

Appendix H

Noise Measurements and Modeling Results



Noise Measurement 1

Data Logger 2		
Duration (seconds)		3
Weighting	A	
Response	SLOW	
Range	30-90	
L05		78.8
L10		76.8
L50		61.8
L90		48
L95		46.9
Lmax		86.3
Time	8/27/2019 7:20	
SEL		99.5
Leq		72.1

Leq (Manual)

72.13096

No.s	Date Time	dB	Sound Energy
1	8/27/2019 7:20	62.6	5459102.576
2	8/27/2019 7:20	69.7	27997629.02
3	8/27/2019 7:20	81.4	414115279.4
4	8/27/2019 7:20	71.1	38647486.55
5	8/27/2019 7:20	63.4	6563284.872
6	8/27/2019 7:20	75.9	116713543.5
7	8/27/2019 7:20	66	11943215.12
8	8/27/2019 7:20	70.5	33660553.63
9	8/27/2019 7:20	77.8	180767875.8
10	8/27/2019 7:20	76	119432151.2
11	8/27/2019 7:20	66.8	14358902.77
12	8/27/2019 7:20	62.3	5094730.957
13	8/27/2019 7:20	56.4	1309547.497
14	8/27/2019 7:20	53.8	719649.8757
15	8/27/2019 7:20	60.1	3069878.977
16	8/27/2019 7:20	73.5	67161634.16
17	8/27/2019 7:20	66.6	13712645.69
18	8/27/2019 7:20	73.4	65632848.72
19	8/27/2019 7:20	65.3	10165324.68
20	8/27/2019 7:20	80.8	360679330.4
21	8/27/2019 7:21	72.3	50947309.57
22	8/27/2019 7:21	74.5	84551487.94
23	8/27/2019 7:21	82.4	521340248.6
24	8/27/2019 7:21	73.3	64138862.69
25	8/27/2019 7:21	63.3	6413886.269
26	8/27/2019 7:21	57	1503561.701
27	8/27/2019 7:21	63.8	7196498.757

28	8/27/2019 7:21	77.1	153858415.2
29	8/27/2019 7:21	70.2	31413856.44
30	8/27/2019 7:21	64.2	7890803.976
31	8/27/2019 7:21	59.6	2736032.518
32	8/27/2019 7:21	63.6	6872602.958
33	8/27/2019 7:21	78.3	202824892.6
34	8/27/2019 7:21	69	23829847.04
35	8/27/2019 7:21	64	7535659.295
36	8/27/2019 7:21	59	2382984.704
37	8/27/2019 7:21	56.8	1435890.277
38	8/27/2019 7:21	54.8	905985.5161
39	8/27/2019 7:21	49.5	267375.2814
40	8/27/2019 7:21	48	189287.2033
41	8/27/2019 7:22	47.3	161109.5389
42	8/27/2019 7:22	47.8	180767.8758
43	8/27/2019 7:22	48.1	193696.2687
44	8/27/2019 7:22	49.3	255341.4115
45	8/27/2019 7:22	51.4	414115.2794
46	8/27/2019 7:22	53.3	641388.6269
47	8/27/2019 7:22	59.2	2495291.313
48	8/27/2019 7:22	66.7	14032054.24
49	8/27/2019 7:22	78.8	227573272.5
50	8/27/2019 7:22	74.9	92708862.98
51	8/27/2019 7:22	72.7	55862614.1
52	8/27/2019 7:22	77.5	168702397.6
53	8/27/2019 7:22	67.8	18076787.58
54	8/27/2019 7:22	61.9	4646449.857
55	8/27/2019 7:22	62.2	4978760.722
56	8/27/2019 7:22	74.8	90598551.61
57	8/27/2019 7:22	66.1	12221408.33
58	8/27/2019 7:22	61.7	4437325.165
59	8/27/2019 7:22	60.2	3141385.644
60	8/27/2019 7:22	58.9	2328741.35
61	8/27/2019 7:23	65.7	11146056.87
62	8/27/2019 7:23	77.1	153858415.2
63	8/27/2019 7:23	68.9	23287413.5
64	8/27/2019 7:23	60.9	3690806.312
65	8/27/2019 7:23	55.9	1167135.435
66	8/27/2019 7:23	54.1	771118.7348
67	8/27/2019 7:23	51.4	414115.2794
68	8/27/2019 7:23	49.7	279976.2902
69	8/27/2019 7:23	48.1	193696.2687
70	8/27/2019 7:23	46.3	127973.8556
71	8/27/2019 7:23	50.6	344446.0864
72	8/27/2019 7:23	62.7	5586261.41
73	8/27/2019 7:23	77	150356170.1
74	8/27/2019 7:23	69.4	26128907.7

75	8/27/2019 7:23	75.7	111460568.7
76	8/27/2019 7:23	65.5	106444401.68
77	8/27/2019 7:23	56.3	1279738.556
78	8/27/2019 7:23	53.2	626788.8393
79	8/27/2019 7:23	50.7	352469.2665
80	8/27/2019 7:23	49.6	273603.2518
81	8/27/2019 7:24	47.3	161109.5389
82	8/27/2019 7:24	46.2	125060.815
83	8/27/2019 7:24	45.8	114056.8189
84	8/27/2019 7:24	45.8	114056.8189
85	8/27/2019 7:24	46.6	137126.4569
86	8/27/2019 7:24	46.4	130954.7497
87	8/27/2019 7:24	46.5	134005.0776
88	8/27/2019 7:24	46	119432.1512
89	8/27/2019 7:24	46.9	146933.6458
90	8/27/2019 7:24	47.7	176653.0966
91	8/27/2019 7:24	47.2	157442.2381
92	8/27/2019 7:24	50.2	314138.5644
93	8/27/2019 7:24	58.3	2028248.926
94	8/27/2019 7:24	81.7	443732516.5
95	8/27/2019 7:24	72.4	52134024.86
96	8/27/2019 7:24	62.7	5586261.41
97	8/27/2019 7:24	74.5	84551487.94
98	8/27/2019 7:24	77.8	180767875.8
99	8/27/2019 7:24	70.7	35246926.65
100	8/27/2019 7:24	74.6	86520945.09
101	8/27/2019 7:25	64.9	9270886.298
102	8/27/2019 7:25	63.7	7032686.446
103	8/27/2019 7:25	81.5	423761263.4
104	8/27/2019 7:25	76.4	130954749.7
105	8/27/2019 7:25	80.5	336605536.3
106	8/27/2019 7:25	71.3	40468886.48
107	8/27/2019 7:25	63.6	6872602.958
108	8/27/2019 7:25	58.8	2275732.725
109	8/27/2019 7:25	55.8	1140568.189
110	8/27/2019 7:25	56.2	1250608.15
111	8/27/2019 7:25	58.9	2328741.35
112	8/27/2019 7:25	73.9	73641267.47
113	8/27/2019 7:25	81.8	454068374.5
114	8/27/2019 7:25	73.8	71964987.57
115	8/27/2019 7:25	68.6	21733078.8
116	8/27/2019 7:25	61.9	4646449.857
117	8/27/2019 7:25	58.1	1936962.687
118	8/27/2019 7:25	57.2	1574422.381
119	8/27/2019 7:25	74.2	78908039.76
120	8/27/2019 7:25	64.8	9059855.161
121	8/27/2019 7:26	57.1	1538584.152

