Appendix F

Noise Measurement and Modeling Results

Noise Measurement 1

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 40-100
- Max dB : 72.5 - 2019/07/30 18:06:01
- Level Range : 40-100
- SEL : 85.7
- Leq : 56.2
-

No.s	Date Time	(dB)
1	2019/07/30 17:59:06	48.5
2	2019/07/30 17:59:09	47.3
3	2019/07/30 17:59:12	47.9
4	2019/07/30 17:59:15	51.1
5	2019/07/30 17:59:18	48.3
6	2019/07/30 17:59:21	51.4
7	2019/07/30 17:59:24	48.1
8	2019/07/30 17:59:27	47.7
9	2019/07/30 17:59:30	48.1
10	2019/07/30 17:59:33	47.3
11	2019/07/30 17:59:36	49.0
12	2019/07/30 17:59:39	56.3
13	2019/07/30 17:59:42	61.1
14	2019/07/30 17:59:45	51.9
15	2019/07/30 17:59:48	48.9
16	2019/07/30 17:59:51	47.7
17	2019/07/30 17:59:54	47.3
18	2019/07/30 17:59:57	47.9
19	2019/07/30 18:00:00	48.0
20	2019/07/30 18:00:03	48.0
21	2019/07/30 18:00:06	48.3
22	2019/07/30 18:00:09	47.1
23	2019/07/30 18:00:12	47.1
24	2019/07/30 18:00:15	47.5
25	2019/07/30 18:00:18	47.7
26	2019/07/30 18:00:21	48.3
27	2019/07/30 18:00:24	48.0
28	2019/07/30 18:00:27	49.7
29	2019/07/30 18:00:30	60.6
30	2019/07/30 18:00:33	59.4
31	2019/07/30 18:00:36	52.5
32	2019/07/30 18:00:39	49.5
33	2019/07/30 18:00:42	48.7
34	2019/07/30 18:00:45	48.3
35	2019/07/30 18:00:48	48.1
36	2019/07/30 18:00:51	48.4
37	2019/07/30 18:00:54	49.6
38	2019/07/30 18:00:57	48.7
39	2019/07/30 18:01:00	48.7
40	2019/07/30 18:01:03	48.5
41	2019/07/30 18:01:06	48.7
42	2019/07/30 18:01:09	49.1
43	2019/07/30 18:01:12	48.5
44	2019/07/30 18:01:15	49.2
45	2019/07/30 18:01:18	49.2
46	2019/07/30 18:01:21	51.3
47	2019/07/30 18:01:24	63.0
48	2019/07/30 18:01:27	56.9
49	2019/07/30 18:01:30	54.9
50	2019/07/30 18:01:33	67.9
51	2019/07/30 18:01:36	62.2
52	2019/07/30 18:01:39	53.4
53	2019/07/30 18:01:42	50.9
54	2019/07/30 18:01:45	48.9
55	2019/07/30 18:01:48	49.4
56	2019/07/30 18:01:51	48.9
57	2019/07/30 18:01:54	48.5
58	2019/07/30 18:01:57	48.3
59	2019/07/30 18:02:00	47.9
60	2019/07/30 18:02:03	48.4
61	2019/07/30 18:02:06	48.1
62	2019/07/30 18:02:09	48.1
63	2019/07/30 18:02:12	50.3
64	2019/07/30 18:02:15	49.3
65	2019/07/30 18:02:18	47.7
66	2019/07/30 18:02:21	48.5
67	2019/07/30 18:02:24	48.0
68	2019/07/30 18:02:27	47.8
69	2019/07/30 18:02:30	47.2
70	2019/07/30 18:02:33	48.0
71	2019/07/30 18:02:36	47.2
72	2019/07/30 18:02:39	47.0
73	2019/07/30 18:02:42	47.6
74	2019/07/30 18:02:45	48.0
75	2019/07/30 18:02:48	48.1
76	2019/07/30 18:02:51	51.6
77	2019/07/30 18:02:54	48.5
78	2019/07/30 18:02:57	48.2
79	2019/07/30 18:03:00	48.2
80	2019/07/30 18:03:03	48.0
81	2019/07/30 18:03:06	48.2
82	2019/07/30 18:03:09	49.9
83	2019/07/30 18:03:12	58.0
84	2019/07/30 18:03:15	58.9
85	2019/07/30 18:03:18	59.7

