

Directory: C:\Users\Mike\AppData\Local\Temp
Appendix 2 Semi-Permanent Noise Measurements
Location P1
File: Land r/o Crescent Parade \Norsonic\Downloaded Measurements
File version v1.0/6.0.0.4 Date 171101

		Duration	Status	LAeq	LAFmax	LAE	LAppeak	LAF,Perc2
NOR140_FILE_171101_0001.NBF	(2017/11/01 08:46:31.00)	(0:0:20.0)	Calibration	114	114	127	117.1	114.2
NOR140_FILE_171101_0002.NBF	(2017/11/01 08:46:56.00)	(0:0:0.0)	Observation	-	114	-	117.1	114.2
NOR140_FILE_171101_0003.NBF	(2017/11/01 11:01:36.00)	(1:0:0.0)	Yard activity	61.6	89.1	97.1	106.3	71.4
NOR140_FILE_171101_0004.NBF	(2017/11/01 12:01:42.00)	(1:0:0.0)		59.4	81.8	95	97	68.3
NOR140_FILE_171101_0005.NBF	(2017/11/01 13:01:47.00)	(1:0:0.0)	Yard activity	62.1	87.8	97.6	99.2	72.6
NOR140_FILE_171101_0006.NBF	(2017/11/01 14:01:52.00)	(1:0:0.0)	Yard activity	63.2	91.3	98.8	106.8	73.5
NOR140_FILE_171101_0007.NBF	(2017/11/01 15:01:58.00)	(1:0:0.0)	Yard activity	61.4	86.9	97	101.8	71.5
NOR140_FILE_171101_0008.NBF	(2017/11/01 16:02:03.00)	(1:0:0.0)	Yard activity	63.4	86.6	98.9	100.3	77
NOR140_FILE_171101_0009.NBF	(2017/11/01 17:02:09.00)	(1:0:0.0)		55	75	90.6	90.2	61.8
NOR140_FILE_171101_0010.NBF	(2017/11/01 18:02:14.00)	(1:0:0.0)		55.9	79.5	91.5	92.6	64.5
NOR140_FILE_171101_0011.NBF	(2017/11/01 19:02:20.00)	(1:0:0.0)		55	72.7	90.5	84.8	62.4
NOR140_FILE_171101_0012.NBF	(2017/11/01 20:02:25.00)	(1:0:0.0)		56.7	80.9	92.2	91.9	63.7
NOR140_FILE_171101_0013.NBF	(2017/11/01 21:02:31.00)	(1:0:0.0)		54	76.3	89.6	86.5	59.1
NOR140_FILE_171101_0014.NBF	(2017/11/01 22:02:36.00)	(1:0:0.0)		53.2	69	88.8	84.8	59
NOR140_FILE_171101_0015.NBF	(2017/11/01 23:02:42.00)	(1:0:0.0)		51.5	67.4	87	81.1	58.3
				69.5				pm
			Yard activity	61.0				am with site act

[illegible]

200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz
31.1	38.8	34.8	55.1	63.1	74.2	93.3	114	93.5	74.1	62.9	49.1	46.8	34.5	27.1	24.4	23.1	21.4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53.6	53.3	51.9	51.5	52	51.5	51.3	51.4	52.2	54.1	48.8	47.6	46.5	44.7	42.4	39.5	35.7	31.8
52.7	52.5	51.4	51.4	52.1	50.7	50	50.3	49.3	48.3	46.5	45.3	45.1	43	40.7	37.6	33.5	29.5
53.9	53.8	52.9	53.1	53.2	53.4	52.5	51.7	52.9	54.8	47.7	47.3	45.6	44	41.3	37.6	34.1	31.9
55.3	54.4	54.4	54.2	54.8	53.8	53.1	53.2	52.9	55.5	50.7	49.4	49	45.9	43.8	39.6	35.8	31.6
54	53.8	52.8	53.2	53.6	53.4	52.4	52.9	52.1	51.3	47.8	46.1	45	43.5	40.9	37.8	34.5	31
59.4	55.8	55.8	54.9	56.4	55.7	53.8	54.5	54	52.7	49	47.7	46.9	45.1	42.6	39	36.6	33
48.3	47.9	47.3	45.9	45.5	45.4	46.9	47	45.8	45.6	41.5	39.1	38.8	35.2	33.3	28.6	24.1	19.4
48.8	48.4	47.5	46.3	46.1	45.9	47.6	48.4	46.9	46.6	42.4	40	39.7	36	33.4	28.3	23	17.5
48.2	47.9	47.1	45.8	45.6	45.9	47.4	47.6	46.1	44.6	41.6	38.1	35.1	32.6	28.8	24.4	20.8	17.1
47.3	47.2	46.9	45.4	45.5	46	49.4	49.8	48.3	47.3	42.9	40.6	38.6	34.8	33.6	28	24.2	19.3
45.5	45.4	45	43.3	43.3	44.1	46.7	47.1	45.8	44.2	40.9	36.9	34.5	30.2	26.9	22.8	17.4	12.9
45.6	45.4	44.8	43	43.1	43.8	45.8	46.2	44.8	43.3	40.3	36.2	33	29.6	26.5	22.3	18.2	12.8
42.9	43	42.7	41.8	41.8	42.5	44.3	44.5	42.7	41.2	38.5	34.5	31.2	27.8	24.3	20.2	15.9	12.2