122	8/27/2019 7:26	54.1	771118.7348
123	8/27/2019 7:26	51.4	414115.2794
124	8/27/2019 7:26	49.1	243849.1548
125	8/27/2019 7:26	47.4	164862.2622
126	8/27/2019 7:26	46.7	140320.5424
127	8/27/2019 7:26	46.7	140320.5424
128	8/27/2019 7:26	47.2	157442.2381
129	8/27/2019 7:26	48.3	202824.8926
130	8/27/2019 7:26	49.4	261289.077
131	8/27/2019 7:26	53.6	687260.2958
132	8/27/2019 7:26	63	5985786.945
133	8/27/2019 7:26	77.4	164862262.2
134	8/27/2019 7:26	74.9	92708862.98
135	8/27/2019 7:26	76.5	134005077.6
136	8/27/2019 7:26	76.2	125060815
137	8/27/2019 7:26	76.4	130954749.7
138	8/27/2019 7:26	66.7	14032054.24
139	8/27/2019 7:26	60	3000000
140	8/27/2019 7:26	57.9	1849785.006
141	8/27/2019 7:27	55.9	1167135.435
142	8/27/2019 7:27	53	598578.6945
143	8/27/2019 7:27	50.9	369080.6312
144	8/27/2019 7:27	50.3	321455.7916
145	8/27/2019 7:27	55.2	993393.3644
146	8/27/2019 7:27	66.1	12221408.33
147	8/27/2019 7:27	71.1	38647486.55
148	8/27/2019 7:27	62.8	5716382.154
149	8/27/2019 7:27	57.8	1807678.758
150	8/27/2019 7:27	58	1892872.033
151	8/27/2019 7:27	61.1	3864748.655
152	8/27/2019 7:27	81.7	443732516.5
153	8/27/2019 7:27	73.8	71964987.57
154	8/27/2019 7:27	63.7	7032686.446
155	8/27/2019 7:27	55.9	1167135.435
156	8/27/2019 7:27	52.7	558626.141
157	8/27/2019 7:27	49.4	261289.077
158	8/27/2019 7:27	49	238298.4704
159	8/27/2019 7:27	53.2	626788.8393
160	8/27/2019 7:27	62.4	5213402.486
161	8/27/2019 7:28	76.9	146933645.8
162	8/27/2019 7:28	67.2	15744223.81
163	8/27/2019 7:28	59	2382984.704
164	8/27/2019 7:28	54.6	865209.4509
165	8/27/2019 7:28	52.7	558626.141
166	8/27/2019 7:28	58.8	2275732.725
167	8/27/2019 7:28	76.5	134005077.6
168	8/27/2019 7:28	78.2	198208034.4

169	8/27/2019 7:28	76.1	122214083.3
170	8/27/2019 7:28	76.7	140320542.4
171	8/27/2019 7:28	72	47546795.77
172	8/27/2019 7:28	62.7	5586261.41
173	8/27/2019 7:28	59.8	2864977.758
174	8/27/2019 7:28	75.7	111460568.7
175	8/27/2019 7:28	73.8	71964987.57
176	8/27/2019 7:28	77.7	176653096.6
177	8/27/2019 7:28	73.4	65632848.72
178	8/27/2019 7:28	64.7	8853627.68
179	8/27/2019 7:28	60.5	3366055.363
180	8/27/2019 7:28	58.6	2173307.88
181	8/27/2019 7:29	56.6	1371264.569
182	8/27/2019 7:29	53.2	626788.8393
183	8/27/2019 7:29	54.7	885362.768
184	8/27/2019 7:29	59.8	2864977.758
185	8/27/2019 7:29	77.4	164862262.2
186	8/27/2019 7:29	69.5	26737528.14
187	8/27/2019 7:29	62.9	5849533.799
188	8/27/2019 7:29	62.1	4865430.292
189	8/27/2019 7:29	78.7	222393072.4
190	8/27/2019 7:29	69.6	27360325.18
191	8/27/2019 7:29	62.7	5586261.41
192	8/27/2019 7:29	64.5	8455148.794
193	8/27/2019 7:29	73.5	67161634.16
194	8/27/2019 7:29	64.4	8262686.11
195	8/27/2019 7:29	61.9	4646449.857
196	8/27/2019 7:29	80.1	306987897.7
197	8/27/2019 7:29	72.2	49787607.22
198	8/27/2019 7:29	79.6	273603251.8
199	8/27/2019 7:29	70	30000000
200	8/27/2019 7:29	63.5	6716163.416
201	8/27/2019 7:30	63.8	7196498.757
202	8/27/2019 7:30	65.5	10644401.68
203	8/27/2019 7:30	72.6	54591025.76
204	8/27/2019 7:30	71.9	46464498.57
205	8/27/2019 7:30	77.3	161109538.9
206	8/27/2019 7:30	75.9	116713543.5
207	8/27/2019 7:30	73	59857869.45
208	8/27/2019 7:30	64.6	8652094.509
209	8/27/2019 7:30	60.3	3214557.916
210	8/27/2019 7:30	61.2	3954770.216
211	8/27/2019 7:30	76.3	127973855.6
212	8/27/2019 7:30	82	475467957.7
213	8/27/2019 7:30	72.2	49787607.22
214	8/27/2019 7:30	63.8	7196498.757
215	8/27/2019 7:30	59.6	2736032.518

216	8/27/2019 7:30	62.9	5849533.799
217	8/27/2019 7:30	78.9	232874135
218	8/27/2019 7:30	69.7	27997629.02
219	8/27/2019 7:30	62.2	4978760.722
220	8/27/2019 7:30	56.9	1469336.458
221	8/27/2019 7:31	54.7	885362.768
222	8/27/2019 7:31	52	475467.9577
223	8/27/2019 7:31	50.1	306987.8977
224	8/27/2019 7:31	51.8	454068.3745
225	8/27/2019 7:31	50.8	360679.3304
226	8/27/2019 7:31	50.3	321455.7916
227	8/27/2019 7:31	50.9	369080.6312
228	8/27/2019 7:31	50.7	352469.2665
229	8/27/2019 7:31	52.2	497876.0722
230	8/27/2019 7:31	59.7	2799762.902
231	8/27/2019 7:31	71.7	44373251.65
232	8/27/2019 7:31	76.5	134005077.6
233	8/27/2019 7:31	72.1	48654302.92
234	8/27/2019 7:31	61.8	4540683.745
235	8/27/2019 7:31	55.3	1016532.468
236	8/27/2019 7:31	62.7	5586261.41
237	8/27/2019 7:31	80.5	336605536.3
238	8/27/2019 7:31	71.4	41411527.94
239	8/27/2019 7:31	61.7	4437325.165
240	8/27/2019 7:31	55.9	1167135.435
241	8/27/2019 7:32	55.5	1064440.168
242	8/27/2019 7:32	51.8	454068.3745
243	8/27/2019 7:32	48.4	207549.2913
244	8/27/2019 7:32	47.6	172631.9812
245	8/27/2019 7:32	47.7	176653.0966
246	8/27/2019 7:32	47.3	161109.5389
247	8/27/2019 7:32	47.6	172631.9812
248	8/27/2019 7:32	48.5	212383.7353
249	8/27/2019 7:32	53.2	626788.8393
250	8/27/2019 7:32	64.5	8455148.794
251	8/27/2019 7:32	76.6	137126456.9
252	8/27/2019 7:32	66.1	12221408.33
253	8/27/2019 7:32	57.2	1574422.381
254	8/27/2019 7:32	53.3	641388.6269
255	8/27/2019 7:32	57.5	1687023.976
256	8/27/2019 7:32	67	15035617.01
257	8/27/2019 7:32	80.5	336605536.3
258	8/27/2019 7:32	81.1	386474865.5
259	8/27/2019 7:32	81.5	423761263.4
260	8/27/2019 7:32	71.5	42376126.34
261	8/27/2019 7:33	62.7	5586261.41
262	8/27/2019 7:33	56.9	1469336.458

