

EXHIBIT 4

**Tables Required by 25.222(b)(1)(i) to
Demonstrate Compliance with 25.222(a)(1)(i)**



Sailor 600 Ku EIRP sd(A)

August 2016
Ref: Version 1

1. EIRP SD(A) DATA TABLE

Angle	TX EIRP	EIRP mask	Margin
-178.99	-32.60	-14.00	18.60
-178.89	-34.90	-14.00	20.90
-178.79	-37.29	-14.00	23.29
-178.69	-40.49	-14.00	26.49
-178.59	-47.34	-14.00	33.34
-178.49	-49.65	-14.00	35.65
-178.39	-44.28	-14.00	30.28
-178.28	-40.14	-14.00	26.14
-178.18	-37.21	-14.00	23.21
-178.08	-36.75	-14.00	22.75
-177.98	-35.58	-14.00	21.58
-177.88	-34.96	-14.00	20.96
-177.78	-34.59	-14.00	20.59
-177.68	-34.81	-14.00	20.81
-177.58	-34.88	-14.00	20.88
-177.48	-35.44	-14.00	21.44
-177.38	-36.78	-14.00	22.78
-177.28	-37.32	-14.00	23.32
-177.18	-39.91	-14.00	25.91
-177.08	-40.81	-14.00	26.81
-176.98	-43.18	-14.00	29.18
-176.88	-43.63	-14.00	29.63
-176.78	-43.72	-14.00	29.72
-176.68	-41.17	-14.00	27.17
-176.58	-41.10	-14.00	27.10
-176.47	-39.66	-14.00	25.66
-176.38	-38.29	-14.00	24.29
-176.27	-37.95	-14.00	23.95
-176.18	-36.64	-14.00	22.64
-176.07	-35.48	-14.00	21.48
-175.97	-35.87	-14.00	21.87
-175.87	-34.55	-14.00	20.55
-175.77	-34.45	-14.00	20.45
-175.67	-33.89	-14.00	19.89
-175.57	-34.61	-14.00	20.61
-175.47	-34.44	-14.00	20.44
-175.37	-34.65	-14.00	20.65
-175.27	-37.23	-14.00	23.23
-175.17	-38.72	-14.00	24.72
-175.07	-40.50	-14.00	26.50

Angle	TX EIRP	EIRP mask	Margin
-0.97	13.52	99.00	85.48
-0.87	14.06	99.00	84.94
-0.76	14.45	99.00	84.55
-0.66	14.88	99.00	84.13
-0.57	15.26	99.00	83.74
-0.46	15.56	99.00	83.45
-0.36	15.80	99.00	83.20
-0.26	15.97	99.00	83.03
-0.16	16.06	99.00	82.94
-0.06	16.10	99.00	82.90
0.04	16.09	99.00	82.91
0.14	16.00	99.00	83.00
0.24	15.87	99.00	83.14
0.34	15.67	99.00	83.33
0.44	15.45	99.00	83.55
0.54	15.20	99.00	83.80
0.64	14.87	99.00	84.13
0.74	14.49	99.00	84.51
0.84	14.07	99.00	84.93
0.94	13.66	99.00	85.34
1.04	13.13	99.00	85.88
1.14	12.53	99.00	86.47
1.24	11.83	99.00	87.17
1.34	11.01	99.00	88.00
1.44	10.11	99.00	88.90
1.54	9.09	10.34	1.25
1.64	7.97	9.66	1.68
1.74	6.67	9.02	2.35
1.84	5.20	8.40	3.20
1.94	3.54	7.83	4.29
2.04	1.59	7.28	5.69
2.14	-0.66	6.76	7.42
2.24	-3.49	6.26	9.75
2.34	-7.25	5.78	13.04
2.44	-13.07	5.33	18.41
2.54	-28.65	4.89	33.54
2.64	-17.56	4.48	22.03
2.74	-11.18	4.08	15.26
2.84	-8.03	3.68	11.71
2.94	-6.08	3.31	9.39

Angle	TX EIRP	EIRP mask	Margin
-174.97	-44.17	-14.00	30.17
-174.87	-49.34	-14.00	35.34
-174.77	-49.68	-14.00	35.68
-174.67	-47.27	-14.00	33.27
-174.57	-45.77	-14.00	31.77
-174.47	-44.79	-14.00	30.79
-174.37	-43.10	-14.00	29.10
-174.27	-43.10	-14.00	29.10
-174.17	-43.28	-14.00	29.28
-174.07	-41.50	-14.00	27.50
-173.97	-41.16	-14.00	27.16
-173.87	-39.44	-14.00	25.44
-173.77	-38.62	-14.00	24.62
-173.67	-36.66	-14.00	22.66
-173.56	-37.54	-14.00	23.54
-173.47	-37.99	-14.00	23.99
-173.36	-38.12	-14.00	24.12
-173.27	-39.07	-14.00	25.07
-173.17	-39.88	-14.00	25.88
-173.07	-42.26	-14.00	28.26
-172.97	-48.63	-14.00	34.63
-172.87	-51.11	-14.00	37.11
-172.76	-57.60	-14.00	43.60
-172.67	-49.00	-14.00	35.00
-172.56	-46.54	-14.00	32.54
-172.46	-44.82	-14.00	30.82
-172.37	-43.66	-14.00	29.66
-172.26	-43.63	-14.00	29.63
-172.16	-43.10	-14.00	29.10
-172.07	-44.67	-14.00	30.67
-171.97	-43.80	-14.00	29.80
-171.87	-47.35	-14.00	33.35
-171.76	-45.83	-14.00	31.83
-171.67	-45.48	-14.00	31.48
-171.57	-41.71	-14.00	27.71
-171.47	-41.38	-14.00	27.38
-171.36	-39.72	-14.00	25.72
-171.26	-38.68	-14.00	24.68
-171.17	-37.51	-14.00	23.51
-171.06	-36.45	-14.00	22.45
-170.97	-35.41	-14.00	21.41
-170.87	-34.59	-14.00	20.59

Angle	TX EIRP	EIRP mask	Margin
3.04	-4.87	2.94	7.81
3.14	-4.07	2.59	6.66
3.24	-3.63	2.25	5.87
3.34	-3.43	1.92	5.35
3.44	-3.47	1.60	5.07
3.53	-3.63	1.29	4.93
3.64	-4.01	0.98	4.99
3.74	-4.52	0.69	5.21
3.84	-5.16	0.40	5.56
3.94	-5.94	0.12	6.06
4.04	-6.90	-0.15	6.75
4.14	-7.91	-0.41	7.50
4.23	-9.08	-0.67	8.41
4.34	-10.40	-0.93	9.47
4.44	-11.80	-1.17	10.63
4.54	-13.35	-1.42	11.93
4.64	-14.91	-1.65	13.26
4.74	-16.57	-1.89	14.68
4.83	-18.01	-2.11	15.90
4.94	-19.43	-2.33	17.10
5.04	-20.38	-2.55	17.83
5.14	-21.06	-2.76	18.30
5.24	-21.25	-2.97	18.27
5.34	-21.00	-3.18	17.82
5.44	-20.34	-3.38	16.96
5.54	-19.50	-3.58	15.92
5.64	-18.42	-3.77	14.65
5.74	-17.30	-3.97	13.33
5.84	-16.14	-4.15	11.99
5.94	-15.12	-4.34	10.78
6.04	-14.13	-4.52	9.62
6.14	-13.27	-4.70	8.57
6.24	-12.47	-4.87	7.59
6.34	-11.79	-5.04	6.74
6.43	-11.29	-5.21	6.08
6.54	-10.82	-5.38	5.44
6.64	-10.60	-5.55	5.05
6.74	-10.44	-5.71	4.73
6.84	-10.39	-5.87	4.52
6.94	-10.50	-6.03	4.47
7.04	-10.74	-6.00	4.74
7.14	-11.08	-6.00	5.08

Angle	TX EIRP	EIRP mask	Margin
-170.77	-34.27	-14.00	20.27
-170.66	-33.50	-14.00	19.50
-170.56	-33.78	-14.00	19.78
-170.47	-34.16	-14.00	20.16
-170.36	-34.49	-14.00	20.49
-170.26	-35.36	-14.00	21.36
-170.16	-35.15	-14.00	21.15
-170.07	-35.56	-14.00	21.56
-169.96	-35.72	-14.00	21.72
-169.86	-34.60	-14.00	20.60
-169.77	-34.60	-14.00	20.60
-169.66	-33.04	-14.00	19.04
-169.56	-32.04	-14.00	18.04
-169.46	-31.94	-14.00	17.94
-169.36	-31.28	-14.00	17.28
-169.26	-31.63	-14.00	17.63
-169.16	-31.94	-14.00	17.94
-169.07	-32.90	-14.00	18.90
-168.96	-34.19	-14.00	20.19
-168.86	-37.63	-14.00	23.63
-168.76	-39.97	-14.00	25.97
-168.67	-45.28	-14.00	31.28
-168.56	-40.19	-14.00	26.19
-168.47	-36.19	-14.00	22.19
-168.36	-33.58	-14.00	19.58
-168.26	-31.73	-14.00	17.73
-168.16	-30.41	-14.00	16.41
-168.07	-29.65	-14.00	15.65
-167.96	-29.40	-14.00	15.40
-167.87	-29.52	-14.00	15.52
-167.77	-30.29	-14.00	16.29
-167.67	-31.58	-14.00	17.58
-167.56	-33.22	-14.00	19.22
-167.46	-34.69	-14.00	20.69
-167.36	-37.27	-14.00	23.27
-167.27	-40.47	-14.00	26.47
-167.17	-39.30	-14.00	25.30
-167.06	-37.39	-14.00	23.39
-166.96	-35.89	-14.00	21.89
-166.86	-35.06	-14.00	21.06
-166.77	-33.80	-14.00	19.80
-166.66	-34.40	-14.00	20.40

Angle	TX EIRP	EIRP mask	Margin
7.24	-11.59	-6.00	5.59
7.34	-12.18	-6.00	6.18
7.44	-12.88	-6.00	6.88
7.54	-13.77	-6.00	7.77
7.64	-14.87	-6.00	8.87
7.74	-16.16	-6.00	10.16
7.84	-17.65	-6.00	11.65
7.94	-19.42	-6.00	13.42
8.04	-21.62	-6.00	15.62
8.14	-24.36	-6.00	18.36
8.24	-27.78	-6.00	21.78
8.34	-32.90	-6.00	26.90
8.44	-36.91	-6.00	30.91
8.54	-34.29	-6.00	28.29
8.64	-30.52	-6.00	24.52
8.74	-28.40	-6.00	22.40
8.84	-27.00	-6.00	21.00
8.94	-26.15	-6.00	20.15
9.04	-25.81	-6.00	19.81
9.14	-25.99	-6.00	19.99
9.24	-26.45	-6.14	20.31
9.34	-27.23	-6.25	20.97
9.44	-27.96	-6.37	21.59
9.54	-28.77	-6.49	22.29
9.64	-29.00	-6.60	22.41
9.74	-29.20	-6.71	22.49
9.84	-28.41	-6.82	21.59
9.94	-27.27	-6.93	20.34
10.04	-26.06	-7.04	19.02
10.13	-24.99	-7.14	17.84
10.24	-23.98	-7.25	16.73
10.34	-23.28	-7.36	15.92
10.44	-22.93	-7.46	15.46
10.54	-22.63	-7.57	15.07
10.64	-22.70	-7.67	15.03
10.74	-22.78	-7.77	15.01
10.84	-23.09	-7.87	15.22
10.94	-23.68	-7.97	15.71
11.04	-24.23	-8.07	16.16
11.14	-25.08	-8.17	16.91
11.23	-26.13	-8.26	17.86
11.34	-26.87	-8.36	18.51

Angle	TX EIRP	EIRP mask	Margin
-166.56	-34.57	-14.00	20.57
-166.46	-35.98	-14.00	21.98
-166.36	-37.20	-14.00	23.20
-166.26	-39.06	-14.00	25.06
-166.16	-41.10	-14.00	27.10
-166.06	-43.36	-14.00	29.36
-165.97	-42.84	-14.00	28.84
-165.86	-42.34	-14.00	28.34
-165.76	-42.23	-14.00	28.23
-165.66	-40.79	-14.00	26.79
-165.56	-41.23	-14.00	27.23
-165.46	-41.70	-14.00	27.70
-165.36	-43.62	-14.00	29.62
-165.27	-42.73	-14.00	28.73
-165.17	-42.06	-14.00	28.06
-165.06	-40.38	-14.00	26.38
-164.97	-38.97	-14.00	24.97
-164.87	-38.35	-14.00	24.35
-164.76	-37.58	-14.00	23.58
-164.67	-37.78	-14.00	23.78
-164.57	-38.06	-14.00	24.06
-164.47	-37.49	-14.00	23.49
-164.36	-38.84	-14.00	24.84
-164.27	-39.72	-14.00	25.72
-164.17	-40.48	-14.00	26.48
-164.07	-41.08	-14.00	27.08
-163.96	-40.32	-14.00	26.32
-163.86	-39.68	-14.00	25.68
-163.77	-41.34	-14.00	27.34
-163.67	-40.25	-14.00	26.25
-163.56	-42.06	-14.00	28.06
-163.46	-43.01	-14.00	29.01
-163.37	-43.28	-14.00	29.28
-163.26	-42.50	-14.00	28.50
-163.16	-44.26	-14.00	30.26
-163.06	-43.74	-14.00	29.74
-162.96	-43.10	-14.00	29.10
-162.86	-42.99	-14.00	28.99
-162.76	-41.98	-14.00	27.98
-162.66	-40.63	-14.00	26.63
-162.56	-40.24	-14.00	26.24
-162.47	-40.92	-14.00	26.92

Angle	TX EIRP	EIRP mask	Margin
11.44	-27.62	-8.46	19.16
11.54	-27.96	-8.55	19.41
11.64	-27.39	-8.65	18.74
11.74	-26.48	-8.74	17.74
11.84	-25.50	-8.83	16.67
11.94	-24.45	-8.92	15.52
12.04	-23.57	-9.01	14.55
12.14	-22.61	-9.10	13.51
12.24	-22.14	-9.19	12.95
12.34	-21.56	-9.28	12.28
12.44	-21.11	-9.37	11.74
12.54	-20.80	-9.46	11.34
12.64	-20.61	-9.54	11.07
12.73	-20.54	-9.62	10.92
12.84	-20.53	-9.71	10.82
12.94	-20.76	-9.80	10.96
13.04	-20.97	-9.88	11.09
13.14	-21.45	-9.96	11.49
13.24	-21.90	-10.04	11.86
13.34	-22.52	-10.12	12.40
13.43	-23.30	-10.21	13.09
13.54	-24.20	-10.29	13.91
13.64	-25.12	-10.37	14.75
13.74	-26.26	-10.45	15.81
13.84	-27.44	-10.52	16.92
13.94	-28.46	-10.60	17.86
14.04	-29.70	-10.68	19.02
14.14	-31.33	-10.76	20.57
14.24	-32.26	-10.83	21.42
14.34	-32.87	-10.91	21.96
14.44	-33.43	-10.99	22.44
14.54	-33.42	-11.06	22.36
14.63	-33.18	-11.13	22.04
14.74	-32.27	-11.21	21.06
14.84	-31.41	-11.28	20.12
14.94	-30.13	-11.36	18.77
15.04	-29.20	-11.43	17.77
15.14	-28.17	-11.50	16.66
15.24	-27.11	-11.57	15.54
15.34	-25.98	-11.64	14.33
15.44	-25.06	-11.71	13.34
15.54	-24.50	-11.78	12.72

Angle	TX EIRP	EIRP mask	Margin
-162.37	-40.93	-14.00	26.93
-162.26	-41.75	-14.00	27.75
-162.16	-43.75	-14.00	29.75
-162.07	-42.26	-14.00	28.26
-161.97	-44.63	-14.00	30.63
-161.86	-47.43	-14.00	33.43
-161.77	-45.74	-14.00	31.74
-161.67	-49.54	-14.00	35.54
-161.57	-55.20	-14.00	41.20
-161.46	-51.89	-14.00	37.89
-161.36	-53.69	-14.00	39.69
-161.27	-48.07	-14.00	34.07
-161.16	-45.69	-14.00	31.69
-161.06	-43.52	-14.00	29.52
-160.97	-42.58	-14.00	28.58
-160.87	-41.18	-14.00	27.18
-160.77	-39.54	-14.00	25.54
-160.66	-39.25	-14.00	25.25
-160.57	-39.01	-14.00	25.01
-160.47	-39.35	-14.00	25.35
-160.36	-40.02	-14.00	26.02
-160.26	-40.05	-14.00	26.05
-160.16	-42.38	-14.00	28.38
-160.07	-45.79	-14.00	31.79
-159.96	-53.14	-14.00	39.14
-159.86	-57.06	-14.00	43.06
-159.76	-49.07	-14.00	35.07
-159.67	-44.90	-14.00	30.90
-159.56	-42.59	-14.00	28.59
-159.47	-39.10	-14.00	25.10
-159.37	-37.58	-14.00	23.58
-159.26	-36.77	-14.00	22.77
-159.17	-36.49	-14.00	22.49
-159.07	-35.92	-14.00	21.92
-158.97	-35.45	-14.00	21.45
-158.87	-36.07	-14.00	22.07
-158.77	-35.22	-14.00	21.22
-158.66	-36.41	-14.00	22.41
-158.56	-37.31	-14.00	23.31
-158.46	-37.60	-14.00	23.60
-158.36	-37.95	-14.00	23.95
-158.27	-38.41	-14.00	24.41

Angle	TX EIRP	EIRP mask	Margin
15.64	-23.89	-11.85	12.04
15.74	-23.10	-11.92	11.18
15.84	-22.73	-11.99	10.73
15.94	-22.29	-12.06	10.23
16.04	-22.22	-12.13	10.09
16.13	-21.98	-12.19	9.79
16.24	-22.12	-12.26	9.86
16.34	-22.14	-12.33	9.81
16.44	-22.36	-12.39	9.97
16.54	-22.65	-12.46	10.19
16.64	-23.06	-12.53	10.53
16.74	-23.70	-12.59	11.11
16.84	-24.22	-12.66	11.56
16.94	-25.10	-12.72	12.38
17.04	-25.90	-12.78	13.11
17.14	-26.96	-12.85	14.12
17.24	-28.45	-12.91	15.54
17.34	-29.80	-12.97	16.83
17.44	-31.61	-13.04	18.57
17.54	-34.18	-13.10	21.09
17.64	-38.34	-13.16	25.18
17.74	-42.23	-13.22	29.00
17.84	-46.09	-13.28	32.80
17.94	-42.25	-13.34	28.91
18.04	-39.19	-13.40	25.78
18.14	-37.53	-13.46	24.06
18.24	-35.27	-13.52	21.74
18.34	-34.28	-13.58	20.69
18.44	-34.07	-13.64	20.42
18.54	-33.91	-13.70	20.21
18.64	-34.27	-13.76	20.51
18.74	-34.72	-13.82	20.90
18.84	-35.13	-13.87	21.25
18.94	-36.74	-13.93	22.80
19.04	-39.31	-13.99	25.32
19.14	-40.68	-14.00	26.68
19.24	-42.94	-14.00	28.94
19.34	-40.90	-14.00	26.90
19.44	-38.00	-14.00	24.00
19.54	-35.94	-14.00	21.94
19.64	-34.66	-14.00	20.66
19.74	-32.88	-14.00	18.88

Angle	TX EIRP	EIRP mask	Margin
-158.17	-38.95	-14.00	24.95
-158.06	-41.01	-14.00	27.01
-157.96	-41.82	-14.00	27.82
-157.86	-43.57	-14.00	29.57
-157.76	-44.10	-14.00	30.10
-157.67	-44.47	-14.00	30.47
-157.56	-44.40	-14.00	30.40
-157.46	-42.65	-14.00	28.65
-157.36	-40.54	-14.00	26.54
-157.27	-39.80	-14.00	25.80
-157.17	-38.29	-14.00	24.29
-157.06	-36.72	-14.00	22.72
-156.97	-36.85	-14.00	22.85
-156.87	-36.82	-14.00	22.82
-156.77	-37.38	-14.00	23.38
-156.67	-37.76	-14.00	23.76
-156.57	-39.87	-14.00	25.87
-156.46	-41.88	-14.00	27.88
-156.36	-44.77	-14.00	30.77
-156.27	-48.18	-14.00	34.18
-156.16	-68.64	-14.00	54.64
-156.07	-49.41	-14.00	35.41
-155.97	-45.71	-14.00	31.71
-155.86	-41.06	-14.00	27.06
-155.77	-39.15	-14.00	25.15
-155.67	-37.76	-14.00	23.76
-155.56	-36.58	-14.00	22.58
-155.47	-36.10	-14.00	22.10
-155.36	-35.71	-14.00	21.71
-155.26	-35.32	-14.00	21.32
-155.16	-35.66	-14.00	21.66
-155.06	-35.32	-14.00	21.32
-154.97	-35.61	-14.00	21.61
-154.87	-35.92	-14.00	21.92
-154.76	-36.78	-14.00	22.78
-154.66	-38.13	-14.00	24.13
-154.56	-39.61	-14.00	25.61
-154.46	-42.03	-14.00	28.03
-154.36	-43.91	-14.00	29.91
-154.26	-46.62	-14.00	32.62
-154.17	-49.35	-14.00	35.35
-154.06	-48.98	-14.00	34.98

Angle	TX EIRP	EIRP mask	Margin
19.84	-31.74	-14.00	17.74
19.94	-30.97	-14.00	16.97
20.04	-30.51	-14.00	16.51
20.14	-29.65	-14.00	15.65
20.24	-29.85	-14.00	15.85
20.34	-29.67	-14.00	15.67
20.44	-29.35	-14.00	15.35
20.54	-29.72	-14.00	15.72
20.64	-29.39	-14.00	15.39
20.74	-29.75	-14.00	15.75
20.83	-30.60	-14.00	16.60
20.94	-31.20	-14.00	17.20
21.04	-32.04	-14.00	18.04
21.14	-33.02	-14.00	19.02
21.24	-34.15	-14.00	20.15
21.34	-35.35	-14.00	21.35
21.44	-37.55	-14.00	23.55
21.54	-41.07	-14.00	27.07
21.63	-44.24	-14.00	30.24
21.74	-51.13	-14.00	37.13
21.84	-52.58	-14.00	38.58
21.94	-50.38	-14.00	36.38
22.04	-46.86	-14.00	32.86
22.14	-46.40	-14.00	32.40
22.24	-44.15	-14.00	30.15
22.34	-42.01	-14.00	28.01
22.44	-40.82	-14.00	26.82
22.54	-39.20	-14.00	25.20
22.64	-38.13	-14.00	24.13
22.74	-36.55	-14.00	22.55
22.84	-35.33	-14.00	21.33
22.94	-33.84	-14.00	19.84
23.04	-32.86	-14.00	18.86
23.14	-31.50	-14.00	17.50
23.24	-31.03	-14.00	17.03
23.34	-29.83	-14.00	15.83
23.44	-28.87	-14.00	14.87
23.54	-28.38	-14.00	14.38
23.64	-28.19	-14.00	14.19
23.74	-27.66	-14.00	13.66
23.84	-27.46	-14.00	13.46
23.94	-27.26	-14.00	13.26

Angle	TX EIRP	EIRP mask	Margin
-153.97	-45.95	-14.00	31.95
-153.86	-42.46	-14.00	28.46
-153.76	-40.09	-14.00	26.09
-153.66	-38.82	-14.00	24.82
-153.56	-37.42	-14.00	23.42
-153.46	-36.04	-14.00	22.04
-153.36	-35.35	-14.00	21.35
-153.26	-35.31	-14.00	21.31
-153.16	-34.69	-14.00	20.69
-153.06	-34.75	-14.00	20.75
-152.96	-35.06	-14.00	21.06
-152.86	-35.19	-14.00	21.19
-152.76	-35.73	-14.00	21.73
-152.67	-37.09	-14.00	23.09
-152.56	-38.17	-14.00	24.17
-152.46	-38.74	-14.00	24.74
-152.37	-41.22	-14.00	27.22
-152.27	-43.62	-14.00	29.62
-152.16	-48.98	-14.00	34.98
-152.06	-52.39	-14.00	38.39
-151.96	-60.08	-14.00	46.08
-151.86	-54.19	-14.00	40.19
-151.76	-49.10	-14.00	35.10
-151.67	-47.32	-14.00	33.32
-151.56	-44.23	-14.00	30.23
-151.46	-42.99	-14.00	28.99
-151.37	-42.18	-14.00	28.18
-151.27	-42.50	-14.00	28.50
-151.17	-42.57	-14.00	28.57
-151.06	-42.03	-14.00	28.03
-150.96	-43.09	-14.00	29.09
-150.86	-44.61	-14.00	30.61
-150.76	-43.57	-14.00	29.57
-150.67	-44.22	-14.00	30.22
-150.56	-45.66	-14.00	31.66
-150.47	-46.38	-14.00	32.38
-150.36	-49.96	-14.00	35.96
-150.26	-54.26	-14.00	40.26
-150.16	-58.31	-14.00	44.31
-150.06	-55.60	-14.00	41.60
-149.97	-57.66	-14.00	43.66
-149.86	-54.45	-14.00	40.45

Angle	TX EIRP	EIRP mask	Margin
24.04	-27.07	-14.00	13.07
24.14	-26.80	-14.00	12.80
24.24	-26.89	-14.00	12.89
24.34	-27.01	-14.00	13.01
24.44	-26.98	-14.00	12.98
24.54	-27.63	-14.00	13.63
24.64	-27.60	-14.00	13.60
24.74	-28.24	-14.00	14.24
24.83	-28.49	-14.00	14.49
24.94	-28.99	-14.00	14.99
25.04	-29.84	-14.00	15.84
25.14	-30.02	-14.00	16.02
25.24	-30.43	-14.00	16.43
25.34	-31.50	-14.00	17.50
25.44	-31.88	-14.00	17.88
25.54	-32.48	-14.00	18.48
25.64	-33.15	-14.00	19.15
25.73	-33.74	-14.00	19.74
25.84	-34.04	-14.00	20.04
25.94	-34.67	-14.00	20.67
26.04	-34.45	-14.00	20.45
26.14	-35.08	-14.00	21.08
26.24	-35.04	-14.00	21.04
26.34	-35.12	-14.00	21.12
26.44	-35.88	-14.00	21.88
26.54	-35.37	-14.00	21.37
26.64	-35.41	-14.00	21.41
26.73	-34.83	-14.00	20.83
26.84	-34.53	-14.00	20.53
26.94	-33.84	-14.00	19.84
27.04	-33.44	-14.00	19.44
27.14	-32.24	-14.00	18.24
27.23	-32.00	-14.00	18.00
27.34	-30.94	-14.00	16.94
27.44	-30.49	-14.00	16.49
27.54	-29.68	-14.00	15.68
27.64	-29.44	-14.00	15.44
27.74	-28.39	-14.00	14.39
27.84	-28.40	-14.00	14.40
27.94	-27.94	-14.00	13.94
28.04	-27.75	-14.00	13.75
28.14	-27.97	-14.00	13.97

Angle	TX EIRP	EIRP mask	Margin
-149.77	-48.99	-14.00	34.99
-149.67	-46.38	-14.00	32.38
-149.56	-44.39	-14.00	30.39
-149.47	-41.63	-14.00	27.63
-149.37	-41.15	-14.00	27.15
-149.27	-39.78	-14.00	25.78
-149.16	-39.25	-14.00	25.25
-149.06	-39.38	-14.00	25.38
-148.96	-39.32	-14.00	25.32
-148.86	-38.68	-14.00	24.68
-148.76	-39.03	-14.00	25.03
-148.67	-40.01	-14.00	26.01
-148.57	-41.99	-14.00	27.99
-148.46	-43.41	-14.00	29.41
-148.37	-45.85	-14.00	31.85
-148.27	-46.03	-14.00	32.03
-148.17	-50.33	-14.00	36.33
-148.06	-50.99	-14.00	36.99
-147.97	-45.06	-14.00	31.06
-147.86	-43.69	-14.00	29.69
-147.76	-41.65	-14.00	27.65
-147.66	-40.87	-14.00	26.87
-147.57	-39.26	-14.00	25.26
-147.47	-38.46	-14.00	24.46
-147.37	-38.56	-14.00	24.56
-147.26	-37.87	-14.00	23.87
-147.17	-38.56	-14.00	24.56
-147.06	-38.17	-14.00	24.17
-146.96	-39.70	-14.00	25.70
-146.87	-40.10	-14.00	26.10
-146.76	-41.30	-14.00	27.30
-146.66	-41.76	-14.00	27.76
-146.57	-43.84	-14.00	29.84
-146.47	-43.51	-14.00	29.51
-146.37	-46.10	-14.00	32.10
-146.26	-48.89	-14.00	34.89
-146.17	-49.71	-14.00	35.71
-146.07	-51.40	-14.00	37.40
-145.96	-51.59	-14.00	37.59
-145.87	-50.89	-14.00	36.89
-145.76	-48.02	-14.00	34.02
-145.67	-46.46	-14.00	32.46

