4	32.6
54	350.0	575.0	4.0	40.4	33.0	125	275.0	525.0	4.0	40.4	32.8
55	375.0	575.0	4.0	40.5	33.2	126	300.0	525.0	4.0	40.4	33.1
56	400.0	575.0	4.0	40.5	33.4	127	325.0	525.0	4.0	40.5	33.3
57	425.0	575.0	4.0	40.5	33.6	128	350.0	525.0	4.0	40.5	33.6
58	450.0	575.0	4.0	40.6	33.7	129	375.0	525.0	4.0	40.6	33.9
59	475.0	575.0	4.0	40.6	33.7	130	400.0	525.0	4.0	40.7	34.2
60	500.0	575.0	4.0	40.6	33.7	131	425.0	525.0	4.0	40.7	34.5
61	525.0	575.0	4.0	40.6	33.7	132	450.0	525.0	4.0	40.8	34.6
62	550.0	575.0	4.0	40.6	33.7	133	475.0	525.0	4.0	40.8	34.6
63	575.0	575.0	4.0	40.5	33.6	134	500.0	525.0	4.0	40.8	34.7
64	600.0	575.0	4.0	40.5	33.4	135	525.0	525.0	4.0	40.8	34.7
65	625.0	575.0	4.0	40.5	33.3	136	550.0	525.0	4.0	40.8	34.6
66	650.0	575.0	4.0	40.4	33.1	137	575.0	525.0	4.0	40.7	34.4
67	675.0	575.0	4.0	40.4	32.9	138	600.0	525.0	4.0	40.7	34.2
68	700.0	575.0	4.0	40.4	32.7	139	625.0	525.0	4.0	40.6	33.9
69	725.0	575.0	4.0	40.4	32.6	140	650.0	525.0	4.0	40.6	33.7
70	750.0	575.0	4.0	40.3	32.3	141	675.0	525.0	4.0	40.5	33.4
71	775.0	575.0	4.0	40.3	32.2	142	700.0	525.0	4.0	40.5	33.2

143	725.0	525.0	4.0	40.4	33.0	219	775.0	475.0	4.0	40.4	32.5
144	750.0	525.0	4.0	40.4	32.7	220	800.0	475.0	4.0	40.3	32.4
145	775.0	525.0	4.0	40.3	32.5	221	825.0	475.0	4.0	40.3	32.1
146	800.0	525.0	4.0	40.3	32.2	222	850.0	475.0	4.0	40.3	31.9
147	825.0	525.0	4.0	40.3	32.1	223	-50.0	450.0	4.0	40.1	30.9
148	850.0	525.0	4.0	40.3	31.9	224	-25.0	450.0	4.0	40.1	30.9
149	-50.0	500.0	4.0	40.1	30.9	225	0.0	450.0	4.0	40.1	31.0
150	-25.0	500.0	4.0	40.1	31.0	226	25.0	450.0	4.0	40.1	31.1
151	0.0	500.0	4.0	40.1	31.1	227	50.0	450.0	4.0	40.1	31.2
152	25.0	500.0	4.0	40.1	31.2	228	75.0	450.0	4.0	40.2	31.4
153	50.0	500.0	4.0	40.2	31.3	229	100.0	450.0	4.0	40.2	31.5
154	75.0	500.0	4.0	40.2	31.4	230	125.0	450.0	4.0	40.2	31.7
155	100.0	500.0	4.0	40.2	31.6	231	150.0	450.0	4.0	40.2	31.8
156	125.0	500.0	4.0	40.2	31.7	232	175.0	450.0	4.0	40.3	32.1
157	150.0	500.0	4.0	40.2	31.9	233	200.0	450.0	4.0	40.3	32.2
158	175.0	500.0	4.0	40.3	32.1	234	225.0	450.0	4.0	40.3	32.5
159	200.0	500.0	4.0	40.3	32.3	235	250.0	450.0	4.0	40.4	32.7
160	225.0	500.0	4.0	40.3	32.5	236	275.0	450.0	4.0	40.4	33.0
161	250.0	500.0	4.0	40.4	32.8	237	300.0	450.0	4.0	40.5	33.4
162	275.0	500.0	4.0	40.4	33.0	238	325.0	450.0	4.0	40.6	33.7
163	300.0	500.0	4.0	40.5	33.3	239	350.0	450.0	4.0	40.7	34.2
164	325.0	500.0	4.0	40.6	33.7	240	375.0	450.0	4.0	40.8	34.7
165	350.0	500.0	4.0	40.6	34.0	241	400.0	450.0	4.0	40.9	35.2
166	375.0	500.0	4.0	40.7	34.4	242	425.0	450.0	4.0	41.0	35.6
167	400.0	500.0	4.0	40.8	34.7	243	450.0	450.0	4.0	41.2	36.2
168	425.0	500.0	4.0	40.9	35.0	244	475.0	450.0	4.0	41.3	36.4
169	450.0	500.0	4.0	40.9	35.2	245	500.0	450.0	4.0	41.3	36.3
170	475.0	500.0	4.0	40.9	35.2	246	525.0	450.0	4.0	41.3	36.4
171	500.0	500.0	4.0	41.0	35.3	247	550.0	450.0	4.0	41.3	36.4
172	525.0	500.0	4.0	40.9	35.3	248	575.0	450.0	4.0	41.2	36.1
173	550.0	500.0	4.0	40.9	35.1	249	600.0	450.0	4.0	41.1	35.6
174	575.0	500.0	4.0	40.9	34.9	250	625.0	450.0	4.0	41.0	35.3
175	600.0	500.0	4.0	40.8	34.6	251	650.0	450.0	4.0	40.9	34.9
176	625.0	500.0	4.0	40.7	34.3	252	675.0	450.0	4.0	40.7	34.4
177	650.0	500.0	4.0	40.6	34.0	253	700.0	450.0	4.0	40.6	33.9
178	675.0	500.0	4.0	40.6	33.7	254	725.0	450.0	4.0	40.5	33.5
179	700.0	500.0	4.0	40.5	33.3	255	750.0	450.0	4.0	40.5	33.0
180	725.0	500.0	4.0	40.4	33.0	256	775.0	450.0	4.0	40.4	32.7