263	8/27/2019 7:33	54.9	927088.6298
264	8/27/2019 7:33	53.5	671616.3416
265	8/27/2019 7:33	51.3	404688.8648
266	8/27/2019 7:33	48.7	222393.0724
267	8/27/2019 7:33	46.5	134005.0776
268	8/27/2019 7:33	47.2	157442.2381
269	8/27/2019 7:33	48.2	198208.0344
270	8/27/2019 7:33	47.6	172631.9812
271	8/27/2019 7:33	48.7	222393.0724
272	8/27/2019 7:33	54.3	807460.4412
273	8/27/2019 7:33	67.4	16486226.22
274	8/27/2019 7:33	79.4	261289077
275	8/27/2019 7:33	69.2	24952913.13
276	8/27/2019 7:33	61.4	4141152.794
277	8/27/2019 7:33	56.6	1371264.569
278	8/27/2019 7:33	54.8	905985.5161
279	8/27/2019 7:33	53.4	656328.4872
280	8/27/2019 7:33	54.4	826268.611
281	8/27/2019 7:34	64.2	7890803.976
282	8/27/2019 7:34	69.4	26128907.7
283	8/27/2019 7:34	59.7	2799762.902
284	8/27/2019 7:34	52	475467.9577
285	8/27/2019 7:34	49	238298.4704
286	8/27/2019 7:34	48.2	198208.0344
287	8/27/2019 7:34	48.2	198208.0344
288	8/27/2019 7:34	49.1	243849.1548
289	8/27/2019 7:34	50.5	336605.5363
290	8/27/2019 7:34	56.2	1250608.15
291	8/27/2019 7:34	71.1	38647486.55
292	8/27/2019 7:34	71.2	39547702.16
293	8/27/2019 7:34	66	11943215.12
294	8/27/2019 7:34	61.9	4646449.857
295	8/27/2019 7:34	57.6	1726319.812
296	8/27/2019 7:34	57.1	1538584.152
297	8/27/2019 7:34	64.2	7890803.976
298	8/27/2019 7:34	70.9	36908063.12
299	8/27/2019 7:34	79.4	261289077
300	8/27/2019 7:34	80.3	321455791.6

Noise Measurement 2

Data Logger 2

Duration (seconds)		3
Weighting	A	
Response	SLOW	
Range	40-100	
L05		81.1
L10		80.4
L50		76.7
L90		70.1
L95		67.9
Lmax		96.2
Time	8/27/2019 8:05	
SEL		107.2
Leq		78.6

Leq (Manual)

78.59102

No.s	Date Time	dB	Sound Energy
1	8/27/2019 8:05	72.4	52134024.86
2	8/27/2019 8:05	71.4	41411527.94
3	8/27/2019 8:05	71.1	38647486.55
4	8/27/2019 8:05	76.1	122214083.3
5	8/27/2019 8:05	71	37767762.35
6	8/27/2019 8:05	68.6	21733078.8
7	8/27/2019 8:05	70.1	30698789.77
8	8/27/2019 8:05	69.4	26128907.7
9	8/27/2019 8:05	71.2	39547702.16
10	8/27/2019 8:05	69.2	24952913.13
11	8/27/2019 8:05	67.3	16110953.89
12	8/27/2019 8:05	77.2	157442238.1
13	8/27/2019 8:06	81.5	423761263.4
14	8/27/2019 8:06	82	475467957.7
15	8/27/2019 8:06	79.3	255341411.5
16	8/27/2019 8:06	79.4	261289077
17	8/27/2019 8:06	79.3	255341411.5
18	8/27/2019 8:06	79	238298470.4
19	8/27/2019 8:06	77.1	153858415.2
20	8/27/2019 8:06	76.9	146933645.8
21	8/27/2019 8:06	77.3	161109538.9
22	8/27/2019 8:06	77	150356170.1
23	8/27/2019 8:06	75	94868329.81
24	8/27/2019 8:06	80.3	321455791.6
25	8/27/2019 8:06	73.9	73641267.47
26	8/27/2019 8:06	87	1503561701
27	8/27/2019 8:06	78.9	232874135

28	8/27/2019 8:06	77.8	180767875.8
29	8/27/2019 8:06	82.5	533483823
30	8/27/2019 8:06	80.2	314138564.4
31	8/27/2019 8:06	81.2	395477021.6
32	8/27/2019 8:06	81.1	386474865.5
33	8/27/2019 8:07	79.8	286497775.8
34	8/27/2019 8:07	79.5	267375281.4
35	8/27/2019 8:07	73.6	68726029.58
36	8/27/2019 8:07	75.4	104021055.1
37	8/27/2019 8:07	74.7	88536276.8
38	8/27/2019 8:07	77.2	157442238.1
39	8/27/2019 8:07	75.4	104021055.1
40	8/27/2019 8:07	73.7	70326864.46
41	8/27/2019 8:07	73.4	65632848.72
42	8/27/2019 8:07	75.1	97078097.08
43	8/27/2019 8:07	72.6	54591025.76
44	8/27/2019 8:07	71.3	40468886.48
45	8/27/2019 8:07	70.7	35246926.65
46	8/27/2019 8:07	69.9	29317116.63
47	8/27/2019 8:07	69.8	28649777.58
48	8/27/2019 8:07	79.3	255341411.5
49	8/27/2019 8:07	69.4	26128907.7
50	8/27/2019 8:07	67.9	18497850.06
51	8/27/2019 8:07	69.6	27360325.18
52	8/27/2019 8:07	72.8	57163821.54
53	8/27/2019 8:08	82.3	509473095.7
54	8/27/2019 8:08	76.8	143589027.7
55	8/27/2019 8:08	74.4	82626861.1
56	8/27/2019 8:08	78.1	193696268.7
57	8/27/2019 8:08	77	150356170.1
58	8/27/2019 8:08	75.4	104021055.1
59	8/27/2019 8:08	78.5	212383735.3
60	8/27/2019 8:08	76.1	122214083.3
61	8/27/2019 8:08	75.4	104021055.1
62	8/27/2019 8:08	75.7	111460568.7
63	8/27/2019 8:08	75.1	97078097.08
64	8/27/2019 8:08	77.5	168702397.6
65	8/27/2019 8:08	80.5	336605536.3
66	8/27/2019 8:08	80.4	328943458.8
67	8/27/2019 8:08	80.7	352469266.5
68	8/27/2019 8:08	79.7	279976290.2
69	8/27/2019 8:08	80.3	321455791.6
70	8/27/2019 8:08	78.6	217330788
71	8/27/2019 8:08	75.4	104021055.1
72	8/27/2019 8:08	79.1	243849154.8
73	8/27/2019 8:09	78.8	227573272.5
74	8/27/2019 8:09	79.5	267375281.4