Angle	TX EIRP	EIRP mask	Margin
28.23	-28.13	-14.00	14.13
28.34	-28.60	-14.00	14.60
28.44	-28.84	-14.00	14.84
28.54	-29.36	-14.00	15.36
28.64	-29.79	-14.00	15.79
28.73	-30.82	-14.00	16.82
28.84	-31.45	-14.00	17.45
28.94	-32.57	-14.00	18.57
29.04	-33.76	-14.00	19.76
29.14	-33.88	-14.00	19.88
29.24	-33.96	-14.00	19.96
29.34	-34.20	-14.00	20.20
29.44	-33.49	-14.00	19.49
29.54	-31.80	-14.00	17.80
29.64	-31.42	-14.00	17.42
29.74	-30.42	-14.00	16.42
29.84	-29.98	-14.00	15.98
29.94	-29.14	-14.00	15.14
30.04	-29.01	-14.00	15.01
30.14	-28.52	-14.00	14.52
30.24	-28.25	-14.00	14.25
30.34	-28.22	-14.00	14.22
30.44	-28.42	-14.00	14.42
30.54	-28.56	-14.00	14.56
30.64	-28.38	-14.00	14.38
30.74	-28.98	-14.00	14.98
30.84	-29.37	-14.00	15.37
30.94	-29.54	-14.00	15.54
31.04	-29.90	-14.00	15.90
31.14	-30.69	-14.00	16.69
31.24	-31.07	-14.00	17.07
31.34	-31.55	-14.00	17.55
31.44	-32.40	-14.00	18.40
31.54	-32.61	-14.00	18.61
31.64	-33.23	-14.00	19.23
31.74	-34.11	-14.00	20.11
31.84	-34.87	-14.00	20.87
31.94	-35.87	-14.00	21.87
32.04	-36.76	-14.00	22.76
32.14	-36.80	-14.00	22.80
32.24	-37.46	-14.00	23.46
32.34	-37.58	-14.00	23.58

Angle	TX EIRP	EIRP mask	Margin
-145.57	-46.20	-14.00	32.20
-145.46	-45.13	-14.00	31.13
-145.36	-42.00	-14.00	28.00
-145.26	-41.59	-14.00	27.59
-145.17	-39.72	-14.00	25.72
-145.06	-38.44	-14.00	24.44
-144.96	-37.95	-14.00	23.95
-144.86	-37.90	-14.00	23.90
-144.76	-37.50	-14.00	23.50
-144.66	-37.02	-14.00	23.02
-144.56	-37.14	-14.00	23.14
-144.46	-36.32	-14.00	22.32
-144.36	-36.64	-14.00	22.64
-144.26	-37.93	-14.00	23.93
-144.17	-37.85	-14.00	23.85
-144.07	-40.77	-14.00	26.77
-143.97	-41.94	-14.00	27.94
-143.87	-41.36	-14.00	27.36
-143.77	-44.92	-14.00	30.92
-143.66	-45.06	-14.00	31.06
-143.57	-43.98	-14.00	29.98
-143.46	-42.44	-14.00	28.44
-143.36	-39.85	-14.00	25.85
-143.26	-38.94	-14.00	24.94
-143.16	-37.10	-14.00	23.10
-143.07	-36.72	-14.00	22.72
-142.96	-36.04	-14.00	22.04
-142.86	-36.06	-14.00	22.06
-142.77	-35.04	-14.00	21.04
-142.67	-35.63	-14.00	21.63
-142.56	-35.76	-14.00	21.76
-142.46	-36.62	-14.00	22.62
-142.36	-36.96	-14.00	22.96
-142.26	-38.09	-14.00	24.09
-142.16	-38.56	-14.00	24.56
-142.07	-40.95	-14.00	26.95
-141.96	-42.22	-14.00	28.22
-141.86	-41.82	-14.00	27.82
-141.76	-45.38	-14.00	31.38
-141.66	-42.63	-14.00	28.63
-141.56	-41.04	-14.00	27.04
-141.46	-40.10	-14.00	26.10

Angle	TX EIRP	EIRP mask	Margin
32.44	-37.53	-14.00	23.53
32.54	-36.92	-14.00	22.92
32.64	-36.67	-14.00	22.67
32.74	-35.88	-14.00	21.88
32.84	-36.20	-14.00	22.20
32.94	-36.40	-14.00	22.40
33.04	-35.92	-14.00	21.92
33.14	-36.50	-14.00	22.50
33.24	-37.51	-14.00	23.51
33.34	-37.87	-14.00	23.87
33.44	-37.66	-14.00	23.66
33.54	-40.08	-14.00	26.08
33.64	-40.87	-14.00	26.87
33.74	-43.02	-14.00	29.02
33.84	-44.91	-14.00	30.91
33.94	-45.43	-14.00	31.43
34.04	-46.35	-14.00	32.35
34.14	-43.63	-14.00	29.63
34.24	-40.58	-14.00	26.58
34.34	-39.00	-14.00	25.00
34.44	-36.91	-14.00	22.91
34.54	-35.57	-14.00	21.57
34.64	-34.28	-14.00	20.28
34.74	-33.04	-14.00	19.04
34.84	-32.47	-14.00	18.47
34.94	-32.04	-14.00	18.04
35.04	-31.35	-14.00	17.35
35.14	-31.04	-14.00	17.04
35.24	-31.01	-14.00	17.01
35.33	-30.73	-14.00	16.73
35.44	-30.52	-14.00	16.52
35.54	-30.82	-14.00	16.82
35.64	-31.48	-14.00	17.48
35.73	-31.92	-14.00	17.92
35.84	-32.58	-14.00	18.58
35.93	-32.95	-14.00	18.95
36.04	-34.31	-14.00	20.31
36.13	-35.31	-14.00	21.31
36.24	-36.87	-14.00	22.87
36.34	-38.48	-14.00	24.48
36.44	-39.26	-14.00	25.26
36.54	-38.74	-14.00	24.74

Angle	TX EIRP	EIRP mask	Margin
-141.36	-38.33	-14.00	24.33
-141.27	-37.90	-14.00	23.90
-141.16	-37.47	-14.00	23.47
-141.06	-37.30	-14.00	23.30
-140.96	-36.07	-14.00	22.07
-140.86	-36.03	-14.00	22.03
-140.76	-36.95	-14.00	22.95
-140.66	-36.93	-14.00	22.93
-140.56	-37.33	-14.00	23.33
-140.46	-37.89	-14.00	23.89
-140.36	-39.11	-14.00	25.11
-140.26	-40.19	-14.00	26.19
-140.16	-40.79	-14.00	26.79
-140.06	-42.15	-14.00	28.15
-139.96	-40.55	-14.00	26.55
-139.86	-40.33	-14.00	26.33
-139.76	-39.93	-14.00	25.93
-139.66	-39.40	-14.00	25.40
-139.57	-38.96	-14.00	24.96
-139.46	-38.70	-14.00	24.70
-139.36	-37.78	-14.00	23.78
-139.26	-37.78	-14.00	23.78
-139.16	-36.97	-14.00	22.97
-139.06	-37.01	-14.00	23.01
-138.97	-37.17	-14.00	23.17
-138.86	-37.13	-14.00	23.13
-138.76	-37.09	-14.00	23.09
-138.67	-37.39	-14.00	23.39
-138.57	-38.04	-14.00	24.04
-138.46	-38.56	-14.00	24.56
-138.36	-37.85	-14.00	23.85
-138.27	-38.78	-14.00	24.78
-138.16	-38.98	-14.00	24.98
-138.06	-39.01	-14.00	25.01
-137.96	-39.09	-14.00	25.09
-137.87	-38.87	-14.00	24.87
-137.76	-37.59	-14.00	23.59
-137.66	-38.08	-14.00	24.08
-137.56	-37.35	-14.00	23.35
-137.47	-36.82	-14.00	22.82
-137.36	-36.85	-14.00	22.85
-137.26	-37.39	-14.00	23.39

Angle	TX EIRP	EIRP mask	Margin
36.64	-37.67	-14.00	23.67
36.74	-35.80	-14.00	21.80
36.84	-34.46	-14.00	20.46
36.93	-33.22	-14.00	19.22
37.04	-32.10	-14.00	18.10
37.14	-31.29	-14.00	17.29
37.24	-30.74	-14.00	16.74
37.34	-29.60	-14.00	15.60
37.44	-29.35	-14.00	15.35
37.54	-29.35	-14.00	15.35
37.64	-28.82	-14.00	14.82
37.74	-28.95	-14.00	14.95
37.84	-29.06	-14.00	15.06
37.94	-29.43	-14.00	15.43
38.04	-30.18	-14.00	16.18
38.14	-30.80	-14.00	16.80
38.24	-32.13	-14.00	18.13
38.34	-32.74	-14.00	18.74
38.44	-33.68	-14.00	19.68
38.54	-34.97	-14.00	20.97
38.64	-36.15	-14.00	22.15
38.74	-36.72	-14.00	22.72
38.84	-36.82	-14.00	22.82
38.94	-36.62	-14.00	22.62
39.04	-35.84	-14.00	21.84
39.14	-34.22	-14.00	20.22
39.24	-34.20	-14.00	20.20
39.34	-33.38	-14.00	19.38
39.44	-33.01	-14.00	19.01
39.54	-33.11	-14.00	19.11
39.64	-32.65	-14.00	18.65
39.74	-32.31	-14.00	18.31
39.84	-32.42	-14.00	18.42
39.94	-32.90	-14.00	18.90
40.03	-32.52	-14.00	18.52
40.14	-33.78	-14.00	19.78
40.24	-34.02	-14.00	20.02
40.34	-34.33	-14.00	20.33
40.44	-35.10	-14.00	21.10
40.54	-34.89	-14.00	20.89
40.64	-35.60	-14.00	21.60
40.74	-36.90	-14.00	22.90

Angle	TX EIRP	EIRP mask	Margin
-137.16	-36.47	-14.00	22.47
-137.06	-36.76	-14.00	22.76
-136.97	-37.01	-14.00	23.01
-136.87	-36.89	-14.00	22.89
-136.76	-37.33	-14.00	23.33
-136.66	-36.64	-14.00	22.64
-136.56	-36.55	-14.00	22.55
-136.46	-36.70	-14.00	22.70
-136.37	-36.68	-14.00	22.68
-136.26	-35.94	-14.00	21.94
-136.16	-36.40	-14.00	22.40
-136.06	-35.66	-14.00	21.66
-135.97	-35.29	-14.00	21.29
-135.86	-35.03	-14.00	21.03
-135.77	-35.33	-14.00	21.33
-135.66	-35.42	-14.00	21.42
-135.57	-34.93	-14.00	20.93
-135.46	-34.78	-14.00	20.78
-135.36	-34.07	-14.00	20.07
-135.26	-34.45	-14.00	20.45
-135.16	-33.67	-14.00	19.67
-135.06	-33.68	-14.00	19.68
-134.96	-33.25	-14.00	19.25
-134.87	-33.62	-14.00	19.62
-134.76	-33.60	-14.00	19.60
-134.66	-33.04	-14.00	19.04
-134.56	-32.97	-14.00	18.97
-134.46	-32.53	-14.00	18.53
-134.36	-32.24	-14.00	18.24
-134.27	-32.23	-14.00	18.23
-134.17	-32.01	-14.00	18.01
-134.06	-31.75	-14.00	17.75
-133.96	-31.88	-14.00	17.88
-133.86	-32.06	-14.00	18.06
-133.76	-32.24	-14.00	18.24
-133.66	-32.90	-14.00	18.90
-133.56	-33.68	-14.00	19.68
-133.46	-34.54	-14.00	20.54
-133.36	-34.97	-14.00	20.97
-133.27	-36.49	-14.00	22.49
-133.16	-36.77	-14.00	22.77
-133.06	-36.39	-14.00	22.39

Angle	TX EIRP	EIRP mask	Margin
40.84	-37.64	-14.00	23.64
40.94	-38.12	-14.00	24.12
41.04	-38.06	-14.00	24.06
41.14	-38.34	-14.00	24.34
41.24	-39.44	-14.00	25.44
41.34	-39.59	-14.00	25.59
41.44	-41.02	-14.00	27.02
41.54	-41.83	-14.00	27.83
41.63	-43.02	-14.00	29.02
41.73	-45.70	-14.00	31.70
41.84	-48.14	-14.00	34.14
41.94	-51.31	-14.00	37.31
42.04	-55.46	-14.00	41.46
42.14	-59.24	-14.00	45.24
42.24	-52.46	-14.00	38.46
42.34	-49.12	-14.00	35.12
42.44	-45.74	-14.00	31.74
42.54	-42.27	-14.00	28.27
42.64	-41.83	-14.00	27.83
42.74	-39.30	-14.00	25.30
42.84	-37.30	-14.00	23.30
42.94	-36.37	-14.00	22.37
43.04	-35.25	-14.00	21.25
43.14	-34.17	-14.00	20.17
43.24	-33.38	-14.00	19.38
43.34	-33.12	-14.00	19.12
43.43	-32.08	-14.00	18.08
43.54	-32.53	-14.00	18.53
43.64	-31.77	-14.00	17.77
43.74	-32.02	-14.00	18.02
43.84	-31.71	-14.00	17.71
43.94	-32.60	-14.00	18.60
44.04	-32.96	-14.00	18.96
44.14	-33.12	-14.00	19.12
44.23	-33.30	-14.00	19.30
44.34	-34.01	-14.00	20.01
44.44	-34.32	-14.00	20.32
44.54	-34.68	-14.00	20.68
44.64	-35.02	-14.00	21.02
44.74	-34.96	-14.00	20.96
44.84	-35.22	-14.00	21.22
44.94	-35.25	-14.00	21.25

Angle	TX EIRP	EIRP mask	Margin
-132.97	-36.81	-14.00	22.81
-132.86	-36.12	-14.00	22.12
-132.76	-34.80	-14.00	20.80
-132.67	-34.42	-14.00	20.42
-132.57	-33.69	-14.00	19.69
-132.46	-32.62	-14.00	18.62
-132.37	-32.31	-14.00	18.31
-132.27	-31.85	-14.00	17.85
-132.16	-31.37	-14.00	17.37
-132.06	-31.71	-14.00	17.71
-131.97	-31.42	-14.00	17.42
-131.86	-30.97	-14.00	16.97
-131.76	-32.03	-14.00	18.03
-131.67	-31.61	-14.00	17.61
-131.56	-32.53	-14.00	18.53
-131.47	-32.88	-14.00	18.88
-131.37	-33.99	-14.00	19.99
-131.27	-34.19	-14.00	20.19
-131.16	-34.56	-14.00	20.56
-131.06	-34.70	-14.00	20.70
-130.96	-35.14	-14.00	21.14
-130.87	-34.71	-14.00	20.71
-130.76	-34.34	-14.00	20.34
-130.67	-34.37	-14.00	20.37
-130.56	-33.44	-14.00	19.44
-130.46	-33.13	-14.00	19.13
-130.37	-32.57	-14.00	18.57
-130.27	-32.64	-14.00	18.64
-130.16	-32.26	-14.00	18.26
-130.06	-32.34	-14.00	18.34
-129.96	-32.14	-14.00	18.14
-129.86	-32.28	-14.00	18.28
-129.77	-32.29	-14.00	18.29
-129.66	-32.09	-14.00	18.09
-129.56	-32.18	-14.00	18.18
-129.46	-32.29	-14.00	18.29
-129.36	-32.15	-14.00	18.15
-129.26	-32.79	-14.00	18.79
-129.16	-32.42	-14.00	18.42
-129.06	-31.99	-14.00	17.99
-128.96	-31.93	-14.00	17.93
-128.86	-31.73	-14.00	17.73

Angle	TX EIRP	EIRP mask	Margin
45.04	-34.67	-14.00	20.67
45.14	-35.39	-14.00	21.39
45.24	-35.61	-14.00	21.61
45.34	-36.44	-14.00	22.44
45.44	-36.96	-14.00	22.96
45.54	-38.03	-14.00	24.03
45.64	-40.10	-14.00	26.10
45.74	-42.43	-14.00	28.43
45.84	-49.90	-14.00	35.90
45.94	-56.45	-14.00	42.45
46.04	-50.33	-14.00	36.33
46.14	-46.78	-14.00	32.78
46.24	-41.34	-14.00	27.34
46.34	-38.09	-14.00	24.09
46.43	-36.24	-14.00	22.24
46.54	-34.59	-14.00	20.59
46.64	-34.10	-14.00	20.10
46.74	-33.35	-14.00	19.35
46.84	-32.49	-14.00	18.49
46.94	-32.65	-14.00	18.65
47.04	-32.37	-14.00	18.37
47.14	-32.16	-14.00	18.16
47.24	-32.22	-14.00	18.22
47.33	-32.67	-14.00	18.67
47.44	-32.65	-14.00	18.65
47.54	-33.35	-14.00	19.35
47.64	-33.26	-14.00	19.26
47.74	-33.26	-14.00	19.26
47.84	-33.60	-14.00	19.60
47.94	-33.78	-14.00	19.78
48.04	-33.72	-14.00	19.72
48.14	-34.04	-14.00	20.04
48.24	-33.97	-14.00	19.97
48.34	-34.01	-14.00	20.01
48.44	-34.89	-14.00	20.89
48.54	-35.01	-14.00	21.01
48.64	-36.07	-14.00	22.07
48.74	-37.05	-14.00	23.05
48.84	-38.37	-14.00	24.37
48.94	-41.08	-14.00	27.08
49.04	-43.59	-14.00	29.59
49.13	-46.48	-14.00	32.48

Angle	TX EIRP	EIRP mask	Margin
-128.76	-31.08	-14.00	17.08
-128.66	-30.64	-14.00	16.64
-128.57	-30.56	-14.00	16.56
-128.47	-29.92	-14.00	15.92
-128.36	-29.95	-14.00	15.95
-128.26	-29.76	-14.00	15.76
-128.16	-29.58	-14.00	15.58
-128.06	-29.90	-14.00	15.90
-127.96	-30.53	-14.00	16.53
-127.86	-30.28	-14.00	16.28
-127.76	-30.25	-14.00	16.25
-127.67	-29.91	-14.00	15.91
-127.56	-29.67	-14.00	15.67
-127.47	-29.57	-14.00	15.57
-127.36	-29.23	-14.00	15.23
-127.26	-29.50	-14.00	15.50
-127.16	-29.18	-14.00	15.18
-127.06	-29.24	-14.00	15.24
-126.96	-29.62	-14.00	15.62
-126.87	-29.31	-14.00	15.31
-126.77	-29.26	-14.00	15.26
-126.66	-29.49	-14.00	15.49
-126.57	-29.35	-14.00	15.35
-126.47	-29.16	-14.00	15.16
-126.36	-28.84	-14.00	14.84
-126.26	-28.63	-14.00	14.63
-126.16	-28.58	-14.00	14.58
-126.07	-28.20	-14.00	14.20
-125.97	-27.89	-14.00	13.89
-125.86	-27.75	-14.00	13.75
-125.77	-27.69	-14.00	13.69
-125.66	-27.56	-14.00	13.56
-125.56	-27.24	-14.00	13.24
-125.46	-27.30	-14.00	13.30
-125.36	-27.35	-14.00	13.35
-125.27	-27.33	-14.00	13.33
-125.16	-27.78	-14.00	13.78
-125.06	-27.86	-14.00	13.86
-124.97	-28.16	-14.00	14.16
-124.87	-28.23	-14.00	14.23
-124.76	-28.16	-14.00	14.16
-124.67	-28.45	-14.00	14.45

Angle	TX EIRP	EIRP mask	Margin
49.24	-46.89	-14.00	32.89
49.34	-45.40	-14.00	31.40
49.44	-44.27	-14.00	30.27
49.53	-41.00	-14.00	27.00
49.64	-39.14	-14.00	25.14
49.74	-38.66	-14.00	24.66
49.84	-37.20	-14.00	23.20
49.94	-36.78	-14.00	22.78
50.04	-35.64	-14.00	21.64
50.14	-36.82	-14.00	22.82
50.24	-36.25	-14.00	22.25
50.34	-36.10	-14.00	22.10
50.44	-35.48	-14.00	21.48
50.54	-35.61	-14.00	21.61
50.64	-34.68	-14.00	20.68
50.74	-34.68	-14.00	20.68
50.84	-34.31	-14.00	20.31
50.94	-34.25	-14.00	20.25
51.04	-34.34	-14.00	20.34
51.14	-33.58	-14.00	19.58
51.24	-33.59	-14.00	19.59
51.33	-33.46	-14.00	19.46
51.44	-33.36	-14.00	19.36
51.54	-34.14	-14.00	20.14
51.64	-33.73	-14.00	19.73
51.74	-34.11	-14.00	20.11
51.84	-35.07	-14.00	21.07
51.94	-35.48	-14.00	21.48
52.04	-35.90	-14.00	21.90
52.14	-35.70	-14.00	21.70
52.24	-36.98	-14.00	22.98
52.34	-37.33	-14.00	23.33
52.44	-37.60	-14.00	23.60
52.54	-38.06	-14.00	24.06
52.64	-39.17	-14.00	25.17
52.73	-39.79	-14.00	25.79
52.84	-40.06	-14.00	26.06
52.94	-40.27	-14.00	26.27
53.04	-39.68	-14.00	25.68
53.14	-38.49	-14.00	24.49
53.24	-37.35	-14.00	23.35
53.34	-35.99	-14.00	21.99

Angle	TX EIRP	EIRP mask	Margin
-124.56	-28.29	-14.00	14.29
-124.47	-28.10	-14.00	14.10
-124.36	-28.07	-14.00	14.07
-124.27	-27.70	-14.00	13.70
-124.17	-27.48	-14.00	13.48
-124.07	-26.96	-14.00	12.96
-123.97	-26.93	-14.00	12.93
-123.87	-26.71	-14.00	12.71
-123.77	-26.48	-14.00	12.48
-123.66	-26.22	-14.00	12.22
-123.56	-26.08	-14.00	12.08
-123.46	-26.16	-14.00	12.16
-123.36	-26.26	-14.00	12.26
-123.26	-26.03	-14.00	12.03
-123.16	-26.30	-14.00	12.30
-123.06	-26.01	-14.00	12.01
-122.96	-25.89	-14.00	11.89
-122.86	-25.64	-14.00	11.64
-122.77	-25.63	-14.00	11.63
-122.67	-25.49	-14.00	11.49
-122.57	-25.24	-14.00	11.24
-122.46	-25.23	-14.00	11.23
-122.36	-25.02	-14.00	11.02
-122.26	-25.08	-14.00	11.08
-122.16	-24.99	-14.00	10.99
-122.06	-24.72	-14.00	10.72
-121.96	-24.94	-14.00	10.94
-121.87	-24.86	-14.00	10.86
-121.76	-24.90	-14.00	10.90
-121.67	-24.79	-14.00	10.79
-121.56	-24.84	-14.00	10.84
-121.46	-24.88	-14.00	10.88
-121.37	-24.85	-14.00	10.85
-121.26	-24.94	-14.00	10.94
-121.16	-24.94	-14.00	10.94
-121.06	-25.00	-14.00	11.00
-120.96	-24.85	-14.00	10.85
-120.86	-24.87	-14.00	10.87
-120.76	-24.87	-14.00	10.87
-120.66	-24.76	-14.00	10.76
-120.56	-24.67	-14.00	10.67
-120.46	-24.51	-14.00	10.51

Angle	TX EIRP	EIRP mask	Margin
53.44	-35.03	-14.00	21.03
53.54	-34.29	-14.00	20.29
53.64	-33.96	-14.00	19.96
53.74	-33.41	-14.00	19.41
53.84	-33.34	-14.00	19.34
53.94	-32.98	-14.00	18.98
54.04	-33.21	-14.00	19.21
54.14	-32.96	-14.00	18.96
54.24	-33.13	-14.00	19.13
54.34	-32.93	-14.00	18.93
54.44	-32.81	-14.00	18.81
54.54	-32.85	-14.00	18.85
54.64	-32.91	-14.00	18.91
54.74	-33.13	-14.00	19.13
54.84	-33.26	-14.00	19.26
54.94	-33.14	-14.00	19.14
55.04	-33.20	-14.00	19.20
55.14	-33.61	-14.00	19.61
55.24	-34.05	-14.00	20.05
55.34	-34.67	-14.00	20.67
55.44	-35.27	-14.00	21.27
55.54	-35.40	-14.00	21.40
55.64	-35.56	-14.00	21.56
55.74	-35.61	-14.00	21.61
55.84	-36.26	-14.00	22.26
55.94	-35.09	-14.00	21.09
56.04	-35.40	-14.00	21.40
56.14	-34.66	-14.00	20.66
56.24	-34.39	-14.00	20.39
56.34	-33.58	-14.00	19.58
56.44	-32.97	-14.00	18.97
56.54	-33.30	-14.00	19.30
56.64	-32.54	-14.00	18.54
56.74	-32.27	-14.00	18.27
56.84	-31.97	-14.00	17.97
56.94	-31.52	-14.00	17.52
57.04	-31.39	-14.00	17.39
57.14	-31.05	-14.00	17.05
57.24	-30.88	-14.00	16.88
57.34	-30.66	-14.00	16.66
57.44	-30.64	-14.00	16.64
57.54	-30.91	-14.00	16.91

Angle	TX EIRP	EIRP mask	Margin
-120.36	-24.56	-14.00	10.56
-120.27	-24.35	-14.00	10.35
-120.17	-24.32	-14.00	10.32
-120.07	-24.20	-14.00	10.20
-119.96	-24.32	-14.00	10.32
-119.87	-24.16	-14.00	10.16
-119.76	-24.39	-14.00	10.39
-119.66	-24.36	-14.00	10.36
-119.57	-24.70	-14.00	10.70
-119.46	-24.48	-14.00	10.48
-119.36	-24.46	-14.00	10.46
-119.26	-24.69	-14.00	10.69
-119.16	-24.64	-14.00	10.64
-119.06	-24.71	-14.00	10.71
-118.97	-24.51	-14.00	10.51
-118.86	-24.26	-14.00	10.26
-118.76	-24.30	-14.00	10.30
-118.67	-24.00	-14.00	10.00
-118.57	-23.92	-14.00	9.92
-118.47	-23.75	-14.00	9.75
-118.37	-23.54	-14.00	9.54
-118.27	-23.40	-14.00	9.40
-118.17	-23.12	-14.00	9.12
-118.06	-22.91	-14.00	8.91
-117.97	-22.65	-14.00	8.65
-117.87	-22.50	-14.00	8.50
-117.77	-22.32	-14.00	8.32
-117.67	-22.14	-14.00	8.14
-117.57	-21.87	-14.00	7.87
-117.47	-21.96	-14.00	7.96
-117.37	-21.82	-14.00	7.82
-117.26	-21.88	-14.00	7.88
-117.17	-21.92	-14.00	7.92
-117.06	-21.92	-14.00	7.92
-116.96	-21.94	-14.00	7.94
-116.86	-22.02	-14.00	8.02
-116.77	-21.98	-14.00	7.98
-116.66	-22.10	-14.00	8.10
-116.57	-22.08	-14.00	8.08
-116.46	-22.02	-14.00	8.02
-116.36	-21.99	-14.00	7.99
-116.26	-21.79	-14.00	7.79

Angle	TX EIRP	EIRP mask	Margin
57.64	-31.39	-14.00	17.39
57.73	-31.10	-14.00	17.10
57.84	-31.55	-14.00	17.55
57.94	-31.80	-14.00	17.80
58.04	-32.21	-14.00	18.21
58.14	-32.69	-14.00	18.69
58.24	-33.10	-14.00	19.10
58.34	-34.60	-14.00	20.60
58.43	-34.45	-14.00	20.45
58.54	-34.98	-14.00	20.98
58.64	-35.72	-14.00	21.72
58.74	-37.36	-14.00	23.36
58.84	-38.47	-14.00	24.47
58.94	-40.50	-14.00	26.50
59.04	-41.73	-14.00	27.73
59.14	-44.59	-14.00	30.59
59.24	-47.10	-14.00	33.10
59.34	-49.60	-14.00	35.60
59.44	-52.02	-14.00	38.02
59.54	-48.94	-14.00	34.94
59.64	-44.75	-14.00	30.75
59.74	-42.52	-14.00	28.52
59.84	-40.19	-14.00	26.19
59.94	-38.04	-14.00	24.04
60.04	-38.64	-14.00	24.64
60.14	-37.83	-14.00	23.83
60.24	-36.39	-14.00	22.39
60.34	-36.14	-14.00	22.14
60.44	-36.29	-14.00	22.29
60.54	-35.48	-14.00	21.48
60.63	-35.30	-14.00	21.30
60.74	-34.99	-14.00	20.99
60.84	-35.66	-14.00	21.66
60.94	-35.21	-14.00	21.21
61.04	-34.67	-14.00	20.67
61.14	-34.66	-14.00	20.66
61.24	-33.97	-14.00	19.97
61.34	-33.86	-14.00	19.86
61.44	-34.11	-14.00	20.11
61.54	-33.22	-14.00	19.22
61.64	-33.20	-14.00	19.20
61.73	-33.50	-14.00	19.50