			LfFmax																
12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz
22.3	23.8	24.3	68	63.4	65.1	62.7	57.3	54.7	55.1	51.8	42.5	46.8	44.2	39.4	42.8	44.5	44.2	42.4	49.4
-	-	-	68	63.4	65.1	62.7	57.3	54.7	55.1	51.8	42.5	46.8	44.2	39.4	42.8	44.5	44.2	42.4	49.4
29.2	28.8	23.2	85.7	82.8	85	83.1	88.6	85.6	81.6	85.9	95.7	90.9	83.6	83.4	81	86	81.1	76.6	76
24.2	18.8	14.2	87.1	84	80.4	79.3	82.9	82.1	79.3	77.8	81.6	78.8	80.3	81.3	80.8	79	77.6	71.9	75
26.6	26.5	21.3	86.6	85.7	84.8	84	81.6	78.2	83.4	80.9	81.1	78.7	77.5	79.1	77.9	76.7	77.1	76.3	75.7
27.1	30.7	24.9	90.7	88.5	83.7	83.1	82.7	81.6	83.3	85.8	94.8	90	90.6	82.9	82.6	81.8	87.7	85.9	85.3
26.8	21.8	15	92.5	86.1	85	82.9	82.1	80.2	84.6	89.3	86.8	86.9	89.7	89.7	82.8	85	80.9	83.8	81.7
27.9	22.2	16.5	85.7	84.9	80.8	79.4	83.9	84.5	80.7	87.7	93.8	95.4	82.7	84.1	85.2	77.8	76.6	80.1	76.7
16.3	13.2	11.7	91.6	88.5	85.1	83.1	81.2	81.1	82.4	73.6	75.4	73.3	74	73	79.7	74.9	73.3	68.9	66.7
13.9	11.5	11.8	99.4	97.7	95.3	92.2	84.7	88.1	81.1	78.2	74.2	79.8	75	74	71.3	74.5	72.1	72.6	72.2
11.8	10.5	11.1	90.5	87.8	84.9	82.2	79.9	83.2	75.3	73.1	72.4	79.1	72.4	75.4	71.4	71.8	72	69.2	75.2
14.7	12.4	11.3	88.2	87.6	86.3	80.8	79.2	78.9	76	77.3	82.2	74.6	72	69.1	74.4	75.1	65.7	65.2	65.3
10.9	10	10.8	85.8	84.5	82.3	82	78.5	77.2	73.4	69.3	71.9	73.5	68.4	70.4	73.5	71.7	71.2	66	68.9
10.3	10.3	10.8	84.6	83.5	81.9	80.6	76.8	75.3	72.2	72.6	72.5	72.7	73.9	71.6	69.7	66.5	73.2	72.7	63.9
10.7	9.9	10.8	86.2	84.3	81.4	81.1	75.7	79.3	76.2	78.8	72.8	68.3	74.9	69.7	66.9	70.2	66.8	63.8	66.7

315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz
48.3	55.6	63.1	74.2	93.3	114	93.5	74.1	63	49.1	46.8	34.6	27.4	25.1	23.5	21.8	22.8	24.2
48.3	55.6	63.1	74.2	93.3	114	93.5	74.1	63	49.1	46.8	34.6	27.4	25.1	23.5	21.8	22.8	24.2
76.5	81.2	81.4	78.3	79.2	78.9	82.2	82.8	78.5	78.5	78.8	76.1	73.2	73.3	67.7	63.2	66.4	66.8
71.7	73.2	73.4	68.3	69.4	72.8	72.2	73.6	72.5	72.8	75.5	69.9	67.8	63.8	60	54.7	51.1	45.9
78.8	78.2	80.6	84.2	83.8	81.8	79.2	83.8	74.6	76.7	71.2	70.1	65.3	62	62.5	69.8	60.9	64.1
88.3	85.4	83.4	82.3	81.7	80.1	77.7	82.2	77.3	79.4	79.1	81	76.8	70.7	64.8	59.9	53.6	65.5
80.1	79.9	79.7	76.6	77.2	80	81.8	78.3	73.9	74.3	72.6	70.5	69.2	66.8	64.9	62.4	58.6	54.4
77.8	76.6	76.9	78	76.4	81.2	83.6	78.5	77.6	70.2	73.3	72.5	65.4	61.3	58	54.7	51.5	49.3
66.3	70.5	67	65	65.8	62.4	68	72	61	65.1	67.1	62.3	63.3	58.6	54.2	54	52.3	48.5
67.3	66.9	66.5	67.5	71.4	77.7	72.9	74.2	66.2	67.7	70.5	66.1	64.4	57.7	54.1	45.2	45.9	35.9
67.9	64.3	63	62.3	67.9	68.5	69.1	67.4	57.5	64.8	58.6	62.4	55.6	53.9	54.2	50.1	37.5	27.5
67	66.1	64.5	64.7	81.4	76.8	72.6	74.2	64.1	67	72	63.7	69.1	59.9	53.5	50.7	45.7	46.7
63.2	60.7	62	58.2	73.1	72.4	71	69.9	58.4	58.9	64.8	55.3	53.3	48.7	42.8	37.3	39.6	20.7
62.3	62	63.4	62.9	60.5	64.3	67.9	67	57	55.8	53.2	51.5	51.2	46.9	42.3	37.6	31.2	37.8
62.5	66.1	60.9	57.8	62.5	57.5	55.3	59.5	55.1	56	53.5	47	46.8	48.1	40	36.6	40.1	21.7

