

# Appendix K

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Noise Modeling Data

Freq Weight : A  
 Time Weight : SLOW  
 Level Range : 40-100  
 Max dB : 70.1 - 2020/09/18 10:22:23  
 Level Range : 40-100  
 SEL : 96.0  
 Leq : 66.5

No. s	Date Time	(dB)					
1	2020/09/18 10:21:25	67.0	67.1	67.1	66.5	66.5	
6	2020/09/18 10:21:40	66.5	66.4	66.9	66.6	66.6	
11	2020/09/18 10:21:55	66.8	66.9	66.7	66.8	66.9	
16	2020/09/18 10:22:10	67.0	67.2	66.5	68.3	68.9	
21	2020/09/18 10:22:25	67.6	67.0	66.3	66.8	66.4	
26	2020/09/18 10:22:40	66.4	66.7	66.5	66.5	66.4	
31	2020/09/18 10:22:55	66.0	66.0	66.0	66.2	66.1	
36	2020/09/18 10:23:10	66.4	66.5	66.5	66.4	66.3	
41	2020/09/18 10:23:25	66.0	66.5	66.5	66.4	66.2	
46	2020/09/18 10:23:40	66.3	66.0	66.2	66.3	66.0	
51	2020/09/18 10:23:55	66.2	66.0	65.8	65.9	66.0	
56	2020/09/18 10:24:10	65.9	66.0	66.2	66.4	66.5	
61	2020/09/18 10:24:25	66.4	66.2	66.5	66.6	66.3	
66	2020/09/18 10:24:40	66.0	66.3	66.2	65.9	66.5	
71	2020/09/18 10:24:55	66.7	66.4	66.1	66.2	65.9	
76	2020/09/18 10:25:10	66.0	66.3	66.5	66.4	65.9	
81	2020/09/18 10:25:25	66.2	66.3	66.2	66.0	66.1	
86	2020/09/18 10:25:40	66.1	66.5	66.5	66.1	65.9	
91	2020/09/18 10:25:55	66.5	66.5	66.6	66.6	66.8	
96	2020/09/18 10:26:10	67.0	66.8	66.8	66.8	66.8	
101	2020/09/18 10:26:25	66.5	66.7	66.6	66.6	66.7	
106	2020/09/18 10:26:40	66.9	66.9	66.6	66.5	66.5	
111	2020/09/18 10:26:55	66.3	66.3	66.7	66.6	66.8	
116	2020/09/18 10:27:10	66.9	66.9	66.6	66.6	66.9	
121	2020/09/18 10:27:25	67.2	67.1	67.2	67.0	66.7	
126	2020/09/18 10:27:40	66.4	66.9	66.2	66.5	66.3	
131	2020/09/18 10:27:55	66.3	66.6	66.6	67.1	66.4	
136	2020/09/18 10:28:10	66.2	66.3	66.1	66.6	66.3	
141	2020/09/18 10:28:25	66.7	66.8	66.6	66.1	66.2	
146	2020/09/18 10:28:40	66.6	66.6	66.8	66.6	67.0	
151	2020/09/18 10:28:55	66.9	66.9	66.9	66.6	66.8	
156	2020/09/18 10:29:10	66.9	66.6	66.1	66.4	66.3	
161	2020/09/18 10:29:25	66.1	66.3	66.3	66.5	66.3	
166	2020/09/18 10:29:40	66.4	66.1	66.1	66.2	66.2	
171	2020/09/18 10:29:55	66.2	66.1	66.5	66.4	66.8	
176	2020/09/18 10:30:10	66.6	66.5	66.4	66.2	66.2	
181	2020/09/18 10:30:25	66.2	66.2	66.2	66.4	66.3	
186	2020/09/18 10:30:40	66.4	66.7	66.6	66.6	66.6	
191	2020/09/18 10:30:55	66.6	66.7	66.5	66.5	66.6	
196	2020/09/18 10:31:10	66.4	66.4	66.6	66.7	66.6	
201	2020/09/18 10:31:25	66.4	66.6	66.5	66.3	66.5	
206	2020/09/18 10:31:40	66.6	66.7	66.5	67.0	68.4	
211	2020/09/18 10:31:55	68.7	68.8	67.9	67.0	65.6	
216	2020/09/18 10:32:10	66.3	67.6	66.6	66.4	65.9	
221	2020/09/18 10:32:25	66.1	66.2	66.7	66.3	66.2	
226	2020/09/18 10:32:40	66.7	66.6	66.2	66.2	66.3	
231	2020/09/18 10:32:55	66.1	66.1	66.6	66.3	66.3	
236	2020/09/18 10:33:10	66.1	66.3	66.4	66.2	66.7	
241	2020/09/18 10:33:25	66.4	66.4	66.3	66.6	66.5	
246	2020/09/18 10:33:40	66.4	66.4	66.7	66.7	66.4	
251	2020/09/18 10:33:55	66.7	66.6	66.3	66.2	66.4	
256	2020/09/18 10:34:10	66.3	66.5	66.6	66.7	66.7	
261	2020/09/18 10:34:25	66.9	66.7	66.6	66.5	67.1	
266	2020/09/18 10:34:40	66.6	66.7	66.7	66.2	66.2	
271	2020/09/18 10:34:55	66.0	66.0	66.2	66.6	67.2	
276	2020/09/18 10:35:10	66.6	66.9	67.1	67.4	67.1	
281	2020/09/18 10:35:25	67.3	67.1	67.0	67.3	67.1	
286	2020/09/18 10:35:40	67.3	66.9	66.8	66.8	66.6	
291	2020/09/18 10:35:55	66.8	66.9	66.5	66.6	66.4	
296	2020/09/18 10:36:10	66.8	66.7	66.6	66.8	66.6	