75	8/27/2019 8:09	76.5	134005077.6
76	8/27/2019 8:09	73	59857869.45
77	8/27/2019 8:09	71.2	39547702.16
78	8/27/2019 8:09	71.1	38647486.55
79	8/27/2019 8:09	63	5985786.945
80	8/27/2019 8:09	65.5	10644401.68
81	8/27/2019 8:09	68.9	23287413.5
82	8/27/2019 8:09	74.5	84551487.94
83	8/27/2019 8:09	76	119432151.2
84	8/27/2019 8:09	76.4	130954749.7
85	8/27/2019 8:09	77.1	153858415.2
86	8/27/2019 8:09	78.2	198208034.4
87	8/27/2019 8:09	76.5	134005077.6
88	8/27/2019 8:09	79.2	249529131.3
89	8/27/2019 8:09	80.6	344446086.4
90	8/27/2019 8:09	79.3	255341411.5
91	8/27/2019 8:09	78.8	227573272.5
92	8/27/2019 8:09	78.5	212383735.3
93	8/27/2019 8:10	77.6	172631981.2
94	8/27/2019 8:10	76	119432151.2
95	8/27/2019 8:10	74.6	86520945.09
96	8/27/2019 8:10	75.7	111460568.7
97	8/27/2019 8:10	70.9	36908063.12
98	8/27/2019 8:10	71.3	40468886.48
99	8/27/2019 8:10	71.8	45406837.45
100	8/27/2019 8:10	67.1	15385841.52
101	8/27/2019 8:10	69.2	24952913.13
102	8/27/2019 8:10	75.2	99339336.44
103	8/27/2019 8:10	78.5	212383735.3
104	8/27/2019 8:10	78.7	222393072.4
105	8/27/2019 8:10	80.5	336605536.3
106	8/27/2019 8:10	78.6	217330788
107	8/27/2019 8:10	76.1	122214083.3
108	8/27/2019 8:10	80.2	314138564.4
109	8/27/2019 8:10	79.5	267375281.4
110	8/27/2019 8:10	77.3	161109538.9
111	8/27/2019 8:10	76.9	146933645.8
112	8/27/2019 8:10	72.1	48654302.92
113	8/27/2019 8:11	71.5	42376126.34
114	8/27/2019 8:11	69.8	28649777.58
115	8/27/2019 8:11	70.3	32145579.16
116	8/27/2019 8:11	75.7	111460568.7
117	8/27/2019 8:11	76.4	130954749.7
118	8/27/2019 8:11	74.9	92708862.98
119	8/27/2019 8:11	71.5	42376126.34
120	8/27/2019 8:11	70.1	30698789.77
121	8/27/2019 8:11	78.6	217330788