86	2019/07/30	18:03:21	61.1
87	2019/07/30	18:03:24	60.2
88	2019/07/30	18:03:27	60.6
89	2019/07/30	18:03:30	52.7
90	2019/07/30	18:03:33	49.0
91	2019/07/30	18:03:36	48.0
92	2019/07/30	18:03:39	49.1
93	2019/07/30	18:03:42	56.3
94	2019/07/30	18:03:45	49.8
95	2019/07/30	18:03:48	48.5
96	2019/07/30	18:03:51	48.3
97	2019/07/30	18:03:54	48.3
98	2019/07/30	18:03:57	48.3
99	2019/07/30	18:04:00	48.0
100	2019/07/30	18:04:03	48.3
101	2019/07/30	18:04:06	47.9
102	2019/07/30	18:04:09	48.8
103	2019/07/30	18:04:12	50.4
104	2019/07/30	18:04:15	51.5
105	2019/07/30	18:04:18	48.5
106	2019/07/30	18:04:21	48.1
107	2019/07/30	18:04:24	48.8
108	2019/07/30	18:04:27	48.8
109	2019/07/30	18:04:30	48.4
110	2019/07/30	18:04:33	49.6
111	2019/07/30	18:04:36	59.9
112	2019/07/30	18:04:39	53.5
113	2019/07/30	18:04:42	48.9
114	2019/07/30	18:04:45	48.0
115	2019/07/30	18:04:48	50.1
116	2019/07/30	18:04:51	52.3
117	2019/07/30	18:04:54	52.3
118	2019/07/30	18:04:57	52.9
119	2019/07/30	18:05:00	51.2
120	2019/07/30	18:05:03	50.3
121	2019/07/30	18:05:06	49.2
122	2019/07/30	18:05:09	48.6
123	2019/07/30	18:05:12	48.1
124	2019/07/30	18:05:15	48.6
125	2019/07/30	18:05:18	49.3
126	2019/07/30	18:05:21	48.9
127	2019/07/30	18:05:24	47.9
128	2019/07/30	18:05:27	48.2
129	2019/07/30	18:05:30	47.9
130	2019/07/30	18:05:33	48.0
131	2019/07/30	18:05:36	48.0
132	2019/07/30	18:05:39	47.9
133	2019/07/30	18:05:42	47.9
134	2019/07/30	18:05:45	48.5
135	2019/07/30	18:05:48	48.1
136	2019/07/30	18:05:51	49.1
137	2019/07/30	18:05:54	53.0
138	2019/07/30	18:05:57	63.7
139	2019/07/30	18:06:00	67.4
140	2019/07/30	18:06:03	56.8
141	2019/07/30	18:06:06	49.8
142	2019/07/30	18:06:09	48.8
143	2019/07/30	18:06:12	48.5
144	2019/07/30	18:06:15	50.5
145	2019/07/30	18:06:18	62.4
146	2019/07/30	18:06:21	65.5
147	2019/07/30	18:06:24	56.2
148	2019/07/30	18:06:27	49.4
149	2019/07/30	18:06:30	47.4
150	2019/07/30	18:06:33	46.9
151	2019/07/30	18:06:36	47.2
152	2019/07/30	18:06:39	47.2
153	2019/07/30	18:06:42	47.1
154	2019/07/30	18:06:45	47.5
155	2019/07/30	18:06:48	47.0
156	2019/07/30	18:06:51	47.3
157	2019/07/30	18:06:54	47.5
158	2019/07/30	18:06:57	48.5
159	2019/07/30	18:07:00	53.0
160	2019/07/30	18:07:03	62.6
161	2019/07/30	18:07:06	53.7
162	2019/07/30	18:07:09	48.9
163	2019/07/30	18:07:12	47.9
164	2019/07/30	18:07:15	48.3
165	2019/07/30	18:07:18	48.1
166	2019/07/30	18:07:21	50.9
167	2019/07/30	18:07:24	55.8
168	2019/07/30	18:07:27	63.5
169	2019/07/30	18:07:30	66.7
170	2019/07/30	18:07:33	63.1
171	2019/07/30	18:07:36	55.2
172	2019/07/30	18:07:39	50.6
173	2019/07/30	18:07:42	54.0
174	2019/07/30	18:07:45	50.4
175	2019/07/30	18:07:48	48.3
176	2019/07/30	18:07:51	48.0
177	2019/07/30	18:07:54	49.4
178	2019/07/30	18:07:57	48.9
179	2019/07/30	18:08:00	48.3
180	2019/07/30	18:08:03	48.3
181	2019/07/30	18:08:06	48.3
182	2019/07/30	18:08:09	48.2
183	2019/07/30	18:08:12	47.8
184	2019/07/30	18:08:15	47.3