LfE																				
20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz
24.7	68	66.3	66.5	62.7	57.4	55	55.6	53.5	45.2	47	45.4	43.7	42.4	42.4	39.9	44.1	51.8	47.8	68.2	76.1
24.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61.8	###	99.8	97.8	96.1	95.6	94.2	97.7	97.5	104	99	95	97.1	97.9	91	90.1	89.1	88.8	87.5	87.1	87.6
40.2	###	100.3	98	96.3	95.4	94.2	99.5	98.3	97.2	96.2	94.9	95.3	95.7	89.1	89.4	88.2	88.1	87	87	87.6
59.1	###	103.2	101	98.7	97.3	96	106	97	95.7	97.6	93.6	94	95.9	89	89.7	89.5	89.4	88.5	88.7	88.8
61	###	103.2	101	98.8	97.5	95.9	102	100.1	106	101	97	97.6	97.3	92.2	92.8	90.9	90	89.9	89.8	90.4
40.2	###	105.3	103	100.5	98.3	96.6	101	98.7	98.2	97.8	95.1	96.2	99.2	90.6	89.7	89.6	89.4	88.4	88.7	89.1
45	###	102.6	99.9	97.7	96.2	94.4	97.6	98.8	104	98.9	94.3	97.4	101.9	90.9	92	95	91.3	91.4	90.4	91.9
36.5	###	104	101	98.7	96.6	94.7	95.2	94.6	93.3	92.9	91.6	89.8	88.5	87.3	85	83.9	83.5	82.9	81.5	81
43.4	###	105.8	103	100.3	97.8	95.9	95.4	93.2	92.6	94.1	91.5	89.6	87.5	87.4	85.8	84.3	84	83.1	81.8	81.7
24.8	###	102.6	100	97.7	95.6	93.6	93.6	91.4	91.2	93	90.4	88.7	87	86.6	85.1	83.7	83.5	82.6	81.4	81.1
36.4	###	103.2	101	98.4	96.3	94	93.1	92.6	106	96	90.1	92	87.7	87.2	84.3	82.8	82.8	82.5	80.9	81.1
25.2	###	102.3	99.8	97.5	95.1	92.9	91.9	89.8	89.2	89.8	88	86.6	85.6	84.2	82.3	81.1	80.9	80.6	78.9	78.9
24.1	###	102.5	100	97.6	95.3	93	92	89.7	88.8	89.1	87.6	86.3	84.4	83	81.9	81.1	81	80.3	78.5	78.7
22.2	###	101.2	98.7	96.3	94.2	91.8	90.3	88.1	87.5	86.5	85.8	83.9	81.7	81.6	80.2	78.5	78.6	78.3	77.4	77.3

LfF,Perc2																
630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz
87.2	106.3	127	106.5	87.1	75.9	62.1	59.8	47.5	40.1	37.4	36.1	34.4	35.3	36.8	37.3	66.9
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.9
87.1	86.9	86.9	87.8	89.7	84.4	83.1	82.1	80.3	78	75.1	71.2	67.3	64.8	64.3	58.7	77.4
86.2	85.6	85.9	84.9	83.8	82	80.9	80.6	78.5	76.3	73.2	69.1	65	59.8	54.4	49.7	77.1
89	88	87.3	88.5	90.3	83.2	82.9	81.2	79.6	76.9	73.1	69.7	67.4	62.2	62	56.8	81.1
89.4	88.6	88.7	88.5	91	86.3	85	84.5	81.4	79.3	75.2	71.4	67.2	62.6	66.2	60.4	80.6
88.9	87.9	88.5	87.7	86.9	83.4	81.7	80.6	79	76.5	73.4	70.1	66.5	62.4	57.4	50.5	81.6
91.3	89.4	90	89.5	88.2	84.6	83.3	82.4	80.7	78.2	74.6	72.2	68.5	63.5	57.7	52.1	79.7
81	82.5	82.6	81.3	81.2	77	74.6	74.4	70.7	68.9	64.1	59.7	54.9	51.8	48.7	47.3	81.2
81.4	83.2	84	82.4	82.2	78	75.6	75.3	71.6	69	63.9	58.5	53.1	49.4	47	47.4	82.6
81.4	83	83.2	81.7	80.2	77.2	73.6	70.7	68.2	64.4	60	56.4	52.7	47.3	46	46.6	81.1
81.6	85	85.4	83.9	82.8	78.5	76.2	74.1	70.3	69.1	63.6	59.7	54.8	50.2	48	46.8	80.8
79.7	82.3	82.7	81.3	79.7	76.4	72.5	70.1	65.8	62.4	58.4	52.9	48.4	46.5	45.5	46.4	79.8
79.4	81.3	81.8	80.3	78.9	75.9	71.8	68.5	65.2	62.1	57.8	53.8	48.3	45.9	45.8	46.4	79.1
78.1	79.8	80	78.3	76.8	74	70.1	66.8	63.4	59.9	55.7	51.5	47.7	46.3	45.5	46.3	78.6

8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz
62.4	63.6	60	54.2	50.2	53.4	50.4	41.6	44.2	41.6	37	40.2	40.2	37.6	38.5	46.8	44.6	55.5	63.2	74.2	93.4
62.4	63.6	60	54.2	50.2	53.4	50.4	41.6	44.2	41.6	37	40.2	40.2	37.6	38.5	46.8	44.6	55.5	63.2	74.2	93.4
75.2	72.6	70.8	69.1	67.3	72.3	71.8	83	75	69.6	72.5	75.2	64.2	64.8	63.4	62	60.3	60.6	61.4	60.6	60.1
75	72.5	70.4	68.6	66.9	73.8	71.9	72.8	71.3	70.3	71.1	71.9	62	64.2	62.4	61.2	60.1	60.5	61.6	59.8	58.3
79.2	76.6	74.1	71.9	69.8	77.2	71.5	71.8	72	65.8	67.9	72.1	62.3	65.3	64.1	63.7	62.5	64.3	62.7	62.7	61.9
77.9	75.4	73.3	71.5	69.3	76.1	75.2	81.4	77.1	72.4	73.5	74.8	67.9	68.1	65.7	63.8	63.2	63.5	65.4	64.6	62.6
79.4	76.6	74.4	72	69.7	75.6	73.2	74.4	73.2	68.7	71.7	76.3	65.6	65.3	64	63.4	62.3	63.5	63.7	63.9	61.9
77.5	74.9	72.6	70.6	68.2	72.1	74.6	81.6	71	67.9	73.8	81	67.4	69.4	74.6	69.7	70	68.7	71.1	70.5	67.6
78.9	76.4	73.7	71.4	68.9	67.3	67.1	65.2	65.4	63.8	62.4	62.1	60.6	57.6	58	57.9	56.9	54.8	53.1	52.4	52.4
80	77.3	74.7	72	69.4	67.7	65.1	64.6	67.4	63.9	62.4	60.7	61.9	60.7	59.3	57.6	56.2	55.6	54.7	52.5	53
78.4	76	73.4	71	68.2	66.5	64.3	63.9	65.6	62.7	61.4	61.3	61.5	60.9	58.7	57.8	57.2	55.8	54.9	54.1	53.7
78.4	76.1	73.6	71.2	68.5	66.4	65.6	78.6	68.3	63.3	63.9	59.7	61.5	57.4	55.1	54.9	54.9	51.6	51.8	52.4	54.7
77.1	74.8	72.4	69.8	67.3	65.1	62.5	61.5	64.2	60.3	58.2	58.3	56	54.4	52.1	51.2	50.9	49	48.7	50.4	52.5
76.7	74.2	71.8	69.4	66.7	64.8	62	60.9	62.9	60.7	60.3	58.1	56	54.3	54	54.1	53.2	50.1	49.6	50.5	51.9
76.3	73.5	71.3	69	66.2	64	61.5	60.6	60.4	60.1	58.2	54.7	54.2	52.5	50.5	50.4	51.2	50	49.6	50.3	51.5

