Annex I (U-NII-2C)

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Summary of detected test trails:

HT20-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

HT40-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

VHT80-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	-	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

Detailed pulse parameters:

Radar Type 1 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 1 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 1 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 2 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 2 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 2 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 3 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 3 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 3 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 4 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 4 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 4 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 5 – HT20-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	
9	16	95	20	1130		446.5	

10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	
7	11	88.2	12	1308		792.965	

8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							
1	16	77.6	12	1080	1698	664.705	

2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	
6	19	82.4	7	1630		130.375	

7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	
9	17	62.5	8	1844		163.851	

10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	
8	14	76.4	13	1761	1048	835.31	

9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	
14	18	58.6	6	1594		483.673	

15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 5 – HT40-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	
9	16	95	20	1130		446.5	

10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	
7	11	88.2	12	1308		792.965	

8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							
1	16	77.6	12	1080	1698	664.705	

2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	
6	19	82.4	7	1630		130.375	

7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	
9	17	62.5	8	1844		163.851	

10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	
8	14	76.4	13	1761	1048	835.31	

9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	
14	18	58.6	6	1594		483.673	

15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 5 – VHT80-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	

9	16	95	20	1130		446.5	
10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	

7	11	88.2	12	1308		792.965	
8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							

1	16	77.6	12	1080	1698	664.705	
2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	

6	19	82.4	7	1630		130.375	
7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	

9	17	62.5	8	1844		163.851	
10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	

8	14	76.4	13	1761	1048	835.31	
9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	

14	18	58.6	6	1594		483.673	
15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 6 – HT20-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Comments
Trail 1					
1	5.5	5.441	20		
2	5.5	5.53	20		
3	5.5	5.496	20	*	
4	5.5	5.612	20		
5	5.5	5.37	20		
6	5.5	5.387	20		
7	5.5	5.527	20		
8	5.5	5.38	20		
9	5.5	5.334	20		
10	5.5	5.681	20		
11	5.5	5.645	20		
12	5.5	5.389	20		
13	5.5	5.365	20		
14	5.5	5.543	20		
15	5.5	5.264	20		
16	5.5	5.359	20		
17	5.5	5.504	20	*	
18	5.5	5.525	20		
19	5.5	5.341	20		
20	5.5	5.684	20		
21	5.5	5.66	20		
22	5.5	5.303	20		
23	5.5	5.484	20		
24	5.5	5.537	20		
25	5.5	5.305	20		
26	5.5	5.64	20		
27	5.5	5.296	20		
28	5.5	5.663	20		
29	5.5	5.366	20		
30	5.5	5.682	20		
31	5.5	5.405	20		
32	5.5	5.293	20		
33	5.5	5.386	20		
34	5.5	5.489	20		
35	5.5	5.516	20		
36	5.5	5.446	20		
37	5.5	5.47	20		
38	5.5	5.592	20		
39	5.5	5.631	20		
40	5.5	5.457	20		
41	5.5	5.493	20	*	
42	5.5	5.279	20		
43	5.5	5.277	20		
44	5.5	5.258	20		
45	5.5	5.599	20		
46	5.5	5.6	20		
47	5.5	5.41	20		
48	5.5	5.477	20		
49	5.5	5.689	20		
50	5.5	5.582	20		

51	5.5	5.523	20		
52	5.5	5.693	20		
53	5.5	5.572	20		
54	5.5	5.488	20		
55	5.5	5.466	20		
56	5.5	5.652	20		
57	5.5	5.584	20		
58	5.5	5.626	20		
59	5.5	5.724	20		
60	5.5	5.709	20		
61	5.5	5.411	20		
62	5.5	5.718	20		
63	5.5	5.579	20		
64	5.5	5.559	20		
65	5.5	5.27	20		
66	5.5	5.311	20		
67	5.5	5.562	20		
68	5.5	5.261	20		
69	5.5	5.558	20		
70	5.5	5.319	20		
71	5.5	5.418	20		
72	5.5	5.462	20		
73	5.5	5.272	20		
74	5.5	5.623	20		
75	5.5	5.435	20		
76	5.5	5.481	20		
77	5.5	5.461	20		
78	5.5	5.314	20		
79	5.5	5.287	20		
80	5.5	5.509	20	*	
81	5.5	5.332	20		
82	5.5	5.351	20		
83	5.5	5.408	20		
84	5.5	5.259	20		
85	5.5	5.433	20		
86	5.5	5.379	20		
87	5.5	5.464	20		
88	5.5	5.307	20		
89	5.5	5.611	20		
90	5.5	5.26	20		
91	5.5	5.253	20		
92	5.5	5.36	20		
93	5.5	5.662	20		
94	5.5	5.294	20		
95	5.5	5.647	20		
96	5.5	5.702	20		
97	5.5	5.324	20		
98	5.5	5.399	20		
99	5.5	5.677	20		
100	5.5	5.252	20		
Trail 2					
1	5.5	5.555	20		
2	5.5	5.362	20		
3	5.5	5.538	20		
4	5.5	5.314	20		
5	5.5	5.288	20		
6	5.5	5.375	20		

7	5.5	5.394	20		
8	5.5	5.398	20		
9	5.5	5.63	20		
10	5.5	5.333	20		
11	5.5	5.316	20		
12	5.5	5.507	20	*	
13	5.5	5.366	20		
14	5.5	5.476	20		
15	5.5	5.298	20		
16	5.5	5.329	20		
17	5.5	5.694	20		
18	5.5	5.658	20		
19	5.5	5.309	20		
20	5.5	5.434	20		
21	5.5	5.629	20		
22	5.5	5.378	20		
23	5.5	5.511	20		
24	5.5	5.318	20		
25	5.5	5.634	20		
26	5.5	5.302	20		
27	5.5	5.422	20		
28	5.5	5.25	20		
29	5.5	5.693	20		
30	5.5	5.66	20		
31	5.5	5.371	20		
32	5.5	5.443	20		
33	5.5	5.406	20		
34	5.5	5.503	20	*	
35	5.5	5.516	20		
36	5.5	5.264	20		
37	5.5	5.439	20		
38	5.5	5.322	20		
39	5.5	5.27	20		
40	5.5	5.724	20		
41	5.5	5.46	20		
42	5.5	5.297	20		
43	5.5	5.504	20	*	
44	5.5	5.491	20	*	
45	5.5	5.554	20		
46	5.5	5.566	20		
47	5.5	5.479	20		
48	5.5	5.381	20		
49	5.5	5.345	20		
50	5.5	5.447	20		
51	5.5	5.67	20		
52	5.5	5.397	20		
53	5.5	5.267	20		
54	5.5	5.502	20	*	
55	5.5	5.58	20		
56	5.5	5.603	20		
57	5.5	5.643	20		
58	5.5	5.57	20		
59	5.5	5.718	20		
60	5.5	5.528	20		
61	5.5	5.488	20		
62	5.5	5.592	20		
63	5.5	5.275	20		

64	5.5	5.357	20		
65	5.5	5.258	20		
66	5.5	5.616	20		
67	5.5	5.696	20		
68	5.5	5.455	20		
69	5.5	5.332	20		
70	5.5	5.567	20		
71	5.5	5.277	20		
72	5.5	5.723	20		
73	5.5	5.708	20		
74	5.5	5.39	20		
75	5.5	5.374	20		
76	5.5	5.296	20		
77	5.5	5.261	20		
78	5.5	5.676	20		
79	5.5	5.254	20		
80	5.5	5.294	20		
81	5.5	5.595	20		
82	5.5	5.59	20		
83	5.5	5.266	20		
84	5.5	5.515	20		
85	5.5	5.393	20		
86	5.5	5.526	20		
87	5.5	5.559	20		
88	5.5	5.313	20		
89	5.5	5.661	20		
90	5.5	5.683	20		
91	5.5	5.276	20		
92	5.5	5.613	20		
93	5.5	5.656	20		
94	5.5	5.711	20		
95	5.5	5.41	20		
96	5.5	5.463	20		
97	5.5	5.286	20		
98	5.5	5.446	20		
99	5.5	5.606	20		
100	5.5	5.346	20		
Trail 3					
1	5.5	5.36	20		
2	5.5	5.291	20		
3	5.5	5.262	20		
4	5.5	5.372	20		
5	5.5	5.653	20		
6	5.5	5.554	20		
7	5.5	5.271	20		
8	5.5	5.259	20		
9	5.5	5.362	20		
10	5.5	5.371	20		
11	5.5	5.516	20		
12	5.5	5.508	20	*	
13	5.5	5.382	20		
14	5.5	5.702	20		
15	5.5	5.396	20		
16	5.5	5.408	20		
17	5.5	5.529	20		
18	5.5	5.462	20		
19	5.5	5.287	20		

20	5.5	5.274	20		
21	5.5	5.637	20		
22	5.5	5.473	20		
23	5.5	5.604	20		
24	5.5	5.718	20		
25	5.5	5.699	20		
26	5.5	5.534	20		
27	5.5	5.471	20		
28	5.5	5.559	20		
29	5.5	5.581	20		
30	5.5	5.452	20		
31	5.5	5.585	20		
32	5.5	5.606	20		
33	5.5	5.639	20		
34	5.5	5.315	20		
35	5.5	5.578	20		
36	5.5	5.682	20		
37	5.5	5.62	20		
38	5.5	5.522	20		
39	5.5	5.457	20		
40	5.5	5.705	20		
41	5.5	5.63	20		
42	5.5	5.576	20		
43	5.5	5.613	20		
44	5.5	5.712	20		
45	5.5	5.588	20		
46	5.5	5.419	20		
47	5.5	5.654	20		
48	5.5	5.714	20		
49	5.5	5.56	20		
50	5.5	5.481	20		
51	5.5	5.392	20		
52	5.5	5.681	20		
53	5.5	5.491	20	*	
54	5.5	5.322	20		
55	5.5	5.558	20		
56	5.5	5.421	20		
57	5.5	5.438	20		
58	5.5	5.251	20		
59	5.5	5.31	20		
60	5.5	5.668	20		
61	5.5	5.4	20		
62	5.5	5.582	20		
63	5.5	5.284	20		
64	5.5	5.692	20		
65	5.5	5.601	20		
66	5.5	5.349	20		
67	5.5	5.531	20		
68	5.5	5.572	20		
69	5.5	5.338	20		
70	5.5	5.383	20		
71	5.5	5.352	20		
72	5.5	5.611	20		
73	5.5	5.504	20	*	
74	5.5	5.527	20		
75	5.5	5.703	20		
76	5.5	5.687	20		

77	5.5	5.547	20		
78	5.5	5.356	20		
79	5.5	5.573	20		
80	5.5	5.453	20		
81	5.5	5.342	20		
82	5.5	5.575	20		
83	5.5	5.696	20		
84	5.5	5.544	20		
85	5.5	5.264	20		
86	5.5	5.493	20	*	
87	5.5	5.686	20		
88	5.5	5.643	20		
89	5.5	5.348	20		
90	5.5	5.648	20		
91	5.5	5.583	20		
92	5.5	5.339	20		
93	5.5	5.366	20		
94	5.5	5.616	20		
95	5.5	5.282	20		
96	5.5	5.387	20		
97	5.5	5.301	20		
98	5.5	5.364	20		
99	5.5	5.432	20		
100	5.5	5.506	20	*	
Trail 4					
1	5.5	5.43	20		
2	5.5	5.675	20		
3	5.5	5.36	20		
4	5.5	5.721	20		
5	5.5	5.594	20		
6	5.5	5.393	20		
7	5.5	5.422	20		
8	5.5	5.491	20	*	
9	5.5	5.292	20		
10	5.5	5.573	20		
11	5.5	5.678	20		
12	5.5	5.553	20		
13	5.5	5.291	20		
14	5.5	5.37	20		
15	5.5	5.4	20		
16	5.5	5.497	20	*	
17	5.5	5.45	20		
18	5.5	5.584	20		
19	5.5	5.682	20		
20	5.5	5.495	20	*	
21	5.5	5.56	20		
22	5.5	5.664	20		
23	5.5	5.442	20		
24	5.5	5.472	20		
25	5.5	5.26	20		
26	5.5	5.516	20		
27	5.5	5.555	20		
28	5.5	5.562	20		
29	5.5	5.622	20		
30	5.5	5.373	20		
31	5.5	5.466	20		
32	5.5	5.522	20		

33	5.5	5.298	20		
34	5.5	5.72	20		
35	5.5	5.387	20		
36	5.5	5.263	20		
37	5.5	5.498	20	*	
38	5.5	5.485	20		
39	5.5	5.548	20		
40	5.5	5.378	20		
41	5.5	5.683	20		
42	5.5	5.559	20		
43	5.5	5.458	20		
44	5.5	5.714	20		
45	5.5	5.337	20		
46	5.5	5.52	20		
47	5.5	5.377	20		
48	5.5	5.581	20		
49	5.5	5.463	20		
50	5.5	5.617	20		
51	5.5	5.636	20		
52	5.5	5.315	20		
53	5.5	5.329	20		
54	5.5	5.445	20		
55	5.5	5.554	20		
56	5.5	5.496	20	*	
57	5.5	5.609	20		
58	5.5	5.7	20		
59	5.5	5.521	20		
60	5.5	5.687	20		
61	5.5	5.396	20		
62	5.5	5.493	20	*	
63	5.5	5.565	20		
64	5.5	5.29	20		
65	5.5	5.477	20		
66	5.5	5.679	20		
67	5.5	5.371	20		
68	5.5	5.481	20		
69	5.5	5.394	20		
70	5.5	5.331	20		
71	5.5	5.525	20		
72	5.5	5.57	20		
73	5.5	5.647	20		
74	5.5	5.702	20		
75	5.5	5.277	20		
76	5.5	5.5	20	*	
77	5.5	5.306	20		
78	5.5	5.534	20		
79	5.5	5.342	20		
80	5.5	5.408	20		
81	5.5	5.275	20		
82	5.5	5.385	20		
83	5.5	5.464	20		
84	5.5	5.66	20		
85	5.5	5.645	20		
86	5.5	5.427	20		
87	5.5	5.628	20		
88	5.5	5.569	20		
89	5.5	5.355	20		