Angle	TX EIRP	EIRP mask	Margin
-116.17	-21.85	-14.00	7.85
-116.07	-21.85	-14.00	7.85
-115.96	-21.86	-14.00	7.86
-115.86	-21.88	-14.00	7.88
-115.76	-21.91	-14.00	7.91
-115.66	-21.88	-14.00	7.88
-115.57	-21.88	-14.00	7.88
-115.47	-21.77	-14.00	7.77
-115.36	-21.88	-14.00	7.88
-115.26	-21.86	-14.00	7.86
-115.16	-21.77	-14.00	7.77
-115.06	-21.70	-14.00	7.70
-114.96	-21.93	-14.00	7.93
-114.87	-22.04	-14.00	8.04
-114.77	-21.95	-14.00	7.95
-114.66	-22.17	-14.00	8.17
-114.56	-22.20	-14.00	8.20
-114.46	-22.22	-14.00	8.22
-114.36	-22.49	-14.00	8.49
-114.26	-22.58	-14.00	8.58
-114.16	-22.50	-14.00	8.50
-114.07	-22.73	-14.00	8.73
-113.96	-22.78	-14.00	8.78
-113.87	-22.81	-14.00	8.81
-113.77	-23.04	-14.00	9.04
-113.66	-23.09	-14.00	9.09
-113.56	-23.08	-14.00	9.08
-113.46	-23.17	-14.00	9.17
-113.37	-23.38	-14.00	9.38
-113.26	-23.58	-14.00	9.58
-113.17	-23.67	-14.00	9.67
-113.07	-23.96	-14.00	9.96
-112.97	-24.20	-14.00	10.20
-112.86	-24.12	-14.00	10.12
-112.76	-24.19	-14.00	10.19
-112.67	-24.27	-14.00	10.27
-112.57	-24.35	-14.00	10.35
-112.46	-24.29	-14.00	10.29
-112.37	-24.25	-14.00	10.25
-112.26	-24.42	-14.00	10.42
-112.16	-24.53	-14.00	10.53
-112.06	-24.46	-14.00	10.46

Angle	TX EIRP	EIRP mask	Margin
61.84	-33.77	-14.00	19.77
61.94	-34.32	-14.00	20.32
62.04	-34.89	-14.00	20.89
62.14	-35.53	-14.00	21.53
62.24	-36.90	-14.00	22.90
62.34	-37.51	-14.00	23.51
62.44	-39.13	-14.00	25.13
62.54	-40.95	-14.00	26.95
62.64	-43.88	-14.00	29.88
62.74	-45.54	-14.00	31.54
62.84	-46.26	-14.00	32.26
62.94	-51.81	-14.00	37.81
63.04	-56.69	-14.00	42.69
63.13	-69.96	-14.00	55.96
63.24	-60.13	-14.00	46.13
63.34	-61.33	-14.00	47.33
63.44	-59.11	-14.00	45.11
63.54	-49.93	-14.00	35.93
63.64	-47.92	-14.00	33.92
63.74	-45.26	-14.00	31.26
63.84	-42.68	-14.00	28.68
63.93	-41.46	-14.00	27.46
64.04	-40.21	-14.00	26.21
64.14	-39.32	-14.00	25.32
64.24	-38.84	-14.00	24.84
64.34	-38.50	-14.00	24.50
64.44	-37.97	-14.00	23.97
64.54	-37.91	-14.00	23.91
64.64	-37.88	-14.00	23.88
64.74	-38.30	-14.00	24.30
64.84	-37.99	-14.00	23.99
64.94	-37.51	-14.00	23.51
65.04	-37.57	-14.00	23.57
65.14	-37.72	-14.00	23.72
65.24	-37.94	-14.00	23.94
65.34	-37.46	-14.00	23.46
65.44	-38.18	-14.00	24.18
65.54	-37.64	-14.00	23.64
65.63	-37.10	-14.00	23.10
65.74	-37.20	-14.00	23.20
65.84	-36.66	-14.00	22.66
65.94	-37.07	-14.00	23.07

Angle	TX EIRP	EIRP mask	Margin
-111.97	-24.54	-14.00	10.54
-111.87	-24.63	-14.00	10.63
-111.76	-24.71	-14.00	10.71
-111.67	-24.70	-14.00	10.70
-111.57	-24.83	-14.00	10.83
-111.46	-25.07	-14.00	11.07
-111.36	-25.24	-14.00	11.24
-111.26	-25.55	-14.00	11.55
-111.17	-26.21	-14.00	12.21
-111.06	-26.36	-14.00	12.36
-110.97	-26.81	-14.00	12.81
-110.87	-27.00	-14.00	13.00
-110.77	-27.22	-14.00	13.22
-110.66	-27.04	-14.00	13.04
-110.56	-27.23	-14.00	13.23
-110.46	-26.90	-14.00	12.90
-110.36	-26.90	-14.00	12.90
-110.26	-27.23	-14.00	13.23
-110.16	-27.26	-14.00	13.26
-110.07	-27.53	-14.00	13.53
-109.96	-28.00	-14.00	14.00
-109.86	-28.26	-14.00	14.26
-109.77	-28.88	-14.00	14.88
-109.67	-29.26	-14.00	15.26
-109.56	-29.67	-14.00	15.67
-109.46	-30.05	-14.00	16.05
-109.36	-29.75	-14.00	15.75
-109.27	-30.10	-14.00	16.10
-109.16	-30.14	-14.00	16.14
-109.06	-30.46	-14.00	16.46
-108.96	-30.78	-14.00	16.78
-108.86	-30.99	-14.00	16.99
-108.76	-31.09	-14.00	17.09
-108.66	-31.37	-14.00	17.37
-108.56	-31.81	-14.00	17.81
-108.46	-31.99	-14.00	17.99
-108.36	-31.98	-14.00	17.98
-108.26	-32.35	-14.00	18.35
-108.16	-31.85	-14.00	17.85
-108.06	-31.93	-14.00	17.93
-107.96	-31.59	-14.00	17.59
-107.87	-31.36	-14.00	17.36

Angle	TX EIRP	EIRP mask	Margin
66.04	-36.78	-14.00	22.78
66.14	-36.54	-14.00	22.54
66.24	-36.77	-14.00	22.77
66.34	-36.87	-14.00	22.87
66.44	-37.41	-14.00	23.41
66.54	-38.12	-14.00	24.12
66.64	-38.66	-14.00	24.66
66.74	-39.05	-14.00	25.05
66.84	-40.73	-14.00	26.73
66.94	-42.57	-14.00	28.57
67.04	-42.31	-14.00	28.31
67.14	-43.46	-14.00	29.46
67.24	-44.86	-14.00	30.86
67.34	-46.71	-14.00	32.71
67.44	-47.03	-14.00	33.03
67.54	-48.28	-14.00	34.28
67.64	-52.56	-14.00	38.56
67.74	-50.76	-14.00	36.76
67.84	-48.87	-14.00	34.87
67.93	-48.27	-14.00	34.27
68.04	-44.66	-14.00	30.66
68.14	-46.06	-14.00	32.06
68.24	-45.51	-14.00	31.51
68.34	-44.36	-14.00	30.36
68.44	-44.24	-14.00	30.24
68.54	-42.44	-14.00	28.44
68.64	-42.61	-14.00	28.61
68.73	-41.08	-14.00	27.08
68.84	-40.42	-14.00	26.42
68.94	-40.49	-14.00	26.49
69.04	-41.26	-14.00	27.26
69.14	-40.04	-14.00	26.04
69.24	-40.58	-14.00	26.58
69.34	-40.48	-14.00	26.48
69.44	-40.83	-14.00	26.83
69.53	-43.50	-14.00	29.50
69.64	-43.44	-14.00	29.44
69.74	-43.15	-14.00	29.15
69.84	-44.30	-14.00	30.30
69.94	-45.01	-14.00	31.01
70.04	-46.63	-14.00	32.63
70.14	-44.48	-14.00	30.48

Angle	TX EIRP	EIRP mask	Margin
-107.77	-31.86	-14.00	17.86
-107.67	-31.89	-14.00	17.89
-107.56	-31.79	-14.00	17.79
-107.46	-31.78	-14.00	17.78
-107.36	-32.89	-14.00	18.89
-107.26	-33.09	-14.00	19.09
-107.16	-33.29	-14.00	19.29
-107.07	-34.48	-14.00	20.48
-106.96	-35.47	-14.00	21.47
-106.87	-36.50	-14.00	22.50
-106.76	-37.34	-14.00	23.34
-106.67	-37.47	-14.00	23.47
-106.56	-37.91	-14.00	23.91
-106.47	-37.19	-14.00	23.19
-106.37	-36.72	-14.00	22.72
-106.27	-37.27	-14.00	23.27
-106.16	-36.58	-14.00	22.58
-106.06	-35.21	-14.00	21.21
-105.97	-35.06	-14.00	21.06
-105.86	-33.74	-14.00	19.74
-105.76	-33.10	-14.00	19.10
-105.66	-32.41	-14.00	18.41
-105.56	-31.93	-14.00	17.93
-105.46	-31.86	-14.00	17.86
-105.36	-31.77	-14.00	17.77
-105.27	-31.82	-14.00	17.82
-105.16	-31.91	-14.00	17.91
-105.06	-32.43	-14.00	18.43
-104.96	-31.76	-14.00	17.76
-104.86	-31.43	-14.00	17.43
-104.76	-30.46	-14.00	16.46
-104.66	-30.54	-14.00	16.54
-104.57	-30.06	-14.00	16.06
-104.46	-29.72	-14.00	15.72
-104.36	-29.88	-14.00	15.88
-104.27	-29.59	-14.00	15.59
-104.16	-29.63	-14.00	15.63
-104.07	-29.41	-14.00	15.41
-103.96	-29.46	-14.00	15.46
-103.86	-29.52	-14.00	15.52
-103.77	-29.63	-14.00	15.63
-103.67	-29.81	-14.00	15.81

Angle	TX EIRP	EIRP mask	Margin
70.24	-46.04	-14.00	32.04
70.34	-47.19	-14.00	33.19
70.44	-47.58	-14.00	33.58
70.54	-50.10	-14.00	36.10
70.64	-54.41	-14.00	40.41
70.74	-52.39	-14.00	38.39
70.84	-54.03	-14.00	40.03
70.94	-49.38	-14.00	35.38
71.04	-45.68	-14.00	31.68
71.14	-44.59	-14.00	30.59
71.24	-42.01	-14.00	28.01
71.34	-40.73	-14.00	26.73
71.44	-40.31	-14.00	26.31
71.54	-39.47	-14.00	25.47
71.64	-39.20	-14.00	25.20
71.74	-38.84	-14.00	24.84
71.84	-39.21	-14.00	25.21
71.94	-39.51	-14.00	25.51
72.04	-38.23	-14.00	24.23
72.14	-38.17	-14.00	24.17
72.24	-37.52	-14.00	23.52
72.34	-37.37	-14.00	23.37
72.44	-38.09	-14.00	24.09
72.54	-38.08	-14.00	24.08
72.64	-40.17	-14.00	26.17
72.74	-39.71	-14.00	25.71
72.84	-39.91	-14.00	25.91
72.94	-41.67	-14.00	27.67
73.04	-43.11	-14.00	29.11
73.14	-42.80	-14.00	28.80
73.23	-42.59	-14.00	28.59
73.34	-42.85	-14.00	28.85
73.44	-43.26	-14.00	29.26
73.54	-44.46	-14.00	30.46
73.64	-45.08	-14.00	31.08
73.74	-48.82	-14.00	34.82
73.84	-50.44	-14.00	36.44
73.94	-55.16	-14.00	41.16
74.04	-54.12	-14.00	40.12
74.14	-47.76	-14.00	33.76
74.24	-45.28	-14.00	31.28
74.34	-44.76	-14.00	30.76

Angle	TX EIRP	EIRP mask	Margin
-103.56	-30.44	-14.00	16.44
-103.46	-30.73	-14.00	16.73
-103.36	-30.71	-14.00	16.71
-103.26	-31.57	-14.00	17.57
-103.16	-31.64	-14.00	17.64
-103.07	-30.96	-14.00	16.96
-102.97	-30.41	-14.00	16.41
-102.86	-30.01	-14.00	16.01
-102.77	-30.00	-14.00	16.00
-102.66	-29.26	-14.00	15.26
-102.56	-29.56	-14.00	15.56
-102.46	-29.80	-14.00	15.80
-102.37	-30.28	-14.00	16.28
-102.27	-30.43	-14.00	16.43
-102.17	-30.79	-14.00	16.79
-102.06	-31.04	-14.00	17.04
-101.97	-30.91	-14.00	16.91
-101.87	-30.85	-14.00	16.85
-101.77	-30.62	-14.00	16.62
-101.66	-30.68	-14.00	16.68
-101.56	-30.69	-14.00	16.69
-101.47	-30.96	-14.00	16.96
-101.36	-31.18	-14.00	17.18
-101.26	-30.91	-14.00	16.91
-101.16	-31.34	-14.00	17.34
-101.06	-31.34	-14.00	17.34
-100.96	-31.86	-14.00	17.86
-100.86	-32.32	-14.00	18.32
-100.77	-33.13	-14.00	19.13
-100.66	-34.61	-14.00	20.61
-100.56	-36.36	-14.00	22.36
-100.47	-37.16	-14.00	23.16
-100.36	-38.84	-14.00	24.84
-100.26	-38.57	-14.00	24.57
-100.16	-39.85	-14.00	25.85
-100.06	-40.14	-14.00	26.14
-99.96	-39.32	-14.00	25.32
-99.87	-42.03	-14.00	28.03
-99.76	-40.79	-14.00	26.79
-99.66	-41.91	-14.00	27.91
-99.57	-40.02	-14.00	26.02
-99.46	-39.31	-14.00	25.31

Angle	TX EIRP	EIRP mask	Margin
74.44	-41.30	-14.00	27.30
74.54	-42.06	-14.00	28.06
74.64	-41.58	-14.00	27.58
74.74	-42.40	-14.00	28.40
74.84	-41.47	-14.00	27.47
74.94	-41.79	-14.00	27.79
75.04	-42.53	-14.00	28.53
75.14	-42.41	-14.00	28.41
75.23	-41.58	-14.00	27.58
75.34	-42.77	-14.00	28.77
75.44	-41.65	-14.00	27.65
75.54	-42.89	-14.00	28.89
75.64	-42.26	-14.00	28.26
75.74	-44.53	-14.00	30.53
75.84	-47.06	-14.00	33.06
75.93	-46.08	-14.00	32.08
76.04	-44.34	-14.00	30.34
76.13	-43.96	-14.00	29.96
76.24	-44.94	-14.00	30.94
76.34	-43.04	-14.00	29.04
76.44	-43.75	-14.00	29.75
76.53	-41.96	-14.00	27.96
76.64	-41.32	-14.00	27.32
76.74	-41.46	-14.00	27.46
76.84	-42.10	-14.00	28.10
76.94	-42.06	-14.00	28.06
77.04	-41.92	-14.00	27.92
77.14	-43.58	-14.00	29.58
77.24	-45.03	-14.00	31.03
77.34	-44.95	-14.00	30.95
77.44	-45.77	-14.00	31.77
77.54	-45.80	-14.00	31.80
77.64	-44.91	-14.00	30.91
77.74	-44.15	-14.00	30.15
77.84	-43.52	-14.00	29.52
77.94	-47.89	-14.00	33.89
78.03	-48.65	-14.00	34.65
78.14	-49.37	-14.00	35.37
78.24	-48.74	-14.00	34.74
78.33	-48.96	-14.00	34.96
78.44	-48.61	-14.00	34.61
78.54	-46.18	-14.00	32.18

Angle	TX EIRP	EIRP mask	Margin
-99.36	-38.62	-14.00	24.62
-99.27	-38.28	-14.00	24.28
-99.16	-37.29	-14.00	23.29
-99.06	-36.30	-14.00	22.30
-98.96	-36.41	-14.00	22.41
-98.87	-36.27	-14.00	22.27
-98.76	-35.43	-14.00	21.43
-98.66	-35.94	-14.00	21.94
-98.56	-36.20	-14.00	22.20
-98.46	-36.41	-14.00	22.41
-98.36	-35.88	-14.00	21.88
-98.27	-35.44	-14.00	21.44
-98.17	-34.69	-14.00	20.69
-98.06	-33.93	-14.00	19.93
-97.97	-33.26	-14.00	19.26
-97.86	-33.06	-14.00	19.06
-97.76	-32.39	-14.00	18.39
-97.66	-32.42	-14.00	18.42
-97.56	-32.55	-14.00	18.55
-97.47	-32.47	-14.00	18.47
-97.36	-32.50	-14.00	18.50
-97.27	-32.19	-14.00	18.19
-97.16	-32.03	-14.00	18.03
-97.07	-32.00	-14.00	18.00
-96.97	-32.18	-14.00	18.18
-96.86	-31.80	-14.00	17.80
-96.77	-31.98	-14.00	17.98
-96.66	-31.76	-14.00	17.76
-96.56	-31.73	-14.00	17.73
-96.46	-31.21	-14.00	17.21
-96.36	-30.87	-14.00	16.87
-96.27	-30.37	-14.00	16.37
-96.16	-30.27	-14.00	16.27
-96.07	-30.07	-14.00	16.07
-95.97	-30.05	-14.00	16.05
-95.87	-30.14	-14.00	16.14
-95.76	-30.36	-14.00	16.36
-95.66	-30.18	-14.00	16.18
-95.56	-29.78	-14.00	15.78
-95.46	-29.56	-14.00	15.56
-95.36	-28.95	-14.00	14.95
-95.26	-29.05	-14.00	15.05

Angle	TX EIRP	EIRP mask	Margin
78.64	-48.11	-14.00	34.11
78.74	-43.90	-14.00	29.90
78.84	-44.02	-14.00	30.02
78.94	-46.33	-14.00	32.33
79.04	-43.91	-14.00	29.91
79.13	-42.76	-14.00	28.76
79.24	-41.89	-14.00	27.89
79.34	-42.23	-14.00	28.23
79.44	-40.42	-14.00	26.42
79.54	-40.65	-14.00	26.65
79.64	-40.19	-14.00	26.19
79.74	-39.37	-14.00	25.37
79.84	-39.16	-14.00	25.16
79.94	-38.11	-14.00	24.11
80.04	-38.37	-14.00	24.37
80.14	-37.97	-14.00	23.97
80.24	-37.33	-14.00	23.33
80.34	-36.41	-14.00	22.41
80.44	-36.79	-14.00	22.79
80.54	-36.78	-14.00	22.78
80.64	-36.63	-14.00	22.63
80.74	-36.16	-14.00	22.16
80.84	-36.23	-14.00	22.23
80.94	-37.12	-14.00	23.12
81.04	-37.50	-14.00	23.50
81.14	-37.60	-14.00	23.60
81.24	-38.75	-14.00	24.75
81.34	-40.46	-14.00	26.46
81.44	-41.19	-14.00	27.19
81.54	-41.81	-14.00	27.81
81.63	-41.43	-14.00	27.43
81.74	-41.70	-14.00	27.70
81.84	-43.61	-14.00	29.61
81.94	-43.24	-14.00	29.24
82.04	-45.03	-14.00	31.03
82.14	-45.09	-14.00	31.09
82.24	-48.29	-14.00	34.29
82.33	-52.33	-14.00	38.33
82.44	-47.91	-14.00	33.91
82.54	-46.54	-14.00	32.54
82.64	-43.92	-14.00	29.92
82.74	-43.90	-14.00	29.90

Angle	TX EIRP	EIRP mask	Margin
-95.16	-29.31	-14.00	15.31
-95.06	-29.28	-14.00	15.28
-94.97	-29.36	-14.00	15.36
-94.86	-29.59	-14.00	15.59
-94.77	-29.74	-14.00	15.74
-94.66	-29.88	-14.00	15.88
-94.56	-30.32	-14.00	16.32
-94.46	-30.60	-14.00	16.60
-94.37	-30.94	-14.00	16.94
-94.26	-31.54	-14.00	17.54
-94.17	-32.84	-14.00	18.84
-94.07	-33.51	-14.00	19.51
-93.97	-34.31	-14.00	20.31
-93.87	-34.53	-14.00	20.53
-93.77	-34.92	-14.00	20.92
-93.67	-34.65	-14.00	20.65
-93.56	-35.84	-14.00	21.84
-93.47	-37.06	-14.00	23.06
-93.36	-39.60	-14.00	25.60
-93.26	-41.53	-14.00	27.53
-93.17	-42.34	-14.00	28.34
-93.06	-41.56	-14.00	27.56
-92.97	-40.06	-14.00	26.06
-92.86	-37.70	-14.00	23.70
-92.77	-37.76	-14.00	23.76
-92.66	-38.06	-14.00	24.06
-92.57	-38.93	-14.00	24.93
-92.46	-39.39	-14.00	25.39
-92.36	-38.99	-14.00	24.99
-92.27	-38.11	-14.00	24.11
-92.16	-38.00	-14.00	24.00
-92.06	-37.19	-14.00	23.19
-91.97	-37.14	-14.00	23.14
-91.87	-37.78	-14.00	23.78
-91.77	-38.61	-14.00	24.61
-91.66	-37.16	-14.00	23.16
-91.56	-36.09	-14.00	22.09
-91.46	-34.71	-14.00	20.71
-91.36	-34.04	-14.00	20.04
-91.26	-33.49	-14.00	19.49
-91.16	-33.27	-14.00	19.27
-91.06	-33.62	-14.00	19.62

Angle	TX EIRP	EIRP mask	Margin
82.84	-40.93	-14.00	26.93
82.94	-40.18	-14.00	26.18
83.04	-39.58	-14.00	25.58
83.14	-38.09	-14.00	24.09
83.24	-38.37	-14.00	24.37
83.34	-37.44	-14.00	23.44
83.44	-37.80	-14.00	23.80
83.54	-37.73	-14.00	23.73
83.64	-37.59	-14.00	23.59
83.74	-37.30	-14.00	23.30
83.84	-37.54	-14.00	23.54
83.94	-36.70	-14.00	22.70
84.04	-36.36	-14.00	22.36
84.14	-35.97	-14.00	21.97
84.24	-36.21	-14.00	22.21
84.34	-35.28	-14.00	21.28
84.44	-36.36	-14.00	22.36
84.54	-36.91	-14.00	22.91
84.64	-37.08	-14.00	23.08
84.74	-38.00	-14.00	24.00
84.84	-39.06	-14.00	25.06
84.94	-38.51	-14.00	24.51
85.04	-39.31	-14.00	25.31
85.14	-38.73	-14.00	24.73
85.24	-38.31	-14.00	24.31
85.34	-37.86	-14.00	23.86
85.44	-37.46	-14.00	23.46
85.54	-37.07	-14.00	23.07
85.64	-37.38	-14.00	23.38
85.74	-37.35	-14.00	23.35
85.84	-37.28	-14.00	23.28
85.94	-37.02	-14.00	23.02
86.04	-36.99	-14.00	22.99
86.14	-36.28	-14.00	22.28
86.24	-36.41	-14.00	22.41
86.34	-36.11	-14.00	22.11
86.44	-37.06	-14.00	23.06
86.54	-37.30	-14.00	23.30
86.64	-38.74	-14.00	24.74
86.74	-38.83	-14.00	24.83
86.84	-40.17	-14.00	26.17
86.94	-42.10	-14.00	28.10

Angle	TX EIRP	EIRP mask	Margin
-90.96	-34.49	-14.00	20.49
-90.87	-34.58	-14.00	20.58
-90.76	-34.48	-14.00	20.48
-90.66	-33.98	-14.00	19.98
-90.56	-33.66	-14.00	19.66
-90.46	-33.01	-14.00	19.01
-90.36	-33.48	-14.00	19.48
-90.26	-33.95	-14.00	19.95
-90.17	-34.74	-14.00	20.74
-90.06	-34.55	-14.00	20.55
-89.97	-34.61	-14.00	20.61
-89.86	-34.04	-14.00	20.04
-89.76	-33.51	-14.00	19.51
-89.66	-33.11	-14.00	19.11
-89.57	-33.17	-14.00	19.17
-89.46	-33.64	-14.00	19.64
-89.36	-34.47	-14.00	20.47
-89.27	-35.60	-14.00	21.60
-89.16	-35.73	-14.00	21.73
-89.06	-35.96	-14.00	21.96
-88.96	-35.48	-14.00	21.48
-88.87	-35.64	-14.00	21.64
-88.76	-36.43	-14.00	22.43
-88.67	-36.57	-14.00	22.57
-88.57	-38.92	-14.00	24.92
-88.47	-38.69	-14.00	24.69
-88.37	-38.11	-14.00	24.11
-88.26	-38.10	-14.00	24.10
-88.16	-36.86	-14.00	22.86
-88.07	-37.18	-14.00	23.18
-87.97	-37.88	-14.00	23.88
-87.86	-38.14	-14.00	24.14
-87.76	-39.17	-14.00	25.17
-87.66	-39.37	-14.00	25.37
-87.56	-39.68	-14.00	25.68
-87.46	-38.39	-14.00	24.39
-87.36	-39.01	-14.00	25.01
-87.26	-38.39	-14.00	24.39
-87.16	-39.76	-14.00	25.76
-87.06	-40.76	-14.00	26.76
-86.96	-42.12	-14.00	28.12
-86.87	-41.08	-14.00	27.08

Angle	TX EIRP	EIRP mask	Margin
87.04	-45.57	-14.00	31.57
87.14	-46.12	-14.00	32.12
87.24	-57.54	-14.00	43.54
87.34	-51.97	-14.00	37.97
87.44	-45.83	-14.00	31.83
87.54	-43.13	-14.00	29.13
87.64	-40.81	-14.00	26.81
87.74	-38.90	-14.00	24.90
87.84	-37.24	-14.00	23.24
87.94	-36.31	-14.00	22.31
88.04	-37.07	-14.00	23.07
88.14	-36.02	-14.00	22.02
88.24	-35.95	-14.00	21.95
88.34	-35.58	-14.00	21.58
88.44	-35.89	-14.00	21.89
88.54	-35.73	-14.00	21.73
88.64	-34.59	-14.00	20.59
88.73	-35.21	-14.00	21.21
88.84	-34.15	-14.00	20.15
88.94	-34.17	-14.00	20.17
89.04	-33.28	-14.00	19.28
89.14	-32.93	-14.00	18.93
89.24	-32.94	-14.00	18.94
89.34	-32.59	-14.00	18.59
89.44	-32.58	-14.00	18.58
89.54	-32.25	-14.00	18.25
89.64	-32.78	-14.00	18.78
89.74	-32.41	-14.00	18.41
89.84	-32.51	-14.00	18.51
89.94	-32.01	-14.00	18.01
90.04	-32.75	-14.00	18.75
90.14	-32.85	-14.00	18.85
90.24	-33.31	-14.00	19.31
90.34	-33.39	-14.00	19.39
90.44	-33.38	-14.00	19.38
90.54	-34.01	-14.00	20.01
90.64	-33.89	-14.00	19.89
90.74	-33.96	-14.00	19.96
90.84	-33.72	-14.00	19.72
90.94	-33.68	-14.00	19.68
91.04	-33.58	-14.00	19.58
91.14	-33.95	-14.00	19.95

Angle	TX EIRP	EIRP mask	Margin
-86.76	-39.67	-14.00	25.67
-86.66	-38.92	-14.00	24.92
-86.56	-37.90	-14.00	23.90
-86.46	-38.39	-14.00	24.39
-86.37	-40.93	-14.00	26.93
-86.26	-42.47	-14.00	28.47
-86.17	-42.95	-14.00	28.95
-86.07	-41.44	-14.00	27.44
-85.97	-40.45	-14.00	26.45
-85.87	-38.69	-14.00	24.69
-85.76	-38.97	-14.00	24.97
-85.66	-38.78	-14.00	24.78
-85.57	-39.62	-14.00	25.62
-85.46	-39.53	-14.00	25.53
-85.36	-39.88	-14.00	25.88
-85.27	-37.30	-14.00	23.30
-85.17	-36.57	-14.00	22.57
-85.06	-35.76	-14.00	21.76
-84.96	-35.60	-14.00	21.60
-84.86	-36.25	-14.00	22.25
-84.76	-37.44	-14.00	23.44
-84.67	-38.69	-14.00	24.69
-84.56	-37.92	-14.00	23.92
-84.47	-38.06	-14.00	24.06
-84.36	-38.28	-14.00	24.28
-84.26	-37.33	-14.00	23.33
-84.16	-38.08	-14.00	24.08
-84.06	-40.29	-14.00	26.29
-83.96	-40.79	-14.00	26.79
-83.86	-42.86	-14.00	28.86
-83.77	-40.27	-14.00	26.27
-83.67	-39.65	-14.00	25.65
-83.56	-37.69	-14.00	23.69
-83.47	-37.95	-14.00	23.95
-83.36	-37.94	-14.00	23.94
-83.26	-37.58	-14.00	23.58
-83.16	-39.18	-14.00	25.18
-83.06	-40.64	-14.00	26.64
-82.96	-39.53	-14.00	25.53
-82.87	-39.77	-14.00	25.77
-82.76	-40.05	-14.00	26.05
-82.66	-39.58	-14.00	25.58

Angle	TX EIRP	EIRP mask	Margin
91.24	-33.70	-14.00	19.70
91.34	-34.17	-14.00	20.17
91.44	-34.25	-14.00	20.25
91.54	-33.98	-14.00	19.98
91.64	-34.09	-14.00	20.09
91.74	-34.27	-14.00	20.27
91.84	-34.34	-14.00	20.34
91.94	-34.90	-14.00	20.90
92.04	-34.57	-14.00	20.57
92.13	-34.73	-14.00	20.73
92.24	-35.11	-14.00	21.11
92.34	-36.01	-14.00	22.01
92.44	-36.34	-14.00	22.34
92.54	-36.78	-14.00	22.78
92.64	-37.26	-14.00	23.26
92.74	-38.25	-14.00	24.25
92.84	-38.48	-14.00	24.48
92.94	-39.32	-14.00	25.32
93.04	-38.30	-14.00	24.30
93.14	-38.34	-14.00	24.34
93.24	-37.11	-14.00	23.11
93.34	-36.87	-14.00	22.87
93.44	-35.95	-14.00	21.95
93.53	-34.67	-14.00	20.67
93.64	-34.60	-14.00	20.60
93.74	-33.84	-14.00	19.84
93.84	-33.37	-14.00	19.37
93.94	-33.87	-14.00	19.87
94.04	-33.78	-14.00	19.78
94.14	-33.38	-14.00	19.38
94.24	-33.31	-14.00	19.31
94.34	-33.45	-14.00	19.45
94.44	-33.55	-14.00	19.55
94.54	-32.82	-14.00	18.82
94.64	-32.58	-14.00	18.58
94.74	-32.33	-14.00	18.33
94.84	-31.98	-14.00	17.98
94.94	-31.58	-14.00	17.58
95.04	-31.04	-14.00	17.04
95.14	-31.14	-14.00	17.14
95.24	-31.33	-14.00	17.33
95.34	-31.22	-14.00	17.22