122	8/27/2019 8:11	71	37767762.35
123	8/27/2019 8:11	62.7	5586261.41
124	8/27/2019 8:11	64.9	9270886.298
125	8/27/2019 8:11	81.3	404688864.8
126	8/27/2019 8:11	81.1	386474865.5
127	8/27/2019 8:11	80.3	321455791.6
128	8/27/2019 8:11	80.3	321455791.6
129	8/27/2019 8:11	78.8	227573272.5
130	8/27/2019 8:11	80.8	360679330.4
131	8/27/2019 8:11	79.9	293171166.3
132	8/27/2019 8:11	80.6	344446086.4
133	8/27/2019 8:12	79.1	243849154.8
134	8/27/2019 8:12	78.1	193696268.7
135	8/27/2019 8:12	78.8	227573272.5
136	8/27/2019 8:12	76.4	130954749.7
137	8/27/2019 8:12	78	189287203.3
138	8/27/2019 8:12	77.5	168702397.6
139	8/27/2019 8:12	79.4	261289077
140	8/27/2019 8:12	78.4	207549291.3
141	8/27/2019 8:12	78.6	217330788
142	8/27/2019 8:12	78.1	193696268.7
143	8/27/2019 8:12	77.7	176653096.6
144	8/27/2019 8:12	75.8	114056818.9
145	8/27/2019 8:12	75.1	97078097.08
146	8/27/2019 8:12	76.5	134005077.6
147	8/27/2019 8:12	80.2	314138564.4
148	8/27/2019 8:12	71.7	44373251.65
149	8/27/2019 8:12	68.2	19820803.44
150	8/27/2019 8:12	69.4	26128907.7
151	8/27/2019 8:12	68.2	19820803.44
152	8/27/2019 8:12	77.4	164862262.2
153	8/27/2019 8:13	76.6	137126456.9
154	8/27/2019 8:13	73.4	65632848.72
155	8/27/2019 8:13	64.9	9270886.298
156	8/27/2019 8:13	58.9	2328741.35
157	8/27/2019 8:13	65.3	10165324.68
158	8/27/2019 8:13	78.3	202824892.6
159	8/27/2019 8:13	79	238298470.4
160	8/27/2019 8:13	76.9	146933645.8
161	8/27/2019 8:13	79.7	279976290.2
162	8/27/2019 8:13	78.2	198208034.4
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164	8/27/2019 8:13	77.3	161109538.9
165	8/27/2019 8:13	78.8	227573272.5
166	8/27/2019 8:13	77.1	153858415.2
167	8/27/2019 8:13	75.2	99339336.44
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171	8/27/2019 8:13	77.2	157442238.1
172	8/27/2019 8:13	74.4	82626861.1
173	8/27/2019 8:14	72.3	50947309.57
174	8/27/2019 8:14	74.3	80746044.12
175	8/27/2019 8:14	77.5	168702397.6
176	8/27/2019 8:14	96.2	12506081504
177	8/27/2019 8:14	89.3	2553414115
178	8/27/2019 8:14	81.8	454068374.5
179	8/27/2019 8:14	78.3	202824892.6
180	8/27/2019 8:14	76.1	122214083.3
181	8/27/2019 8:14	75	94868329.81
182	8/27/2019 8:14	74.3	80746044.12
183	8/27/2019 8:14	76.4	130954749.7
184	8/27/2019 8:14	73	59857869.45
185	8/27/2019 8:14	73.7	70326864.46
186	8/27/2019 8:14	73.2	62678883.93
187	8/27/2019 8:14	73.2	62678883.93
188	8/27/2019 8:14	73.4	65632848.72
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190	8/27/2019 8:14	73	59857869.45
191	8/27/2019 8:14	80.5	336605536.3
192	8/27/2019 8:14	80.8	360679330.4
193	8/27/2019 8:15	75.9	116713543.5
194	8/27/2019 8:15	74.4	82626861.1
195	8/27/2019 8:15	74.8	90598551.61
196	8/27/2019 8:15	75	94868329.81
197	8/27/2019 8:15	80.3	321455791.6
198	8/27/2019 8:15	80.9	369080631.2
199	8/27/2019 8:15	81.4	414115279.4
200	8/27/2019 8:15	78.3	202824892.6
201	8/27/2019 8:15	78.5	212383735.3
202	8/27/2019 8:15	80.9	369080631.2
203	8/27/2019 8:15	81.2	395477021.6
204	8/27/2019 8:15	79.1	243849154.8
205	8/27/2019 8:15	78.7	222393072.4
206	8/27/2019 8:15	78.1	193696268.7
207	8/27/2019 8:15	71.5	42376126.34
208	8/27/2019 8:15	70.6	34444608.64
209	8/27/2019 8:15	67.2	15744223.81
210	8/27/2019 8:15	73.1	61252138.34
211	8/27/2019 8:15	82.3	509473095.7
212	8/27/2019 8:15	80.8	360679330.4
213	8/27/2019 8:16	78.6	217330788
214	8/27/2019 8:16	80.3	321455791.6
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222	8/27/2019 8:16	74.1	77111873.48
223	8/27/2019 8:16	73.7	70326864.46
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225	8/27/2019 8:16	73.8	71964987.57
226	8/27/2019 8:16	79.8	286497775.8
227	8/27/2019 8:16	80.4	328943458.8
228	8/27/2019 8:16	77.9	184978500.6
229	8/27/2019 8:16	78	189287203.3
230	8/27/2019 8:16	75.8	114056818.9
231	8/27/2019 8:16	72.5	53348382.3
232	8/27/2019 8:16	71.2	39547702.16
233	8/27/2019 8:17	73.8	71964987.57
234	8/27/2019 8:17	77.2	157442238.1
235	8/27/2019 8:17	76.7	140320542.4
236	8/27/2019 8:17	73.1	61252138.34
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238	8/27/2019 8:17	75.2	99339336.44
239	8/27/2019 8:17	80.6	344446086.4
240	8/27/2019 8:17	77.6	172631981.2
241	8/27/2019 8:17	71.7	44373251.65
242	8/27/2019 8:17	78.3	202824892.6
243	8/27/2019 8:17	80.7	352469266.5
244	8/27/2019 8:17	79.1	243849154.8
245	8/27/2019 8:17	84.2	789080397.6
246	8/27/2019 8:17	79.7	279976290.2
247	8/27/2019 8:17	74.9	92708862.98
248	8/27/2019 8:17	77.5	168702397.6
249	8/27/2019 8:17	78.4	207549291.3
250	8/27/2019 8:17	77.8	180767875.8
251	8/27/2019 8:17	77.9	184978500.6
252	8/27/2019 8:17	77.4	164862262.2
253	8/27/2019 8:18	83.7	703268644.6
254	8/27/2019 8:18	79.8	286497775.8
255	8/27/2019 8:18	78.2	198208034.4
256	8/27/2019 8:18	80.1	306987897.7
257	8/27/2019 8:18	81.4	414115279.4
258	8/27/2019 8:18	79.1	243849154.8
259	8/27/2019 8:18	79.2	249529131.3
260	8/27/2019 8:18	78	189287203.3
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263	8/27/2019 8:18	76	119432151.2
264	8/27/2019 8:18	75.5	106444016.8
265	8/27/2019 8:18	74.1	77111873.48
266	8/27/2019 8:18	72	47546795.77
267	8/27/2019 8:18	67.3	16110953.89
268	8/27/2019 8:18	66.8	14358902.77
269	8/27/2019 8:18	74.3	80746044.12
270	8/27/2019 8:18	74	75356592.95
271	8/27/2019 8:18	73.7	70326864.46
272	8/27/2019 8:18	71.2	39547702.16
273	8/27/2019 8:19	74.4	82626861.1
274	8/27/2019 8:19	74.5	84551487.94
275	8/27/2019 8:19	75.9	116713543.5
276	8/27/2019 8:19	80.8	360679330.4
277	8/27/2019 8:19	76.3	127973855.6
278	8/27/2019 8:19	74.5	84551487.94
279	8/27/2019 8:19	72.9	58495337.99
280	8/27/2019 8:19	74.2	78908039.76
281	8/27/2019 8:19	79.5	267375281.4
282	8/27/2019 8:19	76.6	137126456.9
283	8/27/2019 8:19	73.3	64138862.69
284	8/27/2019 8:19	74.6	86520945.09
285	8/27/2019 8:19	74.9	92708862.98
286	8/27/2019 8:19	74.7	88536276.8
287	8/27/2019 8:19	73	59857869.45
288	8/27/2019 8:19	73	59857869.45
289	8/27/2019 8:19	76.5	134005077.6
290	8/27/2019 8:19	69.6	27360325.18
291	8/27/2019 8:19	68.1	19369626.87
292	8/27/2019 8:19	78.1	193696268.7
293	8/27/2019 8:20	79.1	243849154.8
294	8/27/2019 8:20	77	150356170.1
295	8/27/2019 8:20	74.3	80746044.12
296	8/27/2019 8:20	78.3	202824892.6
297	8/27/2019 8:20	78.5	212383735.3
298	8/27/2019 8:20	80	300000000
299	8/27/2019 8:20	80.4	328943458.8
300	8/27/2019 8:20	79.6	273603251.8

Noise Measurement 3

Data Logger 2
Duration (seconds) 3
Weighting A
Response SLOW
Range 40-100
L05 73.3
L10 71.9
L50 61.8
L90 47.8
L95 45
Lmax 85
Time 8/27/2019 8:36
SEL 97.1
Leq 67.5

Leq (Manual) 67.47035

No.s	Date Time	dB	Sound Energy
1	8/27/2019 8:36	50.5	336605.5363
2	8/27/2019 8:36	47.9	184978.5006
3	8/27/2019 8:36	45	94868.32981
4	8/27/2019 8:36	45.6	108923.4164
5	8/27/2019 8:36	43.4	65632.84872
6	8/27/2019 8:36	45.6	108923.4164
7	8/27/2019 8:37	46.6	137126.4569
8	8/27/2019 8:37	49.5	267375.2814
9	8/27/2019 8:37	63.9	7364126.747
10	8/27/2019 8:37	64.5	8455148.794
11	8/27/2019 8:37	53.7	703268.6446
12	8/27/2019 8:37	48.4	207549.2913
13	8/27/2019 8:37	50.9	369080.6312
14	8/27/2019 8:37	50	300000
15	8/27/2019 8:37	59.7	2799762.902
16	8/27/2019 8:37	66.6	13712645.69
17	8/27/2019 8:37	56.6	1371264.569
18	8/27/2019 8:37	53.3	641388.6269
19	8/27/2019 8:37	59.3	2553414.115
20	8/27/2019 8:37	70.4	32894345.88
21	8/27/2019 8:37	75.8	114056818.9
22	8/27/2019 8:37	68.6	21733078.8
23	8/27/2019 8:37	63	5985786.945
24	8/27/2019 8:37	61.2	3954770.216
25	8/27/2019 8:37	56.9	1469336.458
26	8/27/2019 8:37	58.4	2075492.913
27	8/27/2019 8:38	72.2	49787607.22