														LfF,Perc3		
1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz
114.2	93.6	74.2	63	49.2	47	34.6	27.4	24.8	23.4	21.8	22.7	24.1	24.6	61.4	60.4	59.6
114.2	93.6	74.2	63	49.2	47	34.6	27.4	24.8	23.4	21.8	22.7	24.1	24.6	61.4	60.4	59.6
60.3	61.6	65.5	58	57.3	56.8	55	53	49.9	46.2	42.2	38	35.1	27.5	72.6	70.7	68.1
59.7	58.4	57	55.8	55.5	55.8	53.8	51.3	48.4	44.4	40.1	35.4	29.6	22.8	73.2	70.8	68.4
61.5	63.6	64.3	58	57.9	57.4	55.7	53.2	49.8	46.4	43	37.6	33.2	25.1	76.5	74	71.4
63.5	64.1	67.8	61.1	60.2	60.9	55.7	54.3	50.5	46.3	41.6	37.3	39.1	30.1	76.9	74.1	71.8
62.5	62	61.4	57.8	56.7	56.2	54.3	52	49.1	45.5	42.1	37.3	32.2	24.6	78.3	75.9	73.4
66.7	65.1	65.2	62.1	61.3	60.6	59.5	57.2	53.8	51.7	48.1	42.8	36.6	29.6	76.1	73.9	71.3
52.2	51.3	52.7	46.8	47.5	48.3	43.7	40.6	36.2	31.5	26.1	23.7	17.9	15.5	77.7	75.3	72.7
53.7	53	53.9	48.5	45.7	46.5	42.5	40.1	35.5	31.1	26	21.1	17.6	14.2	78.5	75.8	73.2
53	51.2	49.3	46.5	43.7	42.2	40.1	37.8	33.5	30.1	25.4	19.7	14.5	12.5	76.8	73.9	71.2
56.2	54.8	55.9	49	47	47	42.1	40.2	35.2	31.1	26	20.3	16.6	13.1	77.2	74.6	72
52.6	50.8	49.1	46.5	42.9	40.8	38.1	35.1	32	26.6	21.6	17.2	11.8	11.8	76.2	73.4	70.9
52	50.1	48.7	46.3	42.9	40.5	37.5	34.9	32.6	27.7	22	16.1	12.1	12.1	75.8	73.2	70.8
51.5	49.7	48	45.9	42.6	39.8	37.1	34.3	29.9	25.7	20.7	15.3	11.1	11.5	75	72.4	69.8

12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz
53.4	50	46.6	47.4	46.8	36.8	39.8	37.6	34.8	33.1	33.8	31.2	35.8	44	41.8	55.2	63.2	74.2	93.4	114.1
53.4	50	46.6	47.4	46.8	36.8	39.8	37.6	34.8	33.1	33.8	31.2	35.8	44	41.8	55.2	63.2	74.2	93.4	114.1
66.2	64.9	63.4	68.2	67.2	70.9	69	63.1	67.3	69.1	59.8	59.6	59.5	58.6	56.5	56.2	57.3	56.4	55.7	55.6
66.4	64.8	63.4	69.4	69.3	68	64.9	63	64.2	67.8	58.1	58.8	58.5	57.6	56.3	56.9	57.9	55.9	54.6	55.1
69.3	67.4	65.7	75.3	67.7	65.2	66.9	62.5	63	67.3	57.7	59.4	59.3	58.9	56.8	57	58.2	57.1	55.5	55.5
69.4	67.6	65.6	73.6	69.8	76.1	70.8	66.4	68	67.2	61.5	63.1	60.5	58.7	58.2	58.7	59.1	58.5	58	58.3
71	68.6	66.5	72.6	68.9	67.4	66.3	63.3	65.9	71.8	59.2	59.1	58.3	58.1	57	57.8	59.1	59.4	57.4	57.7
68.6	66.5	64.1	67.2	68.9	69.6	65.3	62.8	68.3	69.6	61.4	63.2	60	59.1	58.1	58.6	58.9	58.4	57	57.9
69.9	67.3	65	64.3	63.9	62.6	61.9	60.1	58.3	56.5	55.5	53.2	52	50.9	50.7	49.1	48.6	48.7	50	50
70.5	68	65.4	64.2	62	61.4	63.1	60.2	58.1	56	55.9	54.1	52.7	51.6	50.8	49.4	48.6	48.8	50.3	50.6
68.7	66.1	63.7	63.1	60.6	60.3	61.8	59.1	57	55	54.7	53.1	50.6	50.5	49.5	48.8	48.4	49.1	50.7	50.8
69.5	67.1	64.3	62.8	61.5	78.1	67.2	58.8	62.9	56.5	55.9	53.3	51.3	50.9	50.1	49	49.3	49.7	51.6	52.6
68.3	65.7	63.2	61.5	59.2	58.6	58.9	56.9	55.2	54.5	52.5	50.3	48.4	48.5	48.1	46.4	46.5	48	50.2	50.5
68.2	65.8	63.1	61.7	59	57.9	58.1	56.5	55.3	52.8	51.2	49.6	49	48.9	48.3	46.7	46.5	47.8	50	50.3
67.4	65	62.4	60.4	57.9	57.1	56.2	54.9	52.5	50.2	49.4	47.6	46.4	46.5	46.6	45.7	45.7	47.1	49.1	49.2