Angle	TX EIRP	EIRP mask	Margin
-82.56	-40.86	-14.00	26.86
-82.46	-41.98	-14.00	27.98
-82.37	-42.91	-14.00	28.91
-82.26	-44.45	-14.00	30.45
-82.16	-45.32	-14.00	31.32
-82.07	-43.40	-14.00	29.40
-81.96	-45.39	-14.00	31.39
-81.86	-43.11	-14.00	29.11
-81.76	-41.40	-14.00	27.40
-81.66	-39.36	-14.00	25.36
-81.56	-37.55	-14.00	23.55
-81.47	-38.00	-14.00	24.00
-81.36	-36.35	-14.00	22.35
-81.26	-36.68	-14.00	22.68
-81.16	-36.39	-14.00	22.39
-81.06	-36.29	-14.00	22.29
-80.96	-35.17	-14.00	21.17
-80.86	-35.05	-14.00	21.05
-80.76	-34.38	-14.00	20.38
-80.66	-34.19	-14.00	20.19
-80.57	-33.48	-14.00	19.48
-80.46	-33.41	-14.00	19.41
-80.37	-33.94	-14.00	19.94
-80.26	-34.68	-14.00	20.68
-80.17	-34.99	-14.00	20.99
-80.06	-35.20	-14.00	21.20
-79.97	-36.51	-14.00	22.51
-79.86	-36.44	-14.00	22.44
-79.76	-37.39	-14.00	23.39
-79.66	-37.26	-14.00	23.26
-79.56	-38.17	-14.00	24.17
-79.46	-39.57	-14.00	25.57
-79.36	-40.00	-14.00	26.00
-79.26	-41.71	-14.00	27.71
-79.16	-41.98	-14.00	27.98
-79.06	-41.04	-14.00	27.04
-78.97	-40.88	-14.00	26.88
-78.86	-39.43	-14.00	25.43
-78.76	-39.33	-14.00	25.33
-78.66	-39.22	-14.00	25.22
-78.56	-39.38	-14.00	25.38
-78.47	-41.22	-14.00	27.22

Angle	TX EIRP	EIRP mask	Margin
95.44	-31.78	-14.00	17.78
95.54	-31.95	-14.00	17.95
95.64	-32.21	-14.00	18.21
95.74	-32.07	-14.00	18.07
95.83	-31.60	-14.00	17.60
95.94	-31.61	-14.00	17.61
96.04	-31.54	-14.00	17.54
96.14	-31.53	-14.00	17.53
96.23	-31.58	-14.00	17.58
96.34	-31.76	-14.00	17.76
96.44	-31.54	-14.00	17.54
96.54	-31.26	-14.00	17.26
96.63	-31.28	-14.00	17.28
96.74	-31.68	-14.00	17.68
96.84	-32.11	-14.00	18.11
96.93	-31.72	-14.00	17.72
97.04	-32.27	-14.00	18.27
97.14	-31.98	-14.00	17.98
97.24	-32.45	-14.00	18.45
97.34	-33.09	-14.00	19.09
97.44	-33.32	-14.00	19.32
97.54	-33.56	-14.00	19.56
97.64	-34.37	-14.00	20.37
97.74	-34.03	-14.00	20.03
97.84	-34.74	-14.00	20.74
97.94	-34.88	-14.00	20.88
98.04	-35.28	-14.00	21.28
98.14	-35.24	-14.00	21.24
98.24	-35.46	-14.00	21.46
98.34	-35.22	-14.00	21.22
98.44	-35.78	-14.00	21.78
98.54	-35.36	-14.00	21.36
98.64	-34.93	-14.00	20.93
98.74	-34.50	-14.00	20.50
98.84	-34.57	-14.00	20.57
98.94	-34.64	-14.00	20.64
99.04	-35.46	-14.00	21.46
99.14	-35.81	-14.00	21.81
99.23	-36.89	-14.00	22.89
99.34	-36.72	-14.00	22.72
99.44	-36.60	-14.00	22.60
99.54	-36.49	-14.00	22.49

Angle	TX EIRP	EIRP mask	Margin
-78.36	-41.70	-14.00	27.70
-78.27	-41.52	-14.00	27.52
-78.16	-41.72	-14.00	27.72
-78.07	-40.66	-14.00	26.66
-77.96	-40.36	-14.00	26.36
-77.87	-40.39	-14.00	26.39
-77.76	-39.79	-14.00	25.79
-77.66	-39.86	-14.00	25.86
-77.56	-39.55	-14.00	25.55
-77.46	-40.05	-14.00	26.05
-77.37	-40.60	-14.00	26.60
-77.27	-40.34	-14.00	26.34
-77.16	-40.57	-14.00	26.57
-77.06	-39.44	-14.00	25.44
-76.96	-37.40	-14.00	23.40
-76.86	-37.27	-14.00	23.27
-76.76	-36.47	-14.00	22.47
-76.67	-35.93	-14.00	21.93
-76.56	-36.34	-14.00	22.34
-76.47	-36.61	-14.00	22.61
-76.36	-38.19	-14.00	24.19
-76.26	-40.42	-14.00	26.42
-76.16	-42.54	-14.00	28.54
-76.06	-42.36	-14.00	28.36
-75.96	-42.67	-14.00	28.67
-75.87	-41.99	-14.00	27.99
-75.76	-41.83	-14.00	27.83
-75.67	-42.02	-14.00	28.02
-75.57	-44.38	-14.00	30.38
-75.47	-44.29	-14.00	30.29
-75.36	-45.46	-14.00	31.46
-75.26	-43.28	-14.00	29.28
-75.17	-42.91	-14.00	28.91
-75.06	-42.91	-14.00	28.91
-74.96	-43.24	-14.00	29.24
-74.87	-43.06	-14.00	29.06
-74.77	-43.76	-14.00	29.76
-74.66	-43.43	-14.00	29.43
-74.56	-42.15	-14.00	28.15
-74.46	-42.09	-14.00	28.09
-74.37	-41.75	-14.00	27.75
-74.26	-40.61	-14.00	26.61

Angle	TX EIRP	EIRP mask	Margin
99.64	-35.54	-14.00	21.54
99.74	-35.93	-14.00	21.93
99.84	-35.96	-14.00	21.96
99.94	-37.05	-14.00	23.05
100.04	-36.49	-14.00	22.49
100.14	-38.42	-14.00	24.42
100.24	-37.97	-14.00	23.97
100.34	-36.57	-14.00	22.57
100.44	-35.79	-14.00	21.79
100.54	-34.84	-14.00	20.84
100.64	-34.20	-14.00	20.20
100.73	-33.90	-14.00	19.90
100.84	-32.91	-14.00	18.91
100.94	-33.09	-14.00	19.09
101.04	-32.89	-14.00	18.89
101.14	-32.40	-14.00	18.40
101.24	-32.18	-14.00	18.18
101.34	-32.21	-14.00	18.21
101.44	-31.63	-14.00	17.63
101.54	-31.12	-14.00	17.12
101.64	-30.66	-14.00	16.66
101.74	-30.48	-14.00	16.48
101.84	-29.92	-14.00	15.92
101.94	-29.28	-14.00	15.28
102.04	-28.83	-14.00	14.83
102.14	-28.62	-14.00	14.62
102.24	-28.51	-14.00	14.51
102.34	-28.58	-14.00	14.58
102.44	-29.31	-14.00	15.31
102.54	-29.32	-14.00	15.32
102.64	-29.63	-14.00	15.63
102.74	-29.69	-14.00	15.69
102.84	-29.87	-14.00	15.87
102.94	-29.95	-14.00	15.95
103.04	-29.95	-14.00	15.95
103.14	-29.59	-14.00	15.59
103.23	-29.49	-14.00	15.49
103.34	-29.27	-14.00	15.27
103.44	-29.05	-14.00	15.05
103.54	-29.12	-14.00	15.12
103.64	-28.90	-14.00	14.90
103.74	-29.18	-14.00	15.18

Angle	TX EIRP	EIRP mask	Margin
-74.16	-41.18	-14.00	27.18
-74.07	-41.59	-14.00	27.59
-73.97	-41.63	-14.00	27.63
-73.86	-41.76	-14.00	27.76
-73.77	-43.29	-14.00	29.29
-73.67	-44.10	-14.00	30.10
-73.57	-44.89	-14.00	30.89
-73.46	-43.68	-14.00	29.68
-73.36	-44.06	-14.00	30.06
-73.26	-44.36	-14.00	30.36
-73.17	-44.73	-14.00	30.73
-73.06	-43.29	-14.00	29.29
-72.97	-42.81	-14.00	28.81
-72.87	-40.87	-14.00	26.87
-72.77	-40.19	-14.00	26.19
-72.66	-37.62	-14.00	23.62
-72.57	-37.16	-14.00	23.16
-72.46	-36.63	-14.00	22.63
-72.36	-36.13	-14.00	22.13
-72.26	-35.39	-14.00	21.39
-72.17	-35.00	-14.00	21.00
-72.06	-35.57	-14.00	21.57
-71.97	-36.04	-14.00	22.04
-71.86	-36.88	-14.00	22.88
-71.77	-37.68	-14.00	23.68
-71.66	-37.31	-14.00	23.31
-71.56	-37.54	-14.00	23.54
-71.47	-37.33	-14.00	23.33
-71.36	-36.48	-14.00	22.48
-71.26	-35.76	-14.00	21.76
-71.17	-36.20	-14.00	22.20
-71.07	-36.42	-14.00	22.42
-70.97	-36.61	-14.00	22.61
-70.86	-38.51	-14.00	24.51
-70.76	-41.62	-14.00	27.62
-70.66	-43.72	-14.00	29.72
-70.56	-47.40	-14.00	33.40
-70.46	-51.13	-14.00	37.13
-70.36	-59.30	-14.00	45.30
-70.26	-48.34	-14.00	34.34
-70.16	-44.39	-14.00	30.39
-70.06	-42.41	-14.00	28.41

Angle	TX EIRP	EIRP mask	Margin
103.84	-29.57	-14.00	15.57
103.93	-29.57	-14.00	15.57
104.04	-29.54	-14.00	15.54
104.14	-29.70	-14.00	15.70
104.24	-30.04	-14.00	16.04
104.34	-29.79	-14.00	15.79
104.44	-29.86	-14.00	15.86
104.54	-30.36	-14.00	16.36
104.64	-30.19	-14.00	16.19
104.74	-30.66	-14.00	16.66
104.84	-30.92	-14.00	16.92
104.94	-31.11	-14.00	17.11
105.04	-31.52	-14.00	17.52
105.13	-31.59	-14.00	17.59
105.24	-31.35	-14.00	17.35
105.34	-32.05	-14.00	18.05
105.44	-32.61	-14.00	18.61
105.53	-33.02	-14.00	19.02
105.64	-32.95	-14.00	18.95
105.74	-32.99	-14.00	18.99
105.84	-33.05	-14.00	19.05
105.94	-33.27	-14.00	19.27
106.04	-33.57	-14.00	19.57
106.14	-34.19	-14.00	20.19
106.24	-34.01	-14.00	20.01
106.34	-34.80	-14.00	20.80
106.44	-35.43	-14.00	21.43
106.54	-35.78	-14.00	21.78
106.64	-35.56	-14.00	21.56
106.74	-35.76	-14.00	21.76
106.84	-36.84	-14.00	22.84
106.94	-36.29	-14.00	22.29
107.03	-35.41	-14.00	21.41
107.14	-35.10	-14.00	21.10
107.24	-34.21	-14.00	20.21
107.34	-33.37	-14.00	19.37
107.44	-32.80	-14.00	18.80
107.54	-32.85	-14.00	18.85
107.64	-32.10	-14.00	18.10
107.74	-32.21	-14.00	18.21
107.84	-32.20	-14.00	18.20
107.94	-32.41	-14.00	18.41

Angle	TX EIRP	EIRP mask	Margin
-69.96	-40.22	-14.00	26.22
-69.86	-39.01	-14.00	25.01
-69.76	-39.23	-14.00	25.23
-69.66	-39.37	-14.00	25.37
-69.56	-38.88	-14.00	24.88
-69.46	-38.11	-14.00	24.11
-69.37	-37.79	-14.00	23.79
-69.27	-36.57	-14.00	22.57
-69.16	-36.08	-14.00	22.08
-69.07	-36.28	-14.00	22.28
-68.96	-36.39	-14.00	22.39
-68.87	-36.33	-14.00	22.33
-68.77	-36.84	-14.00	22.84
-68.67	-37.04	-14.00	23.04
-68.57	-37.03	-14.00	23.03
-68.46	-36.94	-14.00	22.94
-68.36	-36.88	-14.00	22.88
-68.26	-37.48	-14.00	23.48
-68.17	-38.01	-14.00	24.01
-68.07	-39.21	-14.00	25.21
-67.96	-40.06	-14.00	26.06
-67.86	-40.98	-14.00	26.98
-67.77	-41.83	-14.00	27.83
-67.66	-42.45	-14.00	28.45
-67.57	-45.27	-14.00	31.27
-67.47	-46.92	-14.00	32.92
-67.37	-50.11	-14.00	36.11
-67.26	-46.95	-14.00	32.95
-67.16	-46.15	-14.00	32.15
-67.06	-43.66	-14.00	29.66
-66.97	-43.31	-14.00	29.31
-66.86	-41.59	-14.00	27.59
-66.77	-40.35	-14.00	26.35
-66.67	-40.06	-14.00	26.06
-66.57	-39.40	-14.00	25.40
-66.47	-38.34	-14.00	24.34
-66.36	-37.40	-14.00	23.40
-66.26	-36.78	-14.00	22.78
-66.17	-37.00	-14.00	23.00
-66.06	-35.77	-14.00	21.77
-65.97	-34.99	-14.00	20.99
-65.87	-34.52	-14.00	20.52

Angle	TX EIRP	EIRP mask	Margin
108.04	-32.06	-14.00	18.06
108.14	-31.85	-14.00	17.85
108.24	-31.60	-14.00	17.60
108.34	-31.20	-14.00	17.20
108.44	-30.95	-14.00	16.95
108.54	-30.67	-14.00	16.67
108.64	-30.21	-14.00	16.21
108.74	-30.11	-14.00	16.11
108.84	-29.86	-14.00	15.86
108.94	-29.48	-14.00	15.48
109.04	-29.15	-14.00	15.15
109.14	-28.74	-14.00	14.74
109.24	-28.58	-14.00	14.58
109.34	-28.07	-14.00	14.07
109.44	-28.12	-14.00	14.12
109.54	-27.98	-14.00	13.98
109.64	-27.88	-14.00	13.88
109.74	-27.73	-14.00	13.73
109.84	-27.68	-14.00	13.68
109.94	-26.99	-14.00	12.99
110.04	-26.79	-14.00	12.79
110.14	-26.60	-14.00	12.60
110.24	-26.58	-14.00	12.58
110.33	-26.37	-14.00	12.37
110.44	-26.24	-14.00	12.24
110.54	-26.09	-14.00	12.09
110.64	-26.08	-14.00	12.08
110.74	-25.75	-14.00	11.75
110.84	-25.63	-14.00	11.63
110.94	-25.54	-14.00	11.54
111.04	-25.49	-14.00	11.49
111.14	-25.26	-14.00	11.26
111.24	-25.34	-14.00	11.34
111.34	-25.21	-14.00	11.21
111.44	-25.01	-14.00	11.01
111.54	-24.84	-14.00	10.84
111.64	-25.05	-14.00	11.05
111.74	-24.86	-14.00	10.86
111.84	-24.54	-14.00	10.54
111.94	-24.29	-14.00	10.29
112.04	-24.01	-14.00	10.01
112.14	-23.81	-14.00	9.81

Angle	TX EIRP	EIRP mask	Margin
-65.76	-34.04	-14.00	20.04
-65.66	-33.53	-14.00	19.53
-65.56	-33.18	-14.00	19.18
-65.46	-33.14	-14.00	19.14
-65.36	-33.22	-14.00	19.22
-65.27	-33.26	-14.00	19.26
-65.17	-33.73	-14.00	19.73
-65.06	-34.46	-14.00	20.46
-64.97	-34.34	-14.00	20.34
-64.87	-34.25	-14.00	20.25
-64.77	-34.93	-14.00	20.93
-64.67	-34.72	-14.00	20.72
-64.57	-36.17	-14.00	22.17
-64.47	-37.25	-14.00	23.25
-64.36	-38.02	-14.00	24.02
-64.26	-39.34	-14.00	25.34
-64.17	-41.84	-14.00	27.84
-64.07	-43.00	-14.00	29.00
-63.97	-42.88	-14.00	28.88
-63.86	-43.47	-14.00	29.47
-63.76	-44.69	-14.00	30.69
-63.66	-47.52	-14.00	33.52
-63.57	-49.07	-14.00	35.07
-63.46	-48.85	-14.00	34.85
-63.37	-44.44	-14.00	30.44
-63.27	-41.20	-14.00	27.20
-63.16	-40.54	-14.00	26.54
-63.06	-40.49	-14.00	26.49
-62.96	-40.09	-14.00	26.09
-62.86	-39.88	-14.00	25.88
-62.77	-39.89	-14.00	25.89
-62.67	-40.20	-14.00	26.20
-62.56	-37.87	-14.00	23.87
-62.46	-36.64	-14.00	22.64
-62.36	-36.09	-14.00	22.09
-62.27	-35.62	-14.00	21.62
-62.17	-34.70	-14.00	20.70
-62.06	-34.52	-14.00	20.52
-61.97	-33.95	-14.00	19.95
-61.87	-32.98	-14.00	18.98
-61.77	-32.33	-14.00	18.33
-61.67	-31.98	-14.00	17.98

Angle	TX EIRP	EIRP mask	Margin
112.24	-23.56	-14.00	9.56
112.34	-23.68	-14.00	9.68
112.44	-23.58	-14.00	9.58
112.54	-23.52	-14.00	9.52
112.64	-23.57	-14.00	9.57
112.74	-23.56	-14.00	9.56
112.84	-23.68	-14.00	9.68
112.94	-23.80	-14.00	9.80
113.04	-23.87	-14.00	9.87
113.14	-24.07	-14.00	10.07
113.24	-24.06	-14.00	10.06
113.34	-23.82	-14.00	9.82
113.44	-23.62	-14.00	9.62
113.54	-23.50	-14.00	9.50
113.64	-23.25	-14.00	9.25
113.74	-23.12	-14.00	9.12
113.84	-23.00	-14.00	9.00
113.94	-22.97	-14.00	8.97
114.04	-22.78	-14.00	8.78
114.14	-22.67	-14.00	8.67
114.24	-22.60	-14.00	8.60
114.34	-22.51	-14.00	8.51
114.44	-22.62	-14.00	8.62
114.54	-22.55	-14.00	8.55
114.64	-23.02	-14.00	9.02
114.74	-22.95	-14.00	8.95
114.84	-23.13	-14.00	9.13
114.94	-22.99	-14.00	8.99
115.04	-23.14	-14.00	9.14
115.14	-23.02	-14.00	9.02
115.24	-22.98	-14.00	8.98
115.34	-23.05	-14.00	9.05
115.44	-23.33	-14.00	9.33
115.54	-23.27	-14.00	9.27
115.64	-23.26	-14.00	9.26
115.74	-23.43	-14.00	9.43
115.84	-23.34	-14.00	9.34
115.94	-23.51	-14.00	9.51
116.04	-23.64	-14.00	9.64
116.14	-23.67	-14.00	9.67
116.24	-23.77	-14.00	9.77
116.34	-23.62	-14.00	9.62

Angle	TX EIRP	EIRP mask	Margin
-61.56	-31.76	-14.00	17.76
-61.46	-31.69	-14.00	17.69
-61.37	-31.57	-14.00	17.57
-61.26	-31.55	-14.00	17.55
-61.17	-31.63	-14.00	17.63
-61.07	-31.89	-14.00	17.89
-60.97	-31.72	-14.00	17.72
-60.86	-31.48	-14.00	17.48
-60.76	-31.71	-14.00	17.71
-60.66	-32.21	-14.00	18.21
-60.57	-32.26	-14.00	18.26
-60.46	-33.66	-14.00	19.66
-60.36	-34.09	-14.00	20.09
-60.26	-35.95	-14.00	21.95
-60.16	-37.02	-14.00	23.02
-60.06	-37.78	-14.00	23.78
-59.97	-39.43	-14.00	25.43
-59.87	-39.90	-14.00	25.90
-59.77	-39.92	-14.00	25.92
-59.66	-39.96	-14.00	25.96
-59.57	-37.98	-14.00	23.98
-59.47	-36.75	-14.00	22.75
-59.37	-35.19	-14.00	21.19
-59.27	-34.51	-14.00	20.51
-59.16	-33.96	-14.00	19.96
-59.07	-34.05	-14.00	20.05
-58.96	-33.99	-14.00	19.99
-58.86	-33.50	-14.00	19.50
-58.76	-33.35	-14.00	19.35
-58.66	-32.69	-14.00	18.69
-58.56	-32.71	-14.00	18.71
-58.46	-32.88	-14.00	18.88
-58.36	-32.95	-14.00	18.95
-58.26	-33.31	-14.00	19.31
-58.17	-33.93	-14.00	19.93
-58.06	-33.17	-14.00	19.17
-57.97	-33.39	-14.00	19.39
-57.86	-33.14	-14.00	19.14
-57.77	-32.80	-14.00	18.80
-57.66	-32.98	-14.00	18.98
-57.56	-33.06	-14.00	19.06
-57.47	-33.48	-14.00	19.48

Angle	TX EIRP	EIRP mask	Margin
116.44	-23.60	-14.00	9.60
116.54	-23.30	-14.00	9.30
116.63	-23.19	-14.00	9.19
116.74	-23.06	-14.00	9.06
116.84	-23.04	-14.00	9.04
116.94	-23.36	-14.00	9.36
117.04	-23.37	-14.00	9.37
117.14	-23.28	-14.00	9.28
117.24	-23.55	-14.00	9.55
117.34	-23.71	-14.00	9.71
117.44	-23.68	-14.00	9.68
117.54	-23.93	-14.00	9.93
117.64	-24.18	-14.00	10.18
117.74	-24.23	-14.00	10.23
117.84	-24.16	-14.00	10.16
117.94	-24.16	-14.00	10.16
118.04	-23.91	-14.00	9.91
118.14	-24.12	-14.00	10.12
118.24	-24.02	-14.00	10.02
118.34	-24.12	-14.00	10.12
118.43	-24.08	-14.00	10.08
118.53	-24.07	-14.00	10.07
118.64	-23.96	-14.00	9.96
118.74	-23.74	-14.00	9.74
118.84	-23.52	-14.00	9.52
118.94	-23.54	-14.00	9.54
119.04	-23.64	-14.00	9.64
119.14	-23.74	-14.00	9.74
119.24	-23.78	-14.00	9.78
119.34	-23.80	-14.00	9.80
119.44	-23.79	-14.00	9.79
119.54	-23.72	-14.00	9.72
119.64	-23.68	-14.00	9.68
119.74	-23.91	-14.00	9.91
119.84	-24.12	-14.00	10.12
119.93	-24.28	-14.00	10.28
120.04	-24.41	-14.00	10.41
120.14	-24.31	-14.00	10.31
120.24	-24.36	-14.00	10.36
120.34	-24.11	-14.00	10.11
120.44	-24.06	-14.00	10.06
120.54	-24.35	-14.00	10.35

Angle	TX EIRP	EIRP mask	Margin
-57.37	-33.80	-14.00	19.80
-57.26	-33.99	-14.00	19.99
-57.16	-35.01	-14.00	21.01
-57.07	-34.86	-14.00	20.86
-56.97	-35.35	-14.00	21.35
-56.86	-36.26	-14.00	22.26
-56.76	-37.73	-14.00	23.73
-56.66	-39.25	-14.00	25.25
-56.57	-40.06	-14.00	26.06
-56.46	-42.79	-14.00	28.79
-56.36	-46.34	-14.00	32.34
-56.27	-48.50	-14.00	34.50
-56.17	-46.19	-14.00	32.19
-56.07	-50.48	-14.00	36.48
-55.97	-51.41	-14.00	37.41
-55.87	-50.33	-14.00	36.33
-55.76	-47.25	-14.00	33.25
-55.67	-46.01	-14.00	32.01
-55.57	-44.38	-14.00	30.38
-55.46	-43.70	-14.00	29.70
-55.36	-43.83	-14.00	29.83
-55.26	-45.47	-14.00	31.47
-55.17	-42.27	-14.00	28.27
-55.07	-40.14	-14.00	26.14
-54.96	-38.82	-14.00	24.82
-54.86	-36.89	-14.00	22.89
-54.77	-35.64	-14.00	21.64
-54.66	-34.58	-14.00	20.58
-54.57	-34.49	-14.00	20.49
-54.46	-33.84	-14.00	19.84
-54.36	-33.53	-14.00	19.53
-54.26	-32.99	-14.00	18.99
-54.16	-32.52	-14.00	18.52
-54.07	-32.17	-14.00	18.17
-53.96	-31.91	-14.00	17.91
-53.86	-31.89	-14.00	17.89
-53.77	-32.39	-14.00	18.39
-53.67	-33.15	-14.00	19.15
-53.57	-33.77	-14.00	19.77
-53.46	-34.66	-14.00	20.66
-53.36	-36.64	-14.00	22.64
-53.27	-37.85	-14.00	23.85

Angle	TX EIRP	EIRP mask	Margin
120.64	-24.29	-14.00	10.29
120.73	-24.50	-14.00	10.50
120.84	-24.59	-14.00	10.59
120.94	-24.49	-14.00	10.49
121.04	-24.33	-14.00	10.33
121.14	-24.46	-14.00	10.46
121.24	-24.60	-14.00	10.60
121.34	-24.83	-14.00	10.83
121.44	-25.10	-14.00	11.10
121.54	-25.17	-14.00	11.17
121.64	-24.98	-14.00	10.98
121.74	-25.10	-14.00	11.10
121.84	-25.13	-14.00	11.13
121.94	-25.09	-14.00	11.09
122.04	-25.26	-14.00	11.26
122.14	-25.09	-14.00	11.09
122.24	-25.34	-14.00	11.34
122.34	-25.43	-14.00	11.43
122.44	-25.58	-14.00	11.58
122.54	-25.44	-14.00	11.44
122.64	-25.72	-14.00	11.72
122.74	-26.12	-14.00	12.12
122.84	-26.44	-14.00	12.44
122.94	-26.54	-14.00	12.54
123.04	-26.83	-14.00	12.83
123.14	-27.00	-14.00	13.00
123.24	-27.21	-14.00	13.21
123.34	-27.23	-14.00	13.23
123.44	-27.31	-14.00	13.31
123.54	-27.36	-14.00	13.36
123.64	-27.54	-14.00	13.54
123.74	-27.67	-14.00	13.67
123.84	-27.70	-14.00	13.70
123.94	-27.79	-14.00	13.79
124.03	-28.18	-14.00	14.18
124.14	-28.30	-14.00	14.30
124.24	-28.40	-14.00	14.40
124.34	-28.50	-14.00	14.50
124.44	-28.57	-14.00	14.57
124.54	-28.94	-14.00	14.94
124.64	-29.18	-14.00	15.18
124.73	-29.39	-14.00	15.39

Angle	TX EIRP	EIRP mask	Margin
-53.17	-38.13	-14.00	24.13
-53.06	-40.88	-14.00	26.88
-52.96	-42.91	-14.00	28.91
-52.86	-47.27	-14.00	33.27
-52.76	-52.24	-14.00	38.24
-52.67	-47.56	-14.00	33.56
-52.57	-43.96	-14.00	29.96
-52.46	-42.79	-14.00	28.79
-52.36	-42.63	-14.00	28.63
-52.26	-41.42	-14.00	27.42
-52.16	-39.87	-14.00	25.87
-52.06	-39.65	-14.00	25.65
-51.96	-39.17	-14.00	25.17
-51.86	-38.87	-14.00	24.87
-51.76	-38.57	-14.00	24.57
-51.66	-38.14	-14.00	24.14
-51.57	-37.84	-14.00	23.84
-51.47	-39.44	-14.00	25.44
-51.37	-37.69	-14.00	23.69
-51.27	-38.02	-14.00	24.02
-51.16	-37.18	-14.00	23.18
-51.07	-37.07	-14.00	23.07
-50.96	-37.09	-14.00	23.09
-50.87	-36.52	-14.00	22.52
-50.77	-37.21	-14.00	23.21
-50.67	-37.08	-14.00	23.08
-50.56	-36.45	-14.00	22.45
-50.46	-36.48	-14.00	22.48
-50.37	-35.98	-14.00	21.98
-50.27	-36.87	-14.00	22.87
-50.16	-36.50	-14.00	22.50
-50.07	-36.41	-14.00	22.41
-49.96	-37.68	-14.00	23.68
-49.86	-39.27	-14.00	25.27
-49.77	-41.01	-14.00	27.01
-49.67	-40.84	-14.00	26.84
-49.57	-42.40	-14.00	28.40
-49.46	-42.06	-14.00	28.06
-49.36	-42.65	-14.00	28.65
-49.26	-44.37	-14.00	30.37
-49.16	-42.75	-14.00	28.75
-49.06	-41.15	-14.00	27.15