28	8/27/2019 8:38	76.4	130954749.7
29	8/27/2019 8:38	68.7	22239307.24
30	8/27/2019 8:38	71.9	46464498.57
31	8/27/2019 8:38	68.8	22757327.25
32	8/27/2019 8:38	67.3	16110953.89
33	8/27/2019 8:38	67.9	18497850.06
34	8/27/2019 8:38	68	18928720.33
35	8/27/2019 8:38	69.3	25534141.15
36	8/27/2019 8:38	72.3	50947309.57
37	8/27/2019 8:38	80.1	306987897.7
38	8/27/2019 8:38	79.1	243849154.8
39	8/27/2019 8:38	70.5	33660553.63
40	8/27/2019 8:38	69.9	29317116.63
41	8/27/2019 8:38	67.5	16870239.76
42	8/27/2019 8:38	62.6	5459102.576
43	8/27/2019 8:38	62.4	5213402.486
44	8/27/2019 8:38	58.1	1936962.687
45	8/27/2019 8:38	52.6	545910.2576
46	8/27/2019 8:38	48	189287.2033
47	8/27/2019 8:39	46.6	137126.4569
48	8/27/2019 8:39	45.4	104021.0551
49	8/27/2019 8:39	44.8	90598.55161
50	8/27/2019 8:39	44.5	84551.48794
51	8/27/2019 8:39	45	94868.32981
52	8/27/2019 8:39	44.8	90598.55161
53	8/27/2019 8:39	44.9	92708.86298
54	8/27/2019 8:39	45.8	114056.8189
55	8/27/2019 8:39	46.9	146933.6458
56	8/27/2019 8:39	52	475467.9577
57	8/27/2019 8:39	58.6	2173307.88
58	8/27/2019 8:39	65.3	10165324.68
59	8/27/2019 8:39	68.7	22239307.24
60	8/27/2019 8:39	75.2	99339336.44
61	8/27/2019 8:39	74.7	88536276.8
62	8/27/2019 8:39	66.8	14358902.77
63	8/27/2019 8:39	71.7	44373251.65
64	8/27/2019 8:39	70.5	33660553.63
65	8/27/2019 8:39	74.7	88536276.8
66	8/27/2019 8:39	72.8	57163821.54
67	8/27/2019 8:40	68.7	22239307.24
68	8/27/2019 8:40	74.6	86520945.09
69	8/27/2019 8:40	69.1	24384915.48
70	8/27/2019 8:40	61.4	4141152.794
71	8/27/2019 8:40	61.6	4336319.312
72	8/27/2019 8:40	63.9	7364126.747
73	8/27/2019 8:40	63.8	7196498.757
74	8/27/2019 8:40	63.7	7032686.446

75	8/27/2019 8:40	62.6	5459102.576
76	8/27/2019 8:40	63.9	7364126.747
77	8/27/2019 8:40	61.3	4046888.648
78	8/27/2019 8:40	63.8	7196498.757
79	8/27/2019 8:40	71.2	39547702.16
80	8/27/2019 8:40	69.1	24384915.48
81	8/27/2019 8:40	69.3	25534141.15
82	8/27/2019 8:40	65.8	11405681.89
83	8/27/2019 8:40	63.5	6716163.416
84	8/27/2019 8:40	61	3776776.235
85	8/27/2019 8:40	57.6	1726319.812
86	8/27/2019 8:40	59.1	2438491.548
87	8/27/2019 8:41	65.4	10402105.51
88	8/27/2019 8:41	67.4	16486226.22
89	8/27/2019 8:41	60.5	3366055.363
90	8/27/2019 8:41	55	948683.2981
91	8/27/2019 8:41	50	300000
92	8/27/2019 8:41	48.9	232874.135
93	8/27/2019 8:41	49.5	267375.2814
94	8/27/2019 8:41	48.6	217330.788
95	8/27/2019 8:41	50.2	314138.5644
96	8/27/2019 8:41	53.9	736412.6747
97	8/27/2019 8:41	70.8	36067933.04
98	8/27/2019 8:41	72.6	54591025.76
99	8/27/2019 8:41	68.8	22757327.25
100	8/27/2019 8:41	67.8	18076787.58
101	8/27/2019 8:41	73.5	67161634.16
102	8/27/2019 8:41	75.5	106444016.8
103	8/27/2019 8:41	72.6	54591025.76
104	8/27/2019 8:41	67.6	17263198.12
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106	8/27/2019 8:41	57	1503561.701
107	8/27/2019 8:42	52.4	521340.2486
108	8/27/2019 8:42	51.9	464644.9857
109	8/27/2019 8:42	56.6	1371264.569
110	8/27/2019 8:42	64.8	9059855.161
111	8/27/2019 8:42	67.8	18076787.58
112	8/27/2019 8:42	60.1	3069878.977
113	8/27/2019 8:42	63.7	7032686.446
114	8/27/2019 8:42	53.2	626788.8393
115	8/27/2019 8:42	50.1	306987.8977
116	8/27/2019 8:42	48.2	198208.0344
117	8/27/2019 8:42	60.6	3444460.864
118	8/27/2019 8:42	60.5	3366055.363
119	8/27/2019 8:42	65.7	11146056.87
120	8/27/2019 8:42	65.4	10402105.51
121	8/27/2019 8:42	57.5	1687023.976

122	8/27/2019 8:42	50.6	344446.0864
123	8/27/2019 8:42	47.6	172631.9812
124	8/27/2019 8:42	61.3	4046888.648
125	8/27/2019 8:42	55.4	1040210.551
126	8/27/2019 8:42	50.6	344446.0864
127	8/27/2019 8:43	59	2382984.704
128	8/27/2019 8:43	72.8	57163821.54
129	8/27/2019 8:43	72	47546795.77
130	8/27/2019 8:43	62.3	5094730.957
131	8/27/2019 8:43	58.9	2328741.35
132	8/27/2019 8:43	68.7	22239307.24
133	8/27/2019 8:43	74.1	77111873.48
134	8/27/2019 8:43	72.2	49787607.22
135	8/27/2019 8:43	66.4	13095474.97
136	8/27/2019 8:43	73.5	67161634.16
137	8/27/2019 8:43	67	15035617.01
138	8/27/2019 8:43	68.4	20754929.13
139	8/27/2019 8:43	71.4	41411527.94
140	8/27/2019 8:43	70.6	34444608.64
141	8/27/2019 8:43	66.9	14693364.58
142	8/27/2019 8:43	61.3	4046888.648
143	8/27/2019 8:43	55.5	1064440.168
144	8/27/2019 8:43	53.4	656328.4872
145	8/27/2019 8:43	50.1	306987.8977
146	8/27/2019 8:43	49.5	267375.2814
147	8/27/2019 8:44	60.8	3606793.304
148	8/27/2019 8:44	72.4	52134024.86
149	8/27/2019 8:44	64.5	8455148.794
150	8/27/2019 8:44	60.2	3141385.644
151	8/27/2019 8:44	63.7	7032686.446
152	8/27/2019 8:44	59.1	2438491.548
153	8/27/2019 8:44	63.5	6716163.416
154	8/27/2019 8:44	70.1	30698789.77
155	8/27/2019 8:44	69.1	24384915.48
156	8/27/2019 8:44	69.4	26128907.7
157	8/27/2019 8:44	63.7	7032686.446
158	8/27/2019 8:44	61.2	3954770.216
159	8/27/2019 8:44	62.1	4865430.292
160	8/27/2019 8:44	62.1	4865430.292
161	8/27/2019 8:44	68.7	22239307.24
162	8/27/2019 8:44	75.9	116713543.5
163	8/27/2019 8:44	72.2	49787607.22
164	8/27/2019 8:44	66.5	13400507.76
165	8/27/2019 8:44	58.4	2075492.913
166	8/27/2019 8:44	58.5	2123837.353
167	8/27/2019 8:45	70.5	33660553.63
168	8/27/2019 8:45	71.9	46464498.57