181	750.0	500.0	4.0	40.4	32.8	257	800.0	450.0	4.0	40.3	32.5
182	775.0	500.0	4.0	40.4	32.5	258	825.0	450.0	4.0	40.3	32.2
183	800.0	500.0	4.0	40.3	32.3	259	850.0	450.0	4.0	40.3	31.9
184	825.0	500.0	4.0	40.3	32.2	260	-50.0	425.0	4.0	40.1	30.9
185	850.0	500.0	4.0	40.2	31.9	261	-25.0	425.0	4.0	40.1	31.0
186	-50.0	475.0	4.0	40.1	30.9	262	0.0	425.0	4.0	40.1	31.0
187	-25.0	475.0	4.0	40.1	31.0	263	25.0	425.0	4.0	40.1	31.2
188	0.0	475.0	4.0	40.1	31.1	264	50.0	425.0	4.0	40.2	31.2
189	25.0	475.0	4.0	40.1	31.2	265	75.0	425.0	4.0	40.2	31.3
190	50.0	475.0	4.0	40.1	31.2	266	100.0	425.0	4.0	40.2	31.4
191	75.0	475.0	4.0	40.2	31.3	267	125.0	425.0	4.0	40.2	31.6
192	100.0	475.0	4.0	40.2	31.5	268	150.0	425.0	4.0	40.2	31.7
193	125.0	475.0	4.0	40.2	31.6	269	175.0	425.0	4.0	40.2	31.8
194	150.0	475.0	4.0	40.2	31.8	270	200.0	425.0	4.0	40.3	32.1
195	175.0	475.0	4.0	40.3	31.9	271	225.0	425.0	4.0	40.3	32.3
196	200.0	475.0	4.0	40.3	32.2	272	250.0	425.0	4.0	40.3	32.4
197	225.0	475.0	4.0	40.3	32.5	273	275.0	425.0	4.0	40.4	33.0
198	250.0	475.0	4.0	40.4	32.9	274	300.0	425.0	4.0	40.5	33.2
199	275.0	475.0	4.0	40.5	33.1	275	325.0	425.0	4.0	40.6	33.6
200	300.0	475.0	4.0	40.5	33.6	276	350.0	425.0	4.0	40.7	34.4
201	325.0	475.0	4.0	40.6	34.0	277	375.0	425.0	4.0	40.9	35.1
202	350.0	475.0	4.0	40.8	34.5	278	400.0	425.0	4.0	41.2	36.0
203	375.0	475.0	4.0	40.9	34.9	279	425.0	425.0	4.0	41.3	36.5
204	400.0	475.0	4.0	41.0	35.3	280	450.0	425.0	4.0	41.5	37.1
205	425.0	475.0	4.0	41.1	35.8	281	475.0	425.0	4.0	41.6	37.3
206	450.0	475.0	4.0	41.2	36.0	282	500.0	425.0	4.0	41.6	37.3
207	475.0	475.0	4.0	41.2	36.1	283	525.0	425.0	4.0	41.6	37.1
208	500.0	475.0	4.0	41.2	36.2	284	550.0	425.0	4.0	41.5	36.8
209	525.0	475.0	4.0	41.2	36.1	285	575.0	425.0	4.0	41.3	36.1
210	550.0	475.0	4.0	41.1	35.9	286	600.0	425.0	4.0	41.1	35.6
211	575.0	475.0	4.0	41.0	35.5	287	625.0	425.0	4.0	40.9	35.1
212	600.0	475.0	4.0	41.0	35.2	288	650.0	425.0	4.0	40.8	34.5
213	625.0	475.0	4.0	40.8	34.8	289	675.0	425.0	4.0	40.7	34.0
214	650.0	475.0	4.0	40.7	34.4	290	700.0	425.0	4.0	40.6	33.6
215	675.0	475.0	4.0	40.6	33.9	291	725.0	425.0	4.0	40.5	33.2
216	700.0	475.0	4.0	40.6	33.6	292	750.0	425.0	4.0	40.4	32.7
217	725.0	475.0	4.0	40.5	33.3	293	775.0	425.0	4.0	40.4	32.5
218	750.0	475.0	4.0	40.4	32.9	294	800.0	425.0	4.0	40.3	32.2

295	825.0	425.0	4.0	40.3	32.0	371	-50.0	350.0	4.0	40.1	31.0
296	850.0	425.0	4.0	40.3	31.9	372	-25.0	350.0	4.0	40.1	31.1
297	-50.0	400.0	4.0	40.1	30.9	373	0.0	350.0	4.0	40.1	31.2
298	-25.0	400.0	4.0	40.1	31.0	374	25.0	350.0	4.0	40.2	31.3
299	0.0	400.0	4.0	40.1	31.1	375	50.0	350.0	4.0	40.2	31.4
300	25.0	400.0	4.0	40.1	31.2	376	75.0	350.0	4.0	40.2	31.6
301	50.0	400.0	4.0	40.2	31.3	377	100.0	350.0	4.0	40.2	31.7
302	75.0	400.0	4.0	40.2	31.5	378	125.0	350.0	4.0	40.3	32.0
303	100.0	400.0	4.0	40.2	31.5	379	150.0	350.0	4.0	40.3	32.2
304	125.0	400.0	4.0	40.2	31.7	380	175.0	350.0	4.0	40.3	32.5
305	150.0	400.0	4.0	40.2	31.8	381	200.0	350.0	4.0	40.4	32.9
306	175.0	400.0	4.0	40.3	32.0	382	225.0	350.0	4.0	40.5	33.3
307	200.0	400.0	4.0	40.3	32.3	383	250.0	350.0	4.0	40.6	33.8
308	225.0	400.0	4.0	40.4	32.6	384	275.0	350.0	4.0	40.7	34.2
309	250.0	400.0	4.0	40.4	32.7	385	300.0	350.0	4.0	40.8	34.7
310	275.0	400.0	4.0	40.5	33.1	386	325.0	350.0	4.0	41.0	35.4
311	300.0	400.0	4.0	40.6	33.6	387	350.0	350.0	4.0	41.3	36.2