90	5.5	5.339	20		
91	5.5	5.351	20		
92	5.5	5.667	20		
93	5.5	5.439	20		
94	5.5	5.611	20		
95	5.5	5.655	20		
96	5.5	5.386	20		
97	5.5	5.39	20		
98	5.5	5.484	20		
99	5.5	5.259	20		
100	5.5	5.596	20		
Trail 5					
1	5.5	5.46	20		
2	5.5	5.433	20		
3	5.5	5.485	20		
4	5.5	5.313	20		
5	5.5	5.417	20		
6	5.5	5.721	20		
7	5.5	5.285	20		
8	5.5	5.355	20		
9	5.5	5.474	20		
10	5.5	5.535	20		
11	5.5	5.379	20		
12	5.5	5.371	20		
13	5.5	5.591	20		
14	5.5	5.648	20		
15	5.5	5.418	20		
16	5.5	5.715	20		
17	5.5	5.403	20		
18	5.5	5.678	20		
19	5.5	5.527	20		
20	5.5	5.675	20		
21	5.5	5.312	20		
22	5.5	5.546	20		
23	5.5	5.638	20		
24	5.5	5.256	20		
25	5.5	5.32	20		
26	5.5	5.57	20		
27	5.5	5.349	20		
28	5.5	5.279	20		
29	5.5	5.457	20		
30	5.5	5.701	20		
31	5.5	5.679	20		
32	5.5	5.353	20		
33	5.5	5.476	20		
34	5.5	5.301	20		
35	5.5	5.632	20		
36	5.5	5.717	20		
37	5.5	5.263	20		
38	5.5	5.54	20		
39	5.5	5.265	20		
40	5.5	5.255	20		
41	5.5	5.34	20		
42	5.5	5.564	20		
43	5.5	5.601	20		
44	5.5	5.525	20		
45	5.5	5.635	20		

46	5.5	5.451	20		
47	5.5	5.431	20		
48	5.5	5.42	20		
49	5.5	5.447	20		
50	5.5	5.588	20		
51	5.5	5.299	20		
52	5.5	5.622	20		
53	5.5	5.538	20		
54	5.5	5.283	20		
55	5.5	5.551	20		
56	5.5	5.637	20		
57	5.5	5.67	20		
58	5.5	5.548	20		
59	5.5	5.519	20		
60	5.5	5.275	20		
61	5.5	5.684	20		
62	5.5	5.593	20		
63	5.5	5.251	20		
64	5.5	5.695	20		
65	5.5	5.557	20		
66	5.5	5.688	20		
67	5.5	5.489	20		
68	5.5	5.633	20		
69	5.5	5.404	20		
70	5.5	5.508	20	*	
71	5.5	5.68	20		
72	5.5	5.673	20		
73	5.5	5.308	20		
74	5.5	5.334	20		
75	5.5	5.65	20		
76	5.5	5.72	20		
77	5.5	5.343	20		
78	5.5	5.521	20		
79	5.5	5.498	20	*	
80	5.5	5.621	20		
81	5.5	5.278	20		
82	5.5	5.449	20		
83	5.5	5.307	20		
84	5.5	5.713	20		
85	5.5	5.544	20		
86	5.5	5.466	20		
87	5.5	5.501	20	*	
88	5.5	5.35	20		
89	5.5	5.443	20		
90	5.5	5.552	20		
91	5.5	5.286	20		
92	5.5	5.437	20		
93	5.5	5.649	20		
94	5.5	5.463	20		
95	5.5	5.608	20		
96	5.5	5.653	20		
97	5.5	5.287	20		
98	5.5	5.569	20		
99	5.5	5.577	20		
100	5.5	5.419	20		
Trail 6					
1	5.5	5.573	20		

2	5.5	5.317	20		
3	5.5	5.468	20		
4	5.5	5.574	20		
5	5.5	5.623	20		
6	5.5	5.479	20		
7	5.5	5.456	20		
8	5.5	5.402	20		
9	5.5	5.35	20		
10	5.5	5.513	20		
11	5.5	5.681	20		
12	5.5	5.262	20		
13	5.5	5.51	20	*	
14	5.5	5.454	20		
15	5.5	5.296	20		
16	5.5	5.357	20		
17	5.5	5.518	20		
18	5.5	5.381	20		
19	5.5	5.557	20		
20	5.5	5.684	20		
21	5.5	5.575	20		
22	5.5	5.268	20		
23	5.5	5.666	20		
24	5.5	5.276	20		
25	5.5	5.462	20		
26	5.5	5.545	20		
27	5.5	5.482	20		
28	5.5	5.653	20		
29	5.5	5.472	20		
30	5.5	5.512	20		
31	5.5	5.303	20		
32	5.5	5.638	20		
33	5.5	5.319	20		
34	5.5	5.345	20		
35	5.5	5.625	20		
36	5.5	5.627	20		
37	5.5	5.324	20		
38	5.5	5.269	20		
39	5.5	5.724	20		
40	5.5	5.477	20		
41	5.5	5.635	20		
42	5.5	5.278	20		
43	5.5	5.318	20		
44	5.5	5.72	20		
45	5.5	5.559	20		
46	5.5	5.37	20		
47	5.5	5.301	20		
48	5.5	5.598	20		
49	5.5	5.46	20		
50	5.5	5.577	20		
51	5.5	5.553	20		
52	5.5	5.369	20		
53	5.5	5.507	20	*	
54	5.5	5.648	20		
55	5.5	5.593	20		
56	5.5	5.579	20		
57	5.5	5.355	20		
58	5.5	5.406	20		

59	5.5	5.252	20		
60	5.5	5.534	20		
61	5.5	5.532	20		
62	5.5	5.61	20		
63	5.5	5.251	20		
64	5.5	5.351	20		
65	5.5	5.713	20		
66	5.5	5.669	20		
67	5.5	5.62	20		
68	5.5	5.701	20		
69	5.5	5.326	20		
70	5.5	5.399	20		
71	5.5	5.451	20		
72	5.5	5.664	20		
73	5.5	5.668	20		
74	5.5	5.639	20		
75	5.5	5.316	20		
76	5.5	5.364	20		
77	5.5	5.599	20		
78	5.5	5.619	20		
79	5.5	5.388	20		
80	5.5	5.476	20		
81	5.5	5.578	20		
82	5.5	5.391	20		
83	5.5	5.431	20		
84	5.5	5.263	20		
85	5.5	5.661	20		
86	5.5	5.643	20		
87	5.5	5.337	20		
88	5.5	5.349	20		
89	5.5	5.714	20		
90	5.5	5.572	20		
91	5.5	5.547	20		
92	5.5	5.646	20		
93	5.5	5.45	20		
94	5.5	5.275	20		
95	5.5	5.708	20		
96	5.5	5.702	20		
97	5.5	5.385	20		
98	5.5	5.704	20		
99	5.5	5.281	20		
100	5.5	5.604	20		
Trail 7					
1	5.5	5.525	20		
2	5.5	5.679	20		
3	5.5	5.254	20		
4	5.5	5.301	20		
5	5.5	5.522	20		
6	5.5	5.419	20		
7	5.5	5.348	20		
8	5.5	5.678	20		
9	5.5	5.433	20		
10	5.5	5.517	20		
11	5.5	5.687	20		
12	5.5	5.459	20		
13	5.5	5.597	20		
14	5.5	5.352	20		

15	5.5	5.617	20		
16	5.5	5.259	20		
17	5.5	5.562	20		
18	5.5	5.285	20		
19	5.5	5.557	20		
20	5.5	5.351	20		
21	5.5	5.286	20		
22	5.5	5.658	20		
23	5.5	5.341	20		
24	5.5	5.715	20		
25	5.5	5.549	20		
26	5.5	5.292	20		
27	5.5	5.65	20		
28	5.5	5.463	20		
29	5.5	5.703	20		
30	5.5	5.578	20		
31	5.5	5.279	20		
32	5.5	5.376	20		
33	5.5	5.28	20		
34	5.5	5.685	20		
35	5.5	5.672	20		
36	5.5	5.271	20		
37	5.5	5.71	20		
38	5.5	5.714	20		
39	5.5	5.399	20		
40	5.5	5.277	20		
41	5.5	5.545	20		
42	5.5	5.585	20		
43	5.5	5.262	20		
44	5.5	5.551	20		
45	5.5	5.326	20		
46	5.5	5.287	20		
47	5.5	5.488	20		
48	5.5	5.371	20		
49	5.5	5.706	20		
50	5.5	5.312	20		
51	5.5	5.49	20	*	
52	5.5	5.563	20		
53	5.5	5.677	20		
54	5.5	5.59	20		
55	5.5	5.486	20		
56	5.5	5.568	20		
57	5.5	5.594	20		
58	5.5	5.536	20		
59	5.5	5.472	20		
60	5.5	5.303	20		
61	5.5	5.349	20		
62	5.5	5.69	20		
63	5.5	5.283	20		
64	5.5	5.655	20		
65	5.5	5.332	20		
66	5.5	5.698	20		
67	5.5	5.305	20		
68	5.5	5.692	20		
69	5.5	5.252	20		
70	5.5	5.657	20		
71	5.5	5.511	20		

72	5.5	5.686	20		
73	5.5	5.458	20		
74	5.5	5.434	20		
75	5.5	5.421	20		
76	5.5	5.641	20		
77	5.5	5.595	20		
78	5.5	5.251	20		
79	5.5	5.289	20		
80	5.5	5.401	20		
81	5.5	5.676	20		
82	5.5	5.622	20		
83	5.5	5.518	20		
84	5.5	5.282	20		
85	5.5	5.669	20		
86	5.5	5.613	20		
87	5.5	5.524	20		
88	5.5	5.403	20		
89	5.5	5.405	20		
90	5.5	5.572	20		
91	5.5	5.373	20		
92	5.5	5.298	20		
93	5.5	5.642	20		
94	5.5	5.382	20		
95	5.5	5.362	20		
96	5.5	5.484	20		
97	5.5	5.573	20		
98	5.5	5.709	20		
99	5.5	5.632	20		
100	5.5	5.328	20		
Trail 8					
1	5.5	5.552	20		
2	5.5	5.386	20		
3	5.5	5.667	20		
4	5.5	5.677	20		
5	5.5	5.416	20		
6	5.5	5.706	20		
7	5.5	5.694	20		
8	5.5	5.321	20		
9	5.5	5.328	20		
10	5.5	5.46	20		
11	5.5	5.618	20		
12	5.5	5.365	20		
13	5.5	5.565	20		
14	5.5	5.258	20		
15	5.5	5.559	20		
16	5.5	5.544	20		
17	5.5	5.707	20		
18	5.5	5.692	20		
19	5.5	5.34	20		
20	5.5	5.586	20		
21	5.5	5.593	20		
22	5.5	5.603	20		
23	5.5	5.302	20		
24	5.5	5.264	20		
25	5.5	5.69	20		
26	5.5	5.351	20		
27	5.5	5.289	20		

28	5.5	5.418	20		
29	5.5	5.288	20		
30	5.5	5.407	20		
31	5.5	5.629	20		
32	5.5	5.483	20		
33	5.5	5.547	20		
34	5.5	5.635	20		
35	5.5	5.604	20		
36	5.5	5.428	20		
37	5.5	5.401	20		
38	5.5	5.6	20		
39	5.5	5.426	20		
40	5.5	5.371	20		
41	5.5	5.461	20		
42	5.5	5.399	20		
43	5.5	5.508	20	*	
44	5.5	5.661	20		
45	5.5	5.362	20		
46	5.5	5.631	20		
47	5.5	5.724	20		
48	5.5	5.349	20		
49	5.5	5.295	20		
50	5.5	5.678	20		
51	5.5	5.408	20		
52	5.5	5.454	20		
53	5.5	5.546	20		
54	5.5	5.479	20		
55	5.5	5.691	20		
56	5.5	5.383	20		
57	5.5	5.669	20		
58	5.5	5.524	20		
59	5.5	5.683	20		
60	5.5	5.53	20		
61	5.5	5.467	20		
62	5.5	5.484	20		
63	5.5	5.27	20		
64	5.5	5.515	20		
65	5.5	5.406	20		
66	5.5	5.329	20		
67	5.5	5.542	20		
68	5.5	5.447	20		
69	5.5	5.673	20		
70	5.5	5.345	20		
71	5.5	5.274	20		
72	5.5	5.579	20		
73	5.5	5.437	20		
74	5.5	5.309	20		
75	5.5	5.503	20	*	
76	5.5	5.39	20		
77	5.5	5.493	20	*	
78	5.5	5.535	20		
79	5.5	5.475	20		
80	5.5	5.409	20		
81	5.5	5.414	20		
82	5.5	5.293	20		
83	5.5	5.404	20		
84	5.5	5.578	20		

85	5.5	5.417	20		
86	5.5	5.308	20		
87	5.5	5.366	20		
88	5.5	5.521	20		
89	5.5	5.262	20		
90	5.5	5.651	20		
91	5.5	5.558	20		
92	5.5	5.32	20		
93	5.5	5.591	20		
94	5.5	5.674	20		
95	5.5	5.403	20		
96	5.5	5.331	20		
97	5.5	5.699	20		
98	5.5	5.385	20		
99	5.5	5.672	20		
100	5.5	5.609	20		
Trail 9					
1	5.5	5.461	20		
2	5.5	5.587	20		
3	5.5	5.36	20		
4	5.5	5.519	20		
5	5.5	5.329	20		
6	5.5	5.338	20		
7	5.5	5.688	20		
8	5.5	5.424	20		
9	5.5	5.28	20		
10	5.5	5.348	20		
11	5.5	5.392	20		
12	5.5	5.634	20		
13	5.5	5.71	20		
14	5.5	5.571	20		
15	5.5	5.673	20		
16	5.5	5.615	20		
17	5.5	5.474	20		
18	5.5	5.685	20		
19	5.5	5.423	20		
20	5.5	5.638	20		
21	5.5	5.274	20		
22	5.5	5.443	20		
23	5.5	5.562	20		
24	5.5	5.665	20		
25	5.5	5.409	20		
26	5.5	5.464	20		
27	5.5	5.42	20		
28	5.5	5.287	20		
29	5.5	5.654	20		
30	5.5	5.307	20		
31	5.5	5.301	20		
32	5.5	5.337	20		
33	5.5	5.597	20		
34	5.5	5.369	20		
35	5.5	5.328	20		
36	5.5	5.358	20		
37	5.5	5.487	20		
38	5.5	5.632	20		
39	5.5	5.56	20		
40	5.5	5.696	20		