169	8/27/2019 8:45	70.5	33660553.63
170	8/27/2019 8:45	68.4	20754929.13
171	8/27/2019 8:45	71.6	43363193.12
172	8/27/2019 8:45	63.3	6413886.269
173	8/27/2019 8:45	54.9	927088.6298
174	8/27/2019 8:45	50.6	344446.0864
175	8/27/2019 8:45	48.3	202824.8926
176	8/27/2019 8:45	51.4	414115.2794
177	8/27/2019 8:45	49.6	273603.2518
178	8/27/2019 8:45	51	377677.6235
179	8/27/2019 8:45	52.5	533483.823
180	8/27/2019 8:45	58.8	2275732.725
181	8/27/2019 8:45	69.2	24952913.13
182	8/27/2019 8:45	74.1	77111873.48
183	8/27/2019 8:45	68.7	22239307.24
184	8/27/2019 8:45	67.6	17263198.12
185	8/27/2019 8:45	62.3	5094730.957
186	8/27/2019 8:45	76.7	140320542.4
187	8/27/2019 8:46	73.6	68726029.58
188	8/27/2019 8:46	64	7535659.295
189	8/27/2019 8:46	57	1503561.701
190	8/27/2019 8:46	55.1	970780.9708
191	8/27/2019 8:46	53.3	641388.6269
192	8/27/2019 8:46	56	1194321.512
193	8/27/2019 8:46	57.4	1648622.622
194	8/27/2019 8:46	70.7	35246926.65
195	8/27/2019 8:46	66.5	13400507.76
196	8/27/2019 8:46	63.8	7196498.757
197	8/27/2019 8:46	72.6	54591025.76
198	8/27/2019 8:46	70.8	36067933.04
199	8/27/2019 8:46	64.5	8455148.794
200	8/27/2019 8:46	69.4	26128907.7
201	8/27/2019 8:46	64.8	9059855.161
202	8/27/2019 8:46	63.3	6413886.269
203	8/27/2019 8:46	69.6	27360325.18
204	8/27/2019 8:46	65.9	11671354.35
205	8/27/2019 8:46	68.7	22239307.24
206	8/27/2019 8:46	71.5	42376126.34
207	8/27/2019 8:47	73.2	62678883.93
208	8/27/2019 8:47	67.3	16110953.89
209	8/27/2019 8:47	60.6	3444460.864
210	8/27/2019 8:47	56.6	1371264.569
211	8/27/2019 8:47	60.1	3069878.977
212	8/27/2019 8:47	63.7	7032686.446
213	8/27/2019 8:47	59.8	2864977.758
214	8/27/2019 8:47	52.3	509473.0957
215	8/27/2019 8:47	48.8	227573.2725

216	8/27/2019 8:47	47.8	180767.8758
217	8/27/2019 8:47	46	119432.1512
218	8/27/2019 8:47	44.5	84551.48794
219	8/27/2019 8:47	44.2	78908.03976
220	8/27/2019 8:47	43.8	71964.98757
221	8/27/2019 8:47	43.9	73641.26747
222	8/27/2019 8:47	46.3	127973.8556
223	8/27/2019 8:47	50.8	360679.3304
224	8/27/2019 8:47	50.3	321455.7916
225	8/27/2019 8:47	51.4	414115.2794
226	8/27/2019 8:47	50.1	306987.8977
227	8/27/2019 8:48	53.6	687260.2958
228	8/27/2019 8:48	57.1	1538584.152
229	8/27/2019 8:48	63	5985786.945
230	8/27/2019 8:48	62.3	5094730.957
231	8/27/2019 8:48	58.8	2275732.725
232	8/27/2019 8:48	54.4	826268.611
233	8/27/2019 8:48	51.3	404688.8648
234	8/27/2019 8:48	52.7	558626.141
235	8/27/2019 8:48	52.2	497876.0722
236	8/27/2019 8:48	50.5	336605.5363
237	8/27/2019 8:48	51	377677.6235
238	8/27/2019 8:48	59.7	2799762.902
239	8/27/2019 8:48	66.4	13095474.97
240	8/27/2019 8:48	67.5	16870239.76
241	8/27/2019 8:48	62.5	5334838.23
242	8/27/2019 8:48	68.2	19820803.44
243	8/27/2019 8:48	64.9	9270886.298
244	8/27/2019 8:48	61.8	4540683.745
245	8/27/2019 8:48	55.3	1016532.468
246	8/27/2019 8:48	50.5	336605.5363
247	8/27/2019 8:49	48.8	227573.2725
248	8/27/2019 8:49	47.7	176653.0966
249	8/27/2019 8:49	45.8	114056.8189
250	8/27/2019 8:49	46.4	130954.7497
251	8/27/2019 8:49	47.2	157442.2381
252	8/27/2019 8:49	49.2	249529.1313
253	8/27/2019 8:49	52.2	497876.0722
254	8/27/2019 8:49	58.1	1936962.687
255	8/27/2019 8:49	67.2	15744223.81
256	8/27/2019 8:49	69.1	24384915.48
257	8/27/2019 8:49	69.7	27997629.02
258	8/27/2019 8:49	61.5	4237612.634
259	8/27/2019 8:49	63.2	6267888.393
260	8/27/2019 8:49	64	7535659.295
261	8/27/2019 8:49	65.8	11405681.89
262	8/27/2019 8:49	74.1	77111873.48