													LfF,Perc4			
1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz
93.6	74.2	63	49.2	46.8	34.6	27.3	24.6	23.4	21.7	22.6	24	24.6	57.8	58	56.8	52.7
93.6	74.2	63	49.2	46.8	34.6	27.3	24.6	23.4	21.7	22.6	24	24.6	57.8	58	56.8	52.7
55.7	55.5	52.6	52	51.2	49.6	47.4	44	40.1	35.8	31.4	27	19.8	69.9	67.8	65.5	63.8
54.1	53.2	51.8	51.1	50.5	48.9	46.5	43.4	39.9	35.5	30.3	24.5	18	70.8	68.3	66.1	64.2
55.5	54.8	52	51.5	50.6	49	46.5	42.9	39.3	35.1	30.1	24.4	17.7	73.4	71	68.6	66.5
57.7	58.7	55.2	53.9	53	49.6	47.6	44.1	40.5	36.3	31.9	27.5	20.9	74.3	71.6	69.4	67
56.5	55.3	52.8	51.5	50.5	49	46.2	42.5	39.4	35.6	30.9	25.2	18.6	76.3	73.8	71.4	68.9
56.9	56.6	53.2	51.9	51	49.2	46.9	42.6	39.8	35.2	30.4	25	18.4	73.5	71.1	68.4	65.8
48.2	47	44.2	41.2	39.3	36.7	33.7	29.3	24.7	19.6	15	11.8	12	75.1	72.5	69.6	66.8
48.9	47.6	44.9	41.1	38.7	36	33.1	28.8	24.6	20	15.2	11.9	11.9	76	73.3	70.6	67.8
49	47.3	44.7	41	38.1	35.5	32.3	28.3	24.1	19.1	14.2	11.4	11.6	73.5	70.7	68.1	65.7
51.2	49.1	46.3	44.6	40.4	38.4	35.5	31	28	23.1	17.6	13.3	11.7	74.5	71.8	69.2	66.8
48.7	47.1	44.6	40.7	37.3	34	30.4	25.9	21.6	16.3	11.8	10.6	11.4	73.5	70.8	68.1	65.5
48.5	46.9	44.4	40.5	37.4	34.1	30.7	26.2	21.6	16.2	11.7	10.6	11.3	73.7	71	68.5	65.8
47.3	45.7	43.2	39.5	36.3	32.8	29	24.1	19.8	14.7	10.7	10.3	11.2	72.6	70	67.4	64.8

16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz
48.1	44.7	45	44	35.6	37.2	35	33.5	30.5	29.8	28.4	34.8	42.2	38.3	55.2	63.2	74.2	93.4	114	93.6
48.1	44.7	45	44	35.6	37.2	35	33.5	30.5	29.8	28.4	34.8	42.2	38.3	55.2	63.2	74.2	93.4	114	93.6
63	61.5	65.1	64.2	67.7	65.1	61.2	65.2	64.1	57.7	57	57.1	56.6	54.9	54.2	55	54.1	53.3	53.3	53.1
63	61.7	67.5	66.9	65.3	62.8	61.1	61.9	62.7	56.2	56.2	56	55.6	54.5	55	55.8	54	52.9	52.5	51.7
64.9	63.5	74.5	64.9	62.2	65	61	61	63	55.7	56.4	56.7	57	54.9	54.7	56	54.7	53.5	53	52.8
65.4	63.7	70.9	67.4	71.8	66.8	63.7	65.3	62.4	58.9	59.5	57.9	56.6	55.9	56.1	56.6	55.9	55.5	56.2	54.8
66.6	64.6	68.9	66	64.1	64	61.2	63.2	65.4	56.9	56.1	55.9	56.1	55.1	55.8	57	56.7	55.2	55.4	53.6
63.8	61.8	64.9	65.5	63	62.6	60.6	64.3	62.7	57.5	56.6	56.5	55.7	54.7	54.6	55	55.1	53.3	53	52.2
64.4	62.3	62.7	62.2	61	60.3	58.6	56.7	54.5	53.5	51.3	50	49	48.6	47.1	46.9	47.4	49	49.1	47.4
65.5	63.1	62.7	60.5	59.9	61.6	58.5	56.4	54	53.5	51.5	50	49.4	48.9	47.5	47.2	47.7	49.4	49.7	48.1
63.3	61.1	61.4	58.8	58.6	60.1	57.5	55.3	53.2	52.5	50.4	48.7	48.7	48.1	47.2	47	47.9	49.7	49.9	48.2
64.4	61.9	60.8	59.7	77.3	66.5	57.1	62.3	55.6	54.6	51.8	49.7	49.6	48.9	48.1	48.3	48.6	50.6	51.6	50.4
63.1	60.7	59.6	57.4	56.9	57.1	55.3	53.7	52.6	50.9	48.8	47.2	47.4	47	45.5	45.5	46.8	49.2	49.5	47.7
63.5	60.8	59.9	57.4	56.3	56.3	54.7	53.1	50.9	49.6	47.9	47.2	47.3	46.9	45.3	45.4	46.6	48.9	49.3	47.5
62.5	60.1	58.4	55.8	55.2	54.2	52.7	50.3	48.5	47.8	46.2	45	45.1	44.9	43.9	44.3	45.6	47.6	47.9	46.1