312	325.0	400.0	4.0	40.6	33.9	388	375.0	350.0	4.0	41.6	37.0
313	350.0	400.0	4.0	40.7	34.3	389	400.0	350.0	4.0	42.1	38.2
314	375.0	400.0	4.0	40.9	35.0	390	425.0	350.0	4.0	42.9	40.1
315	400.0	400.0	4.0	41.1	35.8	391	450.0	350.0	4.0	43.7	41.4
316	425.0	400.0	4.0	41.2	36.2	392	475.0	350.0	4.0	44.3	42.4
317	450.0	400.0	4.0	41.3	36.3	393	500.0	350.0	4.0	44.4	42.5
318	475.0	400.0	4.0	41.5	36.9	394	525.0	350.0	4.0	43.4	40.6
319	500.0	400.0	4.0	41.5	36.7	395	550.0	350.0	4.0	42.6	38.8
320	525.0	400.0	4.0	41.4	36.5	396	575.0	350.0	4.0	41.9	37.4
321	550.0	400.0	4.0	41.3	36.1	397	600.0	350.0	4.0	41.3	35.7
322	575.0	400.0	4.0	41.2	35.7	398	625.0	350.0	4.0	41.0	34.8
323	600.0	400.0	4.0	41.0	35.3	399	650.0	350.0	4.0	40.7	33.9
324	625.0	400.0	4.0	40.9	34.7	400	675.0	350.0	4.0	40.5	33.1
325	650.0	400.0	4.0	40.8	34.3	401	700.0	350.0	4.0	40.4	32.7
326	675.0	400.0	4.0	40.7	33.9	402	725.0	350.0	4.0	40.4	32.3
327	700.0	400.0	4.0	40.6	33.6	403	750.0	350.0	4.0	40.3	32.1
328	725.0	400.0	4.0	40.5	33.3	404	775.0	350.0	4.0	40.3	31.9
329	750.0	400.0	4.0	40.4	32.7	405	800.0	350.0	4.0	40.2	31.7
330	775.0	400.0	4.0	40.3	32.4	406	825.0	350.0	4.0	40.2	31.5
331	800.0	400.0	4.0	40.3	32.1	407	850.0	350.0	4.0	40.2	31.3
332	825.0	400.0	4.0	40.3	32.0	408	-50.0	325.0	4.0	40.1	30.9
333	850.0	400.0	4.0	40.2	31.8	409	-25.0	325.0	4.0	40.1	31.0
334	-50.0	375.0	4.0	40.1	31.0	410	0.0	325.0	4.0	40.1	31.1
335	-25.0	375.0	4.0	40.1	31.1	411	25.0	325.0	4.0	40.2	31.2
336	0.0	375.0	4.0	40.1	31.2	412	50.0	325.0	4.0	40.2	31.4
337	25.0	375.0	4.0	40.2	31.3	413	75.0	325.0	4.0	40.2	31.5
338	50.0	375.0	4.0	40.2	31.4	414	100.0	325.0	4.0	40.2	31.7
339	75.0	375.0	4.0	40.2	31.6	415	125.0	325.0	4.0	40.3	31.9
340	100.0	375.0	4.0	40.2	31.7	416	150.0	325.0	4.0	40.3	32.2
341	125.0	375.0	4.0	40.3	31.9	417	175.0	325.0	4.0	40.3	32.4
342	150.0	375.0	4.0	40.3	32.2	418	200.0	325.0	4.0	40.4	32.7
343	175.0	375.0	4.0	40.3	32.4	419	225.0	325.0	4.0	40.5	33.2
344	200.0	375.0	4.0	40.4	32.7	420	250.0	325.0	4.0	40.6	33.7
345	225.0	375.0	4.0	40.4	33.0	421	275.0	325.0	4.0	40.7	34.2
346	250.0	375.0	4.0	40.5	33.3	422	300.0	325.0	4.0	40.9	34.8
347	275.0	375.0	4.0	40.6	33.6	423	325.0	325.0	4.0	41.0	35.4
348	300.0	375.0	4.0	40.7	34.1	424	350.0	325.0	4.0	41.4	36.6
349	325.0	375.0	4.0	40.8	34.7	425	375.0	325.0	4.0	41.9	37.8
350	350.0	375.0	4.0	41.0	35.2	426	400.0	325.0	4.0	42.6	39.3
351	375.0	375.0	4.0	41.2	35.8	427	425.0	325.0	4.0	43.8	41.5
352	400.0	375.0	4.0	41.6	37.1	428	450.0	325.0	4.0	45.9	44.6
353	425.0	375.0	4.0	41.9	37.9	429	475.0	325.0	4.0	47.7	46.9
354	450.0	375.0	4.0	42.2	38.6	430	500.0	325.0	4.0	48.5	47.8
355	475.0	375.0	4.0	42.3	38.9	431	525.0	325.0	4.0	45.9	43.8
356	500.0	375.0	4.0	42.3	38.7	432	550.0	325.0	4.0	43.9	40.4
357	525.0	375.0	4.0	42.1	38.2	433	575.0	325.0	4.0	42.4	38.0
358	550.0	375.0	4.0	41.8	37.4	434	600.0	325.0	4.0	41.6	36.4
359	575.0	375.0	4.0	41.5	36.4	435	625.0	325.0	4.0	41.0	34.7
360	600.0	375.0	4.0	41.2	35.6	436	650.0	325.0	4.0	40.7	33.8
361	625.0	375.0	4.0	40.9	34.6	437	675.0	325.0	4.0	40.6	33.2
362	650.0	375.0	4.0	40.7	34.0	438	700.0	325.0	4.0	40.5	32.8
363	675.0	375.0	4.0	40.6	33.3	439	725.0	325.0	4.0	40.4	32.4
364	700.0	375.0	4.0	40.4	32.8	440	750.0	325.0	4.0	40.3	32.1
365	725.0	375.0	4.0	40.3	32.3	441	775.0	325.0	4.0	40.3	31.8
366	750.0	375.0	4.0	40.3	32.0	442	800.0	325.0	4.0	40.2	31.7
367	775.0	375.0	4.0	40.3	31.9	443	825.0	325.0	4.0	40.2	31.5