263	8/27/2019 8:49	68.1	19369626.87
264	8/27/2019 8:49	63.4	6563284.872
265	8/27/2019 8:49	65.7	11146056.87
266	8/27/2019 8:49	60.1	3069878.977
267	8/27/2019 8:50	70.6	34444608.64
268	8/27/2019 8:50	69.5	26737528.14
269	8/27/2019 8:50	58.9	2328741.35
270	8/27/2019 8:50	51.6	433631.9312
271	8/27/2019 8:50	50.8	360679.3304
272	8/27/2019 8:50	50.4	328943.4588
273	8/27/2019 8:50	57.1	1538584.152
274	8/27/2019 8:50	68.7	22239307.24
275	8/27/2019 8:50	66.7	14032054.24
276	8/27/2019 8:50	69.7	27997629.02
277	8/27/2019 8:50	62.6	5459102.576
278	8/27/2019 8:50	61.8	4540683.745
279	8/27/2019 8:50	72.3	50947309.57
280	8/27/2019 8:50	67.7	17665309.66
281	8/27/2019 8:50	74	75356592.95
282	8/27/2019 8:50	71.3	40468886.48
283	8/27/2019 8:50	63.2	6267888.393
284	8/27/2019 8:50	61.4	4141152.794
285	8/27/2019 8:50	60.7	3524692.665
286	8/27/2019 8:50	56	1194321.512
287	8/27/2019 8:51	51.1	386474.8655
288	8/27/2019 8:51	49.3	255341.4115
289	8/27/2019 8:51	51.4	414115.2794
290	8/27/2019 8:51	53.6	687260.2958
291	8/27/2019 8:51	56.5	1340050.776
292	8/27/2019 8:51	54.1	771118.7348
293	8/27/2019 8:51	54.6	865209.4509
294	8/27/2019 8:51	57.4	1648622.622
295	8/27/2019 8:51	67	15035617.01
296	8/27/2019 8:51	57.2	1574422.381
297	8/27/2019 8:51	49.1	243849.1548
298	8/27/2019 8:51	46.7	140320.5424
299	8/27/2019 8:51	44.4	82626.8611
300	8/27/2019 8:51	43.6	68726.02958

RESULTS: SOUND LEVELS

<Project Name?>

Rincon Consultants, inc.
<Analysis By?>

24 November 2014
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

<Project Name?>

RUN:

Teal Club 2020 No Project

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier				Type Impact	With Barrier				
				LAeq1h		Increase over existing			Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal		
			dBA	dBA	dBA	dB	dB	dBA	dB	dB	dB		
Victoria Ave North of Doris Ave	6	1	0.0	72.9	66	72.9	10	Snd Lvl	72.9	0.0	8	-8.0	
Victoria Ave South of Teal Club	12	1	0.0	76.1	66	76.1	10	Snd Lvl	76.1	0.0	8	-8.0	
Doris Ave west of Patterson	14	1	0.0	60.9	66	60.9	10	----	60.9	0.0	8	-8.0	
Doris Ave between Patterson Road and Ve	16	1	0.0	64.0	66	64.0	10	----	64.0	0.0	8	-8.0	
Teal Club Road West of Patterson	18	1	0.0	57.6	66	57.6	10	----	57.6	0.0	8	-8.0	
Patterson Road south of Doris Ave	23	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0	
Ventura Road North of Doris Ave	25	1	0.0	72.6	66	72.6	10	Snd Lvl	72.6	0.0	8	-8.0	
Ventura road Between Teal Club Road and	26	1	0.0	72.8	66	72.8	10	Snd Lvl	72.8	0.0	8	-8.0	
Ventura Road South of Teal Club Road	28	1	0.0	73.3	66	73.3	10	Snd Lvl	73.3	0.0	8	-8.0	
Teal Club Road between Patterson and Ve	30	1	0.0	61.2	66	61.2	10	----	61.2	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		10	0.0	0.0	0.0								
All Impacted		5	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

<Project Name?>

Rincon Consultants, Inc.
<Analysis By?>

24 November 2014
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

<Project Name?>

RUN:

Teal Club 2020 with Project

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier				With Barrier				
				Calculated	Crit'n	Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		
						Calculated	Crit'n			Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Victoria Ave North of Doris Ave	6	1	0.0	73.0	66	73.0	10	Snd Lvl	73.0	0.0	8	-8.0
Victoria Ave South of Teal Club	12	1	0.0	76.1	66	76.1	10	Snd Lvl	76.1	0.0	8	-8.0
Doris Ave west of Patterson	14	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
Doris Ave between Patterson Road and Ve	16	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0
Teal Club Road West of Patterson	18	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0
Patterson Road south of Doris Ave	23	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0
Ventura Road North of Doris Ave	25	1	0.0	73.0	66	73.0	10	Snd Lvl	73.0	0.0	8	-8.0
Ventura road Between Teal Club Road and	26	1	0.0	73.2	66	73.2	10	Snd Lvl	73.2	0.0	8	-8.0
Ventura Road South of Teal Club Road	28	1	0.0	73.5	66	73.5	10	Snd Lvl	73.5	0.0	8	-8.0
Teal Club Road between Patterson and Ve	30	1	0.0	61.0	66	61.0	10	----	61.0	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		10	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

<Project Name?>

Rincon Consultants, inc.
<Analysis By?>

24 November 2014
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

<Project Name?>

RUN:

Teal Club 2030 No Project

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier				With Barrier				
				LAeq1h		Increase over-existing		Type Impact	Calculated LAeq1h	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Victoria Ave North of Doris Ave	6	1	0.0	73.2	66	73.2	10	Snd Lvl	73.2	0.0	8	-8.0
Victoria Ave South of Teal Club	12	1	0.0	76.1	66	76.1	10	Snd Lvl	76.1	0.0	8	-8.0
Doris Ave west of Patterson	14	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
Doris Ave between Patterson Road and Ve	16	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0
Teal Club Road West of Patterson	18	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0
Patterson Road south of Doris Ave	23	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0
Ventura Road North of Doris Ave	25	1	0.0	73.3	66	73.3	10	Snd Lvl	73.3	0.0	8	-8.0
Ventura road Between Teal Club Road and	26	1	0.0	72.9	66	72.9	10	Snd Lvl	72.9	0.0	8	-8.0
Ventura Road South of Teal Club Road	28	1	0.0	73.7	66	73.7	10	Snd Lvl	73.7	0.0	8	-8.0
Teal Club Road between Patterson and Ve	30	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		10	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

<Project Name?>

Rincon Consultants, Inc.
<Analysis By?>

24 November 2014
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

<Project Name?>

RUN:

Teal Club 2030 Project

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier				With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Victoria Ave North of Doris Ave	6	1	0.0	73.2	66	73.2	10	Snd Lvl	73.2	0.0	8	-8.0
Victoria Ave South of Teal Club	12	1	0.0	76.2	66	76.2	10	Snd Lvl	76.2	0.0	8	-8.0
Doris Ave west of Patterson	14	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
Doris Ave between Patterson Road and Ve	16	1	0.0	65.2	66	65.2	10	----	65.2	0.0	8	-8.0
Teal Club Road West of Patterson	18	1	0.0	59.3	66	59.3	10	----	59.3	0.0	8	-8.0
Patterson Road south of Doris Ave	23	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0
Ventura Road North of Doris Ave	25	1	0.0	73.5	66	73.5	10	Snd Lvl	73.5	0.0	8	-8.0
Ventura road Between Teal Club Road and	26	1	0.0	73.2	66	73.2	10	Snd Lvl	73.2	0.0	8	-8.0
Ventura Road South of Teal Club Road	28	1	0.0	73.6	66	73.6	10	Snd Lvl	73.6	0.0	8	-8.0
Teal Club Road between Patterson and Ve	30	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		10	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							