												LfF,Perc5					
1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz
74.2	63	49.2	46.8	34.6	27.3	24.6	23.3	21.6	22.6	24	24.5	47.8	48.8	49.8	45.9	41.1	39.8
74.2	63	49.2	46.8	34.6	27.3	24.6	23.3	21.6	22.6	24	24.5	47.8	48.8	49.8	45.9	41.1	39.8
52.1	49.9	49.1	48.2	46.7	44.4	40.7	37.2	32.8	28.1	23	16.4	59.8	58.1	56.8	56.1	56.8	55.7
51.1	49.5	48	47.1	45.9	43.5	40.1	36.6	32.4	27.6	21.8	15.8	62	59.9	58.2	57	57	56
51.9	49.8	49.1	47.6	45.8	43.3	39.7	36.2	31.8	26.9	21.1	15.1	62.7	60.7	58.9	57.5	57.7	57.4
55.3	52.7	51.3	50	47.2	45	41.1	38	33.7	29	24	18.4	63.5	61.4	59.6	58.3	58.1	57.1
52.7	50.5	48.9	47.9	46.3	43.5	39.7	36.5	32.6	27.9	21.9	16	67.6	65.1	62.9	60.8	59	58
51.5	48.8	47.5	46.9	45	42.2	38.3	35.3	30.8	25.8	20	14.7	62.9	60.7	58.5	56.9	55.8	55.5
46	43.2	39.7	37	34.2	31	26.6	22.3	17.3	12.8	11	11.5	64.3	62	59.7	57.7	56.2	55.5
46.6	43.9	40	37	34.1	30.9	26.5	22.4	17.9	13.4	11.2	11.6	66.5	64.2	61.9	59.8	58	56.7
46.5	43.9	40.1	36.9	33.9	30.5	26.1	21.7	17	12.4	10.8	11.3	59.4	57.2	55.4	54.5	54	53.8
48.1	45.4	43.9	39.3	37.7	34.8	30.1	26.8	22.3	16.9	12.9	11.4	62.7	60.4	58.7	56.9	55.7	54.5
46.2	43.6	39.6	36.2	32.7	28.9	24.1	19.6	14.5	10.7	10.3	11.2	63.9	61.2	59.1	57	55.2	53.8
46	43.4	39.4	36.1	32.6	28.8	23.7	19.3	14.2	10.6	10.2	11.1	65	62.4	60.1	57.8	55.9	54.3
44.5	41.8	38	34.7	31.2	27	21.9	17.7	12.9	10	10.1	11	60.7	58.2	56.1	54.3	52.9	51.4

25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz
39.8	36.1	29.5	28.1	29.6	29.2	26.9	27.3	22.7	28.4	35.4	28.7	55.1	63.1	74.1	93.3	113.9	93.5	74.1	62.9
39.8	36.1	29.5	28.1	29.6	29.2	26.9	27.3	22.7	28.4	35.4	28.7	55.1	63.1	74.1	93.3	113.9	93.5	74.1	62.9
58.1	57.6	57.7	57.3	56.1	55.6	53.6	51.8	50.4	49.2	49.5	48.5	47	47.2	47.2	48.1	48	46.6	45.1	42.9
59.6	57.8	56.2	57.2	56.1	55.6	53.5	51.3	49.9	49	49.3	48.4	47.5	47.4	47.2	47.9	47.8	46.5	45	42.6
61.5	57.4	55.7	58.7	56	55.1	53.4	50.6	49	48.9	50.1	48.4	47.6	47.5	47.5	48.3	48.2	47.2	45.8	43.5
60	58.3	57.1	58.7	56.8	55.6	53.6	51.9	50.5	50	49.8	49.5	49.2	49.7	49.3	49.5	49.3	48.2	47.2	45.5
60.5	58.4	57	57.6	55.7	54.1	51.9	50.1	48.8	48	47.8	47.9	47.4	47.7	47.7	48.2	48	46.6	45.3	42.8
58.2	56.7	55.6	56.4	54.7	52.9	50.5	49.1	47.4	46.7	47.1	46.9	46.1	46.2	46.7	47.5	47.5	46.4	45.2	42.5
57.6	56.9	55.7	55.5	54.3	52.5	50.1	49.1	46.9	45.9	45.8	45.4	43.9	44	44.3	46	46.3	44.9	43.5	40.6
57.9	55.9	55.2	55.9	54.1	52.2	49.9	49	46.7	45.9	46	45.5	44.2	44.4	44.7	46.5	46.9	45.4	43.9	41.2
55.7	53.7	53.5	54.6	53	51.2	49.1	48.3	46.2	45.3	45.5	45	43.9	44	44.5	46.4	46.8	45.3	43.7	41.1
55	53.9	53.5	53.6	52.3	50.6	49	48.2	46	45.5	45.5	45.3	44	44.1	44.8	46.9	47.3	45.7	44.2	41.4
53.8	52	51.5	51.5	50.5	49.1	47.6	46.8	45	44.1	44.4	43.9	42.5	42.6	43	45.1	45.6	44.2	42.7	39.9
54	52	51.3	50.8	49.3	47.8	46.3	45.5	44.1	43.4	43.6	43.2	41.6	41.8	42.2	44.3	44.9	43.3	42	39.1
51.2	48.9	48.9	47.8	46.5	45.2	44	43.8	42.9	41.3	41.4	40.8	39.5	40.1	40.5	42.3	42.6	41.1	39.7	36.6