Angle	TX EIRP	EIRP mask	Margin
124.84	-29.17	-14.00	15.17
124.94	-29.25	-14.00	15.25
125.04	-28.86	-14.00	14.86
125.14	-28.50	-14.00	14.50
125.24	-28.22	-14.00	14.22
125.34	-28.35	-14.00	14.35
125.44	-28.36	-14.00	14.36
125.53	-28.34	-14.00	14.34
125.64	-27.87	-14.00	13.87
125.74	-27.53	-14.00	13.53
125.84	-27.40	-14.00	13.40
125.94	-27.58	-14.00	13.58
126.04	-27.32	-14.00	13.32
126.14	-27.51	-14.00	13.51
126.24	-27.91	-14.00	13.91
126.34	-28.25	-14.00	14.25
126.44	-28.31	-14.00	14.31
126.53	-28.65	-14.00	14.65
126.64	-28.69	-14.00	14.69
126.74	-29.21	-14.00	15.21
126.84	-29.77	-14.00	15.77
126.94	-29.98	-14.00	15.98
127.04	-30.61	-14.00	16.61
127.14	-30.69	-14.00	16.69
127.24	-30.25	-14.00	16.25
127.34	-29.98	-14.00	15.98
127.44	-29.26	-14.00	15.26
127.54	-29.38	-14.00	15.38
127.64	-29.14	-14.00	15.14
127.74	-29.56	-14.00	15.56
127.84	-29.32	-14.00	15.32
127.94	-28.97	-14.00	14.97
128.04	-29.05	-14.00	15.05
128.14	-28.89	-14.00	14.89
128.24	-29.39	-14.00	15.39
128.34	-30.30	-14.00	16.30
128.44	-30.95	-14.00	16.95
128.54	-32.15	-14.00	18.15
128.64	-32.59	-14.00	18.59
128.74	-32.60	-14.00	18.60
128.84	-31.96	-14.00	17.96
128.94	-31.42	-14.00	17.42

Angle	TX EIRP	EIRP mask	Margin
-48.96	-39.75	-14.00	25.75
-48.86	-38.97	-14.00	24.97
-48.76	-37.44	-14.00	23.44
-48.66	-36.90	-14.00	22.90
-48.56	-36.66	-14.00	22.66
-48.47	-37.09	-14.00	23.09
-48.37	-36.37	-14.00	22.37
-48.26	-35.82	-14.00	21.82
-48.16	-35.26	-14.00	21.26
-48.06	-35.17	-14.00	21.17
-47.96	-34.22	-14.00	20.22
-47.86	-33.44	-14.00	19.44
-47.76	-32.57	-14.00	18.57
-47.67	-32.19	-14.00	18.19
-47.56	-31.51	-14.00	17.51
-47.47	-31.06	-14.00	17.06
-47.36	-30.94	-14.00	16.94
-47.27	-30.99	-14.00	16.99
-47.16	-30.85	-14.00	16.85
-47.06	-31.44	-14.00	17.44
-46.97	-31.79	-14.00	17.79
-46.86	-32.35	-14.00	18.35
-46.76	-31.91	-14.00	17.91
-46.66	-33.12	-14.00	19.12
-46.56	-33.33	-14.00	19.33
-46.46	-34.81	-14.00	20.81
-46.36	-35.64	-14.00	21.64
-46.27	-36.96	-14.00	22.96
-46.16	-39.43	-14.00	25.43
-46.06	-43.04	-14.00	29.04
-45.97	-47.82	-14.00	33.82
-45.87	-50.52	-14.00	36.52
-45.76	-48.42	-14.00	34.42
-45.66	-43.56	-14.00	29.56
-45.56	-41.02	-14.00	27.02
-45.47	-38.81	-14.00	24.81
-45.36	-38.12	-14.00	24.12
-45.26	-36.80	-14.00	22.80
-45.17	-36.97	-14.00	22.97
-45.06	-36.93	-14.00	22.93
-44.96	-36.13	-14.00	22.13
-44.87	-36.11	-14.00	22.11

Angle	TX EIRP	EIRP mask	Margin
129.04	-31.39	-14.00	17.39
129.14	-31.16	-14.00	17.16
129.24	-30.85	-14.00	16.85
129.34	-30.75	-14.00	16.75
129.44	-30.80	-14.00	16.80
129.54	-30.20	-14.00	16.20
129.64	-30.13	-14.00	16.13
129.74	-30.28	-14.00	16.28
129.84	-31.17	-14.00	17.17
129.94	-31.32	-14.00	17.32
130.04	-31.91	-14.00	17.91
130.14	-32.19	-14.00	18.19
130.24	-32.25	-14.00	18.25
130.34	-31.86	-14.00	17.86
130.44	-32.00	-14.00	18.00
130.54	-32.19	-14.00	18.19
130.64	-32.56	-14.00	18.56
130.74	-32.61	-14.00	18.61
130.84	-33.74	-14.00	19.74
130.94	-33.99	-14.00	19.99
131.04	-34.09	-14.00	20.09
131.14	-33.45	-14.00	19.45
131.24	-33.10	-14.00	19.10
131.34	-33.33	-14.00	19.33
131.44	-33.26	-14.00	19.26
131.54	-33.33	-14.00	19.33
131.64	-33.09	-14.00	19.09
131.74	-32.83	-14.00	18.83
131.84	-32.36	-14.00	18.36
131.94	-32.04	-14.00	18.04
132.04	-31.76	-14.00	17.76
132.14	-31.76	-14.00	17.76
132.24	-32.31	-14.00	18.31
132.34	-32.63	-14.00	18.63
132.44	-33.51	-14.00	19.51
132.54	-34.29	-14.00	20.29
132.64	-35.57	-14.00	21.57
132.74	-36.74	-14.00	22.74
132.84	-36.82	-14.00	22.82
132.94	-37.56	-14.00	23.56
133.04	-38.21	-14.00	24.21
133.14	-37.68	-14.00	23.68

Angle	TX EIRP	EIRP mask	Margin
-44.77	-36.98	-14.00	22.98
-44.67	-36.90	-14.00	22.90
-44.57	-38.53	-14.00	24.53
-44.46	-39.07	-14.00	25.07
-44.37	-40.14	-14.00	26.14
-44.26	-42.62	-14.00	28.62
-44.16	-44.76	-14.00	30.76
-44.06	-45.73	-14.00	31.73
-43.97	-47.11	-14.00	33.11
-43.86	-47.84	-14.00	33.84
-43.77	-50.22	-14.00	36.22
-43.66	-49.53	-14.00	35.53
-43.56	-49.00	-14.00	35.00
-43.46	-46.79	-14.00	32.79
-43.36	-44.96	-14.00	30.96
-43.27	-43.34	-14.00	29.34
-43.16	-41.20	-14.00	27.20
-43.07	-39.54	-14.00	25.54
-42.96	-39.02	-14.00	25.02
-42.87	-37.82	-14.00	23.82
-42.76	-36.34	-14.00	22.34
-42.66	-35.24	-14.00	21.24
-42.56	-35.77	-14.00	21.77
-42.46	-35.06	-14.00	21.06
-42.36	-35.28	-14.00	21.28
-42.26	-35.05	-14.00	21.05
-42.17	-34.90	-14.00	20.90
-42.06	-34.89	-14.00	20.89
-41.96	-35.80	-14.00	21.80
-41.87	-36.07	-14.00	22.07
-41.76	-36.51	-14.00	22.51
-41.66	-37.22	-14.00	23.22
-41.56	-37.72	-14.00	23.72
-41.47	-37.97	-14.00	23.97
-41.37	-39.17	-14.00	25.17
-41.26	-40.27	-14.00	26.27
-41.16	-39.02	-14.00	25.02
-41.06	-36.86	-14.00	22.86
-40.96	-35.66	-14.00	21.66
-40.86	-33.92	-14.00	19.92
-40.76	-33.10	-14.00	19.10
-40.67	-32.61	-14.00	18.61

Angle	TX EIRP	EIRP mask	Margin
133.24	-37.55	-14.00	23.55
133.34	-36.62	-14.00	22.62
133.44	-35.53	-14.00	21.53
133.54	-34.68	-14.00	20.68
133.63	-34.54	-14.00	20.54
133.73	-33.95	-14.00	19.95
133.84	-35.11	-14.00	21.11
133.94	-35.56	-14.00	21.56
134.04	-36.39	-14.00	22.39
134.14	-38.02	-14.00	24.02
134.24	-38.13	-14.00	24.13
134.34	-38.86	-14.00	24.86
134.44	-37.99	-14.00	23.99
134.54	-38.56	-14.00	24.56
134.64	-37.61	-14.00	23.61
134.74	-37.00	-14.00	23.00
134.84	-36.51	-14.00	22.51
134.94	-36.55	-14.00	22.55
135.04	-37.09	-14.00	23.09
135.14	-36.50	-14.00	22.50
135.24	-36.59	-14.00	22.59
135.34	-37.74	-14.00	23.74
135.44	-38.59	-14.00	24.59
135.53	-38.87	-14.00	24.87
135.64	-39.08	-14.00	25.08
135.74	-40.08	-14.00	26.08
135.84	-40.29	-14.00	26.29
135.94	-39.17	-14.00	25.17
136.04	-38.13	-14.00	24.13
136.14	-36.81	-14.00	22.81
136.24	-35.59	-14.00	21.59
136.34	-34.71	-14.00	20.71
136.44	-34.55	-14.00	20.55
136.54	-34.50	-14.00	20.50
136.64	-34.68	-14.00	20.68
136.74	-35.17	-14.00	21.17
136.84	-34.63	-14.00	20.63
136.94	-35.24	-14.00	21.24
137.04	-35.19	-14.00	21.19
137.14	-35.56	-14.00	21.56
137.24	-35.82	-14.00	21.82
137.34	-37.62	-14.00	23.62

Angle	TX EIRP	EIRP mask	Margin
-40.56	-31.40	-14.00	17.40
-40.47	-30.79	-14.00	16.79
-40.37	-30.40	-14.00	16.40
-40.27	-30.16	-14.00	16.16
-40.16	-29.74	-14.00	15.74
-40.06	-29.55	-14.00	15.55
-39.96	-29.60	-14.00	15.60
-39.87	-29.42	-14.00	15.42
-39.76	-29.39	-14.00	15.39
-39.67	-29.43	-14.00	15.43
-39.57	-29.41	-14.00	15.41
-39.46	-29.73	-14.00	15.73
-39.36	-30.42	-14.00	16.42
-39.26	-31.38	-14.00	17.38
-39.16	-32.65	-14.00	18.65
-39.06	-35.08	-14.00	21.08
-38.97	-37.20	-14.00	23.20
-38.86	-40.36	-14.00	26.36
-38.76	-46.96	-14.00	32.96
-38.67	-48.17	-14.00	34.17
-38.57	-43.86	-14.00	29.86
-38.47	-42.87	-14.00	28.87
-38.37	-39.54	-14.00	25.54
-38.27	-37.29	-14.00	23.29
-38.16	-35.70	-14.00	21.70
-38.07	-34.20	-14.00	20.20
-37.96	-33.19	-14.00	19.19
-37.87	-32.57	-14.00	18.57
-37.77	-31.75	-14.00	17.75
-37.66	-31.15	-14.00	17.15
-37.56	-31.64	-14.00	17.64
-37.47	-31.09	-14.00	17.09
-37.36	-31.48	-14.00	17.48
-37.27	-31.42	-14.00	17.42
-37.16	-31.87	-14.00	17.87
-37.06	-32.60	-14.00	18.60
-36.97	-33.23	-14.00	19.23
-36.86	-35.32	-14.00	21.32
-36.76	-36.17	-14.00	22.17
-36.67	-37.98	-14.00	23.98
-36.56	-41.69	-14.00	27.69
-36.47	-44.78	-14.00	30.78

Angle	TX EIRP	EIRP mask	Margin
137.44	-38.62	-14.00	24.62
137.54	-40.18	-14.00	26.18
137.64	-42.93	-14.00	28.93
137.74	-45.91	-14.00	31.91
137.84	-46.19	-14.00	32.19
137.94	-45.36	-14.00	31.36
138.04	-41.74	-14.00	27.74
138.14	-41.03	-14.00	27.03
138.24	-39.10	-14.00	25.10
138.34	-37.66	-14.00	23.66
138.44	-37.26	-14.00	23.26
138.54	-36.26	-14.00	22.26
138.64	-36.66	-14.00	22.66
138.74	-36.37	-14.00	22.37
138.84	-36.37	-14.00	22.37
138.94	-36.49	-14.00	22.49
139.04	-37.09	-14.00	23.09
139.14	-38.67	-14.00	24.67
139.24	-39.77	-14.00	25.77
139.34	-40.26	-14.00	26.26
139.44	-40.41	-14.00	26.41
139.54	-40.46	-14.00	26.46
139.64	-39.85	-14.00	25.85
139.74	-40.04	-14.00	26.04
139.84	-40.34	-14.00	26.34
139.94	-40.97	-14.00	26.97
140.04	-41.81	-14.00	27.81
140.14	-43.54	-14.00	29.54
140.24	-41.12	-14.00	27.12
140.34	-40.55	-14.00	26.55
140.44	-39.18	-14.00	25.18
140.54	-38.04	-14.00	24.04
140.64	-39.08	-14.00	25.08
140.73	-38.64	-14.00	24.64
140.84	-38.75	-14.00	24.75
140.94	-38.21	-14.00	24.21
141.04	-37.80	-14.00	23.80
141.14	-37.99	-14.00	23.99
141.24	-38.27	-14.00	24.27
141.34	-37.65	-14.00	23.65
141.43	-38.61	-14.00	24.61
141.54	-40.74	-14.00	26.74

Angle	TX EIRP	EIRP mask	Margin
-36.37	-51.52	-14.00	37.52
-36.26	-58.93	-14.00	44.93
-36.16	-48.95	-14.00	34.95
-36.06	-45.85	-14.00	31.85
-35.97	-40.21	-14.00	26.21
-35.86	-37.55	-14.00	23.55
-35.77	-36.41	-14.00	22.41
-35.66	-35.00	-14.00	21.00
-35.56	-33.90	-14.00	19.90
-35.46	-33.45	-14.00	19.45
-35.36	-33.03	-14.00	19.03
-35.26	-32.65	-14.00	18.65
-35.16	-32.55	-14.00	18.55
-35.07	-32.19	-14.00	18.19
-34.97	-32.09	-14.00	18.09
-34.86	-32.44	-14.00	18.44
-34.76	-31.94	-14.00	17.94
-34.67	-32.52	-14.00	18.52
-34.56	-32.50	-14.00	18.50
-34.46	-32.72	-14.00	18.72
-34.36	-32.97	-14.00	18.97
-34.26	-34.27	-14.00	20.27
-34.16	-34.90	-14.00	20.90
-34.07	-36.35	-14.00	22.35
-33.97	-36.63	-14.00	22.63
-33.87	-37.40	-14.00	23.40
-33.76	-37.91	-14.00	23.91
-33.67	-39.34	-14.00	25.34
-33.57	-39.30	-14.00	25.30
-33.46	-39.47	-14.00	25.47
-33.36	-38.82	-14.00	24.82
-33.27	-38.73	-14.00	24.73
-33.17	-39.96	-14.00	25.96
-33.06	-39.03	-14.00	25.03
-32.96	-38.32	-14.00	24.32
-32.87	-39.23	-14.00	25.23
-32.76	-37.69	-14.00	23.69
-32.67	-38.84	-14.00	24.84
-32.56	-39.02	-14.00	25.02
-32.46	-39.55	-14.00	25.55
-32.36	-39.19	-14.00	25.19
-32.27	-38.63	-14.00	24.63

Angle	TX EIRP	EIRP mask	Margin
141.64	-41.49	-14.00	27.49
141.74	-46.13	-14.00	32.13
141.84	-48.02	-14.00	34.02
141.94	-48.88	-14.00	34.88
142.04	-50.31	-14.00	36.31
142.14	-50.80	-14.00	36.80
142.24	-52.01	-14.00	38.01
142.34	-49.99	-14.00	35.99
142.44	-46.28	-14.00	32.28
142.54	-42.79	-14.00	28.79
142.63	-42.01	-14.00	28.01
142.74	-40.93	-14.00	26.93
142.84	-39.02	-14.00	25.02
142.93	-39.44	-14.00	25.44
143.04	-39.64	-14.00	25.64
143.14	-40.27	-14.00	26.27
143.24	-42.09	-14.00	28.09
143.34	-42.08	-14.00	28.08
143.44	-45.49	-14.00	31.49
143.54	-43.00	-14.00	29.00
143.64	-41.87	-14.00	27.87
143.74	-43.14	-14.00	29.14
143.84	-42.90	-14.00	28.90
143.94	-42.03	-14.00	28.03
144.04	-43.34	-14.00	29.34
144.14	-40.65	-14.00	26.65
144.24	-40.85	-14.00	26.85
144.34	-38.88	-14.00	24.88
144.44	-38.27	-14.00	24.27
144.54	-38.06	-14.00	24.06
144.64	-38.50	-14.00	24.50
144.74	-37.61	-14.00	23.61
144.84	-38.74	-14.00	24.74
144.94	-38.44	-14.00	24.44
145.04	-38.48	-14.00	24.48
145.14	-38.67	-14.00	24.67
145.24	-38.62	-14.00	24.62
145.34	-38.42	-14.00	24.42
145.44	-39.59	-14.00	25.59
145.53	-39.50	-14.00	25.50
145.64	-43.43	-14.00	29.43
145.74	-46.93	-14.00	32.93

Angle	TX EIRP	EIRP mask	Margin
-32.17	-38.06	-14.00	24.06
-32.06	-36.79	-14.00	22.79
-31.96	-35.27	-14.00	21.27
-31.86	-34.36	-14.00	20.36
-31.77	-33.49	-14.00	19.49
-31.66	-32.50	-14.00	18.50
-31.57	-31.93	-14.00	17.93
-31.46	-31.13	-14.00	17.13
-31.36	-30.57	-14.00	16.57
-31.26	-30.73	-14.00	16.73
-31.16	-30.54	-14.00	16.54
-31.07	-30.69	-14.00	16.69
-30.96	-30.89	-14.00	16.89
-30.86	-31.19	-14.00	17.19
-30.77	-31.69	-14.00	17.69
-30.66	-32.41	-14.00	18.41
-30.56	-33.52	-14.00	19.52
-30.46	-34.03	-14.00	20.03
-30.36	-34.98	-14.00	20.98
-30.26	-37.12	-14.00	23.12
-30.17	-38.98	-14.00	24.98
-30.06	-41.58	-14.00	27.58
-29.96	-42.73	-14.00	28.73
-29.86	-44.71	-14.00	30.71
-29.77	-44.82	-14.00	30.82
-29.67	-42.30	-14.00	28.30
-29.57	-40.82	-14.00	26.82
-29.46	-39.36	-14.00	25.36
-29.37	-37.12	-14.00	23.12
-29.26	-37.54	-14.00	23.54
-29.16	-36.27	-14.00	22.27
-29.06	-36.41	-14.00	22.41
-28.96	-36.11	-14.00	22.11
-28.87	-37.02	-14.00	23.02
-28.76	-37.51	-14.00	23.51
-28.67	-38.01	-14.00	24.01
-28.56	-39.71	-14.00	25.71
-28.47	-41.33	-14.00	27.33
-28.36	-42.51	-14.00	28.51
-28.26	-41.58	-14.00	27.58
-28.16	-43.74	-14.00	29.74
-28.06	-43.18	-14.00	29.18

Angle	TX EIRP	EIRP mask	Margin
145.84	-50.22	-14.00	36.22
145.94	-52.89	-14.00	38.89
146.04	-51.87	-14.00	37.87
146.14	-50.74	-14.00	36.74
146.24	-53.29	-14.00	39.29
146.34	-61.72	-14.00	47.72
146.44	-53.81	-14.00	39.81
146.54	-43.32	-14.00	29.32
146.64	-41.45	-14.00	27.45
146.74	-39.72	-14.00	25.72
146.84	-37.58	-14.00	23.58
146.94	-37.69	-14.00	23.69
147.04	-36.34	-14.00	22.34
147.14	-36.10	-14.00	22.10
147.24	-35.67	-14.00	21.67
147.34	-35.79	-14.00	21.79
147.44	-35.89	-14.00	21.89
147.54	-37.08	-14.00	23.08
147.64	-37.62	-14.00	23.62
147.74	-38.20	-14.00	24.20
147.84	-40.18	-14.00	26.18
147.94	-42.39	-14.00	28.39
148.04	-47.95	-14.00	33.95
148.14	-51.38	-14.00	37.38
148.24	-47.59	-14.00	33.59
148.34	-47.44	-14.00	33.44
148.44	-45.90	-14.00	31.90
148.54	-43.30	-14.00	29.30
148.64	-44.07	-14.00	30.07
148.74	-44.56	-14.00	30.56
148.84	-42.31	-14.00	28.31
148.94	-41.51	-14.00	27.51
149.04	-40.10	-14.00	26.10
149.14	-41.18	-14.00	27.18
149.24	-40.80	-14.00	26.80
149.34	-40.10	-14.00	26.10
149.44	-41.24	-14.00	27.24
149.53	-40.97	-14.00	26.97
149.64	-41.97	-14.00	27.97
149.74	-43.28	-14.00	29.28
149.84	-44.26	-14.00	30.26
149.94	-47.08	-14.00	33.08

Angle	TX EIRP	EIRP mask	Margin
-27.96	-41.04	-14.00	27.04
-27.87	-38.88	-14.00	24.88
-27.76	-37.78	-14.00	23.78
-27.67	-35.81	-14.00	21.81
-27.56	-34.43	-14.00	20.43
-27.47	-33.51	-14.00	19.51
-27.36	-32.73	-14.00	18.73
-27.27	-31.93	-14.00	17.93
-27.16	-31.54	-14.00	17.54
-27.06	-31.06	-14.00	17.06
-26.96	-30.73	-14.00	16.73
-26.86	-31.05	-14.00	17.05
-26.77	-30.97	-14.00	16.97
-26.66	-30.80	-14.00	16.80
-26.57	-30.85	-14.00	16.85
-26.46	-30.70	-14.00	16.70
-26.36	-30.84	-14.00	16.84
-26.27	-31.08	-14.00	17.08
-26.16	-31.16	-14.00	17.16
-26.07	-31.65	-14.00	17.65
-25.96	-31.89	-14.00	17.89
-25.86	-32.23	-14.00	18.23
-25.76	-32.68	-14.00	18.68
-25.66	-33.06	-14.00	19.06
-25.56	-34.13	-14.00	20.13
-25.46	-33.62	-14.00	19.62
-25.37	-33.50	-14.00	19.50
-25.27	-33.52	-14.00	19.52
-25.16	-32.54	-14.00	18.54
-25.07	-31.54	-14.00	17.54
-24.96	-31.24	-14.00	17.24
-24.86	-30.18	-14.00	16.18
-24.76	-29.92	-14.00	15.92
-24.67	-29.17	-14.00	15.17
-24.56	-28.95	-14.00	14.95
-24.47	-28.76	-14.00	14.76
-24.36	-28.88	-14.00	14.88
-24.26	-28.95	-14.00	14.95
-24.16	-28.81	-14.00	14.81
-24.06	-29.02	-14.00	15.02
-23.96	-29.58	-14.00	15.58
-23.87	-29.95	-14.00	15.95

Angle	TX EIRP	EIRP mask	Margin
150.04	-49.84	-14.00	35.84
150.14	-50.92	-14.00	36.92
150.24	-51.47	-14.00	37.47
150.34	-52.15	-14.00	38.15
150.44	-49.43	-14.00	35.43
150.54	-44.02	-14.00	30.02
150.64	-42.42	-14.00	28.42
150.74	-40.84	-14.00	26.84
150.84	-40.59	-14.00	26.59
150.94	-40.17	-14.00	26.17
151.04	-40.57	-14.00	26.57
151.13	-42.48	-14.00	28.48
151.24	-42.36	-14.00	28.36
151.34	-45.43	-14.00	31.43
151.44	-47.52	-14.00	33.52
151.54	-49.68	-14.00	35.68
151.64	-52.05	-14.00	38.05
151.74	-53.81	-14.00	39.81
151.84	-64.95	-14.00	50.95
151.94	-57.94	-14.00	43.94
152.04	-48.99	-14.00	34.99
152.14	-46.72	-14.00	32.72
152.24	-43.85	-14.00	29.85
152.34	-42.56	-14.00	28.56
152.44	-41.13	-14.00	27.13
152.53	-39.50	-14.00	25.50
152.64	-38.75	-14.00	24.75
152.74	-37.79	-14.00	23.79
152.84	-38.00	-14.00	24.00
152.94	-37.44	-14.00	23.44
153.04	-37.67	-14.00	23.67
153.14	-37.16	-14.00	23.16
153.24	-36.95	-14.00	22.95
153.34	-36.51	-14.00	22.51
153.44	-37.12	-14.00	23.12
153.54	-38.34	-14.00	24.34
153.64	-38.50	-14.00	24.50
153.74	-39.55	-14.00	25.55
153.84	-40.10	-14.00	26.10
153.94	-43.56	-14.00	29.56
154.04	-46.44	-14.00	32.44
154.14	-51.90	-14.00	37.90

Angle	TX EIRP	EIRP mask	Margin
-23.77	-30.46	-14.00	16.46
-23.67	-31.33	-14.00	17.33
-23.57	-31.72	-14.00	17.72
-23.46	-32.85	-14.00	18.85
-23.36	-33.74	-14.00	19.74
-23.26	-34.18	-14.00	20.18
-23.16	-34.66	-14.00	20.66
-23.06	-34.94	-14.00	20.94
-22.97	-34.55	-14.00	20.55
-22.87	-34.45	-14.00	20.45
-22.76	-34.44	-14.00	20.44
-22.66	-34.69	-14.00	20.69
-22.56	-34.40	-14.00	20.40
-22.46	-34.21	-14.00	20.21
-22.36	-34.50	-14.00	20.50
-22.27	-35.24	-14.00	21.24
-22.17	-36.04	-14.00	22.04
-22.06	-36.95	-14.00	22.95
-21.96	-37.53	-14.00	23.53
-21.86	-38.49	-14.00	24.49
-21.76	-39.02	-14.00	25.02
-21.66	-39.34	-14.00	25.34
-21.56	-37.84	-14.00	23.84
-21.47	-35.99	-14.00	21.99
-21.36	-34.23	-14.00	20.23
-21.26	-33.63	-14.00	19.63
-21.16	-32.50	-14.00	18.50
-21.06	-31.47	-14.00	17.47
-20.96	-30.81	-14.00	16.81
-20.86	-30.50	-14.00	16.50
-20.76	-30.22	-14.00	16.22
-20.66	-30.06	-14.00	16.06
-20.57	-30.35	-14.00	16.35
-20.46	-30.94	-14.00	16.94
-20.37	-31.52	-14.00	17.52
-20.27	-31.93	-14.00	17.93
-20.16	-33.10	-14.00	19.10
-20.07	-34.09	-14.00	20.09
-19.97	-35.04	-14.00	21.04
-19.87	-34.98	-14.00	20.98
-19.76	-34.38	-14.00	20.38
-19.66	-32.99	-14.00	18.99

Angle	TX EIRP	EIRP mask	Margin
154.24	-45.48	-14.00	31.48
154.34	-41.86	-14.00	27.86
154.44	-39.21	-14.00	25.21
154.54	-38.03	-14.00	24.03
154.64	-36.21	-14.00	22.21
154.74	-35.58	-14.00	21.58
154.83	-34.82	-14.00	20.82
154.94	-34.65	-14.00	20.65
155.04	-34.63	-14.00	20.63
155.14	-34.30	-14.00	20.30
155.24	-34.15	-14.00	20.15
155.34	-34.82	-14.00	20.82
155.44	-35.18	-14.00	21.18
155.54	-35.99	-14.00	21.99
155.64	-36.43	-14.00	22.43
155.74	-37.83	-14.00	23.83
155.84	-39.03	-14.00	25.03
155.93	-42.68	-14.00	28.68
156.04	-46.58	-14.00	32.58
156.14	-53.57	-14.00	39.57
156.24	-48.30	-14.00	34.30
156.34	-43.58	-14.00	29.58
156.44	-41.32	-14.00	27.32
156.54	-38.10	-14.00	24.10
156.64	-37.02	-14.00	23.02
156.74	-35.42	-14.00	21.42
156.84	-35.09	-14.00	21.09
156.94	-34.37	-14.00	20.37
157.04	-34.79	-14.00	20.79
157.14	-34.55	-14.00	20.55
157.24	-34.86	-14.00	20.86
157.34	-35.45	-14.00	21.45
157.44	-36.13	-14.00	22.13
157.54	-37.03	-14.00	23.03
157.64	-39.04	-14.00	25.04
157.74	-40.70	-14.00	26.70
157.84	-45.11	-14.00	31.11
157.94	-47.67	-14.00	33.67
158.04	-49.21	-14.00	35.21
158.14	-47.46	-14.00	33.46
158.24	-45.71	-14.00	31.71
158.34	-42.73	-14.00	28.73