368	800.0	375.0	4.0	40.2	31.7	444	850.0	325.0	4.0	40.2	31.3
369	825.0	375.0	4.0	40.2	31.5	445	-50.0	300.0	4.0	40.1	30.9
370	850.0	375.0	4.0	40.2	31.4	446	-25.0	300.0	4.0	40.1	31.0

447	0.0	300.0	4.0	40.1	31.2	526	125.0	250.0	4.0	40.2	31.6
448	25.0	300.0	4.0	40.2	31.3	527	150.0	250.0	4.0	40.2	31.8
449	50.0	300.0	4.0	40.2	31.4	528	175.0	250.0	4.0	40.3	32.0
450	75.0	300.0	4.0	40.2	31.5	529	200.0	250.0	4.0	40.3	32.2
451	100.0	300.0	4.0	40.2	31.7	530	225.0	250.0	4.0	40.4	32.5
452	125.0	300.0	4.0	40.2	31.8	531	250.0	250.0	4.0	40.5	32.9
453	150.0	300.0	4.0	40.3	32.0	532	275.0	250.0	4.0	40.5	33.3
454	175.0	300.0	4.0	40.3	32.2	533	300.0	250.0	4.0	40.7	33.9
455	200.0	300.0	4.0	40.4	32.5	534	325.0	250.0	4.0	40.8	34.4
456	225.0	300.0	4.0	40.4	32.9	535	350.0	250.0	4.0	41.1	35.3
457	250.0	300.0	4.0	40.5	33.2	536	375.0	250.0	4.0	41.5	36.1
458	275.0	300.0	4.0	40.6	33.7	537	400.0	250.0	4.0	42.0	37.0
459	300.0	300.0	4.0	40.7	34.2	538	425.0	250.0	4.0	42.9	37.9
460	325.0	300.0	4.0	40.9	34.8	539	450.0	250.0	4.0	44.9	39.5
461	350.0	300.0	4.0	41.2	35.8	540	475.0	250.0	4.0	52.1	41.1
462	375.0	300.0	4.0	41.6	36.8	541	500.0	250.0	4.0	52.9	41.8
463	400.0	300.0	4.0	42.2	38.1	543	550.0	250.0	4.0	44.3	38.8
464	425.0	300.0	4.0	43.5	40.5	544	575.0	250.0	4.0	42.5	37.0
465	450.0	300.0	4.0	44.4	40.5	545	600.0	250.0	4.0	41.4	35.6
469	550.0	300.0	4.0	44.7	40.5	546	625.0	250.0	4.0	40.9	34.5
470	575.0	300.0	4.0	42.7	37.8	547	650.0	250.0	4.0	40.7	33.7
471	600.0	300.0	4.0	41.6	36.0	548	675.0	250.0	4.0	40.5	33.0
472	625.0	300.0	4.0	41.0	34.7	549	700.0	250.0	4.0	40.4	32.7
473	650.0	300.0	4.0	40.7	33.7	550	725.0	250.0	4.0	40.3	32.3
474	675.0	300.0	4.0	40.6	33.0	551	750.0	250.0	4.0	40.3	32.0
475	700.0	300.0	4.0	40.4	32.7	552	775.0	250.0	4.0	40.3	31.8
476	725.0	300.0	4.0	40.3	32.3	553	800.0	250.0	4.0	40.2	31.6
477	750.0	300.0	4.0	40.3	32.0	554	825.0	250.0	4.0	40.2	31.5
478	775.0	300.0	4.0	40.3	31.8	555	850.0	250.0	4.0	40.2	31.3
479	800.0	300.0	4.0	40.2	31.7	556	-50.0	225.0	4.0	40.1	31.1
480	825.0	300.0	4.0	40.2	31.5	557	-25.0	225.0	4.0	40.1	31.2
481	850.0	300.0	4.0	40.2	31.3	558	0.0	225.0	4.0	40.2	31.3
482	-50.0	275.0	4.0	40.1	30.9	559	25.0	225.0	4.0	40.2	31.5
483	-25.0	275.0	4.0	40.1	31.0	560	50.0	225.0	4.0	40.2	31.5
484	0.0	275.0	4.0	40.1	31.1	561	75.0	225.0	4.0	40.2	31.7
485	25.0	275.0	4.0	40.1	31.2	562	100.0	225.0	4.0	40.3	31.9
486	50.0	275.0	4.0	40.2	31.2	563	125.0	225.0	4.0	40.3	32.1
487	75.0	275.0	4.0	40.2	31.4	564	150.0	225.0	4.0	40.3	32.3
488	100.0	275.0	4.0	40.2	31.5	565	175.0	225.0	4.0	40.4	32.6
489	125.0	275.0	4.0	40.2	31.6	566	200.0	225.0	4.0	40.4	32.8
490	150.0	275.0	4.0	40.3	31.8	567	225.0	225.0	4.0	40.5	33.1
491	175.0	275.0	4.0	40.3	32.0	568	250.0	225.0	4.0	40.6	33.4
492	200.0	275.0	4.0	40.3	32.3	569	275.0	225.0	4.0	40.6	33.8
493	225.0	275.0	4.0	40.4	32.6	570	300.0	225.0	4.0	40.8	34.4
494	250.0	275.0	4.0	40.5	32.9	571	325.0	225.0	4.0	40.9	34.8
495	275.0	275.0	4.0	40.5	33.3	572	350.0	225.0	4.0	41.1	35.3
496	300.0	275.0	4.0	40.7	33.9	573	375.0	225.0	4.0	41.5	36.2
497	325.0	275.0	4.0	40.8	34.3	574	400.0	225.0	4.0	42.0	37.1
498	350.0	275.0	4.0	41.1	35.3	575	425.0	225.0	4.0	42.3	37.0
499	375.0	275.0	4.0	41.5	36.3	576	450.0	225.0	4.0	43.3	38.4
500	400.0	275.0	4.0	42.1	37.6	577	475.0	225.0	4.0	43.8	37.3
501	425.0	275.0	4.0	43.3	39.1	580	550.0	225.0	4.0	42.7	37.0