185	2019/07/30	18:08:18	47.0
186	2019/07/30	18:08:21	47.3
187	2019/07/30	18:08:24	47.5
188	2019/07/30	18:08:27	48.4
189	2019/07/30	18:08:30	54.1
190	2019/07/30	18:08:33	60.4
191	2019/07/30	18:08:36	51.3
192	2019/07/30	18:08:39	47.7
193	2019/07/30	18:08:42	47.2
194	2019/07/30	18:08:45	46.9
195	2019/07/30	18:08:48	47.2
196	2019/07/30	18:08:51	47.1
197	2019/07/30	18:08:54	47.0
198	2019/07/30	18:08:57	47.9
199	2019/07/30	18:09:00	47.7
200	2019/07/30	18:09:03	48.8
201	2019/07/30	18:09:06	50.3
202	2019/07/30	18:09:09	55.2
203	2019/07/30	18:09:12	68.2
204	2019/07/30	18:09:15	58.0
205	2019/07/30	18:09:18	50.6
206	2019/07/30	18:09:21	49.3
207	2019/07/30	18:09:24	51.0
208	2019/07/30	18:09:27	61.9
209	2019/07/30	18:09:30	60.3
210	2019/07/30	18:09:33	60.8
211	2019/07/30	18:09:36	58.2
212	2019/07/30	18:09:39	58.3
213	2019/07/30	18:09:42	63.0
214	2019/07/30	18:09:45	63.3
215	2019/07/30	18:09:48	54.5
216	2019/07/30	18:09:51	50.3
217	2019/07/30	18:09:54	49.2
218	2019/07/30	18:09:57	49.6
219	2019/07/30	18:10:00	49.6
220	2019/07/30	18:10:03	51.0
221	2019/07/30	18:10:06	49.5
222	2019/07/30	18:10:09	49.8
223	2019/07/30	18:10:12	60.8
224	2019/07/30	18:10:15	59.7
225	2019/07/30	18:10:18	51.1
226	2019/07/30	18:10:21	47.5
227	2019/07/30	18:10:24	48.4
228	2019/07/30	18:10:27	50.7
229	2019/07/30	18:10:30	48.0
230	2019/07/30	18:10:33	47.4
231	2019/07/30	18:10:36	46.6
232	2019/07/30	18:10:39	47.1
233	2019/07/30	18:10:42	46.9
234	2019/07/30	18:10:45	46.4
235	2019/07/30	18:10:48	46.2
236	2019/07/30	18:10:51	47.2
237	2019/07/30	18:10:54	48.1
238	2019/07/30	18:10:57	48.2
239	2019/07/30	18:11:00	48.1
240	2019/07/30	18:11:03	47.4
241	2019/07/30	18:11:06	47.5
242	2019/07/30	18:11:09	48.4
243	2019/07/30	18:11:12	48.6
244	2019/07/30	18:11:15	51.4
245	2019/07/30	18:11:18	63.4
246	2019/07/30	18:11:21	60.8
247	2019/07/30	18:11:24	51.9
248	2019/07/30	18:11:27	48.4
249	2019/07/30	18:11:30	48.4
250	2019/07/30	18:11:33	47.9
251	2019/07/30	18:11:36	47.7
252	2019/07/30	18:11:39	48.2
253	2019/07/30	18:11:42	48.9
254	2019/07/30	18:11:45	57.4
255	2019/07/30	18:11:48	57.3
256	2019/07/30	18:11:51	51.1
257	2019/07/30	18:11:54	48.3
258	2019/07/30	18:11:57	47.4
259	2019/07/30	18:12:00	47.8
260	2019/07/30	18:12:03	47.9
261	2019/07/30	18:12:06	49.6
262	2019/07/30	18:12:09	54.4
263	2019/07/30	18:12:12	60.8
264	2019/07/30	18:12:15	63.7
265	2019/07/30	18:12:18	56.1
266	2019/07/30	18:12:21	52.6
267	2019/07/30	18:12:24	62.9
268	2019/07/30	18:12:27	55.7
269	2019/07/30	18:12:30	51.4
270	2019/07/30	18:12:33	49.5
271	2019/07/30	18:12:36	54.7
272	2019/07/30	18:12:39	53.1
273	2019/07/30	18:12:42	57.3
274	2019/07/30	18:12:45	54.7
275	2019/07/30	18:12:48	54.1
276	2019/07/30	18:12:51	49.8
277	2019/07/30	18:12:54	55.0
278	2019/07/30	18:12:57	52.2
279	2019/07/30	18:13:00	48.0
280	2019/07/30	18:13:03	64.1
281	2019/07/30	18:13:06	57.7
282	2019/07/30	18:13:09	50.2
283	2019/07/30	18:13:12	49.7

284	2019/07/30	18:13:15	48.2
285	2019/07/30	18:13:18	50.4
286	2019/07/30	18:13:21	64.7
287	2019/07/30	18:13:24	57.9
288	2019/07/30	18:13:27	50.4
289	2019/07/30	18:13:30	59.8
290	2019/07/30	18:13:33	60.4
291	2019/07/30	18:13:36	53.8
292	2019/07/30	18:13:39	49.1
293	2019/07/30	18:13:42	48.5
294	2019/07/30	18:13:45	54.1
295	2019/07/30	18:13:48	72.2
296	2019/07/30	18:13:51	62.9
297	2019/07/30	18:13:54	53.5
298	2019/07/30	18:13:57	52.5
299	2019/07/30	18:14:00	62.9
300	2019/07/30	18:14:03	54.9

Noise Measurement 2

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 40-100
- Max dB : 80.3 - 2019/07/30 17:48:12
- Level Range : 40-100
- SEL : 99.5
- Leq : 68.7
-