Angle	TX EIRP	EIRP mask	Margin
-19.56	-31.68	-14.00	17.68
-19.46	-30.80	-14.00	16.80
-19.36	-29.56	-14.00	15.56
-19.26	-28.76	-14.00	14.76
-19.17	-27.88	-14.00	13.88
-19.06	-26.86	-14.01	12.86
-18.97	-26.20	-13.95	12.25
-18.86	-25.61	-13.89	11.72
-18.77	-25.24	-13.83	11.41
-18.67	-25.14	-13.78	11.36
-18.56	-25.19	-13.72	11.48
-18.47	-25.47	-13.66	11.81
-18.36	-25.82	-13.60	12.22
-18.26	-26.57	-13.54	13.03
-18.17	-27.37	-13.48	13.88
-18.07	-28.06	-13.42	14.64
-17.97	-29.28	-13.36	15.92
-17.86	-30.33	-13.30	17.03
-17.76	-31.59	-13.24	18.36
-17.66	-32.75	-13.18	19.57
-17.57	-32.80	-13.12	19.68
-17.47	-31.87	-13.05	18.81
-17.36	-30.62	-12.99	17.63
-17.27	-28.87	-12.93	15.94
-17.16	-27.15	-12.86	14.28
-17.06	-25.94	-12.80	13.13
-16.97	-24.84	-12.74	12.10
-16.86	-23.87	-12.67	11.19
-16.77	-23.11	-12.61	10.50
-16.66	-22.52	-12.54	9.97
-16.57	-22.00	-12.48	9.52
-16.46	-21.79	-12.41	9.37
-16.36	-21.60	-12.35	9.25
-16.26	-21.33	-12.28	9.05
-16.16	-21.21	-12.21	9.00
-16.06	-21.41	-12.14	9.27
-15.96	-21.42	-12.08	9.34
-15.87	-21.63	-12.01	9.62
-15.77	-21.75	-11.94	9.81
-15.67	-21.98	-11.87	10.10
-15.56	-22.25	-11.80	10.45
-15.47	-22.78	-11.73	11.05

Angle	TX EIRP	EIRP mask	Margin
158.44	-40.84	-14.00	26.84
158.53	-39.87	-14.00	25.87
158.64	-38.02	-14.00	24.02
158.74	-37.88	-14.00	23.88
158.84	-37.56	-14.00	23.56
158.94	-37.42	-14.00	23.42
159.04	-38.20	-14.00	24.20
159.14	-38.36	-14.00	24.36
159.24	-38.36	-14.00	24.36
159.34	-38.59	-14.00	24.59
159.44	-38.67	-14.00	24.67
159.54	-38.91	-14.00	24.91
159.64	-38.74	-14.00	24.74
159.74	-40.12	-14.00	26.12
159.84	-41.69	-14.00	27.69
159.94	-41.39	-14.00	27.39
160.04	-41.83	-14.00	27.83
160.14	-43.01	-14.00	29.01
160.24	-42.20	-14.00	28.20
160.34	-40.75	-14.00	26.75
160.44	-40.44	-14.00	26.44
160.54	-38.20	-14.00	24.20
160.64	-37.22	-14.00	23.22
160.74	-36.10	-14.00	22.10
160.84	-35.67	-14.00	21.67
160.94	-35.97	-14.00	21.97
161.04	-35.45	-14.00	21.45
161.14	-36.31	-14.00	22.31
161.24	-36.15	-14.00	22.15
161.34	-38.88	-14.00	24.88
161.43	-39.89	-14.00	25.89
161.54	-45.28	-14.00	31.28
161.64	-49.11	-14.00	35.11
161.74	-52.39	-14.00	38.39
161.84	-52.58	-14.00	38.58
161.94	-51.75	-14.00	37.75
162.04	-52.23	-14.00	38.23
162.14	-52.16	-14.00	38.16
162.23	-48.58	-14.00	34.58
162.34	-44.02	-14.00	30.02
162.44	-39.77	-14.00	25.77
162.54	-38.40	-14.00	24.40

Angle	TX EIRP	EIRP mask	Margin
-15.36	-23.34	-11.66	11.68
-15.27	-24.03	-11.59	12.44
-15.17	-24.60	-11.52	13.08
-15.07	-25.25	-11.45	13.80
-14.96	-25.92	-11.38	14.55
-14.87	-26.53	-11.30	15.23
-14.77	-26.71	-11.23	15.48
-14.66	-27.19	-11.16	16.04
-14.56	-27.47	-11.08	16.39
-14.46	-27.30	-11.01	16.29
-14.36	-27.16	-10.93	16.23
-14.27	-26.75	-10.86	15.89
-14.16	-26.18	-10.78	15.40
-14.06	-25.74	-10.70	15.03
-13.97	-25.26	-10.63	14.64
-13.86	-24.51	-10.55	13.97
-13.76	-23.93	-10.47	13.46
-13.66	-23.37	-10.39	12.98
-13.57	-22.64	-10.31	12.33
-13.47	-22.00	-10.23	11.77
-13.37	-21.51	-10.15	11.36
-13.27	-20.95	-10.07	10.88
-13.16	-20.33	-9.98	10.35
-13.06	-19.83	-9.90	9.93
-12.96	-19.48	-9.82	9.66
-12.87	-19.26	-9.74	9.53
-12.77	-19.19	-9.65	9.54
-12.67	-19.18	-9.57	9.62
-12.56	-19.38	-9.48	9.90
-12.46	-19.68	-9.39	10.29
-12.36	-20.04	-9.30	10.74
-12.26	-20.56	-9.21	11.35
-12.16	-21.19	-9.13	12.06
-12.07	-21.98	-9.04	12.94
-11.96	-23.10	-8.95	14.15
-11.87	-24.29	-8.86	15.44
-11.76	-25.92	-8.76	17.16
-11.66	-27.83	-8.67	19.16
-11.56	-30.69	-8.58	22.11
-11.46	-34.38	-8.48	25.89
-11.36	-39.10	-8.39	30.72
-11.26	-37.07	-8.29	28.78

Angle	TX EIRP	EIRP mask	Margin
162.64	-36.71	-14.00	22.71
162.74	-34.44	-14.00	20.44
162.84	-34.08	-14.00	20.08
162.94	-34.21	-14.00	20.21
163.03	-34.45	-14.00	20.45
163.14	-35.61	-14.00	21.61
163.24	-36.91	-14.00	22.91
163.34	-40.69	-14.00	26.69
163.44	-43.81	-14.00	29.81
163.54	-48.57	-14.00	34.57
163.64	-46.18	-14.00	32.18
163.74	-44.32	-14.00	30.32
163.84	-43.11	-14.00	29.11
163.94	-43.68	-14.00	29.68
164.04	-43.07	-14.00	29.07
164.14	-46.20	-14.00	32.20
164.24	-47.99	-14.00	33.99
164.34	-55.34	-14.00	41.34
164.44	-51.82	-14.00	37.82
164.54	-48.10	-14.00	34.10
164.64	-48.54	-14.00	34.54
164.74	-44.15	-14.00	30.15
164.84	-44.31	-14.00	30.31
164.94	-46.91	-14.00	32.91
165.04	-46.09	-14.00	32.09
165.14	-48.63	-14.00	34.63
165.24	-52.57	-14.00	38.57
165.34	-52.48	-14.00	38.48
165.44	-60.44	-14.00	46.44
165.54	-63.96	-14.00	49.96
165.64	-54.13	-14.00	40.13
165.74	-50.99	-14.00	36.99
165.84	-45.65	-14.00	31.65
165.94	-43.38	-14.00	29.38
166.04	-41.78	-14.00	27.78
166.14	-40.85	-14.00	26.85
166.24	-40.33	-14.00	26.33
166.34	-39.77	-14.00	25.77
166.44	-39.14	-14.00	25.14
166.54	-40.29	-14.00	26.29
166.64	-42.91	-14.00	28.91
166.74	-43.73	-14.00	29.73

Angle	TX EIRP	EIRP mask	Margin
-11.16	-33.79	-8.20	25.60
-11.07	-30.61	-8.10	22.51
-10.97	-29.11	-8.00	21.11
-10.86	-27.63	-7.90	19.73
-10.76	-26.75	-7.80	18.95
-10.66	-26.08	-7.70	18.38
-10.56	-25.85	-7.60	18.25
-10.46	-26.00	-7.49	18.51
-10.37	-26.47	-7.39	19.08
-10.27	-27.13	-7.29	19.84
-10.16	-28.30	-7.18	21.12
-10.07	-29.52	-7.07	22.45
-9.97	-31.78	-6.96	24.81
-9.87	-34.56	-6.85	27.71
-9.77	-37.19	-6.74	30.45
-9.66	-37.02	-6.63	30.39
-9.57	-35.83	-6.52	29.31
-9.46	-33.69	-6.40	27.29
-9.37	-31.70	-6.29	25.41
-9.26	-30.83	-6.17	24.67
-9.17	-29.92	-6.00	23.92
-9.07	-29.90	-6.00	23.90
-8.96	-29.95	-6.00	23.95
-8.86	-31.48	-6.00	25.48
-8.76	-33.78	-6.00	27.78
-8.67	-39.01	-6.00	33.01
-8.56	-47.16	-6.00	41.16
-8.47	-37.99	-6.00	31.99
-8.37	-31.49	-6.00	25.49
-8.27	-27.09	-6.00	21.09
-8.17	-24.30	-6.00	18.30
-8.06	-22.03	-6.00	16.03
-7.96	-20.02	-6.00	14.02
-7.87	-18.35	-6.00	12.35
-7.76	-16.92	-6.00	10.92
-7.66	-15.83	-6.00	9.83
-7.56	-14.95	-6.00	8.95
-7.47	-14.13	-6.00	8.13
-7.36	-13.50	-6.00	7.50
-7.26	-12.97	-6.00	6.97
-7.17	-12.58	-6.00	6.58
-7.06	-12.34	-6.00	6.34

Angle	TX EIRP	EIRP mask	Margin
166.84	-49.00	-14.00	35.00
166.94	-49.67	-14.00	35.67
167.04	-49.79	-14.00	35.79
167.14	-50.85	-14.00	36.85
167.24	-50.36	-14.00	36.36
167.34	-51.71	-14.00	37.71
167.44	-54.18	-14.00	40.18
167.54	-54.18	-14.00	40.18
167.64	-57.20	-14.00	43.20
167.74	-48.87	-14.00	34.87
167.84	-45.22	-14.00	31.22
167.94	-43.57	-14.00	29.57
168.04	-43.22	-14.00	29.22
168.14	-44.60	-14.00	30.60
168.24	-46.62	-14.00	32.62
168.34	-45.48	-14.00	31.48
168.44	-45.77	-14.00	31.77
168.54	-41.80	-14.00	27.80
168.64	-39.88	-14.00	25.88
168.74	-38.07	-14.00	24.07
168.84	-36.90	-14.00	22.90
168.94	-36.62	-14.00	22.62
169.04	-36.84	-14.00	22.84
169.14	-37.23	-14.00	23.23
169.24	-39.43	-14.00	25.43
169.33	-42.06	-14.00	28.06
169.44	-46.35	-14.00	32.35
169.54	-45.11	-14.00	31.11
169.64	-42.04	-14.00	28.04
169.74	-39.44	-14.00	25.44
169.84	-38.07	-14.00	24.07
169.94	-37.15	-14.00	23.15
170.04	-38.38	-14.00	24.38
170.14	-38.47	-14.00	24.47
170.24	-42.51	-14.00	28.51
170.34	-44.00	-14.00	30.00
170.44	-53.46	-14.00	39.46
170.54	-54.18	-14.00	40.18
170.64	-46.49	-14.00	32.49
170.74	-43.57	-14.00	29.57
170.84	-41.32	-14.00	27.32
170.94	-41.94	-14.00	27.94

Angle	TX EIRP	EIRP mask	Margin
-6.97	-12.21	-6.07	6.14
-6.86	-12.16	-5.91	6.24
-6.76	-12.22	-5.75	6.46
-6.66	-12.43	-5.59	6.84
-6.57	-12.68	-5.43	7.25
-6.47	-13.07	-5.26	7.81
-6.37	-13.66	-5.09	8.57
-6.26	-14.40	-4.92	9.48
-6.16	-15.38	-4.75	10.63
-6.06	-16.50	-4.57	11.93
-5.96	-17.70	-4.39	13.31
-5.86	-19.09	-4.20	14.88
-5.76	-20.62	-4.02	16.60
-5.66	-21.98	-3.83	18.16
-5.56	-23.30	-3.63	19.67
-5.47	-24.14	-3.44	20.70
-5.37	-24.40	-3.24	21.16
-5.26	-24.14	-3.03	21.10
-5.16	-23.37	-2.82	20.54
-5.06	-22.05	-2.61	19.44
-4.96	-20.27	-2.40	17.87
-4.87	-18.19	-2.18	16.01
-4.77	-16.26	-1.95	14.30
-4.67	-14.35	-1.72	12.62
-4.56	-12.53	-1.48	11.05
-4.46	-10.96	-1.24	9.72
-4.36	-9.53	-0.99	8.54
-4.26	-8.19	-0.74	7.45
-4.16	-7.01	-0.48	6.52
-4.07	-6.00	-0.23	5.77
-3.97	-5.09	0.04	5.13
-3.86	-4.27	0.33	4.60
-3.76	-3.62	0.61	4.23
-3.66	-3.07	0.90	3.98
-3.57	-2.67	1.20	3.87
-3.46	-2.45	1.52	3.96
-3.36	-2.40	1.83	4.23
-3.26	-2.57	2.16	4.73
-3.17	-2.95	2.49	5.44
-3.07	-3.61	2.84	6.45
-2.96	-4.62	3.21	7.83
-2.86	-6.17	3.58	9.75

Angle	TX EIRP	EIRP mask	Margin
171.04	-42.84	-14.00	28.84
171.14	-44.21	-14.00	30.21
171.24	-50.31	-14.00	36.31
171.34	-56.45	-14.00	42.45
171.44	-47.39	-14.00	33.39
171.54	-45.11	-14.00	31.11
171.64	-40.89	-14.00	26.89
171.74	-39.20	-14.00	25.20
171.83	-38.81	-14.00	24.81
171.94	-37.73	-14.00	23.73
172.04	-38.07	-14.00	24.07
172.14	-37.96	-14.00	23.96
172.24	-39.12	-14.00	25.12
172.34	-39.26	-14.00	25.26
172.44	-41.24	-14.00	27.24
172.54	-43.33	-14.00	29.33
172.63	-43.82	-14.00	29.82
172.73	-46.28	-14.00	32.28
172.84	-46.89	-14.00	32.89
172.93	-45.83	-14.00	31.83
173.03	-43.16	-14.00	29.16
173.14	-41.34	-14.00	27.34
173.23	-41.02	-14.00	27.02
173.34	-40.27	-14.00	26.27
173.43	-39.86	-14.00	25.86
173.53	-38.16	-14.00	24.16
173.63	-38.31	-14.00	24.31
173.73	-37.06	-14.00	23.06
173.83	-37.06	-14.00	23.06
173.93	-36.26	-14.00	22.26
174.03	-36.15	-14.00	22.15
174.13	-36.24	-14.00	22.24
174.23	-37.55	-14.00	23.55
174.33	-38.89	-14.00	24.89
174.43	-42.09	-14.00	28.09
174.53	-43.81	-14.00	29.81
174.63	-49.12	-14.00	35.12
174.73	-57.73	-14.00	43.73
174.83	-49.94	-14.00	35.94
174.93	-44.63	-14.00	30.63
175.03	-41.64	-14.00	27.64
175.13	-39.75	-14.00	25.75

Angle	TX EIRP	EIRP mask	Margin
-2.76	-8.56	3.97	12.52
-2.66	-12.67	4.37	17.04
-2.57	-21.18	4.77	25.95
-2.46	-17.44	5.21	22.65
-2.36	-9.32	5.66	14.98
-2.26	-4.74	6.13	10.87
-2.17	-1.56	6.61	8.17
-2.07	0.97	7.13	6.15
-1.96	3.14	7.68	4.54
-1.86	4.87	8.24	3.37
-1.77	6.36	8.83	2.48
-1.66	7.69	9.47	1.78
-1.57	8.82	10.14	1.32
-1.46	9.84	99.00	89.16
-1.37	10.74	99.00	88.26
-1.26	11.58	99.00	87.42
-1.16	12.29	99.00	86.71
-1.06	12.94	99.00	86.06

Angle	TX EIRP	EIRP mask	Margin
175.23	-38.20	-14.00	24.20
175.33	-37.20	-14.00	23.20
175.43	-36.98	-14.00	22.98
175.53	-36.06	-14.00	22.06
175.63	-35.54	-14.00	21.54
175.73	-35.69	-14.00	21.69
175.83	-34.81	-14.00	20.81
175.93	-34.95	-14.00	20.95
176.03	-35.28	-14.00	21.28
176.13	-35.95	-14.00	21.95
176.23	-37.03	-14.00	23.03
176.33	-37.77	-14.00	23.77
176.42	-39.83	-14.00	25.83
176.53	-41.67	-14.00	27.67
176.62	-42.91	-14.00	28.91
176.72	-49.17	-14.00	35.17
176.82	-48.94	-14.00	34.94
176.92	-49.89	-14.00	35.89
177.02	-52.10	-14.00	38.10
177.12	-48.55	-14.00	34.55
177.22	-48.69	-14.00	34.69
177.32	-45.65	-14.00	31.65
177.42	-42.14	-14.00	28.14
177.52	-41.76	-14.00	27.76
177.62	-40.46	-14.00	26.46
177.72	-39.85	-14.00	25.85
177.82	-39.23	-14.00	25.23
177.92	-41.07	-14.00	27.07
178.02	-41.67	-14.00	27.67
178.12	-45.44	-14.00	31.44
178.22	-49.07	-14.00	35.07
178.32	-52.90	-14.00	38.90
178.41	-45.43	-14.00	31.43
178.51	-40.83	-14.00	26.83
178.61	-37.61	-14.00	23.61
178.71	-35.62	-14.00	21.62
178.81	-35.00	-14.00	21.00
178.91	-34.03	-14.00	20.03
179.01	-33.76	-14.00	19.76

2. RADIATION PATTERNS

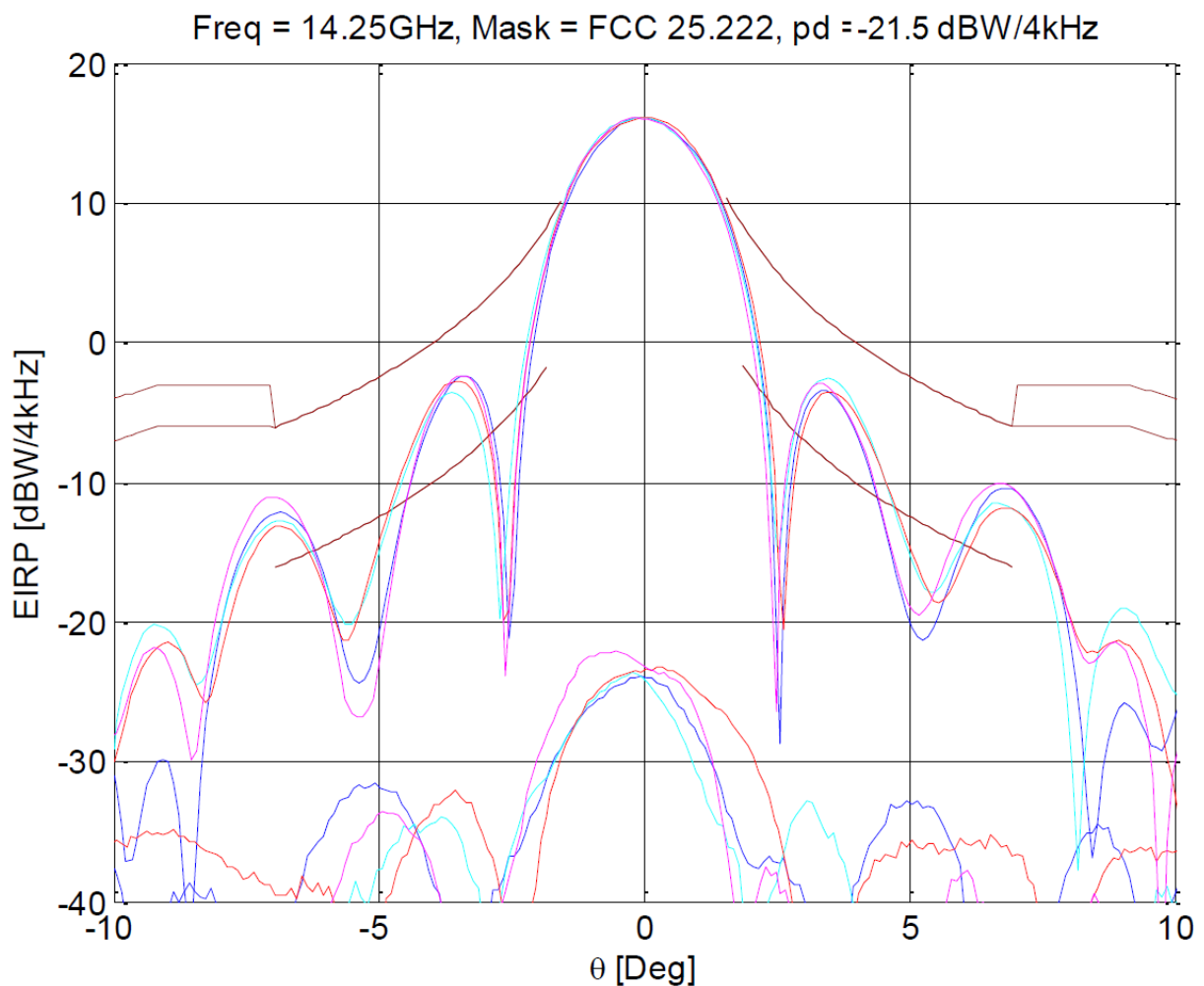
In the power density plots and radiation patterns presented the FCC mask is shown as a dark red line for both co- and cross-polarization, with an additional dashed line showing the limit with relaxation.

Blue shows V-pol azimuth, **cyan** V-pol elevation, **red** H-pol azimuth and **magenta** H-pol elevation.

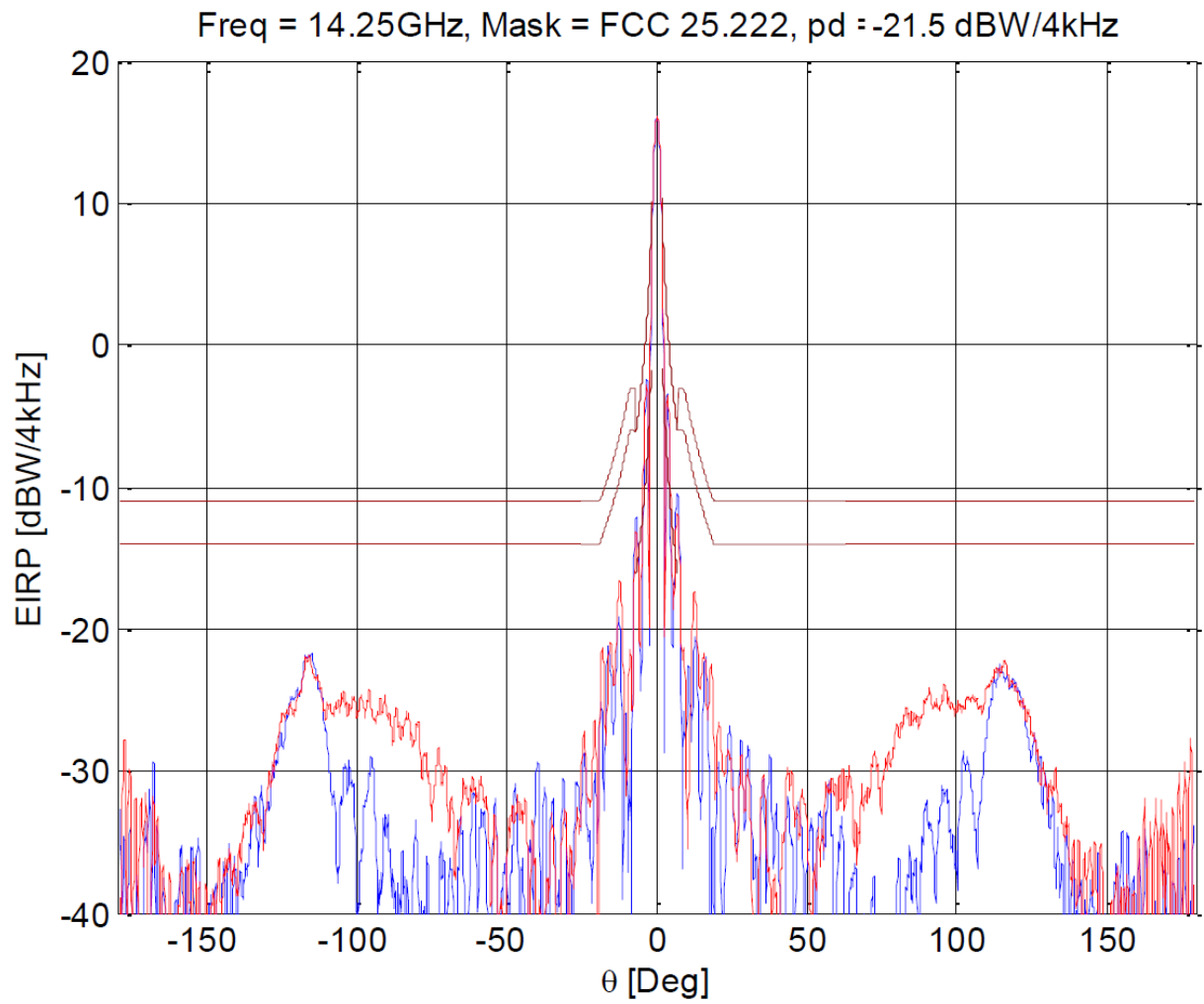
The results shown in the following were made by the Thales Alenia Space department for the Eutelsat Type Approval conducted in February 2017

3. EIRP SD(A) PLOT

3.1 -10° TO 10° COPOL (AND XPOL) AZIMUTH



3.2 -180° TO 180° COPOL AZIMUTH





Sailor 600 Ku EIRP sd(B)

August 2016
Ref: Version 1

1. EIRP SD(B) DATA TABLE

Angle	TX EIRP	EIRP mask	Margin
-10.00	-27.12	-6.93	20.19
-9.90	-25.15	-6.82	18.33
-9.80	-23.82	-6.71	17.10
-9.70	-22.63	-6.60	16.03
-9.60	-21.71	-6.49	15.23
-9.50	-20.84	-6.37	14.47
-9.40	-20.38	-6.26	14.13
-9.30	-20.21	-6.14	14.07
-9.20	-20.25	-6.00	14.25
-9.10	-20.42	-6.00	14.42
-9.00	-20.67	-6.00	14.67
-8.90	-21.21	-6.00	15.21
-8.80	-21.98	-6.00	15.98
-8.70	-22.97	-6.00	16.97
-8.60	-23.98	-6.00	17.98
-8.50	-24.47	-6.00	18.47
-8.40	-24.25	-6.00	18.25
-8.30	-23.64	-6.00	17.64
-8.20	-22.32	-6.00	16.32
-8.10	-20.96	-6.00	14.96
-8.00	-19.45	-6.00	13.45
-7.90	-18.03	-6.00	12.03
-7.80	-16.93	-6.00	10.93
-7.70	-15.99	-6.00	9.99
-7.60	-15.21	-6.00	9.21
-7.50	-14.58	-6.00	8.58
-7.40	-13.94	-6.00	7.94
-7.30	-13.50	-6.00	7.50
-7.20	-13.12	-6.00	7.12
-7.10	-12.85	-6.00	6.85
-7.00	-12.75	-6.02	6.73
-6.90	-12.72	-5.86	6.86
-6.80	-12.81	-5.70	7.11
-6.70	-13.05	-5.54	7.51
-6.60	-13.45	-5.37	8.08
-6.50	-13.98	-5.21	8.77
-6.40	-14.61	-5.04	9.56
-6.30	-15.32	-4.87	10.46
-6.20	-16.14	-4.69	11.45
-6.09	-17.12	-4.50	12.62

Angle	TX EIRP	EIRP mask	Margin
-0.30	15.97	99.00	83.03
-0.20	16.06	99.00	82.94
-0.10	16.10	99.00	82.90
0.00	16.10	99.00	82.90
0.10	15.99	99.00	83.01
0.20	15.81	99.00	83.20
0.30	15.55	99.00	83.45
0.40	15.24	99.00	83.76
0.50	14.92	99.00	84.08
0.61	14.53	99.00	84.47
0.70	14.18	99.00	84.82
0.81	13.78	99.00	85.22
0.90	13.31	99.00	85.69
1.00	12.77	99.00	86.23
1.10	12.09	99.00	86.91
1.21	11.31	99.00	87.69
1.30	10.37	99.00	88.63
1.40	9.37	99.00	89.64
1.50	8.32	10.10	1.78
1.60	7.09	9.41	2.32
1.70	5.80	8.78	2.98
1.81	4.25	8.17	3.92
1.90	2.59	7.63	5.04
2.00	0.52	7.09	6.57
2.10	-2.02	6.57	8.60
2.20	-5.28	6.08	11.36
2.31	-9.52	5.61	15.13
2.41	-14.54	5.16	19.70
2.50	-14.79	4.75	19.54
2.60	-10.85	4.33	15.18
2.70	-7.93	3.93	11.86
2.80	-5.96	3.55	9.50
2.90	-4.61	3.17	7.78
3.00	-3.75	2.81	6.56
3.10	-3.17	2.47	5.64
3.20	-2.81	2.13	4.94
3.30	-2.63	1.81	4.44
3.40	-2.59	1.49	4.08
3.50	-2.68	1.18	3.86
3.60	-2.88	0.89	3.77