502	450.0	275.0	4.0	46.2	41.5	581	575.0	225.0	4.0	41.8	36.2
503	475.0	275.0	4.0	48.1	43.4	582	600.0	225.0	4.0	41.2	35.2
504	500.0	275.0	4.0	49.2	44.1	583	625.0	225.0	4.0	40.8	34.2
505	525.0	275.0	4.0	50.7	42.1	584	650.0	225.0	4.0	40.6	33.5
506	550.0	275.0	4.0	49.4	39.8	585	675.0	225.0	4.0	40.5	32.9
507	575.0	275.0	4.0	45.4	37.6	586	700.0	225.0	4.0	40.4	32.6
508	600.0	275.0	4.0	41.7	35.9	587	725.0	225.0	4.0	40.3	32.3
509	625.0	275.0	4.0	41.1	34.7	588	750.0	225.0	4.0	40.3	32.0
510	650.0	275.0	4.0	40.7	33.8	589	775.0	225.0	4.0	40.2	31.8
511	675.0	275.0	4.0	40.5	33.1	590	800.0	225.0	4.0	40.2	31.6
512	700.0	275.0	4.0	40.4	32.7	591	825.0	225.0	4.0	40.2	31.5
513	725.0	275.0	4.0	40.4	32.3	592	850.0	225.0	4.0	40.2	31.3
514	750.0	275.0	4.0	40.3	32.0	593	-50.0	200.0	4.0	40.1	31.1
515	775.0	275.0	4.0	40.3	31.8	594	-25.0	200.0	4.0	40.2	31.3
516	800.0	275.0	4.0	40.2	31.7	595	0.0	200.0	4.0	40.2	31.4
517	825.0	275.0	4.0	40.2	31.5	596	25.0	200.0	4.0	40.2	31.6
518	850.0	275.0	4.0	40.2	31.3	597	50.0	200.0	4.0	40.2	31.6
519	-50.0	250.0	4.0	40.1	31.1	598	75.0	200.0	4.0	40.2	31.7
520	-25.0	250.0	4.0	40.1	31.2	599	100.0	200.0	4.0	40.3	31.9
521	0.0	250.0	4.0	40.2	31.3	600	125.0	200.0	4.0	40.3	32.1
522	25.0	250.0	4.0	40.2	31.3	601	150.0	200.0	4.0	40.3	32.3
523	50.0	250.0	4.0	40.2	31.4	602	175.0	200.0	4.0	40.4	32.6
524	75.0	250.0	4.0	40.2	31.3	603	200.0	200.0	4.0	40.4	32.8
525	100.0	250.0	4.0	40.2	31.5	604	225.0	200.0	4.0	40.5	33.2

605	250.0	200.0	4.0	40.6	33.7	681	300.0	150.0	4.0	40.7	34.0
606	275.0	200.0	4.0	40.7	34.0	682	325.0	150.0	4.0	40.8	34.4
607	300.0	200.0	4.0	40.8	34.5	683	350.0	150.0	4.0	40.9	35.0
608	325.0	200.0	4.0	41.0	35.1	684	375.0	150.0	4.0	41.1	35.5
609	350.0	200.0	4.0	41.2	35.8	685	400.0	150.0	4.0	41.3	36.1
610	375.0	200.0	4.0	41.5	36.5	686	425.0	150.0	4.0	41.5	36.6
611	400.0	200.0	4.0	41.9	37.3	687	450.0	150.0	4.0	41.5	36.4
612	425.0	200.0	4.0	42.3	38.3	688	475.0	150.0	4.0	41.1	35.6
613	450.0	200.0	4.0	42.8	39.4	689	500.0	150.0	4.0	40.8	34.5
614	475.0	200.0	4.0	42.7	39.5	690	525.0	150.0	4.0	40.8	34.3
615	500.0	200.0	4.0	42.6	39.1	691	550.0	150.0	4.0	40.9	34.5
616	525.0	200.0	4.0	42.3	37.7	692	575.0	150.0	4.0	40.9	34.7
617	550.0	200.0	4.0	42.0	37.1	693	600.0	150.0	4.0	40.9	34.7
618	575.0	200.0	4.0	41.6	36.5	694	625.0	150.0	4.0	40.8	34.4
619	600.0	200.0	4.0	41.2	35.2	695	650.0	150.0	4.0	40.7	34.1
620	625.0	200.0	4.0	40.9	34.3	696	675.0	150.0	4.0	40.6	33.6
621	650.0	200.0	4.0	40.6	33.4	697	700.0	150.0	4.0	40.5	33.0
622	675.0	200.0	4.0	40.5	32.9	698	725.0	150.0	4.0	40.4	32.6
623	700.0	200.0	4.0	40.4	32.5	699	750.0	150.0	4.0	40.3	32.3
624	725.0	200.0	4.0	40.3	32.3	700	775.0	150.0	4.0	40.3	32.1
625	750.0	200.0	4.0	40.3	32.0	701	800.0	150.0	4.0	40.3	31.9
626	775.0	200.0	4.0	40.2	31.8	702	825.0	150.0	4.0	40.2	31.7
627	800.0	200.0	4.0	40.2	31.6	703	850.0	150.0	4.0	40.2	31.5
628	825.0	200.0	4.0	40.2	31.5	704	-50.0	125.0	4.0	40.1	31.0
629	850.0	200.0	4.0	40.2	31.3	705	-25.0	125.0	4.0	40.1	31.1
630	-50.0	175.0	4.0	40.1	31.1	706	0.0	125.0	4.0	40.1	31.2
631	-25.0	175.0	4.0	40.1	31.2	707	25.0	125.0	4.0	40.2	31.3
632	0.0	175.0	4.0	40.2	31.3	708	50.0	125.0	4.0	40.2	31.4
633	25.0	175.0	4.0	40.2	31.5	709	75.0	125.0	4.0	40.2	31.5
634	50.0	175.0	4.0	40.2	31.6	710	100.0	125.0	4.0	40.2	31.6
635	75.0	175.0	4.0	40.2	31.8	711	125.0	125.0	4.0	40.2	31.8
636	100.0	175.0	4.0	40.3	31.9	712	150.0	125.0	4.0	40.3	32.0