No.s	Date Time	(dB)
1	2019/07/30 17:36:02	64.6
2	2019/07/30 17:36:05	70.0
3	2019/07/30 17:36:08	71.6
4	2019/07/30 17:36:11	70.5
5	2019/07/30 17:36:14	66.8
6	2019/07/30 17:36:17	68.6
7	2019/07/30 17:36:20	66.7
8	2019/07/30 17:36:23	62.7
9	2019/07/30 17:36:26	61.5
10	2019/07/30 17:36:29	67.3
11	2019/07/30 17:36:32	62.8
12	2019/07/30 17:36:35	62.1
13	2019/07/30 17:36:38	59.7
14	2019/07/30 17:36:41	58.4
15	2019/07/30 17:36:44	60.6
16	2019/07/30 17:36:47	68.1
17	2019/07/30 17:36:50	71.1
18	2019/07/30 17:36:53	72.8
19	2019/07/30 17:36:56	70.3
20	2019/07/30 17:36:59	66.3
21	2019/07/30 17:37:02	62.8
22	2019/07/30 17:37:05	63.0
23	2019/07/30 17:37:08	68.0
24	2019/07/30 17:37:11	65.6
25	2019/07/30 17:37:14	63.3
26	2019/07/30 17:37:17	64.1
27	2019/07/30 17:37:20	64.2
28	2019/07/30 17:37:23	63.7
29	2019/07/30 17:37:26	63.1
30	2019/07/30 17:37:29	71.5
31	2019/07/30 17:37:32	72.6
32	2019/07/30 17:37:35	66.6
33	2019/07/30 17:37:38	65.0
34	2019/07/30 17:37:41	73.1
35	2019/07/30 17:37:44	71.9
36	2019/07/30 17:37:47	69.8
37	2019/07/30 17:37:50	68.7
38	2019/07/30 17:37:53	69.8
39	2019/07/30 17:37:56	68.7
40	2019/07/30 17:37:59	67.2
41	2019/07/30 17:38:02	65.7
42	2019/07/30 17:38:05	68.3
43	2019/07/30 17:38:08	67.5
44	2019/07/30 17:38:11	66.8
45	2019/07/30 17:38:14	67.8
46	2019/07/30 17:38:17	68.9
47	2019/07/30 17:38:20	68.6
48	2019/07/30 17:38:23	67.0
49	2019/07/30 17:38:26	65.3
50	2019/07/30 17:38:29	64.6
51	2019/07/30 17:38:32	63.0
52	2019/07/30 17:38:35	63.2
53	2019/07/30 17:38:38	61.1
54	2019/07/30 17:38:41	58.8
55	2019/07/30 17:38:44	59.2
56	2019/07/30 17:38:47	58.8
57	2019/07/30 17:38:50	60.5
58	2019/07/30 17:38:53	58.6
59	2019/07/30 17:38:56	58.3
60	2019/07/30 17:38:59	57.8
61	2019/07/30 17:39:02	62.4
62	2019/07/30 17:39:05	66.6
63	2019/07/30 17:39:08	71.6
64	2019/07/30 17:39:11	67.4
65	2019/07/30 17:39:14	66.1
66	2019/07/30 17:39:17	72.4
67	2019/07/30 17:39:20	66.6
68	2019/07/30 17:39:23	63.1
69	2019/07/30 17:39:26	60.4
70	2019/07/30 17:39:29	61.8
71	2019/07/30 17:39:32	71.3
72	2019/07/30 17:39:35	70.6
73	2019/07/30 17:39:38	72.2
74	2019/07/30 17:39:41	74.4
75	2019/07/30 17:39:44	73.7
76	2019/07/30 17:39:47	74.4
77	2019/07/30 17:39:50	73.4
78	2019/07/30 17:39:53	71.7
79	2019/07/30 17:39:56	69.4
80	2019/07/30 17:39:59	69.1
81	2019/07/30 17:40:02	75.1
82	2019/07/30 17:40:05	71.1
83	2019/07/30 17:40:08	70.9
84	2019/07/30 17:40:11	69.9
85	2019/07/30 17:40:14	70.0