41	5.5	5.254	20		
42	5.5	5.401	20		
43	5.5	5.334	20		
44	5.5	5.451	20		
45	5.5	5.321	20		
46	5.5	5.564	20		
47	5.5	5.706	20		
48	5.5	5.525	20		
49	5.5	5.271	20		
50	5.5	5.263	20		
51	5.5	5.534	20		
52	5.5	5.648	20		
53	5.5	5.44	20		
54	5.5	5.35	20		
55	5.5	5.655	20		
56	5.5	5.445	20		
57	5.5	5.312	20		
58	5.5	5.689	20		
59	5.5	5.711	20		
60	5.5	5.496	20	*	
61	5.5	5.713	20		
62	5.5	5.679	20		
63	5.5	5.622	20		
64	5.5	5.442	20		
65	5.5	5.315	20		
66	5.5	5.359	20		
67	5.5	5.498	20	*	
68	5.5	5.505	20	*	
69	5.5	5.273	20		
70	5.5	5.454	20		
71	5.5	5.536	20		
72	5.5	5.624	20		
73	5.5	5.37	20		
74	5.5	5.352	20		
75	5.5	5.544	20		
76	5.5	5.324	20		
77	5.5	5.663	20		
78	5.5	5.541	20		
79	5.5	5.527	20		
80	5.5	5.408	20		
81	5.5	5.509	20	*	
82	5.5	5.721	20		
83	5.5	5.253	20		
84	5.5	5.437	20		
85	5.5	5.566	20		
86	5.5	5.391	20		
87	5.5	5.364	20		
88	5.5	5.606	20		
89	5.5	5.703	20		
90	5.5	5.623	20		
91	5.5	5.714	20		
92	5.5	5.473	20		
93	5.5	5.475	20		
94	5.5	5.422	20		
95	5.5	5.275	20		
96	5.5	5.361	20		
97	5.5	5.637	20		

98	5.5	5.625	20		
99	5.5	5.495	20	*	
100	5.5	5.314	20		
Trail 10					
1	5.5	5.61	20		
2	5.5	5.706	20		
3	5.5	5.492	20	*	
4	5.5	5.666	20		
5	5.5	5.605	20		
6	5.5	5.382	20		
7	5.5	5.563	20		
8	5.5	5.679	20		
9	5.5	5.325	20		
10	5.5	5.479	20		
11	5.5	5.402	20		
12	5.5	5.693	20		
13	5.5	5.291	20		
14	5.5	5.25	20		
15	5.5	5.489	20		
16	5.5	5.633	20		
17	5.5	5.506	20	*	
18	5.5	5.533	20		
19	5.5	5.436	20		
20	5.5	5.553	20		
21	5.5	5.716	20		
22	5.5	5.589	20		
23	5.5	5.307	20		
24	5.5	5.477	20		
25	5.5	5.529	20		
26	5.5	5.356	20		
27	5.5	5.514	20		
28	5.5	5.697	20		
29	5.5	5.625	20		
30	5.5	5.351	20		
31	5.5	5.673	20		
32	5.5	5.63	20		
33	5.5	5.392	20		
34	5.5	5.646	20		
35	5.5	5.461	20		
36	5.5	5.328	20		
37	5.5	5.643	20		
38	5.5	5.423	20		
39	5.5	5.266	20		
40	5.5	5.365	20		
41	5.5	5.52	20		
42	5.5	5.537	20		
43	5.5	5.498	20	*	
44	5.5	5.383	20		
45	5.5	5.464	20		
46	5.5	5.306	20		
47	5.5	5.718	20		
48	5.5	5.446	20		
49	5.5	5.457	20		
50	5.5	5.549	20		
51	5.5	5.326	20		
52	5.5	5.315	20		
53	5.5	5.712	20		

54	5.5	5.401	20		
55	5.5	5.648	20		
56	5.5	5.672	20		
57	5.5	5.72	20		
58	5.5	5.548	20		
59	5.5	5.413	20		
60	5.5	5.38	20		
61	5.5	5.348	20		
62	5.5	5.255	20		
63	5.5	5.256	20		
64	5.5	5.469	20		
65	5.5	5.463	20		
66	5.5	5.515	20		
67	5.5	5.511	20		
68	5.5	5.528	20		
69	5.5	5.612	20		
70	5.5	5.437	20		
71	5.5	5.685	20		
72	5.5	5.268	20		
73	5.5	5.354	20		
74	5.5	5.561	20		
75	5.5	5.668	20		
76	5.5	5.568	20		
77	5.5	5.482	20		
78	5.5	5.59	20		
79	5.5	5.304	20		
80	5.5	5.524	20		
81	5.5	5.46	20		
82	5.5	5.604	20		
83	5.5	5.544	20		
84	5.5	5.649	20		
85	5.5	5.596	20		
86	5.5	5.252	20		
87	5.5	5.279	20		
88	5.5	5.505	20	*	
89	5.5	5.253	20		
90	5.5	5.272	20		
91	5.5	5.594	20		
92	5.5	5.281	20		
93	5.5	5.545	20		
94	5.5	5.399	20		
95	5.5	5.35	20		
96	5.5	5.269	20		
97	5.5	5.675	20		
98	5.5	5.319	20		
99	5.5	5.305	20		
100	5.5	5.674	20		
Trail 11					
1	5.5	5.5	20	*	
2	5.5	5.318	20		
3	5.5	5.4	20		
4	5.5	5.436	20		
5	5.5	5.28	20		
6	5.5	5.541	20		
7	5.5	5.604	20		
8	5.5	5.375	20		
9	5.5	5.449	20		

10	5.5	5.51	20	*	
11	5.5	5.378	20		
12	5.5	5.333	20		
13	5.5	5.363	20		
14	5.5	5.702	20		
15	5.5	5.295	20		
16	5.5	5.502	20	*	
17	5.5	5.692	20		
18	5.5	5.36	20		
19	5.5	5.612	20		
20	5.5	5.7	20		
21	5.5	5.712	20		
22	5.5	5.571	20		
23	5.5	5.613	20		
24	5.5	5.595	20		
25	5.5	5.343	20		
26	5.5	5.634	20		
27	5.5	5.374	20		
28	5.5	5.672	20		
29	5.5	5.261	20		
30	5.5	5.645	20		
31	5.5	5.251	20		
32	5.5	5.501	20	*	
33	5.5	5.687	20		
34	5.5	5.371	20		
35	5.5	5.543	20		
36	5.5	5.288	20		
37	5.5	5.577	20		
38	5.5	5.307	20		
39	5.5	5.667	20		
40	5.5	5.6	20		
41	5.5	5.629	20		
42	5.5	5.619	20		
43	5.5	5.671	20		
44	5.5	5.718	20		
45	5.5	5.61	20		
46	5.5	5.611	20		
47	5.5	5.308	20		
48	5.5	5.711	20		
49	5.5	5.403	20		
50	5.5	5.625	20		
51	5.5	5.706	20		
52	5.5	5.431	20		
53	5.5	5.591	20		
54	5.5	5.287	20		
55	5.5	5.566	20		
56	5.5	5.301	20		
57	5.5	5.408	20		
58	5.5	5.716	20		
59	5.5	5.478	20		
60	5.5	5.669	20		
61	5.5	5.259	20		
62	5.5	5.569	20		
63	5.5	5.496	20	*	
64	5.5	5.657	20		
65	5.5	5.294	20		
66	5.5	5.275	20		

67	5.5	5.542	20		
68	5.5	5.553	20		
69	5.5	5.438	20		
70	5.5	5.581	20		
71	5.5	5.654	20		
72	5.5	5.351	20		
73	5.5	5.293	20		
74	5.5	5.322	20		
75	5.5	5.57	20		
76	5.5	5.635	20		
77	5.5	5.25	20		
78	5.5	5.617	20		
79	5.5	5.274	20		
80	5.5	5.511	20		
81	5.5	5.505	20	*	
82	5.5	5.632	20		
83	5.5	5.583	20		
84	5.5	5.299	20		
85	5.5	5.455	20		
86	5.5	5.689	20		
87	5.5	5.354	20		
88	5.5	5.693	20		
89	5.5	5.285	20		
90	5.5	5.679	20		
91	5.5	5.516	20		
92	5.5	5.498	20	*	
93	5.5	5.443	20		
94	5.5	5.627	20		
95	5.5	5.418	20		
96	5.5	5.46	20		
97	5.5	5.537	20		
98	5.5	5.324	20		
99	5.5	5.655	20		
100	5.5	5.317	20		
Trail 12					
1	5.5	5.344	20		
2	5.5	5.36	20		
3	5.5	5.644	20		
4	5.5	5.704	20		
5	5.5	5.388	20		
6	5.5	5.662	20		
7	5.5	5.361	20		
8	5.5	5.434	20		
9	5.5	5.49	20	*	
10	5.5	5.312	20		
11	5.5	5.509	20	*	
12	5.5	5.617	20		
13	5.5	5.408	20		
14	5.5	5.431	20		
15	5.5	5.415	20		
16	5.5	5.475	20		
17	5.5	5.537	20		
18	5.5	5.687	20		
19	5.5	5.611	20		
20	5.5	5.427	20		
21	5.5	5.432	20		
22	5.5	5.695	20		

23	5.5	5.616	20		
24	5.5	5.32	20		
25	5.5	5.43	20		
26	5.5	5.413	20		
27	5.5	5.6	20		
28	5.5	5.71	20		
29	5.5	5.508	20	*	
30	5.5	5.342	20		
31	5.5	5.624	20		
32	5.5	5.597	20		
33	5.5	5.717	20		
34	5.5	5.498	20	*	
35	5.5	5.446	20		
36	5.5	5.693	20		
37	5.5	5.417	20		
38	5.5	5.314	20		
39	5.5	5.502	20	*	
40	5.5	5.606	20		
41	5.5	5.485	20		
42	5.5	5.665	20		
43	5.5	5.67	20		
44	5.5	5.551	20		
45	5.5	5.708	20		
46	5.5	5.619	20		
47	5.5	5.343	20		
48	5.5	5.52	20		
49	5.5	5.365	20		
50	5.5	5.694	20		
51	5.5	5.628	20		
52	5.5	5.506	20	*	
53	5.5	5.636	20		
54	5.5	5.378	20		
55	5.5	5.663	20		
56	5.5	5.466	20		
57	5.5	5.574	20		
58	5.5	5.532	20		
59	5.5	5.439	20		
60	5.5	5.477	20		
61	5.5	5.494	20	*	
62	5.5	5.315	20		
63	5.5	5.464	20		
64	5.5	5.33	20		
65	5.5	5.56	20		
66	5.5	5.271	20		
67	5.5	5.412	20		
68	5.5	5.291	20		
69	5.5	5.445	20		
70	5.5	5.484	20		
71	5.5	5.622	20		
72	5.5	5.516	20		
73	5.5	5.339	20		
74	5.5	5.351	20		
75	5.5	5.594	20		
76	5.5	5.651	20		
77	5.5	5.671	20		
78	5.5	5.325	20		
79	5.5	5.715	20		

80	5.5	5.576	20		
81	5.5	5.46	20		
82	5.5	5.652	20		
83	5.5	5.39	20		
84	5.5	5.68	20		
85	5.5	5.424	20		
86	5.5	5.426	20		
87	5.5	5.545	20		
88	5.5	5.467	20		
89	5.5	5.346	20		
90	5.5	5.564	20		
91	5.5	5.696	20		
92	5.5	5.584	20		
93	5.5	5.48	20		
94	5.5	5.319	20		
95	5.5	5.683	20		
96	5.5	5.373	20		
97	5.5	5.276	20		
98	5.5	5.629	20		
99	5.5	5.348	20		
100	5.5	5.26	20		
Trail 13					
1	5.5	5.54	20		
2	5.5	5.412	20		
3	5.5	5.482	20		
4	5.5	5.633	20		
5	5.5	5.269	20		
6	5.5	5.27	20		
7	5.5	5.432	20		
8	5.5	5.656	20		
9	5.5	5.606	20		
10	5.5	5.318	20		
11	5.5	5.602	20		
12	5.5	5.658	20		
13	5.5	5.457	20		
14	5.5	5.58	20		
15	5.5	5.613	20		
16	5.5	5.535	20		
17	5.5	5.699	20		
18	5.5	5.486	20		
19	5.5	5.584	20		
20	5.5	5.582	20		
21	5.5	5.635	20		
22	5.5	5.392	20		
23	5.5	5.506	20	*	
24	5.5	5.405	20		
25	5.5	5.496	20	*	
26	5.5	5.688	20		
27	5.5	5.43	20		
28	5.5	5.315	20		
29	5.5	5.483	20		
30	5.5	5.447	20		
31	5.5	5.309	20		
32	5.5	5.286	20		
33	5.5	5.445	20		
34	5.5	5.577	20		
35	5.5	5.333	20		