637	125.0	175.0	4.0	40.3	32.2	713	175.0	125.0	4.0	40.3	32.1
638	150.0	175.0	4.0	40.3	32.3	714	200.0	125.0	4.0	40.3	32.4
639	175.0	175.0	4.0	40.4	32.6	715	225.0	125.0	4.0	40.4	32.6
640	200.0	175.0	4.0	40.4	32.9	716	250.0	125.0	4.0	40.4	32.9
641	225.0	175.0	4.0	40.5	33.2	717	275.0	125.0	4.0	40.5	33.3
642	250.0	175.0	4.0	40.6	33.5	718	300.0	125.0	4.0	40.6	33.6
643	275.0	175.0	4.0	40.7	34.0	719	325.0	125.0	4.0	40.7	34.1
644	300.0	175.0	4.0	40.8	34.4	720	350.0	125.0	4.0	40.8	34.5
645	325.0	175.0	4.0	40.9	34.8	721	375.0	125.0	4.0	40.9	34.9
646	350.0	175.0	4.0	41.1	35.3	722	400.0	125.0	4.0	41.0	35.2
647	375.0	175.0	4.0	41.2	35.6	723	425.0	125.0	4.0	41.0	35.3
648	400.0	175.0	4.0	41.4	36.3	724	450.0	125.0	4.0	41.0	35.2
649	425.0	175.0	4.0	41.7	36.9	725	475.0	125.0	4.0	40.8	34.4
650	450.0	175.0	4.0	42.0	37.6	726	500.0	125.0	4.0	40.6	33.6
651	475.0	175.0	4.0	41.6	36.8	727	525.0	125.0	4.0	40.5	33.3
652	500.0	175.0	4.0	41.4	36.3	728	550.0	125.0	4.0	40.6	33.3
653	525.0	175.0	4.0	41.3	35.9	729	575.0	125.0	4.0	40.7	33.7
654	550.0	175.0	4.0	41.4	35.8	730	600.0	125.0	4.0	40.7	33.8
655	575.0	175.0	4.0	41.2	35.5	731	625.0	125.0	4.0	40.6	33.8
656	600.0	175.0	4.0	41.1	35.1	732	650.0	125.0	4.0	40.6	33.6
657	625.0	175.0	4.0	40.9	34.7	733	675.0	125.0	4.0	40.6	33.5
658	650.0	175.0	4.0	40.8	34.1	734	700.0	125.0	4.0	40.5	33.3
659	675.0	175.0	4.0	40.6	33.6	735	725.0	125.0	4.0	40.4	33.0
660	700.0	175.0	4.0	40.5	33.1	736	750.0	125.0	4.0	40.4	32.7
661	725.0	175.0	4.0	40.4	32.8	737	775.0	125.0	4.0	40.3	32.4
662	750.0	175.0	4.0	40.4	32.4	738	800.0	125.0	4.0	40.3	32.2
663	775.0	175.0	4.0	40.3	32.2	739	825.0	125.0	4.0	40.3	32.0
664	800.0	175.0	4.0	40.2	31.8	740	850.0	125.0	4.0	40.2	31.7
665	825.0	175.0	4.0	40.2	31.6	741	-50.0	100.0	4.0	40.1	31.0
666	850.0	175.0	4.0	40.2	31.4	742	-25.0	100.0	4.0	40.1	31.0
667	-50.0	150.0	4.0	40.1	31.0	743	0.0	100.0	4.0	40.1	31.1
668	-25.0	150.0	4.0	40.1	31.1	744	25.0	100.0	4.0	40.1	31.2
669	0.0	150.0	4.0	40.2	31.2	745	50.0	100.0	4.0	40.2	31.3
670	25.0	150.0	4.0	40.2	31.4	746	75.0	100.0	4.0	40.2	31.4
671	50.0	150.0	4.0	40.2	31.5	747	100.0	100.0	4.0	40.2	31.5
672	75.0	150.0	4.0	40.2	31.6	748	125.0	100.0	4.0	40.2	31.7
673	100.0	150.0	4.0	40.2	31.8	749	150.0	100.0	4.0	40.2	31.8
674	125.0	150.0	4.0	40.3	32.0	750	175.0	100.0	4.0	40.3	32.0
675	150.0	150.0	4.0	40.3	32.2	751	200.0	100.0	4.0	40.3	32.2
676	175.0	150.0	4.0	40.3	32.4	752	225.0	100.0	4.0	40.3	32.5
677	200.0	150.0	4.0	40.4	32.6	753	250.0	100.0	4.0	40.4	32.6
678	225.0	150.0	4.0	40.4	32.9	754	275.0	100.0	4.0	40.5	33.0
679	250.0	150.0	4.0	40.5	33.2	755	300.0	100.0	4.0	40.5	33.3
680	275.0	150.0	4.0	40.6	33.6	756	325.0	100.0	4.0	40.6	33.7

757	350.0	100.0	4.0	40.7	34.0	833	400.0	50.0	4.0	40.5	33.2
758	375.0	100.0	4.0	40.7	34.2	834	425.0	50.0	4.0	40.5	33.2
759	400.0	100.0	4.0	40.8	34.4	835	450.0	50.0	4.0	40.4	32.9
760	425.0	100.0	4.0	40.9	34.6	836	475.0	50.0	4.0	40.4	32.6
761	450.0	100.0	4.0	40.7	34.1	837	500.0	50.0	4.0	40.3	32.3
762	475.0	100.0	4.0	40.6	33.7	838	525.0	50.0	4.0	40.3	32.0
763	500.0	100.0	4.0	40.5	33.1	839	550.0	50.0	4.0	40.3	31.9
764	525.0	100.0	4.0	40.4	32.7	840	575.0	50.0	4.0	40.3	32.1
765	550.0	100.0	4.0	40.4	32.7	841	600.0	50.0	4.0	40.3	32.2
766	575.0	100.0	4.0	40.5	33.1	842	625.0	50.0	4.0	40.3	32.2
767	600.0	100.0	4.0	40.5	33.2	843	650.0	50.0	4.0	40.3	32.2
768	625.0	100.0	4.0	40.5	33.2	844	675.0	50.0	4.0	40.3	32.2