86	2019/07/30	17:40:17	67.1
87	2019/07/30	17:40:20	65.7
88	2019/07/30	17:40:23	64.1
89	2019/07/30	17:40:26	65.0
90	2019/07/30	17:40:29	69.1
91	2019/07/30	17:40:32	70.6
92	2019/07/30	17:40:35	66.4
93	2019/07/30	17:40:38	61.7
94	2019/07/30	17:40:41	59.9
95	2019/07/30	17:40:44	58.8
96	2019/07/30	17:40:47	57.1
97	2019/07/30	17:40:50	57.2
98	2019/07/30	17:40:53	59.6
99	2019/07/30	17:40:56	61.0
100	2019/07/30	17:40:59	60.0
101	2019/07/30	17:41:02	59.9
102	2019/07/30	17:41:05	60.3
103	2019/07/30	17:41:08	60.3
104	2019/07/30	17:41:11	65.4
105	2019/07/30	17:41:14	66.2
106	2019/07/30	17:41:17	67.5
107	2019/07/30	17:41:20	68.6
108	2019/07/30	17:41:23	67.2
109	2019/07/30	17:41:26	66.5
110	2019/07/30	17:41:29	68.9
111	2019/07/30	17:41:32	67.5
112	2019/07/30	17:41:35	66.4
113	2019/07/30	17:41:38	65.2
114	2019/07/30	17:41:41	67.0
115	2019/07/30	17:41:44	69.8
116	2019/07/30	17:41:47	70.9
117	2019/07/30	17:41:50	70.8
118	2019/07/30	17:41:53	70.9
119	2019/07/30	17:41:56	71.2
120	2019/07/30	17:41:59	70.7
121	2019/07/30	17:42:02	69.0
122	2019/07/30	17:42:05	68.1
123	2019/07/30	17:42:08	71.6
124	2019/07/30	17:42:11	67.1
125	2019/07/30	17:42:14	69.7
126	2019/07/30	17:42:17	70.2
127	2019/07/30	17:42:20	67.9
128	2019/07/30	17:42:23	67.8
129	2019/07/30	17:42:26	64.0
130	2019/07/30	17:42:29	65.5
131	2019/07/30	17:42:32	67.4
132	2019/07/30	17:42:35	63.9
133	2019/07/30	17:42:38	61.7
134	2019/07/30	17:42:41	62.3
135	2019/07/30	17:42:44	65.2
136	2019/07/30	17:42:47	68.8
137	2019/07/30	17:42:50	69.5
138	2019/07/30	17:42:53	70.8
139	2019/07/30	17:42:56	67.1
140	2019/07/30	17:42:59	68.8
141	2019/07/30	17:43:02	66.5
142	2019/07/30	17:43:05	66.6
143	2019/07/30	17:43:08	63.0
144	2019/07/30	17:43:11	61.7
145	2019/07/30	17:43:14	58.9
146	2019/07/30	17:43:17	58.8
147	2019/07/30	17:43:20	65.3
148	2019/07/30	17:43:23	70.3
149	2019/07/30	17:43:26	70.8
150	2019/07/30	17:43:29	72.8
151	2019/07/30	17:43:32	76.8
152	2019/07/30	17:43:35	73.5
153	2019/07/30	17:43:38	68.8
154	2019/07/30	17:43:41	71.1
155	2019/07/30	17:43:44	72.4
156	2019/07/30	17:43:47	72.4
157	2019/07/30	17:43:50	73.0
158	2019/07/30	17:43:53	71.3
159	2019/07/30	17:43:56	75.0
160	2019/07/30	17:43:59	71.5
161	2019/07/30	17:44:02	68.7
162	2019/07/30	17:44:05	72.4
163	2019/07/30	17:44:08	73.8
164	2019/07/30	17:44:11	72.4
165	2019/07/30	17:44:14	72.9
166	2019/07/30	17:44:17	70.2
167	2019/07/30	17:44:20	67.6
168	2019/07/30	17:44:23	64.1
169	2019/07/30	17:44:26	63.0
170	2019/07/30	17:44:29	62.4
171	2019/07/30	17:44:32	66.2
172	2019/07/30	17:44:35	63.5
173	2019/07/30	17:44:38	62.1
174	2019/07/30	17:44:41	60.5
175	2019/07/30	17:44:44	58.9
176	2019/07/30	17:44:47	58.0
177	2019/07/30	17:44:50	56.3
178	2019/07/30	17:44:53	57.3
179	2019/07/30	17:44:56	58.2
180	2019/07/30	17:44:59	57.7
181	2019/07/30	17:45:02	59.7
182	2019/07/30	17:45:05	62.3
183	2019/07/30	17:45:08	61.2
184	2019/07/30	17:45:11	63.1

185	2019/07/30 17:45:14	61.8
186	2019/07/30 17:45:17	66.2
187	2019/07/30 17:45:20	70.3
188	2019/07/30 17:45:23	69.7
189	2019/07/30 17:45:26	69.8
190	2019/07/30 17:45:29	78.5
191	2019/07/30 17:45:32	71.3
192	2019/07/30 17:45:35	66.9
193	2019/07/30 17:45:38	64.9
194	2019/07/30 17:45:41	69.0
195	2019/07/30 17:45:44	71.8
196	2019/07/30 17:45:47	69.6
197	2019/07/30 17:45:50	67.3
198	2019/07/30 17:45:53	68.0
199	2019/07/30 17:45:56	67.6
200	2019/07/30 17:45:59	72.0
201	2019/07/30 17:46:02	72.8
202	2019/07/30 17:46:05	72.7
203	2019/07/30 17:46:08	71.4
204	2019/07/30 17:46:11	71.3
205	2019/07/30 17:46:14	70.6
206	2019/07/30 17:46:17	69.8
207	2019/07/30 17:46:20	70.0
208	2019/07/30 17:46:23	64.6
209	2019/07/30 17:46:26	63.0
210	2019/07/30 17:46:29	66.2
211	2019/07/30 17:46:32	69.6
212	2019/07/30 17:46:35	71.4
213	2019/07/30 17:46:38	64.8
214	2019/07/30 17:46:41	60.1
215	2019/07/30 17:46:44	57.9
216	2019/07/30 17:46:47	56.5
217	2019/07/30 17:46:50	57.4
218	2019/07/30 17:46:53	58.1
219	2019/07/30 17:46:56	58.0
220	2019/07/30 17:46:59	65.6
221	2019/07/30 17:47:02	62.0
222	2019/07/30 17:47:05	65.1
223	2019/07/30 17:47:08	65.7
224	2019/07/30 17:47:11	66.2
225	2019/07/30 17:47:14	65.7
226	2019/07/30 17:47:17	66.8
227	2019/07/30 17:47:20	67.3
228	2019/07/30 17:47:23	76.3
229	2019/07/30 17:47:26	69.7
230	2019/07/30 17:47:29	70.2
231	2019/07/30 17:47:32	71.1
232	2019/07/30 17:47:35	66.7
233	2019/07/30 17:47:38	62.1
234	2019/07/30 17:47:41	69.7
235	2019/07/30 17:47:44	70.0
236	2019/07/30 17:47:47	69.8
237	2019/07/30 17:47:50	72.7
238	2019/07/30 17:47:53	71.7
239	2019/07/30 17:47:56	70.5
240	2019/07/30 17:47:59	69.9
241	2019/07/30 17:48:02	66.2
242	2019/07/30 17:48:05	66.0
243	2019/07/30 17:48:08	67.1
244	2019/07/30 17:48:11	76.2
245	2019/07/30 17:48:14	68.8
246	2019/07/30 17:48:17	69.0
247	2019/07/30 17:48:20	68.8
248	2019/07/30 17:48:23	71.4
249	2019/07/30 17:48:26	69.1
250	2019/07/30 17:48:29	66.8
251	2019/07/30 17:48:32	67.7
252	2019/07/30 17:48:35	62.8
253	2019/07/30 17:48:38	62.7
254	2019/07/30 17:48:41	58.4
255	2019/07/30 17:48:44	58.5
256	2019/07/30 17:48:47	57.8
257	2019/07/30 17:48:50	57.1
258	2019/07/30 17:48:53	58.0
259	2019/07/30 17:48:56	58.5
260	2019/07/30 17:48:59	58.8
261	2019/07/30 17:49:02	59.1
262	2019/07/30 17:49:05	60.5
263	2019/07/30 17:49:08	62.1
264	2019/07/30 17:49:11	62.0
265	2019/07/30 17:49:14	70.0
266	2019/07/30 17:49:17	72.8
267	2019/07/30 17:49:20	70.4
268	2019/07/30 17:49:23	67.5
269	2019/07/30 17:49:26	67.5
270	2019/07/30 17:49:29	67.6
271	2019/07/30 17:49:32	65.8
272	2019/07/30 17:49:35	65.2
273	2019/07/30 17:49:38	65.6
274	2019/07/30 17:49:41	65.8
275	2019/07/30 17:49:44	65.8
276	2019/07/30 17:49:47	64.9
277	2019/07/30 17:49:50	64.7
278	2019/07/30 17:49:53	64.2
279	2019/07/30 17:49:56	66.1
280	2019/07/30 17:49:59	65.6
281	2019/07/30 17:50:02	64.6
282	2019/07/30 17:50:05	65.3
283	2019/07/30 17:50:08	72.9