36	5.5	5.378	20		
37	5.5	5.616	20		
38	5.5	5.396	20		
39	5.5	5.325	20		
40	5.5	5.687	20		
41	5.5	5.429	20		
42	5.5	5.619	20		
43	5.5	5.562	20		
44	5.5	5.513	20		
45	5.5	5.608	20		
46	5.5	5.544	20		
47	5.5	5.603	20		
48	5.5	5.631	20		
49	5.5	5.271	20		
50	5.5	5.414	20		
51	5.5	5.316	20		
52	5.5	5.408	20		
53	5.5	5.696	20		
54	5.5	5.697	20		
55	5.5	5.645	20		
56	5.5	5.68	20		
57	5.5	5.3	20		
58	5.5	5.451	20		
59	5.5	5.69	20		
60	5.5	5.317	20		
61	5.5	5.524	20		
62	5.5	5.26	20		
63	5.5	5.367	20		
64	5.5	5.41	20		
65	5.5	5.391	20		
66	5.5	5.509	20	*	
67	5.5	5.467	20		
68	5.5	5.292	20		
69	5.5	5.274	20		
70	5.5	5.548	20		
71	5.5	5.413	20		
72	5.5	5.7	20		
73	5.5	5.533	20		
74	5.5	5.397	20		
75	5.5	5.406	20		
76	5.5	5.667	20		
77	5.5	5.534	20		
78	5.5	5.342	20		
79	5.5	5.575	20		
80	5.5	5.623	20		
81	5.5	5.376	20		
82	5.5	5.371	20		
83	5.5	5.485	20		
84	5.5	5.609	20		
85	5.5	5.655	20		
86	5.5	5.558	20		
87	5.5	5.435	20		
88	5.5	5.449	20		
89	5.5	5.6	20		
90	5.5	5.669	20		
91	5.5	5.495	20	*	
92	5.5	5.409	20		

93	5.5	5.527	20		
94	5.5	5.595	20		
95	5.5	5.504	20	*	
96	5.5	5.335	20		
97	5.5	5.472	20		
98	5.5	5.294	20		
99	5.5	5.468	20		
100	5.5	5.262	20		
Trail 14					
1	5.5	5.439	20		
2	5.5	5.536	20		
3	5.5	5.624	20		
4	5.5	5.272	20		
5	5.5	5.693	20		
6	5.5	5.646	20		
7	5.5	5.437	20		
8	5.5	5.643	20		
9	5.5	5.574	20		
10	5.5	5.347	20		
11	5.5	5.559	20		
12	5.5	5.565	20		
13	5.5	5.506	20	*	
14	5.5	5.416	20		
15	5.5	5.554	20		
16	5.5	5.695	20		
17	5.5	5.687	20		
18	5.5	5.378	20		
19	5.5	5.344	20		
20	5.5	5.655	20		
21	5.5	5.308	20		
22	5.5	5.557	20		
23	5.5	5.558	20		
24	5.5	5.433	20		
25	5.5	5.39	20		
26	5.5	5.462	20		
27	5.5	5.675	20		
28	5.5	5.435	20		
29	5.5	5.541	20		
30	5.5	5.58	20		
31	5.5	5.4	20		
32	5.5	5.555	20		
33	5.5	5.368	20		
34	5.5	5.707	20		
35	5.5	5.672	20		
36	5.5	5.566	20		
37	5.5	5.572	20		
38	5.5	5.667	20		
39	5.5	5.37	20		
40	5.5	5.313	20		
41	5.5	5.44	20		
42	5.5	5.702	20		
43	5.5	5.337	20		
44	5.5	5.389	20		
45	5.5	5.66	20		
46	5.5	5.721	20		
47	5.5	5.688	20		
48	5.5	5.665	20		

49	5.5	5.612	20		
50	5.5	5.421	20		
51	5.5	5.33	20		
52	5.5	5.627	20		
53	5.5	5.651	20		
54	5.5	5.508	20	*	
55	5.5	5.406	20		
56	5.5	5.302	20		
57	5.5	5.367	20		
58	5.5	5.597	20		
59	5.5	5.48	20		
60	5.5	5.568	20		
61	5.5	5.266	20		
62	5.5	5.705	20		
63	5.5	5.343	20		
64	5.5	5.55	20		
65	5.5	5.277	20		
66	5.5	5.349	20		
67	5.5	5.723	20		
68	5.5	5.7	20		
69	5.5	5.59	20		
70	5.5	5.696	20		
71	5.5	5.717	20		
72	5.5	5.477	20		
73	5.5	5.254	20		
74	5.5	5.363	20		
75	5.5	5.291	20		
76	5.5	5.321	20		
77	5.5	5.288	20		
78	5.5	5.395	20		
79	5.5	5.527	20		
80	5.5	5.458	20		
81	5.5	5.451	20		
82	5.5	5.509	20	*	
83	5.5	5.528	20		
84	5.5	5.552	20		
85	5.5	5.489	20		
86	5.5	5.588	20		
87	5.5	5.526	20		
88	5.5	5.486	20		
89	5.5	5.713	20		
90	5.5	5.503	20	*	
91	5.5	5.542	20		
92	5.5	5.373	20		
93	5.5	5.259	20		
94	5.5	5.278	20		
95	5.5	5.263	20		
96	5.5	5.648	20		
97	5.5	5.642	20		
98	5.5	5.533	20		
99	5.5	5.608	20		
100	5.5	5.694	20		
Trail 15					
1	5.5	5.427	20		
2	5.5	5.338	20		
3	5.5	5.586	20		
4	5.5	5.282	20		

5	5.5	5.654	20		
6	5.5	5.353	20		
7	5.5	5.557	20		
8	5.5	5.371	20		
9	5.5	5.641	20		
10	5.5	5.675	20		
11	5.5	5.362	20		
12	5.5	5.608	20		
13	5.5	5.33	20		
14	5.5	5.684	20		
15	5.5	5.475	20		
16	5.5	5.504	20	*	
17	5.5	5.439	20		
18	5.5	5.72	20		
19	5.5	5.538	20		
20	5.5	5.358	20		
21	5.5	5.34	20		
22	5.5	5.532	20		
23	5.5	5.363	20		
24	5.5	5.459	20		
25	5.5	5.449	20		
26	5.5	5.659	20		
27	5.5	5.454	20		
28	5.5	5.554	20		
29	5.5	5.55	20		
30	5.5	5.69	20		
31	5.5	5.398	20		
32	5.5	5.723	20		
33	5.5	5.447	20		
34	5.5	5.337	20		
35	5.5	5.295	20		
36	5.5	5.703	20		
37	5.5	5.59	20		
38	5.5	5.307	20		
39	5.5	5.559	20		
40	5.5	5.506	20	*	
41	5.5	5.551	20		
42	5.5	5.583	20		
43	5.5	5.637	20		
44	5.5	5.275	20		
45	5.5	5.544	20		
46	5.5	5.324	20		
47	5.5	5.306	20		
48	5.5	5.264	20		
49	5.5	5.375	20		
50	5.5	5.709	20		
51	5.5	5.505	20	*	
52	5.5	5.276	20		
53	5.5	5.365	20		
54	5.5	5.329	20		
55	5.5	5.319	20		
56	5.5	5.587	20		
57	5.5	5.339	20		
58	5.5	5.284	20		
59	5.5	5.533	20		
60	5.5	5.462	20		
61	5.5	5.502	20	*	

62	5.5	5.36	20		
63	5.5	5.287	20		
64	5.5	5.384	20		
65	5.5	5.63	20		
66	5.5	5.574	20		
67	5.5	5.376	20		
68	5.5	5.259	20		
69	5.5	5.308	20		
70	5.5	5.549	20		
71	5.5	5.584	20		
72	5.5	5.381	20		
73	5.5	5.435	20		
74	5.5	5.526	20		
75	5.5	5.652	20		
76	5.5	5.6	20		
77	5.5	5.44	20		
78	5.5	5.607	20		
79	5.5	5.461	20		
80	5.5	5.355	20		
81	5.5	5.547	20		
82	5.5	5.715	20		
83	5.5	5.517	20		
84	5.5	5.615	20		
85	5.5	5.252	20		
86	5.5	5.465	20		
87	5.5	5.535	20		
88	5.5	5.634	20		
89	5.5	5.361	20		
90	5.5	5.281	20		
91	5.5	5.696	20		
92	5.5	5.635	20		
93	5.5	5.27	20		
94	5.5	5.661	20		
95	5.5	5.638	20		
96	5.5	5.378	20		
97	5.5	5.566	20		
98	5.5	5.463	20		
99	5.5	5.512	20		
100	5.5	5.342	20		
Trail 16					
1	5.5	5.634	20		
2	5.5	5.421	20		
3	5.5	5.573	20		
4	5.5	5.418	20		
5	5.5	5.588	20		
6	5.5	5.535	20		
7	5.5	5.478	20		
8	5.5	5.287	20		
9	5.5	5.307	20		
10	5.5	5.269	20		
11	5.5	5.683	20		
12	5.5	5.259	20		
13	5.5	5.294	20		
14	5.5	5.604	20		
15	5.5	5.543	20		
16	5.5	5.309	20		
17	5.5	5.525	20		

18	5.5	5.7	20		
19	5.5	5.592	20		
20	5.5	5.302	20		
21	5.5	5.552	20		
22	5.5	5.285	20		
23	5.5	5.654	20		
24	5.5	5.489	20		
25	5.5	5.477	20		
26	5.5	5.553	20		
27	5.5	5.484	20		
28	5.5	5.503	20	*	
29	5.5	5.256	20		
30	5.5	5.338	20		
31	5.5	5.693	20		
32	5.5	5.449	20		
33	5.5	5.571	20		
34	5.5	5.666	20		
35	5.5	5.63	20		
36	5.5	5.452	20		
37	5.5	5.413	20		
38	5.5	5.559	20		
39	5.5	5.721	20		
40	5.5	5.415	20		
41	5.5	5.716	20		
42	5.5	5.506	20	*	
43	5.5	5.69	20		
44	5.5	5.656	20		
45	5.5	5.391	20		
46	5.5	5.262	20		
47	5.5	5.315	20		
48	5.5	5.295	20		
49	5.5	5.714	20		
50	5.5	5.292	20		
51	5.5	5.55	20		
52	5.5	5.435	20		
53	5.5	5.541	20		
54	5.5	5.318	20		
55	5.5	5.508	20	*	
56	5.5	5.692	20		
57	5.5	5.311	20		
58	5.5	5.438	20		
59	5.5	5.28	20		
60	5.5	5.328	20		
61	5.5	5.585	20		
62	5.5	5.606	20		
63	5.5	5.684	20		
64	5.5	5.529	20		
65	5.5	5.674	20		
66	5.5	5.416	20		
67	5.5	5.603	20		
68	5.5	5.296	20		
69	5.5	5.488	20		
70	5.5	5.632	20		
71	5.5	5.374	20		
72	5.5	5.504	20	*	
73	5.5	5.597	20		
74	5.5	5.671	20		

75	5.5	5.459	20		
76	5.5	5.397	20		
77	5.5	5.25	20		
78	5.5	5.505	20	*	
79	5.5	5.323	20		
80	5.5	5.444	20		
81	5.5	5.342	20		
82	5.5	5.595	20		
83	5.5	5.539	20		
84	5.5	5.547	20		
85	5.5	5.267	20		
86	5.5	5.468	20		
87	5.5	5.657	20		
88	5.5	5.483	20		
89	5.5	5.697	20		
90	5.5	5.582	20		
91	5.5	5.289	20		
92	5.5	5.357	20		
93	5.5	5.367	20		
94	5.5	5.437	20		
95	5.5	5.562	20		
96	5.5	5.329	20		
97	5.5	5.331	20		
98	5.5	5.555	20		
99	5.5	5.485	20		
100	5.5	5.451	20		
Trail 17					
1	5.5	5.293	20		
2	5.5	5.593	20		
3	5.5	5.341	20		
4	5.5	5.583	20		
5	5.5	5.577	20		
6	5.5	5.525	20		
7	5.5	5.424	20		
8	5.5	5.492	20	*	
9	5.5	5.58	20		
10	5.5	5.531	20		
11	5.5	5.514	20		
12	5.5	5.52	20		
13	5.5	5.462	20		
14	5.5	5.513	20		
15	5.5	5.489	20		
16	5.5	5.309	20		
17	5.5	5.453	20		
18	5.5	5.279	20		
19	5.5	5.44	20		
20	5.5	5.326	20		
21	5.5	5.323	20		
22	5.5	5.42	20		
23	5.5	5.456	20		
24	5.5	5.289	20		
25	5.5	5.281	20		
26	5.5	5.719	20		
27	5.5	5.617	20		
28	5.5	5.509	20	*	
29	5.5	5.312	20		
30	5.5	5.34	20		

31	5.5	5.717	20		
32	5.5	5.449	20		
33	5.5	5.567	20		
34	5.5	5.318	20		
35	5.5	5.317	20		
36	5.5	5.381	20		
37	5.5	5.625	20		
38	5.5	5.32	20		
39	5.5	5.674	20		
40	5.5	5.683	20		
41	5.5	5.362	20		
42	5.5	5.623	20		
43	5.5	5.511	20		
44	5.5	5.419	20		
45	5.5	5.422	20		
46	5.5	5.43	20		
47	5.5	5.519	20		
48	5.5	5.528	20		
49	5.5	5.332	20		
50	5.5	5.574	20		
51	5.5	5.447	20		
52	5.5	5.327	20		
53	5.5	5.53	20		
54	5.5	5.63	20		
55	5.5	5.39	20		
56	5.5	5.399	20		
57	5.5	5.436	20		
58	5.5	5.721	20		
59	5.5	5.35	20		
60	5.5	5.352	20		
61	5.5	5.616	20		
62	5.5	5.601	20		
63	5.5	5.272	20		
64	5.5	5.559	20		
65	5.5	5.284	20		
66	5.5	5.537	20		
67	5.5	5.632	20		
68	5.5	5.544	20		
69	5.5	5.498	20	*	
70	5.5	5.687	20		
71	5.5	5.355	20		
72	5.5	5.266	20		
73	5.5	5.412	20		
74	5.5	5.267	20		
75	5.5	5.651	20		
76	5.5	5.529	20		
77	5.5	5.376	20		
78	5.5	5.273	20		
79	5.5	5.615	20		
80	5.5	5.41	20		
81	5.5	5.356	20		
82	5.5	5.448	20		
83	5.5	5.69	20		
84	5.5	5.36	20		
85	5.5	5.421	20		
86	5.5	5.344	20		
87	5.5	5.278	20		