Freq Weight : A  
 Time Weight : SLOW  
 Level Range : 40-100  
 Max dB : 60.2 - 2020/09/18 11:10:46  
 Level Range : 40-100  
 SEL : 77.8  
 Leq : 48.3

No.s	Date Time	(dB)					
1	2020/09/18 11:09:47	46.6	46.3	45.8	45.5	46.9	
6	2020/09/18 11:10:02	47.2	46.6	47.0	47.6	46.5	
11	2020/09/18 11:10:17	46.6	48.2	47.4	47.1	50.9	
16	2020/09/18 11:10:32	55.1	56.2	58.3	59.1	59.8	
21	2020/09/18 11:10:47	60.0	56.4	54.2	55.3	53.8	
26	2020/09/18 11:11:02	54.4	53.4	51.9	52.4	49.5	
31	2020/09/18 11:11:17	52.6	55.9	52.4	49.2	50.7	
36	2020/09/18 11:11:32	47.0	46.8	46.2	46.5	46.0	
41	2020/09/18 11:11:47	45.7	45.4	45.4	45.7	45.9	
46	2020/09/18 11:12:02	45.5	45.7	45.4	45.8	46.1	
51	2020/09/18 11:12:17	47.3	46.2	45.7	46.1	45.9	
56	2020/09/18 11:12:32	46.5	46.5	45.8	46.5	46.3	
61	2020/09/18 11:12:47	46.8	47.0	48.2	47.9	46.2	
66	2020/09/18 11:13:02	45.8	45.7	45.2	44.9	45.2	
71	2020/09/18 11:13:17	45.1	45.4	45.4	45.4	44.8	
76	2020/09/18 11:13:32	45.5	45.7	45.9	46.1	46.1	
81	2020/09/18 11:13:47	46.9	47.1	47.3	46.8	45.5	
86	2020/09/18 11:14:02	45.7	46.8	46.3	46.1	47.3	
91	2020/09/18 11:14:17	46.5	46.8	46.3	45.0	44.9	
96	2020/09/18 11:14:32	46.0	45.3	46.3	45.4	45.7	
101	2020/09/18 11:14:47	45.2	47.1	45.5	45.8	47.6	
106	2020/09/18 11:15:02	51.2	52.6	50.7	49.1	51.1	
111	2020/09/18 11:15:17	48.4	53.4	55.5	52.4	53.2	
116	2020/09/18 11:15:32	49.6	46.6	45.9	49.7	47.2	
121	2020/09/18 11:15:47	48.6	48.1	47.0	46.8	48.0	
126	2020/09/18 11:16:02	47.3	46.3	46.5	45.1	45.0	
131	2020/09/18 11:16:17	45.1	45.1	46.0	45.4	45.1	
136	2020/09/18 11:16:32	44.8	44.9	45.5	44.6	44.7	
141	2020/09/18 11:16:47	44.8	44.7	44.0	44.3	44.6	
146	2020/09/18 11:17:02	44.4	44.5	44.6	44.1	44.7	
151	2020/09/18 11:17:17	44.7	45.0	45.0	44.6	45.0	
156	2020/09/18 11:17:32	45.2	44.8	44.8	44.3	44.8	
161	2020/09/18 11:17:47	45.0	45.5	45.5	45.5	45.5	
166	2020/09/18 11:18:02	45.3	45.3	45.0	45.1	46.0	
171	2020/09/18 11:18:17	45.6	45.4	44.9	45.1	44.7	
176	2020/09/18 11:18:32	44.7	44.6	44.6	44.8	44.7	
181	2020/09/18 11:18:47	45.2	45.6	45.8	45.4	45.6	
186	2020/09/18 11:19:02	46.2	47.6	47.6	46.1	46.9	
191	2020/09/18 11:19:17	47.2	47.3	47.7	46.5	46.1	
196	2020/09/18 11:19:32	46.0	46.3	46.6	47.4	45.9	
201	2020/09/18 11:19:47	45.8	45.6	46.2	47.5	47.8	
206	2020/09/18 11:20:02	47.5	46.7	46.0	47.4	46.4	
211	2020/09/18 11:20:17	47.1	47.1	46.6	46.4	46.4	
216	2020/09/18 11:20:32	46.4	46.4	48.4	47.0	47.5	
221	2020/09/18 11:20:47	46.8	46.4	46.2	45.5	46.3	
226	2020/09/18 11:21:02	46.8	47.7	47.6	47.3	48.8	
231	2020/09/18 11:21:17	47.7	47.9	47.3	46.5	46.5	
236	2020/09/18 11:21:32	46.2	45.8	45.7	45.7	46.1	
241	2020/09/18 11:21:47	46.1	46.1	45.9	46.2	46.3	
246	2020/09/18 11:22:02	46.8	46.5	46.6	46.7	47.0	
251	2020/09/18 11:22:17	48.3	48.3	47.6	47.7	47.4	
256	2020/09/18 11:22:32	47.1	47.0	48.3	47.8	47.3	
261	2020/09/18 11:22:47	48.3	49.5	48.9	49.0	48.6	
266	2020/09/18 11:23:02	48.7	47.3	47.1	46.8	47.0	
271	2020/09/18 11:23:17	47.4	47.0	46.5	46.8	47.2	
276	2020/09/18 11:23:32	47.3	46.7	46.7	46.6	46.1	
281	2020/09/18 11:23:47	46.2	47.6	47.3	47.1	47.5	
286	2020/09/18 11:24:02	47.1	45.9	45.5	45.3	45.4	
291	2020/09/18 11:24:17	45.4	44.9	44.8	44.7	44.7	
296	2020/09/18 11:24:32	45.5	45.3	46.0	48.5	46.7	