769	650.0	100.0	4.0	40.5	33.1	845	700.0	50.0	4.0	40.3	32.1
770	675.0	100.0	4.0	40.5	32.9	846	725.0	50.0	4.0	40.3	32.0
771	700.0	100.0	4.0	40.4	32.8	847	750.0	50.0	4.0	40.3	31.9
772	725.0	100.0	4.0	40.4	32.7	848	775.0	50.0	4.0	40.2	31.8
773	750.0	100.0	4.0	40.4	32.5	849	800.0	50.0	4.0	40.2	31.7
774	775.0	100.0	4.0	40.3	32.3	850	825.0	50.0	4.0	40.2	31.6
775	800.0	100.0	4.0	40.3	32.1	851	850.0	50.0	4.0	40.2	31.5
776	825.0	100.0	4.0	40.2	31.9	852	-50.0	25.0	4.0	40.1	30.9
777	850.0	100.0	4.0	40.2	31.7	853	-25.0	25.0	4.0	40.1	31.0
778	-50.0	75.0	4.0	40.1	30.9	854	0.0	25.0	4.0	40.1	31.0
779	-25.0	75.0	4.0	40.1	31.0	855	25.0	25.0	4.0	40.1	31.1
780	0.0	75.0	4.0	40.1	31.0	856	50.0	25.0	4.0	40.1	31.2
781	25.0	75.0	4.0	40.1	31.1	857	75.0	25.0	4.0	40.2	31.3
782	50.0	75.0	4.0	40.1	31.2	858	100.0	25.0	4.0	40.2	31.4
783	75.0	75.0	4.0	40.2	31.3	859	125.0	25.0	4.0	40.2	31.5
784	100.0	75.0	4.0	40.2	31.4	860	150.0	25.0	4.0	40.2	31.6
785	125.0	75.0	4.0	40.2	31.6	861	175.0	25.0	4.0	40.2	31.8
786	150.0	75.0	4.0	40.2	31.7	862	200.0	25.0	4.0	40.3	31.9
787	175.0	75.0	4.0	40.2	31.9	863	225.0	25.0	4.0	40.3	32.1
788	200.0	75.0	4.0	40.3	32.1	864	250.0	25.0	4.0	40.3	32.2
789	225.0	75.0	4.0	40.3	32.3	865	275.0	25.0	4.0	40.3	32.4
790	250.0	75.0	4.0	40.3	32.4	866	300.0	25.0	4.0	40.4	32.5
791	275.0	75.0	4.0	40.4	32.8	867	325.0	25.0	4.0	40.4	32.7
792	300.0	75.0	4.0	40.5	33.0	868	350.0	25.0	4.0	40.4	32.8
793	325.0	75.0	4.0	40.5	33.2	869	375.0	25.0	4.0	40.4	32.8
794	350.0	75.0	4.0	40.6	33.4	870	400.0	25.0	4.0	40.5	33.0
795	375.0	75.0	4.0	40.6	33.7	871	425.0	25.0	4.0	40.4	32.7
796	400.0	75.0	4.0	40.6	33.7	872	450.0	25.0	4.0	40.4	32.7
797	425.0	75.0	4.0	40.6	33.7	873	475.0	25.0	4.0	40.3	32.4
798	450.0	75.0	4.0	40.6	33.4	874	500.0	25.0	4.0	40.3	32.2
799	475.0	75.0	4.0	40.5	33.1	875	525.0	25.0	4.0	40.3	31.9
800	500.0	75.0	4.0	40.4	32.6	876	550.0	25.0	4.0	40.3	31.8
801	525.0	75.0	4.0	40.3	32.3	877	575.0	25.0	4.0	40.3	32.0
802	550.0	75.0	4.0	40.3	32.2	878	600.0	25.0	4.0	40.3	32.0
803	575.0	75.0	4.0	40.4	32.5	879	625.0	25.0	4.0	40.3	31.9
804	600.0	75.0	4.0	40.4	32.6	880	650.0	25.0	4.0	40.3	31.9
805	625.0	75.0	4.0	40.4	32.7	881	675.0	25.0	4.0	40.2	31.9
806	650.0	75.0	4.0	40.4	32.6	882	700.0	25.0	4.0	40.2	31.8
807	675.0	75.0	4.0	40.4	32.6	883	725.0	25.0	4.0	40.2	31.8
808	700.0	75.0	4.0	40.4	32.5	884	750.0	25.0	4.0	40.2	31.7
809	725.0	75.0	4.0	40.3	32.4	885	775.0	25.0	4.0	40.2	31.6
810	750.0	75.0	4.0	40.3	32.3	886	800.0	25.0	4.0	40.2	31.6
811	775.0	75.0	4.0	40.3	32.1	887	825.0	25.0	4.0	40.2	31.5
812	800.0	75.0	4.0	40.3	31.9	888	850.0	25.0	4.0	40.2	31.4
813	825.0	75.0	4.0	40.2	31.8	889	-50.0	0.0	4.0	40.1	30.9
814	850.0	75.0	4.0	40.2	31.6	890	-25.0	0.0	4.0	40.1	30.9
815	-50.0	50.0	4.0	40.1	30.9	891	0.0	0.0	4.0	40.1	31.0
816	-25.0	50.0	4.0	40.1	31.0	892	25.0	0.0	4.0	40.1	31.1
817	0.0	50.0	4.0	40.1	31.0	893	50.0	0.0	4.0	40.1	31.2
818	25.0	50.0	4.0	40.1	31.1	894	75.0	0.0	4.0	40.2	31.2
819	50.0	50.0	4.0	40.1	31.2	895	100.0	0.0	4.0	40.2	31.4
820	75.0	50.0	4.0	40.2	31.3	896	125.0	0.0	4.0	40.2	31.5
821	100.0	50.0	4.0	40.2	31.4	897	150.0	0.0	4.0	40.2	31.6
822	125.0	50.0	4.0	40.2	31.5	898	175.0	0.0	4.0	40.2	31.7
823	150.0	50.0	4.0	40.2	31.7	899	200.0	0.0	4.0	40.2	31.9
824	175.0	50.0	4.0	40.2	31.8	900	225.0	0.0	4.0	40.3	32.0
825	200.0	50.0	4.0	40.3	32.0	901	250.0	0.0	4.0	40.3	32.1