88	5.5	5.271	20		
89	5.5	5.365	20		
90	5.5	5.551	20		
91	5.5	5.397	20		
92	5.5	5.603	20		
93	5.5	5.29	20		
94	5.5	5.261	20		
95	5.5	5.524	20		
96	5.5	5.713	20		
97	5.5	5.415	20		
98	5.5	5.474	20		
99	5.5	5.48	20		
100	5.5	5.361	20		
Trail 18					
1	5.5	5.334	20		
2	5.5	5.636	20		
3	5.5	5.348	20		
4	5.5	5.663	20		
5	5.5	5.423	20		
6	5.5	5.358	20		
7	5.5	5.481	20		
8	5.5	5.622	20		
9	5.5	5.679	20		
10	5.5	5.317	20		
11	5.5	5.282	20		
12	5.5	5.64	20		
13	5.5	5.406	20		
14	5.5	5.431	20		
15	5.5	5.553	20		
16	5.5	5.6	20		
17	5.5	5.507	20	*	
18	5.5	5.59	20		
19	5.5	5.539	20		
20	5.5	5.558	20		
21	5.5	5.484	20		
22	5.5	5.63	20		
23	5.5	5.512	20		
24	5.5	5.346	20		
25	5.5	5.335	20		
26	5.5	5.722	20		
27	5.5	5.556	20		
28	5.5	5.599	20		
29	5.5	5.658	20		
30	5.5	5.555	20		
31	5.5	5.642	20		
32	5.5	5.713	20		
33	5.5	5.614	20		
34	5.5	5.296	20		
35	5.5	5.682	20		
36	5.5	5.538	20		
37	5.5	5.576	20		
38	5.5	5.71	20		
39	5.5	5.359	20		
40	5.5	5.502	20	*	
41	5.5	5.568	20		
42	5.5	5.286	20		
43	5.5	5.327	20		

44	5.5	5.329	20		
45	5.5	5.319	20		
46	5.5	5.445	20		
47	5.5	5.536	20		
48	5.5	5.519	20		
49	5.5	5.706	20		
50	5.5	5.615	20		
51	5.5	5.339	20		
52	5.5	5.701	20		
53	5.5	5.669	20		
54	5.5	5.463	20		
55	5.5	5.393	20		
56	5.5	5.497	20	*	
57	5.5	5.371	20		
58	5.5	5.633	20		
59	5.5	5.537	20		
60	5.5	5.467	20		
61	5.5	5.637	20		
62	5.5	5.459	20		
63	5.5	5.649	20		
64	5.5	5.662	20		
65	5.5	5.596	20		
66	5.5	5.262	20		
67	5.5	5.516	20		
68	5.5	5.438	20		
69	5.5	5.707	20		
70	5.5	5.32	20		
71	5.5	5.318	20		
72	5.5	5.697	20		
73	5.5	5.643	20		
74	5.5	5.364	20		
75	5.5	5.667	20		
76	5.5	5.567	20		
77	5.5	5.65	20		
78	5.5	5.575	20		
79	5.5	5.601	20		
80	5.5	5.69	20		
81	5.5	5.491	20	*	
82	5.5	5.655	20		
83	5.5	5.399	20		
84	5.5	5.578	20		
85	5.5	5.345	20		
86	5.5	5.462	20		
87	5.5	5.294	20		
88	5.5	5.694	20		
89	5.5	5.425	20		
90	5.5	5.684	20		
91	5.5	5.648	20		
92	5.5	5.38	20		
93	5.5	5.686	20		
94	5.5	5.437	20		
95	5.5	5.328	20		
96	5.5	5.27	20		
97	5.5	5.263	20		
98	5.5	5.407	20		
99	5.5	5.67	20		
100	5.5	5.595	20		

Trail 19					
1	5.5	5.34	20		
2	5.5	5.449	20		
3	5.5	5.629	20		
4	5.5	5.48	20		
5	5.5	5.554	20		
6	5.5	5.688	20		
7	5.5	5.539	20		
8	5.5	5.52	20		
9	5.5	5.605	20		
10	5.5	5.637	20		
11	5.5	5.557	20		
12	5.5	5.468	20		
13	5.5	5.544	20		
14	5.5	5.687	20		
15	5.5	5.531	20		
16	5.5	5.608	20		
17	5.5	5.387	20		
18	5.5	5.252	20		
19	5.5	5.415	20		
20	5.5	5.507	20	*	
21	5.5	5.487	20		
22	5.5	5.495	20	*	
23	5.5	5.543	20		
24	5.5	5.56	20		
25	5.5	5.407	20		
26	5.5	5.428	20		
27	5.5	5.57	20		
28	5.5	5.496	20	*	
29	5.5	5.271	20		
30	5.5	5.533	20		
31	5.5	5.64	20		
32	5.5	5.549	20		
33	5.5	5.574	20		
34	5.5	5.426	20		
35	5.5	5.335	20		
36	5.5	5.275	20		
37	5.5	5.692	20		
38	5.5	5.567	20		
39	5.5	5.516	20		
40	5.5	5.281	20		
41	5.5	5.413	20		
42	5.5	5.391	20		
43	5.5	5.305	20		
44	5.5	5.31	20		
45	5.5	5.46	20		
46	5.5	5.558	20		
47	5.5	5.405	20		
48	5.5	5.325	20		
49	5.5	5.406	20		
50	5.5	5.66	20		
51	5.5	5.483	20		
52	5.5	5.666	20		
53	5.5	5.337	20		
54	5.5	5.341	20		
55	5.5	5.454	20		
56	5.5	5.261	20		

57	5.5	5.69	20		
58	5.5	5.563	20		
59	5.5	5.562	20		
60	5.5	5.422	20		
61	5.5	5.455	20		
62	5.5	5.379	20		
63	5.5	5.635	20		
64	5.5	5.524	20		
65	5.5	5.291	20		
66	5.5	5.592	20		
67	5.5	5.329	20		
68	5.5	5.376	20		
69	5.5	5.503	20	*	
70	5.5	5.611	20		
71	5.5	5.548	20		
72	5.5	5.665	20		
73	5.5	5.656	20		
74	5.5	5.313	20		
75	5.5	5.384	20		
76	5.5	5.514	20		
77	5.5	5.575	20		
78	5.5	5.326	20		
79	5.5	5.607	20		
80	5.5	5.338	20		
81	5.5	5.263	20		
82	5.5	5.273	20		
83	5.5	5.654	20		
84	5.5	5.256	20		
85	5.5	5.25	20		
86	5.5	5.362	20		
87	5.5	5.58	20		
88	5.5	5.399	20		
89	5.5	5.625	20		
90	5.5	5.374	20		
91	5.5	5.285	20		
92	5.5	5.355	20		
93	5.5	5.293	20		
94	5.5	5.254	20		
95	5.5	5.564	20		
96	5.5	5.398	20		
97	5.5	5.627	20		
98	5.5	5.328	20		
99	5.5	5.324	20		
100	5.5	5.659	20		
Trail 20					
1	5.5	5.63	20		
2	5.5	5.525	20		
3	5.5	5.493	20	*	
4	5.5	5.681	20		
5	5.5	5.689	20		
6	5.5	5.325	20		
7	5.5	5.303	20		
8	5.5	5.379	20		
9	5.5	5.273	20		
10	5.5	5.463	20		
11	5.5	5.469	20		
12	5.5	5.409	20		

13	5.5	5.45	20		
14	5.5	5.703	20		
15	5.5	5.373	20		
16	5.5	5.69	20		
17	5.5	5.516	20		
18	5.5	5.494	20	*	
19	5.5	5.279	20		
20	5.5	5.39	20		
21	5.5	5.425	20		
22	5.5	5.566	20		
23	5.5	5.457	20		
24	5.5	5.295	20		
25	5.5	5.564	20		
26	5.5	5.53	20		
27	5.5	5.422	20		
28	5.5	5.439	20		
29	5.5	5.361	20		
30	5.5	5.318	20		
31	5.5	5.436	20		
32	5.5	5.694	20		
33	5.5	5.54	20		
34	5.5	5.482	20		
35	5.5	5.59	20		
36	5.5	5.685	20		
37	5.5	5.313	20		
38	5.5	5.604	20		
39	5.5	5.565	20		
40	5.5	5.531	20		
41	5.5	5.535	20		
42	5.5	5.259	20		
43	5.5	5.706	20		
44	5.5	5.645	20		
45	5.5	5.642	20		
46	5.5	5.437	20		
47	5.5	5.459	20		
48	5.5	5.624	20		
49	5.5	5.311	20		
50	5.5	5.58	20		
51	5.5	5.428	20		
52	5.5	5.632	20		
53	5.5	5.472	20		
54	5.5	5.48	20		
55	5.5	5.465	20		
56	5.5	5.544	20		
57	5.5	5.593	20		
58	5.5	5.65	20		
59	5.5	5.639	20		
60	5.5	5.616	20		
61	5.5	5.6	20		
62	5.5	5.635	20		
63	5.5	5.638	20		
64	5.5	5.709	20		
65	5.5	5.366	20		
66	5.5	5.601	20		
67	5.5	5.696	20		
68	5.5	5.697	20		
69	5.5	5.553	20		

70	5.5	5.334	20		
71	5.5	5.328	20		
72	5.5	5.647	20		
73	5.5	5.42	20		
74	5.5	5.376	20		
75	5.5	5.51	20	*	
76	5.5	5.628	20		
77	5.5	5.536	20		
78	5.5	5.355	20		
79	5.5	5.579	20		
80	5.5	5.445	20		
81	5.5	5.326	20		
82	5.5	5.265	20		
83	5.5	5.294	20		
84	5.5	5.518	20		
85	5.5	5.312	20		
86	5.5	5.254	20		
87	5.5	5.662	20		
88	5.5	5.401	20		
89	5.5	5.612	20		
90	5.5	5.614	20		
91	5.5	5.275	20		
92	5.5	5.505	20	*	
93	5.5	5.705	20		
94	5.5	5.547	20		
95	5.5	5.61	20		
96	5.5	5.674	20		
97	5.5	5.636	20		
98	5.5	5.357	20		
99	5.5	5.348	20		
100	5.5	5.414	20		
Trail 21					
1	5.5	5.272	20		
2	5.5	5.633	20		
3	5.5	5.363	20		
4	5.5	5.409	20		
5	5.5	5.485	20		
6	5.5	5.346	20		
7	5.5	5.305	20		
8	5.5	5.359	20		
9	5.5	5.638	20		
10	5.5	5.567	20		
11	5.5	5.607	20		
12	5.5	5.539	20		
13	5.5	5.258	20		
14	5.5	5.592	20		
15	5.5	5.621	20		
16	5.5	5.632	20		
17	5.5	5.285	20		
18	5.5	5.402	20		
19	5.5	5.614	20		
20	5.5	5.551	20		
21	5.5	5.449	20		
22	5.5	5.624	20		
23	5.5	5.32	20		
24	5.5	5.47	20		
25	5.5	5.403	20		

26	5.5	5.275	20		
27	5.5	5.299	20		
28	5.5	5.325	20		
29	5.5	5.599	20		
30	5.5	5.446	20		
31	5.5	5.526	20		
32	5.5	5.442	20		
33	5.5	5.583	20		
34	5.5	5.595	20		
35	5.5	5.379	20		
36	5.5	5.411	20		
37	5.5	5.415	20		
38	5.5	5.534	20		
39	5.5	5.286	20		
40	5.5	5.467	20		
41	5.5	5.31	20		
42	5.5	5.357	20		
43	5.5	5.58	20		
44	5.5	5.335	20		
45	5.5	5.295	20		
46	5.5	5.498	20	*	
47	5.5	5.588	20		
48	5.5	5.301	20		
49	5.5	5.574	20		
50	5.5	5.302	20		
51	5.5	5.664	20		
52	5.5	5.717	20		
53	5.5	5.34	20		
54	5.5	5.49	20	*	
55	5.5	5.332	20		
56	5.5	5.394	20		
57	5.5	5.643	20		
58	5.5	5.251	20		
59	5.5	5.398	20		
60	5.5	5.613	20		
61	5.5	5.603	20		
62	5.5	5.46	20		
63	5.5	5.374	20		
64	5.5	5.704	20		
65	5.5	5.296	20		
66	5.5	5.387	20		
67	5.5	5.68	20		
68	5.5	5.66	20		
69	5.5	5.511	20		
70	5.5	5.321	20		
71	5.5	5.273	20		
72	5.5	5.271	20		
73	5.5	5.333	20		
74	5.5	5.609	20		
75	5.5	5.477	20		
76	5.5	5.255	20		
77	5.5	5.597	20		
78	5.5	5.417	20		
79	5.5	5.606	20		
80	5.5	5.371	20		
81	5.5	5.715	20		
82	5.5	5.689	20		