Freq Weight : A  
 Time Weight : SLOW  
 Level Range : 40-100  
 Max dB : 83.7 - 2020/09/18 11:37:05  
 Level Range : 40-100  
 SEL : 99.5  
 Leq : 70.0

No.s	Date Time	(dB)				
1	2020/09/18 11:34:00	57.5	69.6	74.8	65.6	61.1
6	2020/09/18 11:34:15	65.2	80.8	72.0	72.7	63.8
11	2020/09/18 11:34:30	59.5	59.9	58.1	57.8	59.1
16	2020/09/18 11:34:45	58.5	58.3	58.2	61.6	78.2
21	2020/09/18 11:35:00	68.3	66.8	72.3	74.8	71.9
26	2020/09/18 11:35:15	77.5	79.5	73.9	67.0	63.1
31	2020/09/18 11:35:30	61.2	69.3	78.3	81.3	77.1
36	2020/09/18 11:35:45	69.2	74.0	76.1	74.4	73.8
41	2020/09/18 11:36:00	68.7	65.5	76.0	72.2	73.5
46	2020/09/18 11:36:15	72.9	71.5	71.2	68.4	65.1
51	2020/09/18 11:36:30	76.0	65.6	70.5	71.2	61.2
56	2020/09/18 11:36:45	58.1	56.8	57.5	57.8	58.1
61	2020/09/18 11:37:00	67.0	82.3	73.5	74.1	67.8
66	2020/09/18 11:37:15	64.5	63.1	65.0	68.8	64.3
71	2020/09/18 11:37:30	60.9	61.0	69.3	78.5	69.8
76	2020/09/18 11:37:45	64.1	68.9	71.0	65.6	72.7
81	2020/09/18 11:38:00	75.8	70.2	70.8	69.6	64.2
86	2020/09/18 11:38:15	75.6	76.4	66.2	62.1	69.4
91	2020/09/18 11:38:30	60.6	57.2	56.9	57.1	57.2
96	2020/09/18 11:38:45	59.1	64.2	71.0	75.4	70.0
101	2020/09/18 11:39:00	69.3	65.8	75.1	68.3	65.0
106	2020/09/18 11:39:15	64.6	72.8	68.9	71.0	66.5
111	2020/09/18 11:39:30	69.6	77.1	67.2	61.3	57.4
116	2020/09/18 11:39:45	56.6	56.8	56.9	57.6	57.1
121	2020/09/18 11:40:00	57.0	57.3	57.4	56.8	56.4
126	2020/09/18 11:40:15	57.5	58.8	71.9	75.8	73.5
131	2020/09/18 11:40:30	65.9	68.5	81.0	73.0	63.6
136	2020/09/18 11:40:45	65.9	80.6	74.0	65.8	61.7
141	2020/09/18 11:41:00	62.3	61.1	67.6	75.4	70.7
146	2020/09/18 11:41:15	65.8	74.1	71.8	64.9	73.0