826	225.0	50.0	4.0	40.3	32.2	902	275.0	0.0	4.0	40.3	32.3
827	250.0	50.0	4.0	40.3	32.3	903	300.0	0.0	4.0	40.3	32.4
828	275.0	50.0	4.0	40.4	32.5	904	325.0	0.0	4.0	40.4	32.5
829	300.0	50.0	4.0	40.4	32.7	905	350.0	0.0	4.0	40.4	32.6
830	325.0	50.0	4.0	40.4	32.9	906	375.0	0.0	4.0	40.4	32.6
831	350.0	50.0	4.0	40.5	33.0	907	400.0	0.0	4.0	40.4	32.7
832	375.0	50.0	4.0	40.5	33.2	908	425.0	0.0	4.0	40.4	32.6

909	450.0	0.0	4.0	40.4	32.5	955	675.0	-25.0	4.0	40.2	31.6
910	475.0	0.0	4.0	40.3	32.3	956	700.0	-25.0	4.0	40.2	31.6
911	500.0	0.0	4.0	40.3	32.2	957	725.0	-25.0	4.0	40.2	31.6
912	525.0	0.0	4.0	40.3	31.9	958	750.0	-25.0	4.0	40.2	31.5
913	550.0	0.0	4.0	40.2	31.7	959	775.0	-25.0	4.0	40.2	31.5
914	575.0	0.0	4.0	40.2	31.8	960	800.0	-25.0	4.0	40.2	31.4
915	600.0	0.0	4.0	40.3	31.8	961	825.0	-25.0	4.0	40.2	31.3
916	625.0	0.0	4.0	40.3	31.8	962	850.0	-25.0	4.0	40.2	31.3
917	650.0	0.0	4.0	40.2	31.8	963	-50.0	-50.0	4.0	40.1	30.8
918	675.0	0.0	4.0	40.2	31.8	964	-25.0	-50.0	4.0	40.1	30.9
919	700.0	0.0	4.0	40.2	31.7	965	0.0	-50.0	4.0	40.1	30.9
920	725.0	0.0	4.0	40.2	31.6	966	25.0	-50.0	4.0	40.1	31.0
921	750.0	0.0	4.0	40.2	31.6	967	50.0	-50.0	4.0	40.1	31.1
922	775.0	0.0	4.0	40.2	31.5	968	75.0	-50.0	4.0	40.1	31.2
923	800.0	0.0	4.0	40.2	31.5	969	100.0	-50.0	4.0	40.2	31.3
924	825.0	0.0	4.0	40.2	31.4	970	125.0	-50.0	4.0	40.2	31.3
925	850.0	0.0	4.0	40.2	31.3	971	150.0	-50.0	4.0	40.2	31.4
926	-50.0	-25.0	4.0	40.1	30.8	972	175.0	-50.0	4.0	40.2	31.5
927	-25.0	-25.0	4.0	40.1	30.9	973	200.0	-50.0	4.0	40.2	31.7
928	0.0	-25.0	4.0	40.1	31.0	974	225.0	-50.0	4.0	40.2	31.8
929	25.0	-25.0	4.0	40.1	31.0	975	250.0	-50.0	4.0	40.2	31.9
930	50.0	-25.0	4.0	40.1	31.1	976	275.0	-50.0	4.0	40.3	32.0
931	75.0	-25.0	4.0	40.1	31.2	977	300.0	-50.0	4.0	40.3	32.1
932	100.0	-25.0	4.0	40.2	31.3	978	325.0	-50.0	4.0	40.3	32.2
933	125.0	-25.0	4.0	40.2	31.4	979	350.0	-50.0	4.0	40.3	32.2
934	150.0	-25.0	4.0	40.2	31.5	980	375.0	-50.0	4.0	40.3	32.3
935	175.0	-25.0	4.0	40.2	31.7	981	400.0	-50.0	4.0	40.3	32.3
936	200.0	-25.0	4.0	40.2	31.8	982	425.0	-50.0	4.0	40.3	32.3
937	225.0	-25.0	4.0	40.3	31.9	983	450.0	-50.0	4.0	40.3	32.2
938	250.0	-25.0	4.0	40.3	32.0	984	475.0	-50.0	4.0	40.3	32.0
939	275.0	-25.0	4.0	40.3	32.2	985	500.0	-50.0	4.0	40.3	31.9
940	300.0	-25.0	4.0	40.3	32.3	986	525.0	-50.0	4.0	40.2	31.8
941	325.0	-25.0	4.0	40.3	32.4	987	550.0	-50.0	4.0	40.2	31.7
942	350.0	-25.0	4.0	40.4	32.5	988	575.0	-50.0	4.0	40.2	31.7
943	375.0	-25.0	4.0	40.4	32.7	989	600.0	-50.0	4.0	40.2	31.7
944	400.0	-25.0	4.0	40.4	32.6	990	625.0	-50.0	4.0	40.2	31.7
945	425.0	-25.0	4.0	40.4	32.5	991	650.0	-50.0	4.0	40.2	31.7
946	450.0	-25.0	4.0	40.3	32.4	992	675.0	-50.0	4.0	40.2	31.6
947	475.0	-25.0	4.0	40.3	32.2	993	700.0	-50.0	4.0	40.2	31.6
948	500.0	-25.0	4.0	40.3	32.1	994	725.0	-50.0	4.0	40.2	31.5
949	525.0	-25.0	4.0	40.3	32.0	995	750.0	-50.0	4.0	40.2	31.5
950	550.0	-25.0	4.0	40.2	31.8	996	775.0	-50.0	4.0	40.2	31.4
951	575.0	-25.0	4.0	40.2	31.8	997	800.0	-50.0	4.0	40.2	31.3
952	600.0	-25.0	4.0	40.2	31.8	998	825.0	-50.0	4.0	40.2	31.3
953	625.0	-25.0	4.0	40.2	31.8	999	850.0	-50.0	4.0	40.1	31.2
954	650.0	-25.0	4.0	40.2	31.7						

LAeq , dzień: wartość największa poza terenem instalacji występuje w punkcie (500,250,4.0) i wynosi 52.9 dB(A)
LAeq , noc: wartość największa poza terenem instalacji występuje w punkcie (500,325,4.0) i wynosi 47.8 dB(A)

Koniec obliczeń