Angle	TX EIRP	EIRP mask	Margin
-6.00	-18.10	-4.33	13.78
-5.90	-18.93	-4.15	14.78
-5.80	-19.62	-3.95	15.67
-5.70	-20.14	-3.76	16.38
-5.60	-20.10	-3.56	16.54
-5.50	-19.61	-3.37	16.24
-5.40	-18.98	-3.17	15.81
-5.30	-18.05	-2.96	15.09
-5.20	-16.98	-2.75	14.23
-5.10	-15.62	-2.53	13.08
-5.00	-14.33	-2.32	12.01
-4.90	-13.08	-2.10	10.98
-4.80	-11.79	-1.87	9.92
-4.70	-10.73	-1.65	9.08
-4.60	-9.61	-1.40	8.20
-4.50	-8.53	-1.16	7.37
-4.40	-7.55	-0.92	6.63
-4.30	-6.56	-0.66	5.91
-4.20	-5.68	-0.39	5.29
-4.10	-5.00	-0.14	4.86
-4.00	-4.37	0.15	4.52
-3.90	-3.92	0.42	4.34
-3.80	-3.63	0.71	4.34
-3.70	-3.52	1.00	4.52
-3.60	-3.68	1.31	4.99
-3.50	-3.96	1.62	5.58
-3.40	-4.43	1.95	6.37
-3.30	-5.15	2.28	7.43
-3.20	-6.21	2.63	8.84
-3.10	-7.67	2.97	10.64
-3.00	-10.04	3.35	13.38
-2.90	-13.71	3.71	17.42
-2.80	-19.77	4.11	23.88
-2.70	-14.72	4.52	19.24
-2.60	-9.11	4.93	14.04
-2.50	-5.15	5.38	10.53
-2.40	-2.22	5.84	8.07
-2.30	0.01	6.30	6.29
-2.20	2.11	6.80	4.69
-2.10	3.88	7.33	3.44
-2.00	5.49	7.88	2.39
-1.90	6.91	8.46	1.54

Angle	TX EIRP	EIRP mask	Margin
3.71	-3.26	0.58	3.84
3.80	-3.81	0.30	4.11
3.90	-4.54	0.02	4.56
4.00	-5.29	-0.24	5.05
4.10	-6.10	-0.50	5.60
4.20	-7.04	-0.77	6.27
4.30	-8.07	-1.01	7.06
4.40	-9.15	-1.26	7.89
4.51	-10.36	-1.51	8.86
4.60	-11.49	-1.74	9.76
4.70	-12.74	-1.97	10.78
4.80	-13.88	-2.19	11.69
4.91	-14.95	-2.42	12.53
5.00	-15.92	-2.63	13.28
5.10	-16.80	-2.84	13.96
5.20	-17.54	-3.05	14.49
5.30	-17.79	-3.25	14.54
5.40	-17.84	-3.45	14.38
5.50	-17.41	-3.65	13.76
5.60	-16.79	-3.84	12.95
5.71	-15.96	-4.04	11.92
5.81	-15.21	-4.22	10.99
5.90	-14.48	-4.40	10.08
6.00	-13.75	-4.58	9.17
6.10	-13.10	-4.76	8.35
6.21	-12.50	-4.94	7.56
6.30	-12.12	-5.10	7.02
6.41	-11.70	-5.28	6.42
6.50	-11.49	-5.44	6.05
6.60	-11.47	-5.60	5.87
6.70	-11.60	-5.76	5.84
6.80	-11.71	-5.92	5.78
6.90	-11.92	-6.08	5.85
7.00	-12.15	-6.00	6.15
7.10	-12.58	-6.00	6.58
7.21	-13.10	-6.00	7.10
7.30	-13.81	-6.00	7.81
7.40	-14.80	-6.00	8.80
7.50	-16.12	-6.00	10.12
7.60	-17.78	-6.00	11.78
7.70	-19.57	-6.00	13.57
7.80	-22.10	-6.00	16.10

Angle	TX EIRP	EIRP mask	Margin
-1.80	8.14	9.06	0.92
-1.70	9.18	9.70	0.52
-1.60	10.16	10.40	0.24
-1.50	10.99	99.00	88.01
-1.40	11.77	99.00	87.23
-1.30	12.52	99.00	86.48
-1.20	13.18	99.00	85.82
-1.10	13.78	99.00	85.22
-1.00	14.33	99.00	84.67
-0.90	14.77	99.00	84.23
-0.80	15.14	99.00	83.86
-0.70	15.42	99.00	83.58
-0.60	15.60	99.00	83.40
-0.50	15.76	99.00	83.24
-0.40	15.87	99.00	83.13

Angle	TX EIRP	EIRP mask	Margin
7.90	-25.76	-6.00	19.76
8.00	-30.85	-6.00	24.85
8.11	-37.77	-6.00	31.77
8.20	-30.74	-6.00	24.74
8.31	-26.26	-6.00	20.26
8.40	-23.73	-6.00	17.73
8.51	-21.95	-6.00	15.95
8.60	-20.81	-6.00	14.81
8.70	-19.91	-6.00	13.91
8.80	-19.37	-6.00	13.37
8.90	-19.02	-6.00	13.02
9.00	-18.97	-6.00	12.97
9.10	-19.19	-6.00	13.19
9.20	-19.45	-6.17	13.28
9.30	-20.13	-6.28	13.85
9.40	-20.91	-6.40	14.51
9.50	-21.61	-6.51	15.10
9.60	-22.56	-6.63	15.93
9.71	-23.27	-6.74	16.53
9.80	-24.15	-6.85	17.31
9.90	-24.86	-6.96	17.91

2. RADIATION PATTERNS

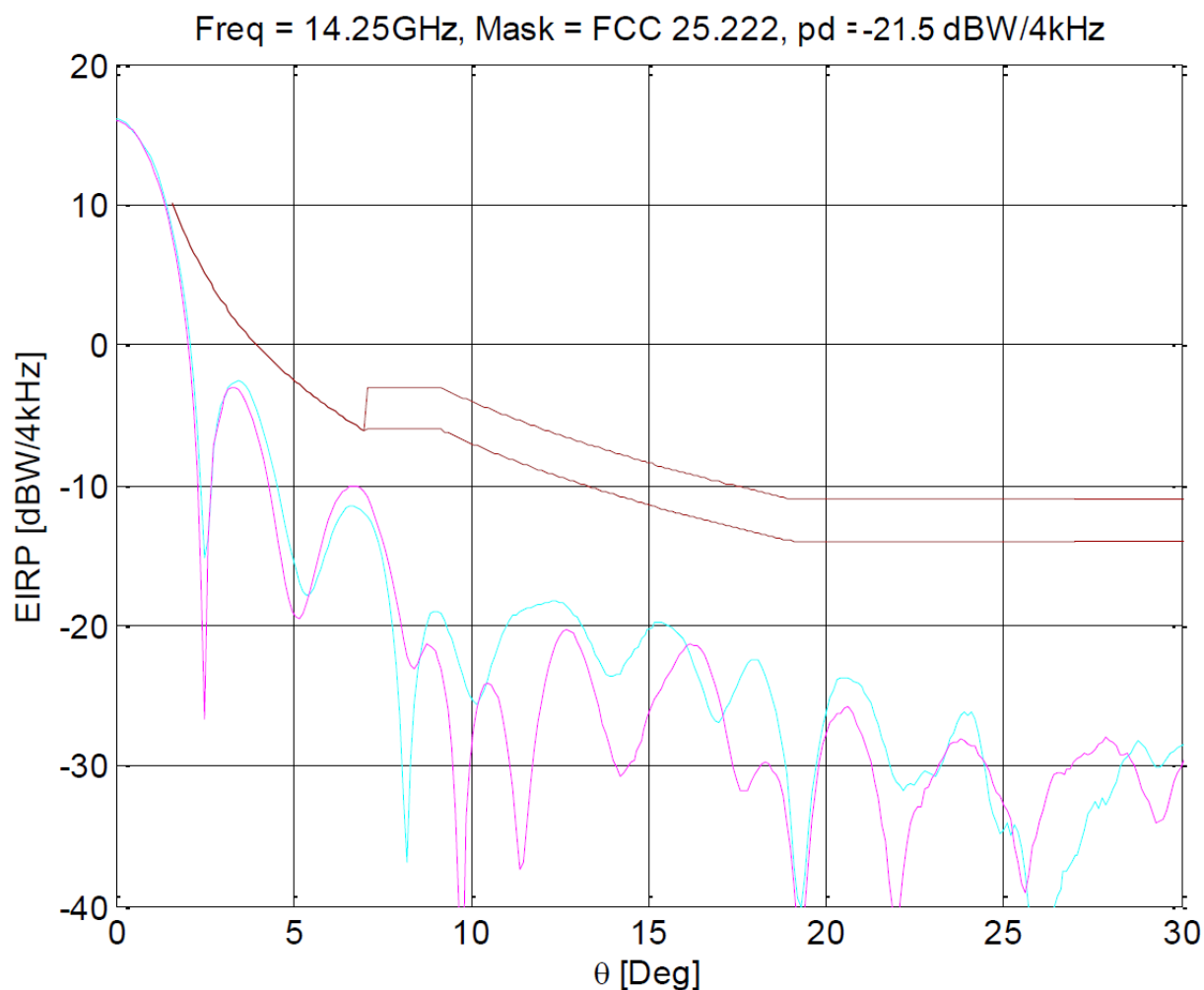
In the power density plots and radiation patterns presented the FCC mask is shown as a dark red line for both co- and cross-polarization, with an additional dashed line showing the limit with relaxation.

Blue shows V-pol azimuth, **cyan** V-pol elevation, **red** H-pol azimuth and **magenta** H-pol elevation.

The results shown in the following were made by the Thales Alenia Space department for the Eutelsat Type Approval conducted in February 2017

3. EIRP SD(B) PLOT

3.1 0° TO 30° COPOL ELEVATION





Sailor 600 Ku EIRP sd(C)

August 2016
Ref: Version 1

1. EIRP SD(C) DATA TABLE

Angle	X - EIRP	X - MASK	Margin
-7.00	-47.73	-16.07	31.66
-6.90	-44.90	-15.91	28.99
-6.80	-42.74	-15.75	26.99
-6.70	-42.64	-15.59	27.05
-6.60	-39.74	-15.43	24.31
-6.50	-38.71	-15.26	23.45
-6.40	-36.72	-15.09	21.63
-6.30	-36.26	-14.92	21.34
-6.20	-35.78	-14.75	21.04
-6.10	-35.32	-14.57	20.75
-6.00	-34.16	-14.39	19.77
-5.90	-33.66	-14.20	19.45
-5.80	-32.77	-14.02	18.75
-5.70	-32.60	-13.83	18.77
-5.60	-32.59	-13.63	18.96
-5.50	-31.88	-13.44	18.43
-5.40	-31.65	-13.24	18.41
-5.30	-31.86	-13.03	18.83
-5.20	-31.73	-12.82	18.91
-5.10	-31.57	-12.61	18.96
-5.00	-31.90	-12.40	19.51
-4.90	-31.96	-12.18	19.78
-4.80	-32.13	-11.95	20.18
-4.70	-32.11	-11.72	20.39
-4.60	-33.01	-11.48	21.53
-4.50	-33.55	-11.24	22.31
-4.40	-34.30	-10.99	23.30
-4.30	-35.24	-10.74	24.50
-4.20	-36.08	-10.48	25.60
-4.10	-37.82	-10.23	27.59
-4.00	-38.86	-9.96	28.91
-3.90	-39.45	-9.67	29.78
-3.80	-41.78	-9.39	32.38
-3.70	-44.49	-9.10	35.39
-3.60	-48.23	-8.80	39.42
-3.50	-50.02	-8.48	41.54
-3.40	-59.65	-8.17	51.48
-3.30	-55.24	-7.84	47.40
-3.20	-47.71	-7.51	40.20
-3.10	-46.31	-7.16	39.15
-3.00	-42.41	-6.79	35.62

Angle	X - EIRP	X - MASK	Margin
0.10	-23.94	99.00	122.94
0.20	-24.34	99.00	123.34
0.30	-24.52	99.00	123.52
0.40	-24.68	99.00	123.68
0.50	-25.34	99.00	124.34
0.60	-26.01	99.00	125.01
0.70	-26.26	99.00	125.26
0.80	-27.13	99.00	126.13
0.90	-27.58	99.00	126.58
1.00	-28.43	99.00	127.43
1.10	-29.01	99.00	128.01
1.20	-29.95	99.00	128.95
1.30	-30.75	99.00	129.75
1.40	-31.94	99.00	130.94
1.50	-33.53	99.00	132.53
1.60	-34.01	99.00	133.01
1.70	-35.47	99.00	134.47
1.80	-36.46	-1.60	34.85
1.90	-37.24	-2.17	35.07
2.00	-37.52	-2.72	34.80
2.10	-37.61	-3.24	34.37
2.20	-37.14	-3.74	33.40
2.30	-36.76	-4.22	32.54
2.40	-37.14	-4.67	32.48
2.50	-37.26	-5.11	32.15
2.60	-36.83	-5.52	31.31
2.70	-38.42	-5.92	32.49
2.80	-38.75	-6.32	32.43
2.90	-38.79	-6.69	32.10
3.00	-40.02	-7.06	32.96
3.10	-41.34	-7.41	33.93
3.20	-44.63	-7.75	36.88
3.30	-44.86	-8.08	36.78
3.40	-49.40	-8.40	41.00
3.50	-52.59	-8.71	43.88
3.60	-44.91	-9.02	35.89
3.70	-43.10	-9.31	33.79
3.80	-41.24	-9.60	31.64
3.90	-38.95	-9.88	29.07
4.00	-38.47	-10.15	28.32
4.10	-37.16	-10.41	26.75

Angle	X - EIRP	X - MASK	Margin
-2.90	-39.16	-6.42	32.74
-2.80	-39.14	-6.03	33.10
-2.70	-38.22	-5.63	32.59
-2.60	-36.76	-5.23	31.54
-2.50	-36.72	-4.79	31.93
-2.40	-36.19	-4.34	31.85
-2.30	-35.21	-3.87	31.35
-2.20	-33.97	-3.39	30.59
-2.10	-33.39	-2.87	30.52
-2.00	-32.48	-2.32	30.16
-1.90	-31.24	-1.76	29.48
-1.80	-30.43	99.00	129.43
-1.70	-29.56	99.00	128.56
-1.60	-29.02	99.00	128.02
-1.50	-28.29	99.00	127.29
-1.40	-27.72	99.00	126.72
-1.30	-27.13	99.00	126.13
-1.20	-26.70	99.00	125.70
-1.10	-26.09	99.00	125.09
-1.00	-25.86	99.00	124.86
-0.90	-25.54	99.00	124.54
-0.80	-25.35	99.00	124.35
-0.70	-24.87	99.00	123.87
-0.60	-24.64	99.00	123.64
-0.50	-24.48	99.00	123.48
-0.40	-24.31	99.00	123.31
-0.30	-24.02	99.00	123.02
-0.20	-23.93	99.00	122.93
-0.10	-23.82	99.00	122.82
0.00	-24.01	99.00	123.01

Angle	X - EIRP	X - MASK	Margin
4.20	-35.97	-10.67	25.30
4.30	-35.43	-10.93	24.50
4.40	-34.94	-11.17	23.76
4.50	-34.48	-11.42	23.06
4.60	-32.99	-11.65	21.33
4.70	-33.31	-11.89	21.42
4.80	-33.19	-12.11	21.08
4.90	-32.84	-12.33	20.50
5.00	-33.02	-12.55	20.46
5.10	-32.83	-12.76	20.06
5.20	-33.26	-12.97	20.29
5.30	-33.16	-13.18	19.98
5.40	-33.27	-13.38	19.88
5.50	-33.90	-13.58	20.32
5.60	-34.69	-13.77	20.91
5.70	-35.65	-13.97	21.68
5.80	-36.34	-14.15	22.19
5.90	-37.39	-14.34	23.05
6.00	-40.19	-14.52	25.67
6.10	-41.91	-14.70	27.22
6.20	-43.18	-14.87	28.30
6.30	-43.64	-15.04	28.60
6.40	-44.83	-15.21	29.62
6.50	-46.31	-15.38	30.92
6.60	-46.12	-15.55	30.57
6.70	-48.04	-15.71	32.33
6.80	-46.81	-15.87	30.94
6.90	-49.67	-16.03	33.64

2. RADIATION PATTERNS

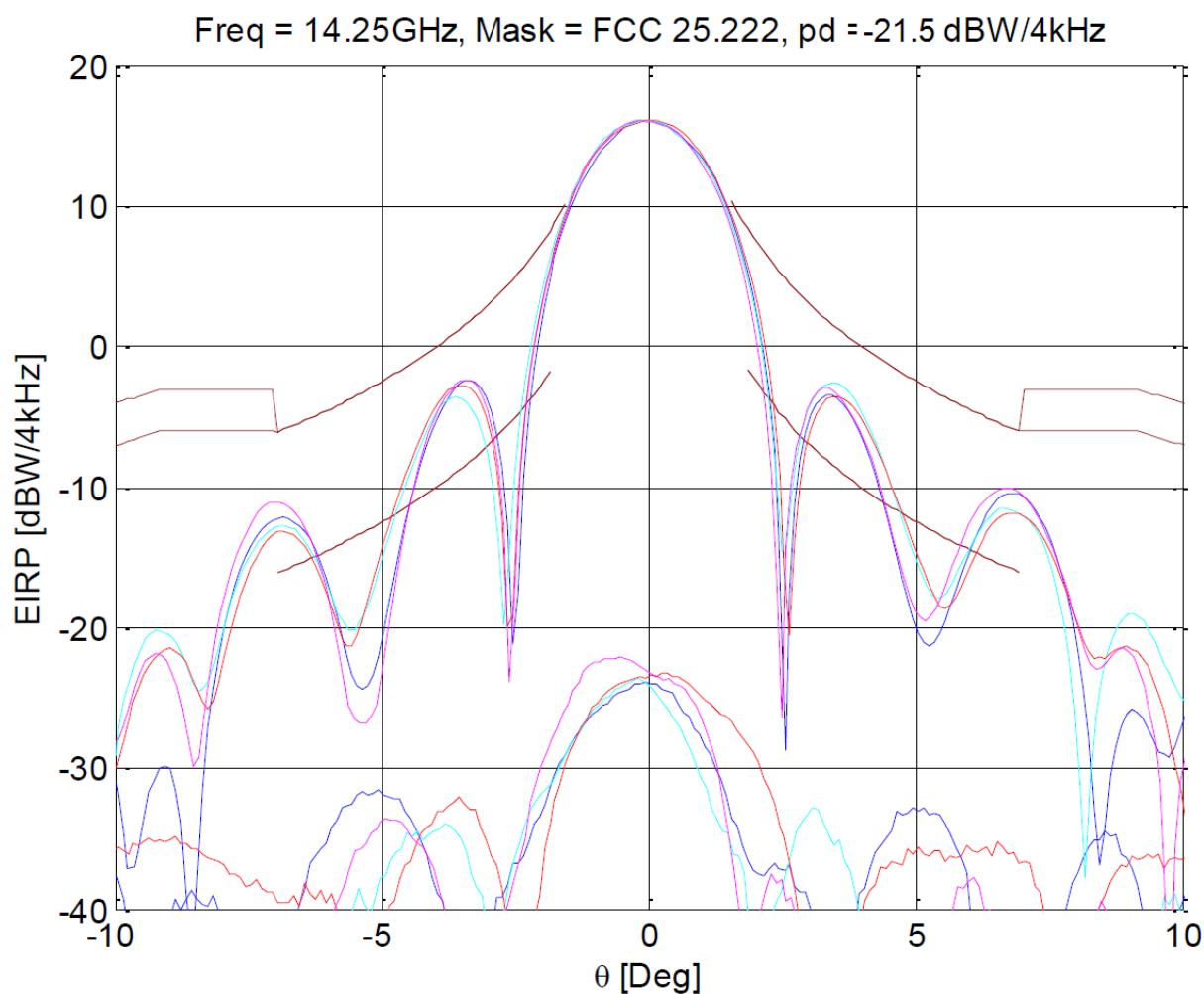
In the power density plots and radiation patterns presented the FCC mask is shown as a dark red line for both co- and cross-polarization, with an additional dashed line showing the limit with relaxation.

Blue shows V-pol azimuth, **cyan** V-pol elevation, **red** H-pol azimuth and **magenta** H-pol elevation.

The results shown in the following were made by the Thales Alenia Space department for the Eutelsat Type Approval conducted in February 2017

3. EIRP SD(C) PLOT

3.1 -10° TO 10° XPOL (AND COPOL) AZIMUTH



INTELLIAN V85 TABLES

2. EIRP Spectral Density Data

2.1. Azimuth Pattern for Co-pol (-10°~10°)

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-10.00	-11.27	-7.00
-9.90	-11.51	-6.89
-9.80	-11.79	-6.78
-9.70	-12.12	-6.67
-9.60	-12.49	-6.56
-9.50	-12.86	-6.44
-9.40	-13.21	-6.33
-9.30	-13.49	-6.21
-9.20	-13.65	-6.00
-9.10	-13.65	-6.00
-9.00	-13.47	-6.00
-8.90	-13.12	-6.00
-8.80	-12.64	-6.00
-8.70	-12.10	-6.00
-8.60	-11.54	-6.00
-8.50	-11.02	-6.00
-8.40	-10.54	-6.00
-8.30	-10.14	-6.00
-8.20	-9.80	-6.00
-8.10	-9.54	-6.00
-8.00	-9.33	-6.00
-7.90	-9.15	-6.00
-7.80	-9.00	-6.00
-7.70	-8.83	-6.00
-7.60	-8.63	-6.00
-7.50	-8.40	-6.00
-7.40	-8.12	-6.00
-7.30	-7.81	-6.00
-7.20	-7.49	-6.00
-7.10	-7.18	-6.00
-7.00	-6.91	-6.13
-6.90	-6.68	-5.97
-6.80	-6.51	-5.81
-6.70	-6.41	-5.65
-6.60	-6.38	-5.49
-6.50	-6.42	-5.32
-6.40	-6.50	-5.15
-6.30	-6.61	-4.98
-6.20	-6.73	-4.81
-6.10	-6.84	-4.63
-6.00	-6.93	-4.45
-5.90	-6.99	-4.27
-5.80	-7.04	-4.09
-5.70	-7.11	-3.90
-5.60	-7.23	-3.70
-5.50	-7.46	-3.51
-5.40	-7.84	-3.31
-5.30	-8.43	-3.11
-5.20	-9.28	-2.90
-5.10	-10.48	-2.69
-5.00	-12.11	-2.47
-4.90	-14.25	-2.25
-4.80	-16.66	-2.03
-4.70	-17.80	-1.80
-4.60	-16.16	-1.57

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-4.50	-13.59	-1.33
-4.40	-11.40	-1.09
-4.30	-9.77	-0.84
-4.20	-8.66	-0.58
-4.10	-7.99	-0.32
-4.00	-7.73	-0.05
-3.90	-7.86	0.22
-3.80	-8.34	0.51
-3.70	-9.04	0.79
-3.60	-9.54	1.09
-3.50	-9.14	1.40
-3.40	-7.59	1.71
-3.30	-5.49	2.04
-3.20	-3.40	2.37
-3.10	-1.57	2.72
-3.00	-0.05	3.07
-2.90	1.15	3.44
-2.80	2.06	3.82
-2.70	2.66	4.22
-2.60	2.95	4.63
-2.50	2.89	5.05
-2.40	2.41	5.49
-2.30	1.35	5.96
-2.20	-0.57	6.44
-2.10	-4.18	6.94
-2.00	-13.47	7.47
-1.90	-10.40	8.03
-1.80	-0.99	8.62
-1.70	3.93	9.24
-1.60	7.36	9.90
-1.50	10.01	10.60
-1.40	12.18	
-1.30	13.99	
-1.20	15.53	
-1.10	16.87	
-1.00	18.02	
-0.90	19.02	
-0.80	19.87	
-0.70	20.61	
-0.60	21.23	
-0.50	21.75	
-0.40	22.16	
-0.30	22.48	
-0.20	22.70	
-0.10	22.84	
0.00	22.88	
0.10	22.84	
0.20	22.70	
0.30	22.48	
0.40	22.16	
0.50	21.75	
0.60	21.25	
0.70	20.64	
0.80	19.92	
0.90	19.08	

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
1.00	18.11	
1.10	17.00	
1.20	15.73	
1.30	14.27	
1.40	12.58	
1.50	10.60	10.60
1.60	8.23	9.90
1.70	5.31	9.24
1.80	1.48	8.62
1.90	-4.27	8.03
2.00	-17.51	7.47
2.10	-10.85	6.94
2.20	-4.45	6.44
2.30	-1.60	5.96
2.40	-0.09	5.49
2.50	0.65	5.05
2.60	0.87	4.63
2.70	0.68	4.22
2.80	0.14	3.82
2.90	-0.71	3.44
3.00	-1.87	3.07
3.10	-3.32	2.72
3.20	-5.02	2.37
3.30	-6.85	2.04
3.40	-8.52	1.71
3.50	-9.55	1.40
3.60	-9.71	1.09
3.70	-9.34	0.79
3.80	-8.89	0.51
3.90	-8.64	0.22
4.00	-8.67	-0.05
4.10	-9.04	-0.32
4.20	-9.75	-0.58
4.30	-10.79	-0.84
4.40	-12.14	-1.09
4.50	-13.63	-1.33
4.60	-14.81	-1.57
4.70	-15.04	-1.80
4.80	-14.19	-2.03
4.90	-12.88	-2.25
5.00	-11.58	-2.47
5.10	-10.49	-2.69
5.20	-9.65	-2.90
5.30	-9.02	-3.11
5.40	-8.57	-3.31
5.50	-8.25	-3.51
5.60	-8.02	-3.70
5.70	-7.85	-3.90
5.80	-7.69	-4.09
5.90	-7.54	-4.27
6.00	-7.37	-4.45
6.10	-7.19	-4.63
6.20	-7.02	-4.81
6.30	-6.87	-4.98
6.40	-6.75	-5.15

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
6.50	-6.69	-5.32
6.60	-6.70	-5.49
6.70	-6.77	-5.65
6.80	-6.91	-5.81
6.90	-7.11	-5.97
7.00	-7.36	-6.13
7.10	-7.65	-6.00
7.20	-7.95	-6.00
7.30	-8.25	-6.00
7.40	-8.53	-6.00
7.50	-8.77	-6.00
7.60	-8.98	-6.00
7.70	-9.17	-6.00
7.80	-9.34	-6.00
7.90	-9.53	-6.00
8.00	-9.75	-6.00
8.10	-10.01	-6.00
8.20	-10.32	-6.00
8.30	-10.70	-6.00
8.40	-11.13	-6.00
8.50	-11.60	-6.00
8.60	-12.10	-6.00
8.70	-12.57	-6.00
8.80	-12.98	-6.00
8.90	-13.28	-6.00
9.00	-13.44	-6.00
9.10	-13.43	-6.00
9.20	-13.27	-6.00
9.30	-13.01	-6.21
9.40	-12.67	-6.33
9.50	-12.32	-6.44
9.60	-11.97	-6.56
9.70	-11.64	-6.67
9.80	-11.36	-6.78
9.90	-11.14	-6.89
10.00	-10.97	-7.00

2.2. Azimuth Pattern for Co-pol (-180°~180°)

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-180.00	-32.43	-14.00
-178.40	-34.47	-14.00
-176.80	-36.47	-14.00
-175.20	-38.76	-14.00
-173.60	-40.55	-14.00
-172.00	-46.20	-14.00
-170.40	-41.38	-14.00
-168.80	-38.79	-14.00
-167.20	-40.47	-14.00
-165.60	-43.73	-14.00
-164.00	-40.35	-14.00
-162.40	-45.80	-14.00
-160.80	-39.72	-14.00
-159.20	-43.05	-14.00
-157.60	-39.58	-14.00
-156.00	-46.76	-14.00
-154.40	-39.20	-14.00
-152.80	-44.59	-14.00
-151.20	-39.18	-14.00
-149.60	-42.02	-14.00
-148.00	-43.23	-14.00
-146.40	-38.53	-14.00
-144.80	-53.58	-14.00
-143.20	-37.18	-14.00
-141.60	-42.01	-14.00
-140.00	-39.29	-14.00
-138.40	-35.59	-14.00
-136.80	-47.96	-14.00
-135.20	-38.00	-14.00
-133.60	-43.39	-14.00
-132.00	-37.69	-14.00
-130.40	-41.67	-14.00
-128.80	-36.66	-14.00
-127.20	-45.04	-14.00
-125.60	-37.28	-14.00
-124.00	-45.44	-14.00
-122.40	-35.35	-14.00
-120.80	-41.90	-14.00
-119.20	-35.30	-14.00
-117.60	-38.63	-14.00
-116.00	-35.74	-14.00
-114.40	-39.24	-14.00
-112.80	-34.50	-14.00
-111.20	-37.22	-14.00
-109.60	-32.90	-14.00
-108.00	-33.33	-14.00
-106.40	-34.67	-14.00
-104.80	-31.02	-14.00
-103.20	-34.86	-14.00
-101.60	-29.69	-14.00
-100.00	-29.46	-14.00
-98.40	-28.79	-14.00
-96.80	-26.31	-14.00
-95.20	-27.37	-14.00
-93.60	-26.05	-14.00