LfF,Perc6

2.5 kHz	3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz
49.1	46.7	34.5	27.1	24.4	23.1	21.4	22.3	23.7	24.3	39.9	39.7	44.9	41.1	33.4	34.2	34	29.9
49.1	46.7	34.5	27.1	24.4	23.1	21.4	22.3	23.7	24.3	39.9	39.7	44.9	41.1	33.4	34.2	34	29.9
39.8	37.4	35.3	32.5	29.2	25.7	21.5	17	13.4	11.8	50.1	48.9	48.9	49.2	50.9	50.5	53	53
39.4	36.7	34.1	30.8	27.3	23.7	19.4	15.1	12.2	11.6	53.7	52.1	51	50.5	51.3	51.1	53.2	52.5
41.1	38.4	36	33.2	28.5	24	19	14.5	11.8	11.5	52	50.5	50.2	50.2	51.8	51.9	53.7	52.3
43.1	41.3	39	36.2	32.1	28.6	24.3	19.7	14.9	12.3	52.3	50.8	50.4	50.3	52.1	51.3	53.3	52.3
39.5	37	34.4	30.9	26.7	23.1	18.5	13.9	11.6	11.5	55.6	53.9	52.7	52.3	52	52.1	54.8	53.4
39.1	36.7	34.1	30.8	27	23.1	18.4	14.3	11.5	11.3	54	52.3	50.8	50.1	49.8	50.5	53.2	52
36.7	33.3	30.2	26.4	21.7	17.4	13	10.2	10.1	11	56.1	54.3	52.5	51.2	50.3	50.6	53.1	52.4
37.1	33.6	30.4	26.6	22	17.8	13.6	10.5	10.2	11	55.5	53.3	52.2	51.5	50.8	51.1	53.2	51.7
37	33.4	30	26	21.1	16.8	12.8	10.1	10.1	10.9	39.2	40	42.3	44.2	45.7	47.9	50.3	49
37.3	33.5	29.8	25.7	20.7	16.3	11.9	10	10	10.9	43.9	43.8	45.7	46.7	47.1	48.5	50.1	48.5
35.4	31.4	27.6	23.2	18	13.7	10.3	9.9	9.9	10.8	54.3	52.1	50.7	49.7	48.8	48.4	48.9	47.4
34.6	30.7	26.9	22.6	17.7	13.5	10.2	9.9	9.9	10.8	56.3	54.1	52.1	50.6	49.2	48.9	48.9	47.3
32	28.1	24.2	19.6	14.9	11.5	10	9.9	9.9	10.7	36	36.8	38.9	40.9	42.3	44.3	43.8	41.8

40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz
24.7	22.3	25.3	25.9	23.4	24.9	19.3	22.2	24.7	22.2	55	63	74	93.2	113.8	93.4	74	62.8	49
24.7	22.3	25.3	25.9	23.4	24.9	19.3	22.2	24.7	22.2	55	63	74	93.2	113.8	93.4	74	62.8	49
52.4	52.6	51.8	51.2	49.4	48.1	47.2	46.2	46	45.5	43.8	43.9	43.6	44.3	44.3	43	41.6	39.1	35.5
52	52.9	52.2	51.5	49.6	47.9	46.7	45.9	45.9	45.3	43.9	43.9	43.4	44	44.1	42.9	41.3	38.7	35
51.4	53	51.9	51	48.7	47.4	45.6	45.2	45.4	44.9	43.5	43.9	43.5	44.3	44.4	43.2	41.5	38.9	35.1
51.9	52.6	52	50.5	48.1	47	45.4	44.9	45	44.8	43.5	44.2	44	45.1	45.2	44	42.4	39.8	36.2
52.3	52.8	51.3	49.6	47.5	46.3	45	44.4	44.6	44.3	43.1	43.5	43.1	44.2	44.3	43	41.5	38.7	34.8
51	51.7	50.5	48.7	46.8	45.7	44.2	43.7	44.3	44.1	42.7	43	43	44.1	44.4	43.4	42.1	39.3	35.5
51.3	51.3	50.7	49.3	47.1	46.2	44.2	43.5	43.5	43.2	41.8	41.8	41.6	43.2	43.6	42.3	40.9	38	33.9
51	51.6	50.6	48.9	47	46.3	44.2	43.5	43.6	43.1	41.7	41.9	41.8	43.5	44	42.7	41.1	38.3	34.1
49	49.6	49.3	47.9	46.1	45.4	43.6	43	43	42.5	41.3	41.3	41.3	43.1	43.6	42	40.5	37.6	33.2
48.4	48.5	48.3	46.8	45.3	44.9	42.9	42.6	42.6	42.1	40.6	40.7	40.7	42.7	43.1	41.4	39.8	36.8	32
47	47.1	46.3	45.3	44.3	43.7	42.2	41.6	41.8	41.2	39.7	39.7	39.6	41.5	41.8	39.9	38.2	34.8	29.7
47	46.5	45.1	43.9	42.9	42.3	41.2	40.7	40.7	40.1	38.4	38.5	38.5	40.4	40.8	38.9	37	33.4	28.6
43.5	42.2	41.5	41.5	40.6	40.9	40.5	38.6	38.4	37.6	36	36.5	37.2	38.8	38.6	36.3	34.2	30.6	25.6