151	2020/09/18 11:41:30	78.6	69.0	71.6	67.6	77.4
156	2020/09/18 11:41:45	79.9	76.6	72.1	66.1	61.6
161	2020/09/18 11:42:00	59.1	68.0	71.4	66.0	61.3
166	2020/09/18 11:42:15	61.1	72.1	70.6	62.7	69.5
171	2020/09/18 11:42:30	71.6	65.8	60.7	59.8	58.4
176	2020/09/18 11:42:45	59.6	74.0	73.5	69.2	67.9
181	2020/09/18 11:43:00	64.5	73.4	72.8	64.4	60.1
186	2020/09/18 11:43:15	61.6	59.9	62.0	69.6	62.4
191	2020/09/18 11:43:30	59.5	60.0	59.5	59.2	59.0
196	2020/09/18 11:43:45	64.5	77.6	78.6	74.8	72.4
201	2020/09/18 11:44:00	70.0	63.9	60.7	58.9	57.7
206	2020/09/18 11:44:15	57.7	57.7	61.4	77.9	72.9
211	2020/09/18 11:44:30	66.6	65.2	70.7	69.0	76.4
216	2020/09/18 11:44:45	70.8	66.0	72.4	78.6	71.9
221	2020/09/18 11:45:00	78.4	68.7	64.8	63.9	62.9
226	2020/09/18 11:45:15	62.2	63.2	75.5	67.8	68.0
231	2020/09/18 11:45:30	71.5	61.9	58.3	65.1	67.8
236	2020/09/18 11:45:45	62.6	59.6	69.9	78.5	69.7
241	2020/09/18 11:46:00	72.3	75.8	68.5	63.8	61.3
246	2020/09/18 11:46:15	61.0	61.8	60.9	72.2	78.5
251	2020/09/18 11:46:30	75.8	77.7	69.6	61.6	60.0
256	2020/09/18 11:46:45	72.7	67.7	64.2	77.6	72.4
261	2020/09/18 11:47:00	71.2	66.2	62.3	61.2	62.2
266	2020/09/18 11:47:15	79.0	78.1	77.1	68.4	63.4
271	2020/09/18 11:47:30	61.9	60.4	59.7	59.5	60.1
276	2020/09/18 11:47:45	61.6	70.3	74.5	73.7	81.7
281	2020/09/18 11:48:00	71.9	66.5	73.6	74.8	75.0
286	2020/09/18 11:48:15	70.3	67.2	73.2	74.2	74.6
291	2020/09/18 11:48:30	77.0	73.0	69.6	73.6	73.3
296	2020/09/18 11:48:45	66.2	69.5	65.8	61.1	59.4

Freq Weight : A  
 Time Weight : SLOW  
 Level Range : 40-100  
 Max dB : 75.4 - 2020/09/18 12:10:13  
 Level Range : 40-100  
 SEL : 83.0  
 Leq : 53.5