83	5.5	5.563	20		
84	5.5	5.303	20		
85	5.5	5.316	20		
86	5.5	5.71	20		
87	5.5	5.722	20		
88	5.5	5.64	20		
89	5.5	5.553	20		
90	5.5	5.314	20		
91	5.5	5.669	20		
92	5.5	5.278	20		
93	5.5	5.52	20		
94	5.5	5.339	20		
95	5.5	5.407	20		
96	5.5	5.59	20		
97	5.5	5.292	20		
98	5.5	5.659	20		
99	5.5	5.549	20		
100	5.5	5.367	20		
Trail 22					
1	5.5	5.553	20		
2	5.5	5.618	20		
3	5.5	5.715	20		
4	5.5	5.278	20		
5	5.5	5.431	20		
6	5.5	5.279	20		
7	5.5	5.501	20	*	
8	5.5	5.254	20		
9	5.5	5.608	20		
10	5.5	5.491	20	*	
11	5.5	5.43	20		
12	5.5	5.336	20		
13	5.5	5.632	20		
14	5.5	5.549	20		
15	5.5	5.585	20		
16	5.5	5.287	20		
17	5.5	5.522	20		
18	5.5	5.417	20		
19	5.5	5.27	20		
20	5.5	5.642	20		
21	5.5	5.595	20		
22	5.5	5.602	20		
23	5.5	5.547	20		
24	5.5	5.292	20		
25	5.5	5.294	20		
26	5.5	5.405	20		
27	5.5	5.633	20		
28	5.5	5.54	20		
29	5.5	5.348	20		
30	5.5	5.684	20		
31	5.5	5.665	20		
32	5.5	5.582	20		
33	5.5	5.422	20		
34	5.5	5.447	20		
35	5.5	5.322	20		
36	5.5	5.712	20		
37	5.5	5.717	20		
38	5.5	5.423	20		

39	5.5	5.313	20		
40	5.5	5.687	20		
41	5.5	5.716	20		
42	5.5	5.598	20		
43	5.5	5.688	20		
44	5.5	5.369	20		
45	5.5	5.354	20		
46	5.5	5.425	20		
47	5.5	5.581	20		
48	5.5	5.616	20		
49	5.5	5.444	20		
50	5.5	5.455	20		
51	5.5	5.283	20		
52	5.5	5.615	20		
53	5.5	5.476	20		
54	5.5	5.41	20		
55	5.5	5.299	20		
56	5.5	5.692	20		
57	5.5	5.627	20		
58	5.5	5.657	20		
59	5.5	5.304	20		
60	5.5	5.557	20		
61	5.5	5.619	20		
62	5.5	5.364	20		
63	5.5	5.516	20		
64	5.5	5.414	20		
65	5.5	5.71	20		
66	5.5	5.438	20		
67	5.5	5.503	20	*	
68	5.5	5.578	20		
69	5.5	5.526	20		
70	5.5	5.57	20		
71	5.5	5.384	20		
72	5.5	5.297	20		
73	5.5	5.518	20		
74	5.5	5.31	20		
75	5.5	5.645	20		
76	5.5	5.267	20		
77	5.5	5.454	20		
78	5.5	5.529	20		
79	5.5	5.475	20		
80	5.5	5.307	20		
81	5.5	5.463	20		
82	5.5	5.709	20		
83	5.5	5.403	20		
84	5.5	5.326	20		
85	5.5	5.524	20		
86	5.5	5.433	20		
87	5.5	5.4	20		
88	5.5	5.282	20		
89	5.5	5.485	20		
90	5.5	5.446	20		
91	5.5	5.656	20		
92	5.5	5.288	20		
93	5.5	5.51	20	*	
94	5.5	5.494	20	*	
95	5.5	5.679	20		

96	5.5	5.567	20		
97	5.5	5.718	20		
98	5.5	5.53	20		
99	5.5	5.492	20	*	
100	5.5	5.449	20		
Trail 23					
1	5.5	5.284	20		
2	5.5	5.623	20		
3	5.5	5.659	20		
4	5.5	5.344	20		
5	5.5	5.587	20		
6	5.5	5.678	20		
7	5.5	5.279	20		
8	5.5	5.505	20	*	
9	5.5	5.324	20		
10	5.5	5.504	20	*	
11	5.5	5.641	20		
12	5.5	5.69	20		
13	5.5	5.526	20		
14	5.5	5.444	20		
15	5.5	5.452	20		
16	5.5	5.563	20		
17	5.5	5.596	20		
18	5.5	5.435	20		
19	5.5	5.453	20		
20	5.5	5.302	20		
21	5.5	5.537	20		
22	5.5	5.628	20		
23	5.5	5.683	20		
24	5.5	5.413	20		
25	5.5	5.467	20		
26	5.5	5.274	20		
27	5.5	5.58	20		
28	5.5	5.506	20	*	
29	5.5	5.41	20		
30	5.5	5.547	20		
31	5.5	5.426	20		
32	5.5	5.676	20		
33	5.5	5.482	20		
34	5.5	5.543	20		
35	5.5	5.483	20		
36	5.5	5.4	20		
37	5.5	5.599	20		
38	5.5	5.252	20		
39	5.5	5.471	20		
40	5.5	5.28	20		
41	5.5	5.621	20		
42	5.5	5.403	20		
43	5.5	5.602	20		
44	5.5	5.488	20		
45	5.5	5.551	20		
46	5.5	5.61	20		
47	5.5	5.352	20		
48	5.5	5.675	20		
49	5.5	5.392	20		
50	5.5	5.649	20		
51	5.5	5.536	20		

52	5.5	5.558	20		
53	5.5	5.353	20		
54	5.5	5.354	20		
55	5.5	5.656	20		
56	5.5	5.329	20		
57	5.5	5.594	20		
58	5.5	5.652	20		
59	5.5	5.701	20		
60	5.5	5.525	20		
61	5.5	5.508	20	*	
62	5.5	5.404	20		
63	5.5	5.633	20		
64	5.5	5.255	20		
65	5.5	5.519	20		
66	5.5	5.465	20		
67	5.5	5.528	20		
68	5.5	5.372	20		
69	5.5	5.671	20		
70	5.5	5.313	20		
71	5.5	5.68	20		
72	5.5	5.427	20		
73	5.5	5.648	20		
74	5.5	5.442	20		
75	5.5	5.624	20		
76	5.5	5.415	20		
77	5.5	5.257	20		
78	5.5	5.326	20		
79	5.5	5.627	20		
80	5.5	5.397	20		
81	5.5	5.674	20		
82	5.5	5.336	20		
83	5.5	5.709	20		
84	5.5	5.706	20		
85	5.5	5.388	20		
86	5.5	5.256	20		
87	5.5	5.542	20		
88	5.5	5.673	20		
89	5.5	5.597	20		
90	5.5	5.449	20		
91	5.5	5.575	20		
92	5.5	5.305	20		
93	5.5	5.466	20		
94	5.5	5.64	20		
95	5.5	5.711	20		
96	5.5	5.534	20		
97	5.5	5.695	20		
98	5.5	5.698	20		
99	5.5	5.407	20		
100	5.5	5.724	20		
Trail 24					
1	5.5	5.691	20		
2	5.5	5.683	20		
3	5.5	5.29	20		
4	5.5	5.401	20		
5	5.5	5.274	20		
6	5.5	5.455	20		
7	5.5	5.365	20		

8	5.5	5.579	20		
9	5.5	5.498	20	*	
10	5.5	5.373	20		
11	5.5	5.634	20		
12	5.5	5.538	20		
13	5.5	5.449	20		
14	5.5	5.529	20		
15	5.5	5.36	20		
16	5.5	5.63	20		
17	5.5	5.267	20		
18	5.5	5.518	20		
19	5.5	5.541	20		
20	5.5	5.465	20		
21	5.5	5.439	20		
22	5.5	5.391	20		
23	5.5	5.38	20		
24	5.5	5.366	20		
25	5.5	5.448	20		
26	5.5	5.597	20		
27	5.5	5.688	20		
28	5.5	5.566	20		
29	5.5	5.321	20		
30	5.5	5.497	20	*	
31	5.5	5.339	20		
32	5.5	5.705	20		
33	5.5	5.269	20		
34	5.5	5.604	20		
35	5.5	5.556	20		
36	5.5	5.607	20		
37	5.5	5.488	20		
38	5.5	5.262	20		
39	5.5	5.536	20		
40	5.5	5.534	20		
41	5.5	5.322	20		
42	5.5	5.271	20		
43	5.5	5.254	20		
44	5.5	5.598	20		
45	5.5	5.519	20		
46	5.5	5.619	20		
47	5.5	5.722	20		
48	5.5	5.614	20		
49	5.5	5.489	20		
50	5.5	5.507	20	*	
51	5.5	5.673	20		
52	5.5	5.368	20		
53	5.5	5.436	20		
54	5.5	5.333	20		
55	5.5	5.355	20		
56	5.5	5.283	20		
57	5.5	5.622	20		
58	5.5	5.317	20		
59	5.5	5.502	20	*	
60	5.5	5.553	20		
61	5.5	5.603	20		
62	5.5	5.311	20		
63	5.5	5.509	20	*	
64	5.5	5.572	20		

65	5.5	5.631	20		
66	5.5	5.371	20		
67	5.5	5.421	20		
68	5.5	5.627	20		
69	5.5	5.495	20	*	
70	5.5	5.423	20		
71	5.5	5.329	20		
72	5.5	5.656	20		
73	5.5	5.676	20		
74	5.5	5.47	20		
75	5.5	5.584	20		
76	5.5	5.669	20		
77	5.5	5.585	20		
78	5.5	5.292	20		
79	5.5	5.557	20		
80	5.5	5.613	20		
81	5.5	5.679	20		
82	5.5	5.655	20		
83	5.5	5.71	20		
84	5.5	5.659	20		
85	5.5	5.611	20		
86	5.5	5.384	20		
87	5.5	5.404	20		
88	5.5	5.508	20	*	
89	5.5	5.57	20		
90	5.5	5.375	20		
91	5.5	5.42	20		
92	5.5	5.288	20		
93	5.5	5.278	20		
94	5.5	5.64	20		
95	5.5	5.526	20		
96	5.5	5.641	20		
97	5.5	5.608	20		
98	5.5	5.475	20		
99	5.5	5.514	20		
100	5.5	5.55	20		
Trail 25					
1	5.5	5.618	20		
2	5.5	5.345	20		
3	5.5	5.721	20		
4	5.5	5.337	20		
5	5.5	5.677	20		
6	5.5	5.668	20		
7	5.5	5.578	20		
8	5.5	5.68	20		
9	5.5	5.664	20		
10	5.5	5.713	20		
11	5.5	5.523	20		
12	5.5	5.344	20		
13	5.5	5.366	20		
14	5.5	5.583	20		
15	5.5	5.429	20		
16	5.5	5.488	20		
17	5.5	5.342	20		
18	5.5	5.594	20		
19	5.5	5.524	20		
20	5.5	5.352	20		

21	5.5	5.694	20		
22	5.5	5.263	20		
23	5.5	5.368	20		
24	5.5	5.341	20		
25	5.5	5.675	20		
26	5.5	5.498	20	*	
27	5.5	5.289	20		
28	5.5	5.419	20		
29	5.5	5.469	20		
30	5.5	5.71	20		
31	5.5	5.418	20		
32	5.5	5.639	20		
33	5.5	5.708	20		
34	5.5	5.608	20		
35	5.5	5.47	20		
36	5.5	5.683	20		
37	5.5	5.511	20		
38	5.5	5.623	20		
39	5.5	5.529	20		
40	5.5	5.317	20		
41	5.5	5.697	20		
42	5.5	5.253	20		
43	5.5	5.634	20		
44	5.5	5.704	20		
45	5.5	5.602	20		
46	5.5	5.433	20		
47	5.5	5.452	20		
48	5.5	5.557	20		
49	5.5	5.349	20		
50	5.5	5.503	20	*	
51	5.5	5.584	20		
52	5.5	5.579	20		
53	5.5	5.388	20		
54	5.5	5.432	20		
55	5.5	5.275	20		
56	5.5	5.382	20		
57	5.5	5.285	20		
58	5.5	5.477	20		
59	5.5	5.687	20		
60	5.5	5.67	20		
61	5.5	5.561	20		
62	5.5	5.641	20		
63	5.5	5.497	20	*	
64	5.5	5.423	20		
65	5.5	5.299	20		
66	5.5	5.421	20		
67	5.5	5.343	20		
68	5.5	5.648	20		
69	5.5	5.296	20		
70	5.5	5.415	20		
71	5.5	5.292	20		
72	5.5	5.274	20		
73	5.5	5.314	20		
74	5.5	5.585	20		
75	5.5	5.481	20		
76	5.5	5.267	20		
77	5.5	5.367	20		

78	5.5	5.649	20		
79	5.5	5.6	20		
80	5.5	5.49	20	*	
81	5.5	5.363	20		
82	5.5	5.362	20		
83	5.5	5.282	20		
84	5.5	5.643	20		
85	5.5	5.535	20		
86	5.5	5.605	20		
87	5.5	5.262	20		
88	5.5	5.313	20		
89	5.5	5.51	20	*	
90	5.5	5.591	20		
91	5.5	5.414	20		
92	5.5	5.326	20		
93	5.5	5.521	20		
94	5.5	5.465	20		
95	5.5	5.462	20		
96	5.5	5.3	20		
97	5.5	5.554	20		
98	5.5	5.518	20		
99	5.5	5.705	20		
100	5.5	5.652	20		
Trail 26					
1	5.5	5.608	20		
2	5.5	5.669	20		
3	5.5	5.71	20		
4	5.5	5.294	20		
5	5.5	5.319	20		
6	5.5	5.632	20		
7	5.5	5.561	20		
8	5.5	5.481	20		
9	5.5	5.547	20		
10	5.5	5.315	20		
11	5.5	5.454	20		
12	5.5	5.376	20		
13	5.5	5.713	20		
14	5.5	5.569	20		
15	5.5	5.313	20		
16	5.5	5.405	20		
17	5.5	5.627	20		
18	5.5	5.625	20		
19	5.5	5.263	20		
20	5.5	5.678	20		
21	5.5	5.658	20		
22	5.5	5.497	20	*	
23	5.5	5.442	20		
24	5.5	5.25	20		
25	5.5	5.284	20		
26	5.5	5.328	20		
27	5.5	5.602	20		
28	5.5	5.392	20		
29	5.5	5.575	20		
30	5.5	5.253	20		
31	5.5	5.444	20		
32	5.5	5.649	20		
33	5.5	5.465	20		