LfF,Perc7

3.15 kHz	4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz	6.3 Hz	8.0 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz
46.6	34.4	26.9	24.2	22.9	21.1	22.1	23.6	24.1	38.5	37.6	42.6	38.4	32	32.3	32	29.2	23.8
46.6	34.4	26.9	24.2	22.9	21.1	22.1	23.6	24.1	38.5	37.6	42.6	38.4	32	32.3	32	29.2	23.8
32.5	29.7	26.2	22.1	18.2	14	11.1	10.5	11.1	47.3	46.3	46.7	47.3	49.3	49	51.7	51.7	51.3
31.8	29	25.2	21.1	17.3	13.1	10.7	10.3	11.1	51.3	50	49	48.7	49.7	49.7	51.8	51.3	50.9
31.9	29	25.1	20.8	16.9	12.9	10.6	10.3	11.1	48.6	47.2	47.7	48.3	50.1	50.3	52.2	51	50.4
33	30.1	26.5	22.2	18.3	14	11	10.5	11.2	49.3	48.1	48	48.3	50.5	49.8	51.6	50.9	50.7
31.5	28.2	24.2	19.5	15.5	11.5	9.9	10.1	10.9	51.5	50.2	49.7	50	50	50.6	53.3	52.1	51
32.4	29.3	25.4	21	16.9	12.2	10	10.1	10.9	51.2	49.6	48.5	48.2	48.2	49.1	51.8	50.8	49.8
30.4	27.2	23.3	18.7	14.6	11	9.9	9.9	10.7	53.5	51.8	50.3	49.4	48.7	49.2	51.9	51.2	50.1
30.3	27.1	23	18.5	14.3	10.8	9.9	9.9	10.7	50.3	48.7	48.7	48.8	48.6	49.6	51.9	50.5	49.9
29.2	25.7	21.4	16.8	12.8	10	9.8	9.9	10.7	36.3	37.6	40.2	42.2	43.9	46.4	48.8	47.7	47.9
27.8	24.1	19.8	15.2	11.6	9.9	9.8	9.8	10.6	40	40.8	43	44.4	45	47	48.8	47.2	47.2
25.7	21.8	17.1	12.8	10	9.8	9.8	9.8	10.5	49.5	48.1	47.5	47.5	46.9	46.8	47.6	46.1	45.7
25.1	21.9	17.7	13.2	10.2	9.8	9.8	9.8	10.5	53.2	51	49.2	48.2	47.2	47.4	47.5	46	46
23.1	19.6	15.8	11.9	9.9	9.8	9.8	9.8	10.5	33.2	34.2	36.3	38.4	40.1	42.8	42	40.1	42.2

50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1.0 kHz	1.25 kHz	1.6 kHz	2.0 kHz	2.5 kHz	3.15 kHz
21.7	24.6	24.4	23.1	24.1	18.6	20.5	22.2	21.3	55	63	74	93.2	113.8	93.4	74	62.8	49	46.6
21.7	24.6	24.4	23.1	24.1	18.6	20.5	22.2	21.3	55	63	74	93.2	113.8	93.4	74	62.8	49	46.6
51.4	50.8	50.1	48.4	47.2	46.4	45.5	45.2	44.8	43.1	43.2	42.7	43.3	43.3	42	40.5	38	34.4	31.3
51.8	51.2	50.5	48.7	47.1	45.9	45.2	45.1	44.5	43	43	42.4	42.9	43.1	41.9	40.1	37.5	33.9	30.7
51.8	50.9	50.1	47.8	46.6	44.8	44.4	44.5	44.1	42.7	43	42.4	43.1	43.2	42	40.2	37.6	33.8	30.6
51.2	50.9	49.4	47.1	46.1	44.5	44	44.2	44	42.7	43.4	43	44	44.1	43.1	41.5	38.8	35.1	31.8
51.5	50.2	48.5	46.5	45.4	44.2	43.6	43.9	43.6	42.4	42.7	42.3	43.3	43.3	42.1	40.6	37.8	33.8	30.3
50.5	49.4	47.8	45.9	44.9	43.4	43	43.6	43.4	42	42.2	42.2	43.2	43.5	42.5	41.2	38.5	34.6	31.3
50.2	49.7	48.4	46.3	45.5	43.6	42.8	42.9	42.7	41.1	41.2	40.9	42.5	42.8	41.6	40.1	37.2	33.1	29.6
50.5	49.7	48.1	46.3	45.5	43.5	42.9	43	42.4	41	41.1	41	42.6	43.1	41.8	40.2	37.3	33	29.3
48.3	48.3	47.1	45.4	44.6	42.9	42.4	42.3	41.9	40.6	40.6	40.5	42.2	42.7	41	39.4	36.4	32	27.9
47.3	47.2	45.9	44.5	44.1	42.2	41.9	41.8	41.3	39.7	39.8	39.7	41.7	42.1	40.2	38.6	35.4	30.5	26.3
45.9	45.3	44.3	43.4	42.9	41.5	41	41.1	40.4	38.9	38.9	38.8	40.7	40.9	38.9	36.9	33.3	28.2	24
45.4	44	42.9	42	41.4	40.5	39.9	39.9	39.3	37.5	37.5	37.6	39.6	39.8	37.7	35.7	32	27	23.4
40.7	40.2	40.5	39.7	40.1	39.8	37.9	37.6	36.7	35.1	35.6	36.4	38	37.6	35.1	32.8	29.2	24.5	22

4.0 kHz	5.0 kHz	6.3 kHz	8.0 kHz	10.0 kHz	12.5 kHz	16.0 kHz	20.0 kHz
34.4	26.9	24.1	22.8	21	22	23.5	24.1
34.4	26.9	24.1	22.8	21	22	23.5	24.1
28.4	25	20.9	17.1	13.1	10.7	10.3	11
28	24.2	20.2	16.4	12.5	10.4	10.2	11
27.9	24	19.9	15.9	12.1	10.3	10.2	11
28.9	25.1	20.9	17.1	13	10.5	10.3	11.1
27.1	23	18.4	14.5	10.9	9.9	10	10.8
28.2	24.2	19.8	15.8	11.4	9.9	9.9	10.8
26.5	22.4	17.9	13.9	10.5	9.8	9.8	10.6
26.2	22.1	17.5	13.5	10.4	9.8	9.8	10.6
24.4	20.2	15.6	11.9	9.9	9.8	9.8	10.6
22.8	18.5	14.1	10.9	9.9	9.8	9.8	10.6
20.1	15.6	11.7	9.9	9.8	9.8	9.8	10.5
20	15.9	11.7	9.9	9.8	9.8	9.8	10.5
18.4	13.8	10.4	9.9	9.8	9.8	9.8	10.5