No. s	Date Time	(dB)					
1	2020/09/18 12:04:29	44.9	44.6	45.0	44.7	44.7	
6	2020/09/18 12:04:44	44.9	46.2	45.8	51.7	45.5	
11	2020/09/18 12:04:59	44.4	44.1	45.8	43.6	43.7	
16	2020/09/18 12:05:14	44.2	44.6	43.5	43.2	41.8	
21	2020/09/18 12:05:29	41.4	40.7	40.9	42.1	43.2	
26	2020/09/18 12:05:44	42.9	41.3	42.6	49.3	44.2	
31	2020/09/18 12:05:59	43.1	41.4	40.2	41.8	40.8	
36	2020/09/18 12:06:14	40.8	41.4	40.1	40.5	42.1	
41	2020/09/18 12:06:29	43.5	42.8	41.6	41.8	42.8	
46	2020/09/18 12:06:44	43.4	43.0	44.3	43.9	44.4	
51	2020/09/18 12:06:59	44.5	44.1	43.5	42.2	45.5	
56	2020/09/18 12:07:14	42.5	41.6	42.0	44.5	44.3	
61	2020/09/18 12:07:29	42.9	42.5	42.0	42.2	43.9	
66	2020/09/18 12:07:44	45.4	45.2	44.0	43.2	42.1	
71	2020/09/18 12:07:59	43.7	42.8	44.4	45.1	44.9	
76	2020/09/18 12:08:14	44.9	44.3	45.2	45.2	45.0	
81	2020/09/18 12:08:29	47.2	47.3	46.1	46.9	48.3	
86	2020/09/18 12:08:44	47.2	45.8	47.0	46.4	44.9	
91	2020/09/18 12:08:59	44.3	44.1	43.9	45.0	47.3	
96	2020/09/18 12:09:14	45.4	44.7	46.4	46.3	47.1	
101	2020/09/18 12:09:29	47.7	46.5	46.9	44.8	43.7	
106	2020/09/18 12:09:44	44.4	44.8	44.3	44.0	43.7	
111	2020/09/18 12:09:59	43.3	43.7	43.7	52.6	73.6	
116	2020/09/18 12:10:14	62.0	53.1	49.2	47.9	47.0	
121	2020/09/18 12:10:29	47.0	46.1	45.7	46.3	44.8	
126	2020/09/18 12:10:44	43.2	43.4	43.6	44.3	44.2	
131	2020/09/18 12:10:59	45.1	45.4	44.6	43.9	44.4	
136	2020/09/18 12:11:14	43.9	44.0	45.5	45.6	44.3	
141	2020/09/18 12:11:29	44.8	44.4	43.6	43.9	43.0	
146	2020/09/18 12:11:44	43.7	44.1	42.9	42.4	42.7	
151	2020/09/18 12:11:59	43.0	43.4	45.1	44.4	43.7	
156	2020/09/18 12:12:14	45.3	50.5	72.5	61.3	50.1	
161	2020/09/18 12:12:29	44.4	44.1	44.9	43.9	43.8	
166	2020/09/18 12:12:44	43.0	42.0	42.7	43.9	43.0	
171	2020/09/18 12:12:59	42.3	43.2	44.0	44.6	45.0	
176	2020/09/18 12:13:14	44.3	44.1	43.3	44.6	43.7	
181	2020/09/18 12:13:29	43.7	44.2	43.3	44.4	45.0	
186	2020/09/18 12:13:44	44.4	44.1	43.6	43.5	43.7	
191	2020/09/18 12:13:59	43.7	44.3	45.8	44.9	44.2	
196	2020/09/18 12:14:14	43.7	43.9	45.6	45.9	43.6	
201	2020/09/18 12:14:29	43.2	43.1	43.8	45.7	42.8	
206	2020/09/18 12:14:44	42.1	43.7	44.0	45.5	47.0	
211	2020/09/18 12:14:59	46.6	46.7	46.5	45.7	44.8	
216	2020/09/18 12:15:14	45.7	50.1	48.9	47.3	47.2	
221	2020/09/18 12:15:29	47.1	47.0	46.0	46.2	46.2	
226	2020/09/18 12:15:44	47.4	46.2	49.1	47.1	46.8	
231	2020/09/18 12:15:59	45.8	45.4	45.1	47.9	48.9	
236	2020/09/18 12:16:14	48.0	48.8	50.2	56.5	54.1	
241	2020/09/18 12:16:29	55.0	52.8	55.5	54.7	57.1	
246	2020/09/18 12:16:44	56.9	51.9	49.1	51.7	51.8	
251	2020/09/18 12:16:59	51.8	60.1	70.1	59.2	52.7	
256	2020/09/18 12:17:14	51.3	51.7	62.5	63.5	56.9	
261	2020/09/18 12:17:29	51.9	49.6	50.1	51.6	49.7	
266	2020/09/18 12:17:44	50.1	50.5	49.4	49.2	48.8	
271	2020/09/18 12:17:59	47.1	46.1	45.3	45.0	45.2	
276	2020/09/18 12:18:14	43.2	43.1	43.9	43.4	43.5	
281	2020/09/18 12:18:29	45.3	46.3	46.4	46.5	49.7	
286	2020/09/18 12:18:44	46.2	42.7	42.8	43.8	43.4	
291	2020/09/18 12:18:59	45.0	46.3	45.3	43.5	45.2	
296	2020/09/18 12:19:14	45.7	45.5	45.9	45.4	45.9	