34	5.5	5.477	20		
35	5.5	5.686	20		
36	5.5	5.373	20		
37	5.5	5.276	20		
38	5.5	5.384	20		
39	5.5	5.633	20		
40	5.5	5.62	20		
41	5.5	5.634	20		
42	5.5	5.325	20		
43	5.5	5.418	20		
44	5.5	5.349	20		
45	5.5	5.618	20		
46	5.5	5.692	20		
47	5.5	5.307	20		
48	5.5	5.589	20		
49	5.5	5.639	20		
50	5.5	5.693	20		
51	5.5	5.381	20		
52	5.5	5.365	20		
53	5.5	5.382	20		
54	5.5	5.567	20		
55	5.5	5.278	20		
56	5.5	5.337	20		
57	5.5	5.546	20		
58	5.5	5.416	20		
59	5.5	5.642	20		
60	5.5	5.479	20		
61	5.5	5.595	20		
62	5.5	5.551	20		
63	5.5	5.435	20		
64	5.5	5.306	20		
65	5.5	5.582	20		
66	5.5	5.364	20		
67	5.5	5.606	20		
68	5.5	5.295	20		
69	5.5	5.485	20		
70	5.5	5.38	20		
71	5.5	5.673	20		
72	5.5	5.563	20		
73	5.5	5.34	20		
74	5.5	5.436	20		
75	5.5	5.483	20		
76	5.5	5.403	20		
77	5.5	5.338	20		
78	5.5	5.536	20		
79	5.5	5.334	20		
80	5.5	5.36	20		
81	5.5	5.659	20		
82	5.5	5.427	20		
83	5.5	5.615	20		
84	5.5	5.469	20		
85	5.5	5.265	20		
86	5.5	5.629	20		
87	5.5	5.611	20		
88	5.5	5.266	20		
89	5.5	5.722	20		
90	5.5	5.422	20		

91	5.5	5.495	20	*	
92	5.5	5.503	20	*	
93	5.5	5.258	20		
94	5.5	5.363	20		
95	5.5	5.407	20		
96	5.5	5.377	20		
97	5.5	5.401	20		
98	5.5	5.511	20		
99	5.5	5.599	20		
100	5.5	5.532	20		
Trail 27					
1	5.5	5.697	20		
2	5.5	5.619	20		
3	5.5	5.68	20		
4	5.5	5.628	20		
5	5.5	5.526	20		
6	5.5	5.603	20		
7	5.5	5.505	20	*	
8	5.5	5.256	20		
9	5.5	5.285	20		
10	5.5	5.453	20		
11	5.5	5.581	20		
12	5.5	5.254	20		
13	5.5	5.5	20	*	
14	5.5	5.485	20		
15	5.5	5.668	20		
16	5.5	5.274	20		
17	5.5	5.297	20		
18	5.5	5.523	20		
19	5.5	5.457	20		
20	5.5	5.406	20		
21	5.5	5.428	20		
22	5.5	5.553	20		
23	5.5	5.461	20		
24	5.5	5.311	20		
25	5.5	5.549	20		
26	5.5	5.374	20		
27	5.5	5.691	20		
28	5.5	5.484	20		
29	5.5	5.496	20	*	
30	5.5	5.574	20		
31	5.5	5.571	20		
32	5.5	5.32	20		
33	5.5	5.449	20		
34	5.5	5.417	20		
35	5.5	5.612	20		
36	5.5	5.328	20		
37	5.5	5.272	20		
38	5.5	5.482	20		
39	5.5	5.507	20	*	
40	5.5	5.371	20		
41	5.5	5.459	20		
42	5.5	5.403	20		
43	5.5	5.667	20		
44	5.5	5.267	20		
45	5.5	5.407	20		
46	5.5	5.493	20	*	

47	5.5	5.567	20		
48	5.5	5.717	20		
49	5.5	5.515	20		
50	5.5	5.313	20		
51	5.5	5.722	20		
52	5.5	5.593	20		
53	5.5	5.627	20		
54	5.5	5.469	20		
55	5.5	5.563	20		
56	5.5	5.64	20		
57	5.5	5.706	20		
58	5.5	5.318	20		
59	5.5	5.44	20		
60	5.5	5.268	20		
61	5.5	5.534	20		
62	5.5	5.622	20		
63	5.5	5.589	20		
64	5.5	5.705	20		
65	5.5	5.414	20		
66	5.5	5.548	20		
67	5.5	5.344	20		
68	5.5	5.514	20		
69	5.5	5.314	20		
70	5.5	5.504	20	*	
71	5.5	5.683	20		
72	5.5	5.585	20		
73	5.5	5.441	20		
74	5.5	5.376	20		
75	5.5	5.666	20		
76	5.5	5.347	20		
77	5.5	5.513	20		
78	5.5	5.467	20		
79	5.5	5.331	20		
80	5.5	5.546	20		
81	5.5	5.396	20		
82	5.5	5.324	20		
83	5.5	5.489	20		
84	5.5	5.418	20		
85	5.5	5.389	20		
86	5.5	5.276	20		
87	5.5	5.689	20		
88	5.5	5.595	20		
89	5.5	5.475	20		
90	5.5	5.562	20		
91	5.5	5.679	20		
92	5.5	5.46	20		
93	5.5	5.653	20		
94	5.5	5.508	20	*	
95	5.5	5.345	20		
96	5.5	5.352	20		
97	5.5	5.385	20		
98	5.5	5.479	20		
99	5.5	5.359	20		
100	5.5	5.431	20		
Trail 28					
1	5.5	5.678	20		
2	5.5	5.563	20		

3	5.5	5.64	20		
4	5.5	5.348	20		
5	5.5	5.699	20		
6	5.5	5.528	20		
7	5.5	5.675	20		
8	5.5	5.43	20		
9	5.5	5.566	20		
10	5.5	5.406	20		
11	5.5	5.41	20		
12	5.5	5.416	20		
13	5.5	5.301	20		
14	5.5	5.292	20		
15	5.5	5.33	20		
16	5.5	5.346	20		
17	5.5	5.711	20		
18	5.5	5.421	20		
19	5.5	5.495	20	*	
20	5.5	5.436	20		
21	5.5	5.619	20		
22	5.5	5.615	20		
23	5.5	5.544	20		
24	5.5	5.66	20		
25	5.5	5.593	20		
26	5.5	5.698	20		
27	5.5	5.51	20	*	
28	5.5	5.697	20		
29	5.5	5.384	20		
30	5.5	5.532	20		
31	5.5	5.63	20		
32	5.5	5.336	20		
33	5.5	5.554	20		
34	5.5	5.279	20		
35	5.5	5.355	20		
36	5.5	5.443	20		
37	5.5	5.586	20		
38	5.5	5.625	20		
39	5.5	5.295	20		
40	5.5	5.435	20		
41	5.5	5.423	20		
42	5.5	5.39	20		
43	5.5	5.562	20		
44	5.5	5.305	20		
45	5.5	5.538	20		
46	5.5	5.602	20		
47	5.5	5.654	20		
48	5.5	5.551	20		
49	5.5	5.674	20		
50	5.5	5.633	20		
51	5.5	5.597	20		
52	5.5	5.573	20		
53	5.5	5.341	20		
54	5.5	5.354	20		
55	5.5	5.499	20	*	
56	5.5	5.474	20		
57	5.5	5.486	20		
58	5.5	5.457	20		
59	5.5	5.449	20		

60	5.5	5.564	20		
61	5.5	5.253	20		
62	5.5	5.442	20		
63	5.5	5.627	20		
64	5.5	5.338	20		
65	5.5	5.319	20		
66	5.5	5.639	20		
67	5.5	5.636	20		
68	5.5	5.411	20		
69	5.5	5.396	20		
70	5.5	5.445	20		
71	5.5	5.635	20		
72	5.5	5.57	20		
73	5.5	5.585	20		
74	5.5	5.65	20		
75	5.5	5.37	20		
76	5.5	5.692	20		
77	5.5	5.361	20		
78	5.5	5.594	20		
79	5.5	5.286	20		
80	5.5	5.506	20	*	
81	5.5	5.327	20		
82	5.5	5.663	20		
83	5.5	5.637	20		
84	5.5	5.557	20		
85	5.5	5.609	20		
86	5.5	5.35	20		
87	5.5	5.721	20		
88	5.5	5.509	20	*	
89	5.5	5.553	20		
90	5.5	5.588	20		
91	5.5	5.272	20		
92	5.5	5.561	20		
93	5.5	5.587	20		
94	5.5	5.428	20		
95	5.5	5.359	20		
96	5.5	5.645	20		
97	5.5	5.344	20		
98	5.5	5.505	20	*	
99	5.5	5.465	20		
100	5.5	5.677	20		
Trail 29					
1	5.5	5.664	20		
2	5.5	5.397	20		
3	5.5	5.446	20		
4	5.5	5.389	20		
5	5.5	5.654	20		
6	5.5	5.402	20		
7	5.5	5.72	20		
8	5.5	5.668	20		
9	5.5	5.319	20		
10	5.5	5.595	20		
11	5.5	5.268	20		
12	5.5	5.712	20		
13	5.5	5.717	20		
14	5.5	5.385	20		
15	5.5	5.65	20		

16	5.5	5.508	20	*	
17	5.5	5.285	20		
18	5.5	5.272	20		
19	5.5	5.367	20		
20	5.5	5.479	20		
21	5.5	5.434	20		
22	5.5	5.596	20		
23	5.5	5.589	20		
24	5.5	5.37	20		
25	5.5	5.577	20		
26	5.5	5.445	20		
27	5.5	5.586	20		
28	5.5	5.615	20		
29	5.5	5.494	20	*	
30	5.5	5.386	20		
31	5.5	5.715	20		
32	5.5	5.316	20		
33	5.5	5.536	20		
34	5.5	5.456	20		
35	5.5	5.382	20		
36	5.5	5.401	20		
37	5.5	5.611	20		
38	5.5	5.543	20		
39	5.5	5.388	20		
40	5.5	5.267	20		
41	5.5	5.61	20		
42	5.5	5.624	20		
43	5.5	5.481	20		
44	5.5	5.565	20		
45	5.5	5.534	20		
46	5.5	5.441	20		
47	5.5	5.613	20		
48	5.5	5.499	20	*	
49	5.5	5.667	20		
50	5.5	5.59	20		
51	5.5	5.69	20		
52	5.5	5.539	20		
53	5.5	5.35	20		
54	5.5	5.376	20		
55	5.5	5.573	20		
56	5.5	5.473	20		
57	5.5	5.27	20		
58	5.5	5.685	20		
59	5.5	5.36	20		
60	5.5	5.413	20		
61	5.5	5.365	20		
62	5.5	5.348	20		
63	5.5	5.394	20		
64	5.5	5.699	20		
65	5.5	5.269	20		
66	5.5	5.463	20		
67	5.5	5.681	20		
68	5.5	5.498	20	*	
69	5.5	5.393	20		
70	5.5	5.373	20		
71	5.5	5.51	20	*	
72	5.5	5.655	20		

73	5.5	5.633	20		
74	5.5	5.582	20		
75	5.5	5.357	20		
76	5.5	5.691	20		
77	5.5	5.511	20		
78	5.5	5.557	20		
79	5.5	5.44	20		
80	5.5	5.323	20		
81	5.5	5.451	20		
82	5.5	5.281	20		
83	5.5	5.567	20		
84	5.5	5.662	20		
85	5.5	5.509	20	*	
86	5.5	5.48	20		
87	5.5	5.361	20		
88	5.5	5.384	20		
89	5.5	5.305	20		
90	5.5	5.302	20		
91	5.5	5.256	20		
92	5.5	5.604	20		
93	5.5	5.292	20		
94	5.5	5.425	20		
95	5.5	5.263	20		
96	5.5	5.419	20		
97	5.5	5.355	20		
98	5.5	5.562	20		
99	5.5	5.682	20		
100	5.5	5.435	20		
Trail 30					
1	5.5	5.493	20	*	
2	5.5	5.687	20		
3	5.5	5.473	20		
4	5.5	5.442	20		
5	5.5	5.539	20		
6	5.5	5.662	20		
7	5.5	5.409	20		
8	5.5	5.259	20		
9	5.5	5.277	20		
10	5.5	5.594	20		
11	5.5	5.617	20		
12	5.5	5.41	20		
13	5.5	5.427	20		
14	5.5	5.587	20		
15	5.5	5.528	20		
16	5.5	5.402	20		
17	5.5	5.558	20		
18	5.5	5.593	20		
19	5.5	5.389	20		
20	5.5	5.641	20		
21	5.5	5.496	20	*	
22	5.5	5.511	20		
23	5.5	5.384	20		
24	5.5	5.557	20		
25	5.5	5.406	20		
26	5.5	5.516	20		
27	5.5	5.614	20		
28	5.5	5.29	20		

29	5.5	5.519	20		
30	5.5	5.686	20		
31	5.5	5.426	20		
32	5.5	5.603	20		
33	5.5	5.301	20		
34	5.5	5.372	20		
35	5.5	5.359	20		
36	5.5	5.583	20		
37	5.5	5.339	20		
38	5.5	5.579	20		
39	5.5	5.507	20	*	
40	5.5	5.612	20		
41	5.5	5.386	20		
42	5.5	5.626	20		
43	5.5	5.395	20		
44	5.5	5.532	20		
45	5.5	5.431	20		
46	5.5	5.363	20		
47	5.5	5.273	20		
48	5.5	5.6	20		
49	5.5	5.705	20		
50	5.5	5.721	20		
51	5.5	5.57	20		
52	5.5	5.694	20		
53	5.5	5.314	20		
54	5.5	5.264	20		
55	5.5	5.317	20		
56	5.5	5.479	20		
57	5.5	5.276	20		
58	5.5	5.287	20		
59	5.5	5.451	20		
60	5.5	5.677	20		
61	5.5	5.713	20		
62	5.5	5.469	20		
63	5.5	5.397	20		
64	5.5	5.468	20		
65	5.5	5.615	20		
66	5.5	5.285	20		
67	5.5	5.576	20		
68	5.5	5.343	20		
69	5.5	5.711	20		
70	5.5	5.645	20		
71	5.5	5.379	20		
72	5.5	5.378	20		
73	5.5	5.398	20		
74	5.5	5.377	20		
75	5.5	5.477	20		
76	5.5	5.684	20		
77	5.5	5.611	20		
78	5.5	5.351	20		
79	5.5	5.369	20		
80	5.5	5.659	20		
81	5.5	5.48	20		
82	5.5	5.704	20		
83	5.5	5.295	20		
84	5.5	5.454	20		
85	5.5	5.599	20		