284	2019/07/30	17:50:11	74.5
285	2019/07/30	17:50:14	76.6
286	2019/07/30	17:50:17	69.9
287	2019/07/30	17:50:20	69.7
288	2019/07/30	17:50:23	68.0
289	2019/07/30	17:50:26	64.0
290	2019/07/30	17:50:29	61.8
291	2019/07/30	17:50:32	62.0
292	2019/07/30	17:50:35	67.4
293	2019/07/30	17:50:38	65.2
294	2019/07/30	17:50:41	66.4
295	2019/07/30	17:50:44	71.6
296	2019/07/30	17:50:47	62.6
297	2019/07/30	17:50:50	58.8
298	2019/07/30	17:50:53	61.1
299	2019/07/30	17:50:56	61.9
300	2019/07/30	17:50:59	60.2

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 7/11/2019
Case Description: 8555 West Hollywood Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Reference Distance	Residential	65	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	50	0
Dump Truck	No	40		76.5	50	0
Front End Loader	No	40		79.1	50	0

Results

		Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator		80.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	80.7	79.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Residential Receptor	Residential	65	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	50	0
Dump Truck	No	40		76.5	50	0
Front End Loader	No	40		79.1	50	0

Results

		Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator		80.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	80.7	79.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problems

Echo Barrier™

The Industry's First Reusable, Indoor/ Outdoor Noise Barrier/Absorber

- Superior acoustic performance
- Industrial durability
- Simple and quick installation system
- Lightweight for easy handling
- Unique roll-up design for compact storage and transportation
- Double or triple up for noise 'hot spots'
- Ability to add branding or messages
- Range of accessories available
- Weatherproof – absorbs sound but not water
- Fire retardant
- 1 person can do the job of 2 or 3 people

Why is it all too often we see construction sites with fencing but no regard for sound issues created from the construction that is taking place? This is due to the fact that there has not been an efficient means of treating this type of noise that was cost effective ***until now.***

Echo Barrier temporary fencing is a reusable, outdoor noise barrier. Designed to fit on all types of temporary fencing. Echo Barrier absorbs sound while remaining quick to install, light to carry and tough to last.

BENEFITS: Echo Barrier can help reduce noise complaints, enhance your company reputation, extend site operating hours, reduce project timescales & costs, and improve working conditions.

APPLICATIONS: Echo Barrier works great for construction & demolition sites; rail maintenance & replacement; music, sports and other public events; road construction; utility/maintenance sites; loading and unloading areas; outdoor gun ranges.

DIMENSIONS: 6.56' × 4.49'.

WEIGHT: 13 lbs.

ACOUSTIC PERFORMANCE: 10-20dB noise reduction (greater if barrier is doubled up).

INSTALLATION: The Echo Barrier is easily installed using our quick hook system and specially designed elastic ties.