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-92.00	-24.95	-14.00
-90.40	-24.66	-14.00
-88.80	-24.95	-14.00
-87.20	-24.90	-14.00
-85.60	-26.41	-14.00
-84.00	-28.35	-24.00
-82.40	-29.49	-24.00
-80.80	-31.84	-24.00
-79.20	-30.33	-24.00
-77.60	-29.35	-24.00
-76.00	-28.17	-24.00
-74.40	-31.19	-24.00
-72.80	-32.12	-24.00
-71.20	-30.36	-24.00
-69.60	-27.38	-24.00
-68.00	-27.27	-24.00
-66.40	-27.65	-24.00
-64.80	-29.90	-24.00
-63.20	-36.49	-24.00
-61.60	-31.54	-24.00
-60.00	-24.81	-24.00
-58.40	-25.57	-24.00
-56.80	-33.03	-24.00
-55.20	-30.18	-24.00
-53.60	-28.00	-24.00
-52.00	-37.54	-24.00
-50.40	-33.73	-24.00
-48.80	-30.29	-24.00
-47.20	-33.14	-23.85
-45.60	-27.29	-23.47
-44.00	-32.16	-23.09
-42.40	-28.96	-22.68
-40.80	-23.34	-22.27
-39.20	-27.08	-21.83
-37.60	-32.34	-21.38
-36.00	-32.25	-20.91
-34.40	-34.42	-20.41
-32.80	-49.85	-19.90
-31.20	-23.89	-19.35
-29.60	-21.09	-18.78
-28.00	-24.99	-18.18
-26.40	-39.09	-17.54
-24.80	-25.90	-16.86
-23.20	-24.55	-16.14
-21.60	-35.99	-15.36
-20.00	-25.50	-14.53
-18.40	-23.89	-13.62
-16.80	-20.48	-12.63
-15.20	-15.27	-11.55
-13.60	-14.21	-10.34
-12.00	-13.96	-8.98
-10.40	-10.98	-7.43
-8.80	-12.64	-6.00
-7.20	-7.49	-6.00
-5.60	-7.23	-3.70

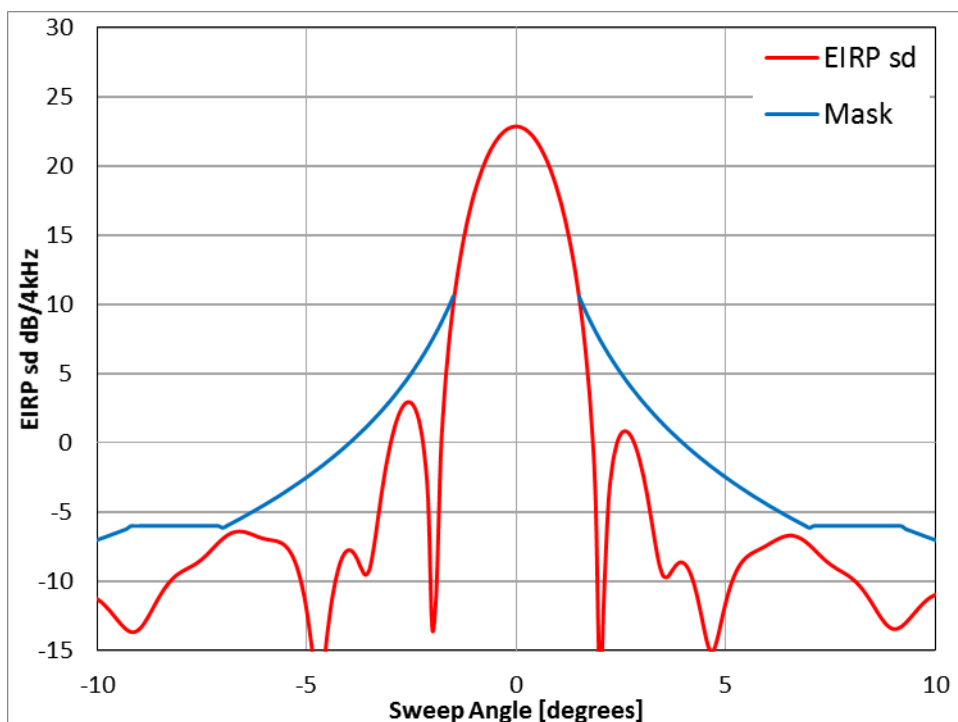
Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-4.00	-7.73	-0.05
-2.40	2.41	5.49
-0.80	19.87	
0.00	22.88	
0.80	19.92	
2.40	-0.09	5.49
4.00	-8.67	-0.05
5.60	-8.02	-3.70
7.20	-7.95	-6.00
8.80	-12.98	-6.00
10.40	-11.05	-7.43
12.00	-14.98	-8.98
13.60	-14.52	-10.34
15.20	-16.02	-11.55
16.80	-20.81	-12.63
18.40	-25.70	-13.62
20.00	-24.86	-14.53
21.60	-36.70	-15.36
23.20	-24.90	-16.14
24.80	-24.79	-16.86
26.40	-39.29	-17.54
28.00	-24.85	-18.18
29.60	-21.48	-18.78
31.20	-25.61	-19.35
32.80	-40.02	-19.90
34.40	-34.23	-20.41
36.00	-35.95	-20.91
37.60	-35.82	-21.38
39.20	-26.90	-21.83
40.80	-23.23	-22.27
42.40	-26.88	-22.68
44.00	-31.10	-23.09
45.60	-27.79	-23.47
47.20	-29.74	-23.85
48.80	-33.41	-24.00
50.40	-31.90	-24.00
52.00	-39.27	-24.00
53.60	-29.62	-24.00
55.20	-32.94	-24.00
56.80	-32.24	-24.00
58.40	-25.40	-24.00
60.00	-25.21	-24.00
61.60	-30.34	-24.00
63.20	-38.62	-24.00
64.80	-29.03	-24.00
66.40	-27.56	-24.00
68.00	-26.08	-24.00
69.60	-27.03	-24.00
71.20	-29.69	-24.00
72.80	-33.61	-24.00
74.40	-30.60	-24.00
76.00	-29.57	-24.00
77.60	-29.16	-24.00
79.20	-30.64	-24.00
80.80	-31.02	-24.00

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
82.40	-29.52	-24.00
84.00	-28.73	-24.00
85.60	-27.22	-14.00
87.20	-25.14	-14.00
88.80	-25.07	-14.00
90.40	-25.82	-14.00
92.00	-24.94	-14.00
93.60	-25.66	-14.00
95.20	-27.42	-14.00
96.80	-26.21	-14.00
98.40	-28.74	-14.00
100.00	-29.14	-14.00
101.60	-29.11	-14.00
103.20	-33.23	-14.00
104.80	-31.64	-14.00
106.40	-33.21	-14.00
108.00	-34.45	-14.00
109.60	-35.88	-14.00
111.20	-36.17	-14.00
112.80	-36.13	-14.00
114.40	-38.12	-14.00
116.00	-36.09	-14.00
117.60	-40.82	-14.00
119.20	-37.09	-14.00
120.80	-37.86	-14.00
122.40	-38.10	-14.00
124.00	-42.43	-14.00
125.60	-40.35	-14.00
127.20	-39.74	-14.00
128.80	-38.88	-14.00
130.40	-39.67	-14.00
132.00	-38.61	-14.00
133.60	-43.80	-14.00
135.20	-40.36	-14.00
136.80	-45.97	-14.00
138.40	-39.38	-14.00
140.00	-45.89	-14.00
141.60	-40.02	-14.00
143.20	-42.13	-14.00
144.80	-44.03	-14.00
146.40	-41.95	-14.00
148.00	-43.76	-14.00
149.60	-46.65	-14.00
151.20	-40.58	-14.00
152.80	-50.54	-14.00
154.40	-42.47	-14.00
156.00	-43.22	-14.00
157.60	-43.58	-14.00
159.20	-43.41	-14.00
160.80	-41.53	-14.00
162.40	-43.29	-14.00
164.00	-44.09	-14.00
165.60	-44.14	-14.00
167.20	-41.53	-14.00
168.80	-39.79	-14.00

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
170.40	-42.77	-14.00
172.00	-44.53	-14.00
173.60	-43.10	-14.00
175.20	-38.98	-14.00
176.80	-36.16	-14.00
178.40	-34.14	-14.00
180.00	-32.43	-14.00

1. EIRP Spectral Density of v85

1.1. Azimuth Pattern for Co-pol, Narrow Angle (-10°~10°)



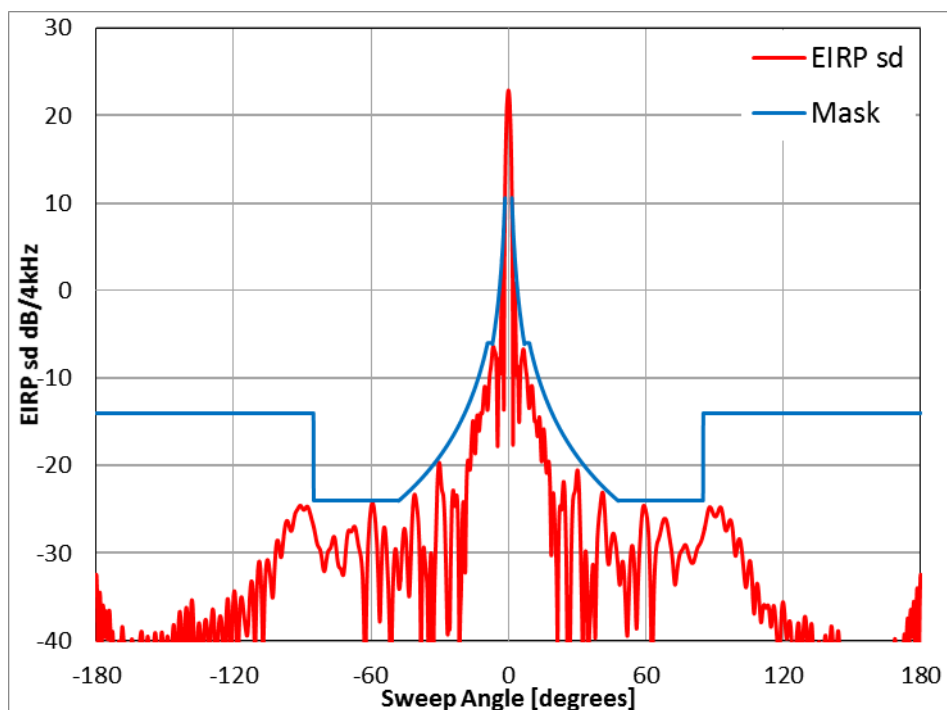
14.25GHz EIRP spectral density @ -18.08 dBW/4kHz Input power spectral density

▪ FCC EIRP spectral density regulation

$15-25\log(\theta)$	dBW/4kHz	for	$1.5^\circ \leq \theta \leq 7.0^\circ$
-6	dBW/4kHz	for	$7.0^\circ < \theta \leq 9.2^\circ$
$18-25\log(\theta)$	dBW/4kHz	for	$9.2^\circ < \theta \leq 48^\circ$
-24	dBW/4kHz	for	$48^\circ < \theta \leq 85^\circ$
-14	dBW/4kHz	for	$85^\circ < \theta \leq 180^\circ$

The v85's Radiation pattern meets the FCC EIRP spectral density mask when the input powers spectral density is @ -18.08 dBW/4kHz

1.2. Azimuth Pattern for Co-pol, Wide Angle (-180°~180°)



14.25GHz EIRP spectral density @ -18.08 dBW/4kHz Input power spectral density

▪ FCC EIRP spectral density regulation

15-25log(θ)	dBW/4kHz	for	$1.5^\circ \leq \theta \leq 7.0^\circ$
-6	dBW/4kHz	for	$7.0^\circ < \theta \leq 9.2^\circ$
18-25log(θ)	dBW/4kHz	for	$9.2^\circ < \theta \leq 48^\circ$
-24	dBW/4kHz	for	$48^\circ < \theta \leq 85^\circ$
-14	dBW/4kHz	for	$85^\circ < \theta \leq 180^\circ$

The v85's Radiation pattern meets the FCC EIRP spectral density mask when the Input powers spectral density is @ -18.08 dBW/4kHz

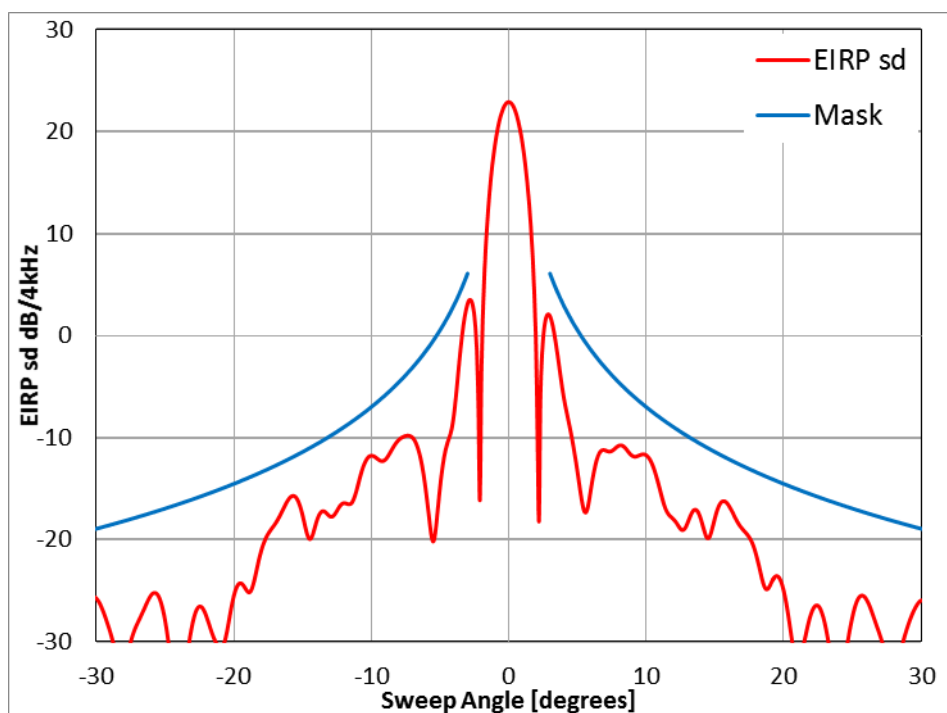
2.4. Elevation Pattern for Co-pol (-30°~30°)

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-30.00	-25.76	-18.93
-29.60	-26.74	-18.78
-29.20	-28.22	-18.63
-28.80	-30.02	-18.48
-28.40	-31.98	-18.33
-28.00	-32.30	-18.18
-27.60	-30.46	-18.02
-27.20	-28.76	-17.86
-26.80	-27.58	-17.70
-26.40	-26.39	-17.54
-26.00	-25.40	-17.37
-25.60	-25.31	-17.21
-25.20	-26.68	-17.04
-24.80	-29.72	-16.86
-24.40	-33.91	-16.68
-24.00	-36.03	-16.51
-23.60	-33.41	-16.32
-23.20	-29.57	-16.14
-22.80	-27.15	-15.95
-22.40	-26.56	-15.76
-22.00	-27.52	-15.56
-21.60	-29.14	-15.36
-21.20	-30.32	-15.16
-20.80	-30.44	-14.95
-20.40	-28.22	-14.74
-20.00	-25.49	-14.53
-19.60	-24.28	-14.31
-19.20	-24.70	-14.08
-18.80	-25.10	-13.85
-18.40	-23.29	-13.62
-18.00	-21.04	-13.38
-17.60	-19.64	-13.14
-17.20	-18.83	-12.89
-16.80	-18.02	-12.63
-16.40	-16.97	-12.37
-16.00	-16.00	-12.10
-15.60	-15.73	-11.83
-15.20	-16.66	-11.55
-14.80	-18.79	-11.26
-14.40	-19.90	-10.96
-14.00	-18.31	-10.65
-13.60	-17.23	-10.34
-13.20	-17.49	-10.01
-12.80	-17.73	-9.68
-12.40	-16.94	-9.34
-12.00	-16.42	-8.98
-11.60	-16.54	-8.61
-11.20	-15.74	-8.23
-10.80	-13.77	-7.84
-10.40	-12.26	-7.43
-10.00	-11.77	-7.00
-9.60	-12.03	-6.56
-9.20	-12.30	-6.09
-8.80	-11.85	-5.61
-8.40	-10.93	-5.11

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-8.00	-10.23	-4.58
-7.60	-9.88	-4.02
-7.20	-9.83	-3.43
-6.80	-10.40	-2.81
-6.40	-12.14	-2.15
-6.00	-15.53	-1.45
-5.60	-19.83	-0.70
-5.20	-17.52	0.10
-4.80	-12.71	0.97
-4.40	-10.27	1.91
-4.00	-7.87	2.95
-3.60	-2.55	4.09
-3.20	1.87	5.37
-2.80	3.50	
-2.40	0.30	
-2.00	-4.96	
-1.60	10.33	
-1.20	16.66	
-0.80	20.29	
-0.40	22.26	
0.00	22.88	
0.40	22.26	
0.80	20.32	
1.20	16.78	
1.60	10.79	
2.00	-1.93	
2.40	-2.53	
2.80	2.02	
3.20	0.97	5.37
3.60	-2.37	4.09
4.00	-6.02	2.95
4.40	-8.72	1.91
4.80	-11.63	0.97
5.20	-15.20	0.10
5.60	-17.34	-0.70
6.00	-14.89	-1.45
6.40	-12.19	-2.15
6.80	-11.23	-2.81
7.20	-11.34	-3.43
7.60	-11.22	-4.02
8.00	-10.80	-4.58
8.40	-10.92	-5.11
8.80	-11.55	-5.61
9.20	-11.87	-6.09
9.60	-11.69	-6.56
10.00	-11.73	-7.00
10.40	-12.49	-7.43
10.80	-14.08	-7.84
11.20	-16.11	-8.23
11.60	-17.47	-8.61
12.00	-18.02	-8.98
12.40	-18.77	-9.34
12.80	-18.94	-9.68
13.20	-17.72	-10.01
13.60	-17.06	-10.34

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
14.00	-18.07	-10.65
14.40	-19.78	-10.96
14.80	-18.95	-11.26
15.20	-17.00	-11.55
15.60	-16.22	-11.83
16.00	-16.63	-12.10
16.40	-17.65	-12.37
16.80	-18.60	-12.63
17.20	-19.25	-12.89
17.60	-19.99	-13.14
18.00	-21.45	-13.38
18.40	-23.69	-13.62
18.80	-24.87	-13.85
19.20	-23.97	-14.08
19.60	-23.61	-14.31
20.00	-24.95	-14.53
20.40	-27.96	-14.74
20.80	-31.31	-14.95
21.20	-31.67	-15.16
21.60	-29.40	-15.36
22.00	-27.27	-15.56
22.40	-26.43	-15.76
22.80	-27.21	-15.95
23.20	-29.56	-16.14
23.60	-32.63	-16.32
24.00	-33.96	-16.51
24.40	-32.12	-16.68
24.80	-28.97	-16.86
25.20	-26.55	-17.04
25.60	-25.51	-17.21
26.00	-25.79	-17.37
26.40	-27.01	-17.54
26.80	-28.54	-17.70
27.20	-30.14	-17.86
27.60	-32.08	-18.02
28.00	-33.21	-18.18
28.40	-31.67	-18.33
28.80	-29.50	-18.48
29.20	-27.85	-18.63
29.60	-26.63	-18.78
30.00	-25.97	-18.93

1.4. Elevation Pattern for Co-pol, Narrow Angle (-30°~30°)



14.25GHz EIRP spectral density @ -18.08 dBW/4kHz Input power spectral density

▪ FCC EIRP spectral density regulation

$18-25\log(\theta)$	dBW/4kHz	for	$3.0^\circ \leq \theta \leq 48^\circ$
-24	dBW/4kHz	for	$48^\circ < \theta \leq 85^\circ$
-14	dBW/4kHz	for	$85^\circ < \theta \leq 180^\circ$

The v85's Radiation pattern meets the FCC EIRP spectral density mask when the Input powers spectral density is @ -18.08 dBW/4kHz

2.3. Azimuth Pattern for Cross-pol (-10°~10°)

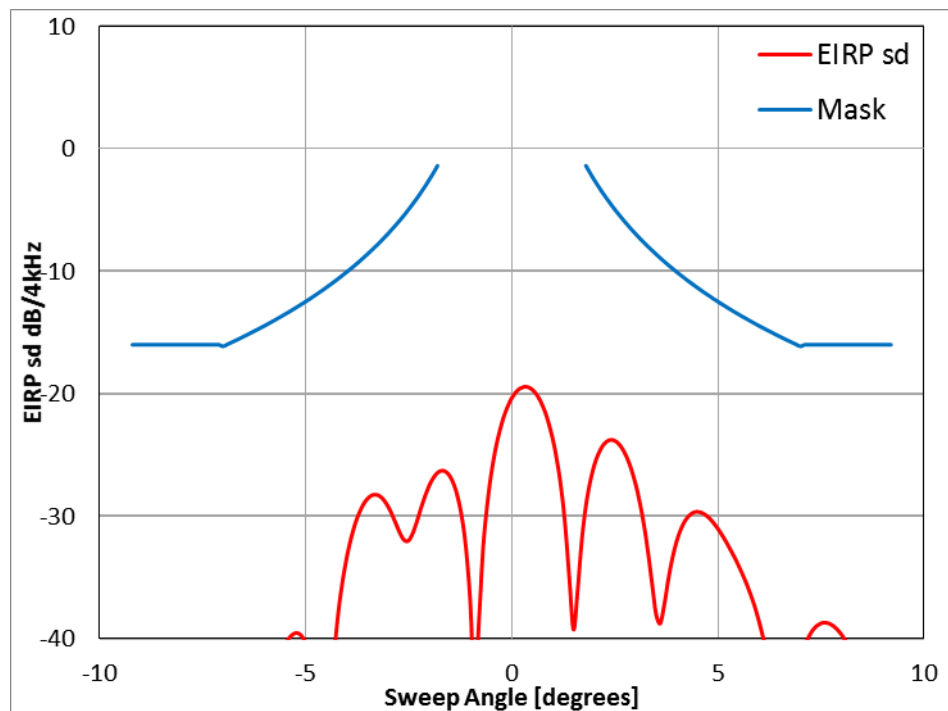
Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-10.00	-46.33	
-9.90	-47.90	
-9.80	-50.10	
-9.70	-53.31	
-9.60	-58.51	
-9.50	-69.31	
-9.40	-62.16	
-9.30	-56.16	-16.00
-9.20	-53.08	-16.00
-9.10	-51.28	-16.00
-9.00	-50.28	-16.00
-8.90	-49.84	-16.00
-8.80	-49.87	-16.00
-8.70	-50.27	-16.00
-8.60	-50.96	-16.00
-8.50	-51.69	-16.00
-8.40	-52.03	-16.00
-8.30	-51.56	-16.00
-8.20	-50.38	-16.00
-8.10	-48.93	-16.00
-8.00	-47.55	-16.00
-7.90	-46.41	-16.00
-7.80	-45.52	-16.00
-7.70	-44.91	-16.00
-7.60	-44.55	-16.00
-7.50	-44.44	-16.00
-7.40	-44.56	-16.00
-7.30	-44.89	-16.00
-7.20	-45.42	-16.00
-7.10	-46.08	-16.13
-7.00	-46.80	-15.97
-6.90	-47.44	-15.81
-6.80	-47.83	-15.65
-6.70	-47.87	-15.49
-6.60	-47.58	-15.32
-6.50	-47.07	-15.15
-6.40	-46.50	-14.98
-6.30	-45.91	-14.81
-6.20	-45.34	-14.63
-6.10	-44.76	-14.45
-6.00	-44.13	-14.27
-5.90	-43.43	-14.09
-5.80	-42.66	-13.90
-5.70	-41.88	-13.70
-5.60	-41.12	-13.51
-5.50	-40.46	-13.31
-5.40	-39.94	-13.11
-5.30	-39.62	-12.90
-5.20	-39.53	-12.69
-5.10	-39.75	-12.47
-5.00	-40.35	-12.25
-4.90	-41.48	-12.03
-4.80	-43.40	-11.80
-4.70	-46.81	-11.57
-4.60	-54.65	-11.33

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-4.50	-57.49	-11.09
-4.40	-46.13	-10.84
-4.30	-41.04	-10.58
-4.20	-37.70	-10.32
-4.10	-35.24	-10.05
-4.00	-33.33	-9.78
-3.90	-31.83	-9.49
-3.80	-30.65	-9.21
-3.70	-29.73	-8.91
-3.60	-29.04	-8.60
-3.50	-28.57	-8.29
-3.40	-28.30	-7.96
-3.30	-28.23	-7.63
-3.20	-28.36	-7.28
-3.10	-28.68	-6.93
-3.00	-29.20	-6.56
-2.90	-29.88	-6.18
-2.80	-30.68	-5.78
-2.70	-31.46	-5.37
-2.60	-31.98	-4.95
-2.50	-31.98	-4.51
-2.40	-31.39	-4.04
-2.30	-30.42	-3.56
-2.20	-29.34	-3.06
-2.10	-28.33	-2.53
-2.00	-27.49	-1.97
-1.90	-26.86	-1.38
-1.80	-26.45	
-1.70	-26.28	
-1.60	-26.36	
-1.50	-26.73	
-1.40	-27.44	
-1.30	-28.57	
-1.20	-30.29	
-1.10	-32.94	
-1.00	-37.38	
-0.90	-44.54	
-0.80	-38.88	
-0.70	-32.91	
-0.60	-29.20	
-0.50	-26.60	
-0.40	-24.65	
-0.30	-23.14	
-0.20	-21.96	
-0.10	-21.05	
0.00	-20.36	
0.10	-19.87	
0.20	-19.57	
0.30	-19.43	
0.40	-19.46	
0.50	-19.67	
0.60	-20.05	
0.70	-20.62	
0.80	-21.41	
0.90	-22.44	

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
1.00	-23.77	
1.10	-25.50	
1.20	-27.77	
1.30	-30.87	
1.40	-35.23	
1.50	-39.25	
1.60	-36.02	
1.70	-31.94	-1.38
1.80	-29.15	-1.97
1.90	-27.22	-2.53
2.00	-25.86	-3.06
2.10	-24.91	-3.56
2.20	-24.28	-4.04
2.30	-23.91	-4.51
2.40	-23.77	-4.95
2.50	-23.83	-5.37
2.60	-24.11	-5.78
2.70	-24.58	-6.18
2.80	-25.26	-6.56
2.90	-26.16	-6.93
3.00	-27.32	-7.28
3.10	-28.77	-7.63
3.20	-30.57	-7.96
3.30	-32.79	-8.29
3.40	-35.42	-8.60
3.50	-37.98	-8.91
3.60	-38.77	-9.21
3.70	-37.23	-9.49
3.80	-35.14	-9.78
3.90	-33.38	-10.05
4.00	-32.05	-10.32
4.10	-31.08	-10.58
4.20	-30.40	-10.84
4.30	-29.95	-11.09
4.40	-29.71	-11.33
4.50	-29.63	-11.57
4.60	-29.69	-11.80
4.70	-29.88	-12.03
4.80	-30.17	-12.25
4.90	-30.55	-12.47
5.00	-31.01	-12.69
5.10	-31.52	-12.90
5.20	-32.09	-13.11
5.30	-32.69	-13.31
5.40	-33.33	-13.51
5.50	-34.01	-13.70
5.60	-34.74	-13.90
5.70	-35.54	-14.09
5.80	-36.43	-14.27
5.90	-37.44	-14.45
6.00	-38.60	-14.63
6.10	-39.95	-14.81
6.20	-41.53	-14.98
6.30	-43.33	-15.15
6.40	-45.22	-15.32

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
6.50	-46.70	-15.49
6.60	-46.95	-15.65
6.70	-45.90	-15.81
6.80	-44.34	-15.97
6.90	-42.85	-16.13
7.00	-41.60	-16.00
7.10	-40.61	-16.00
7.20	-39.86	-16.00
7.30	-39.31	-16.00
7.40	-38.94	-16.00
7.50	-38.74	-16.00
7.60	-38.68	-16.00
7.70	-38.75	-16.00
7.80	-38.95	-16.00
7.90	-39.25	-16.00
8.00	-39.66	-16.00
8.10	-40.17	-16.00
8.20	-40.76	-16.00
8.30	-41.43	-16.00
8.40	-42.16	-16.00
8.50	-42.95	-16.00
8.60	-43.77	-16.00
8.70	-44.62	-16.00
8.80	-45.47	-16.00
8.90	-46.31	-16.00
9.00	-47.11	-16.00
9.10	-47.88	-16.00
9.20	-48.61	
9.30	-49.30	
9.40	-49.92	
9.50	-50.48	
9.60	-50.91	
9.70	-51.17	
9.80	-51.21	
9.90	-50.99	
10.00	-50.55	

1.3. Azimuth Pattern for Cross-pol, Narrow angle (-10°~10°)



14.25GHz EIRP spectral density @ -18.08 dBW/4kHz Input power spectral density

▪ FCC EIRP spectral density regulation

$5-25\log(\theta)$	dBW/4kHz	for	$1.8^\circ \leq \theta \leq 7.0^\circ$
-16	dBW/4kHz	for	$7.0^\circ < \theta \leq 9.2^\circ$

The v85's Radiation pattern meets the FCC EIRP spectral density mask when the Input powers spectral density is @ -18.08 dBW/4kHz