86	5.5	5.456	20		
87	5.5	5.347	20		
88	5.5	5.385	20		
89	5.5	5.291	20		
90	5.5	5.423	20		
91	5.5	5.472	20		
92	5.5	5.374	20		
93	5.5	5.445	20		
94	5.5	5.666	20		
95	5.5	5.286	20		
96	5.5	5.27	20		
97	5.5	5.627	20		
98	5.5	5.39	20		
99	5.5	5.368	20		
100	5.5	5.362	20		

Radar Type 6 – HT40-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Comments
Trail 1					
1	5.51	5.263	40		
2	5.51	5.374	40		
3	5.51	5.443	40		
4	5.51	5.637	40		
5	5.51	5.409	40		
6	5.51	5.497	40	*	
7	5.51	5.513	40	*	
8	5.51	5.461	40		
9	5.51	5.648	40		
10	5.51	5.32	40		
11	5.51	5.68	40		
12	5.51	5.484	40		
13	5.51	5.487	40		
14	5.51	5.39	40		
15	5.51	5.476	40		
16	5.51	5.26	40		
17	5.51	5.676	40		
18	5.51	5.586	40		
19	5.51	5.389	40		
20	5.51	5.589	40		
21	5.51	5.56	40		
22	5.51	5.34	40		
23	5.51	5.451	40		
24	5.51	5.325	40		
25	5.51	5.407	40		
26	5.51	5.471	40		
27	5.51	5.417	40		
28	5.51	5.354	40		
29	5.51	5.494	40	*	
30	5.51	5.615	40		
31	5.51	5.539	40		
32	5.51	5.277	40		
33	5.51	5.579	40		
34	5.51	5.529	40	*	
35	5.51	5.576	40		
36	5.51	5.59	40		
37	5.51	5.391	40		
38	5.51	5.689	40		
39	5.51	5.384	40		
40	5.51	5.287	40		
41	5.51	5.601	40		
42	5.51	5.534	40		
43	5.51	5.65	40		
44	5.51	5.592	40		
45	5.51	5.532	40		
46	5.51	5.486	40		
47	5.51	5.558	40		
48	5.51	5.313	40		
49	5.51	5.574	40		
50	5.51	5.44	40		

51	5.51	5.36	40		
52	5.51	5.295	40		
53	5.51	5.291	40		
54	5.51	5.45	40		
55	5.51	5.538	40		
56	5.51	5.302	40		
57	5.51	5.602	40		
58	5.51	5.436	40		
59	5.51	5.281	40		
60	5.51	5.401	40		
61	5.51	5.338	40		
62	5.51	5.421	40		
63	5.51	5.716	40		
64	5.51	5.344	40		
65	5.51	5.706	40		
66	5.51	5.265	40		
67	5.51	5.544	40		
68	5.51	5.496	40	*	
69	5.51	5.372	40		
70	5.51	5.435	40		
71	5.51	5.638	40		
72	5.51	5.456	40		
73	5.51	5.562	40		
74	5.51	5.548	40		
75	5.51	5.639	40		
76	5.51	5.254	40		
77	5.51	5.528	40	*	
78	5.51	5.43	40		
79	5.51	5.317	40		
80	5.51	5.723	40		
81	5.51	5.314	40		
82	5.51	5.568	40		
83	5.51	5.512	40	*	
84	5.51	5.522	40	*	
85	5.51	5.256	40		
86	5.51	5.581	40		
87	5.51	5.657	40		
88	5.51	5.411	40		
89	5.51	5.376	40		
90	5.51	5.331	40		
91	5.51	5.685	40		
92	5.51	5.519	40	*	
93	5.51	5.535	40		
94	5.51	5.339	40		
95	5.51	5.255	40		
96	5.51	5.288	40		
97	5.51	5.491	40	*	
98	5.51	5.527	40	*	
99	5.51	5.315	40		
100	5.51	5.692	40		
Trail 2					
1	5.51	5.716	40		
2	5.51	5.294	40		
3	5.51	5.681	40		
4	5.51	5.332	40		
5	5.51	5.678	40		
6	5.51	5.409	40		

7	5.51	5.494	40	*	
8	5.51	5.692	40		
9	5.51	5.385	40		
10	5.51	5.605	40		
11	5.51	5.381	40		
12	5.51	5.259	40		
13	5.51	5.65	40		
14	5.51	5.69	40		
15	5.51	5.515	40	*	
16	5.51	5.533	40		
17	5.51	5.314	40		
18	5.51	5.421	40		
19	5.51	5.668	40		
20	5.51	5.363	40		
21	5.51	5.326	40		
22	5.51	5.574	40		
23	5.51	5.656	40		
24	5.51	5.304	40		
25	5.51	5.627	40		
26	5.51	5.492	40	*	
27	5.51	5.335	40		
28	5.51	5.508	40	*	
29	5.51	5.444	40		
30	5.51	5.301	40		
31	5.51	5.383	40		
32	5.51	5.471	40		
33	5.51	5.538	40		
34	5.51	5.724	40		
35	5.51	5.54	40		
36	5.51	5.398	40		
37	5.51	5.694	40		
38	5.51	5.384	40		
39	5.51	5.256	40		
40	5.51	5.397	40		
41	5.51	5.372	40		
42	5.51	5.554	40		
43	5.51	5.393	40		
44	5.51	5.422	40		
45	5.51	5.495	40	*	
46	5.51	5.257	40		
47	5.51	5.321	40		
48	5.51	5.603	40		
49	5.51	5.673	40		
50	5.51	5.442	40		
51	5.51	5.267	40		
52	5.51	5.67	40		
53	5.51	5.546	40		
54	5.51	5.417	40		
55	5.51	5.285	40		
56	5.51	5.542	40		
57	5.51	5.697	40		
58	5.51	5.38	40		
59	5.51	5.291	40		
60	5.51	5.527	40	*	
61	5.51	5.676	40		
62	5.51	5.615	40		
63	5.51	5.377	40		

64	5.51	5.466	40		
65	5.51	5.338	40		
66	5.51	5.571	40		
67	5.51	5.64	40		
68	5.51	5.266	40		
69	5.51	5.661	40		
70	5.51	5.281	40		
71	5.51	5.275	40		
72	5.51	5.547	40		
73	5.51	5.638	40		
74	5.51	5.394	40		
75	5.51	5.26	40		
76	5.51	5.597	40		
77	5.51	5.698	40		
78	5.51	5.324	40		
79	5.51	5.667	40		
80	5.51	5.56	40		
81	5.51	5.488	40		
82	5.51	5.391	40		
83	5.51	5.626	40		
84	5.51	5.426	40		
85	5.51	5.654	40		
86	5.51	5.341	40		
87	5.51	5.35	40		
88	5.51	5.688	40		
89	5.51	5.36	40		
90	5.51	5.646	40		
91	5.51	5.441	40		
92	5.51	5.382	40		
93	5.51	5.579	40		
94	5.51	5.621	40		
95	5.51	5.295	40		
96	5.51	5.575	40		
97	5.51	5.582	40		
98	5.51	5.42	40		
99	5.51	5.663	40		
100	5.51	5.307	40		
Trail 3					
1	5.51	5.423	40		
2	5.51	5.397	40		
3	5.51	5.545	40		
4	5.51	5.274	40		
5	5.51	5.717	40		
6	5.51	5.461	40		
7	5.51	5.578	40		
8	5.51	5.313	40		
9	5.51	5.35	40		
10	5.51	5.46	40		
11	5.51	5.251	40		
12	5.51	5.324	40		
13	5.51	5.359	40		
14	5.51	5.513	40	*	
15	5.51	5.457	40		
16	5.51	5.641	40		
17	5.51	5.265	40		
18	5.51	5.685	40		
19	5.51	5.289	40		

20	5.51	5.536	40		
21	5.51	5.516	40	*	
22	5.51	5.333	40		
23	5.51	5.502	40	*	
24	5.51	5.535	40		
25	5.51	5.614	40		
26	5.51	5.482	40		
27	5.51	5.28	40		
28	5.51	5.279	40		
29	5.51	5.626	40		
30	5.51	5.312	40		
31	5.51	5.597	40		
32	5.51	5.602	40		
33	5.51	5.505	40	*	
34	5.51	5.53	40	*	
35	5.51	5.426	40		
36	5.51	5.476	40		
37	5.51	5.392	40		
38	5.51	5.568	40		
39	5.51	5.56	40		
40	5.51	5.344	40		
41	5.51	5.365	40		
42	5.51	5.269	40		
43	5.51	5.671	40		
44	5.51	5.406	40		
45	5.51	5.572	40		
46	5.51	5.541	40		
47	5.51	5.552	40		
48	5.51	5.67	40		
49	5.51	5.61	40		
50	5.51	5.358	40		
51	5.51	5.458	40		
52	5.51	5.554	40		
53	5.51	5.508	40	*	
54	5.51	5.706	40		
55	5.51	5.385	40		
56	5.51	5.419	40		
57	5.51	5.43	40		
58	5.51	5.471	40		
59	5.51	5.337	40		
60	5.51	5.704	40		
61	5.51	5.654	40		
62	5.51	5.598	40		
63	5.51	5.609	40		
64	5.51	5.478	40		
65	5.51	5.33	40		
66	5.51	5.624	40		
67	5.51	5.468	40		
68	5.51	5.42	40		
69	5.51	5.376	40		
70	5.51	5.263	40		
71	5.51	5.51	40	*	
72	5.51	5.596	40		
73	5.51	5.421	40		
74	5.51	5.375	40		
75	5.51	5.415	40		
76	5.51	5.59	40		

77	5.51	5.294	40		
78	5.51	5.308	40		
79	5.51	5.321	40		
80	5.51	5.707	40		
81	5.51	5.437	40		
82	5.51	5.577	40		
83	5.51	5.66	40		
84	5.51	5.328	40		
85	5.51	5.587	40		
86	5.51	5.47	40		
87	5.51	5.623	40		
88	5.51	5.667	40		
89	5.51	5.658	40		
90	5.51	5.466	40		
91	5.51	5.546	40		
92	5.51	5.459	40		
93	5.51	5.638	40		
94	5.51	5.648	40		
95	5.51	5.285	40		
96	5.51	5.495	40	*	
97	5.51	5.332	40		
98	5.51	5.636	40		
99	5.51	5.493	40	*	
100	5.51	5.283	40		
Trail 4					
1	5.51	5.255	40		
2	5.51	5.714	40		
3	5.51	5.382	40		
4	5.51	5.263	40		
5	5.51	5.253	40		
6	5.51	5.496	40	*	
7	5.51	5.427	40		
8	5.51	5.451	40		
9	5.51	5.547	40		
10	5.51	5.295	40		
11	5.51	5.584	40		
12	5.51	5.301	40		
13	5.51	5.684	40		
14	5.51	5.673	40		
15	5.51	5.505	40	*	
16	5.51	5.336	40		
17	5.51	5.362	40		
18	5.51	5.323	40		
19	5.51	5.313	40		
20	5.51	5.71	40		
21	5.51	5.449	40		
22	5.51	5.632	40		
23	5.51	5.56	40		
24	5.51	5.52	40	*	
25	5.51	5.64	40		
26	5.51	5.309	40		
27	5.51	5.354	40		
28	5.51	5.265	40		
29	5.51	5.62	40		
30	5.51	5.37	40		
31	5.51	5.683	40		
32	5.51	5.394	40		

33	5.51	5.687	40		
34	5.51	5.268	40		
35	5.51	5.491	40	*	
36	5.51	5.647	40		
37	5.51	5.628	40		
38	5.51	5.511	40	*	
39	5.51	5.693	40		
40	5.51	5.597	40		
41	5.51	5.49	40	*	
42	5.51	5.668	40		
43	5.51	5.536	40		
44	5.51	5.561	40		
45	5.51	5.305	40		
46	5.51	5.669	40		
47	5.51	5.408	40		
48	5.51	5.395	40		
49	5.51	5.307	40		
50	5.51	5.718	40		
51	5.51	5.513	40	*	
52	5.51	5.252	40		
53	5.51	5.631	40		
54	5.51	5.438	40		
55	5.51	5.604	40		
56	5.51	5.66	40		
57	5.51	5.715	40		
58	5.51	5.276	40		
59	5.51	5.58	40		
60	5.51	5.371	40		
61	5.51	5.368	40		
62	5.51	5.585	40		
63	5.51	5.602	40		
64	5.51	5.271	40		
65	5.51	5.498	40	*	
66	5.51	5.287	40		
67	5.51	5.376	40		
68	5.51	5.25	40		
69	5.51	5.38	40		
70	5.51	5.312	40		
71	5.51	5.46	40		
72	5.51	5.645	40		
73	5.51	5.59	40		
74	5.51	5.461	40		
75	5.51	5.495	40	*	
76	5.51	5.485	40		
77	5.51	5.33	40		
78	5.51	5.666	40		
79	5.51	5.441	40		
80	5.51	5.448	40		
81	5.51	5.634	40		
82	5.51	5.342	40		
83	5.51	5.67	40		
84	5.51	5.512	40	*	
85	5.51	5.719	40		
86	5.51	5.331	40		
87	5.51	5.637	40		
88	5.51	5.393	40		
89	5.51	5.397	40		