Echo Barrier Transmission Loss Field Data							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Single Layer	6	12	16	23	28	30	30
Double Layer	7	19	24	28	32	31	32

SonaGuard® (US Patent Pending)

Perforated Fiberglass Sound-Absorptive Noise Barrier System

Superior Acoustics — Wide Spans — High Strength

Tallest Sound-Absorptive Noise Barrier in North America — 45 ft

- **Exceptional Acoustical Performance: NRC 1.05 and STC 35**
- **Extreme Strength = Wider Spans = Fewer Foundations = Lower Turnkey Cost**
- **Lightweight: Less than 5 lbs per square foot**
- **Easy to Install and Easy Field Modification**
- **Aesthetic Shiplap Design Towards Receivers and Residents**
- **Non-Glare finish**
- **Non-Conductive**
- **Non-Corrosive**
- **Non-Flammable**
- **DOT and FERC Approved**
- **Phenolic and Ballistic Options Available**

The SonaGuard® Absorptive Noise Barrier is the highest quality reinforced fiberglass noise barrier on the market. Manufactured using the most advanced materials and processes, it has been designed with strength, noise reduction, and aesthetics in mind. SonaGuard® panels feature a tongue-and-groove design which provides superior deflection strength, and also eliminates any spaces or gaps that would allow unwanted noise to escape.

Sound Fighter© Systems L.L.C. and its Noise Barrier Systems are proudly 100% located, sourced and manufactured in the USA.

ACCREDITED BUSINESS BBB

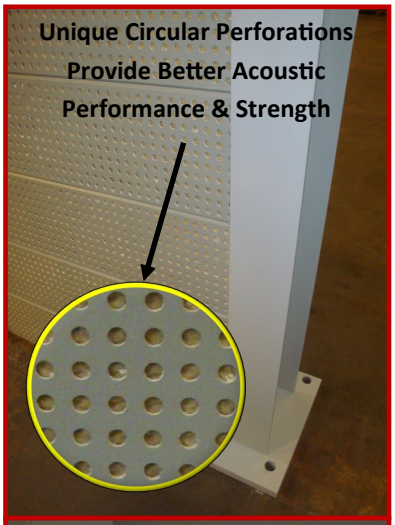
Business Of the Year

SOUND FIGHTER® SYSTEMS

America's Oldest Manufacturer of High-Performance Outdoor Noise Barrier Systems

SonaGuard® Noise Barrier Features:

- Noise Reduction Coefficient (NRC) of **1.05**
- Sound Transmission Class (STC) of **35**
- Wide Spans = fewer foundations = easier install = less $$
- Can meet any current North American wind load
- Lightweight and Modular – means quick installation in confined areas without the use of heavy equipment, minimizing traffic control issues and damage to surrounding landscaping
- Available in many colors
- UV resistant, continuous glass reinforced composite material that is resistant to corrosion, chemical abrasion and weathering
- Will not corrode, rust or rot
- Graffiti, moisture and freeze/thaw resistant
- Class A Flame Rating



Effective Noise Reduction for:

> DOT and Highway	> Rail
> Oil & Gas	> Electrical Substations
> Recycling	> Commercial HVAC
> Military	> Bridges and Rooftops
> Water and Wastewater	> Big Box Development
> Industrial and Manufacturing	> LNG

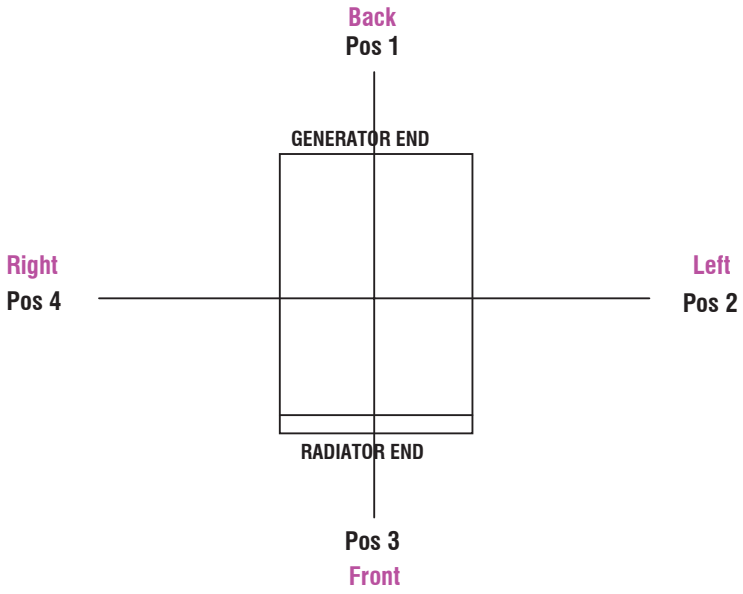
SonaGuard® Specifications:

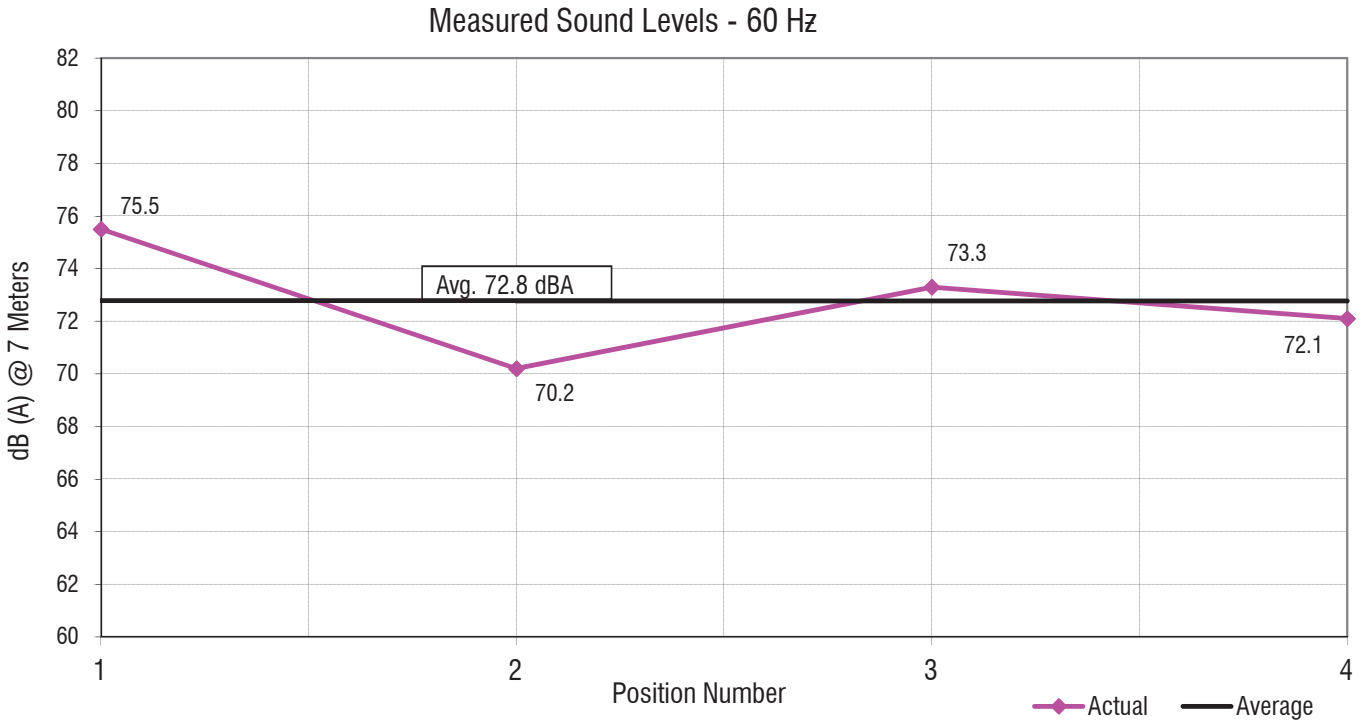
Length: up to 18 ft
Width: 2.75 inches
Height: 12 inches
Weight: 4.4 lb/sq ft
Tensile strength: 69,812 psi
Compressive strength: 28,000 psi
Tensile modulus: 3,343,000 psi
Flex strength: 67,000 psi
Flex modulus: 1,880,000 psi
Specific Gravity: 1.8
NRC Rating: 1.05
STC rating: 35

For more information on Sound Fighter® Systems:

Call: 1-866-348-0833 **E-mail: info@soundfighter.com** **Visit: www.soundfighter.com**

LEVEL 1 ACOUSTIC ENCLOSURE
SD50 3.4L GENERAC





Notes:

1. All positions 23 ft (7M) from side faces of generator set.
2. Generator operating at full load.
3. Test conducted on a 100 foot diameter asphault surface.
4. Non-enclosed sets do not include exhaust sound during testing.

BRD Noise and Vibration Control, Inc.
P.O. BOX 127, 112 FAIRVIEW AVE., WIND GAP, PA 18091-0127 - 610-863-6300 FAX: 610-863-4230
E-mail: info@brd-nonoise.com Web: www.brd-nonoise.com

HUSHCORE™ *SOURCE CONTROL SYSTEMS* FOR AIR COOLED CHILLERS

HUSHCORE™ System	Treatment Strategy						Typical Noise Reductions*	Application Guidelines
	Source Control (Direct Application)							
	HUSH COVERS™ for compressors	HUSH COVERS™ for Circuit Extended components	HUSH DUCT™ Acoustical Louvers	Top Mounted Unit Supported HUSH GUARD™ Condenser Fan Acoustical Discharge Plenum	Independently Mounted Wind Load Rated HUSH GUARD™ Condenser Fan Discharge Plenum	HUSH DUCT™ Splitter Baffles		
Standard™ "SL"	X (HC-500S-1)						2 – 3 dBA	Non Critical treatment
Standard™ "SC"	X (HC-500S-1)	X (HC-500S-1)					4 – 6 dBA	Compressor Circuits Source Control Treatment
Louver™			X (HDAL)				4 – 6 dBA	Condenser Fan Intake Source Control Treatment
Unitary™ "TM"				X (HGU)			3 – 5 dBA	Plenum Style Condenser Fan Discharge Source Control Treatment
Unitary™ "IS"					X (HGU)			
UnitaryPlus™				X (HGU-400)		X HG-400-PP	5 – 7 dBA	Condenser Fan Discharge Source Control Treatment

***** Typical noise reductions are based on a receiver location no more than 6' above the base of the chiller and within the acoustic shadow zone.

February 2016