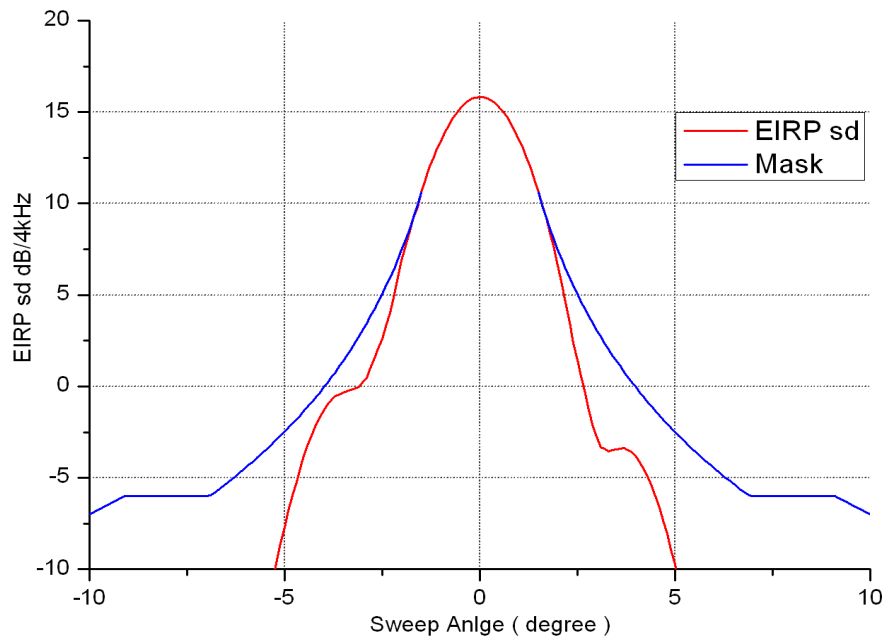


EIRP spectral density of v60

Azimuth pattern for Co-pol, narrow angle (-10°~10°)



14.25 GHz @ -22.3 dBW/4kHz

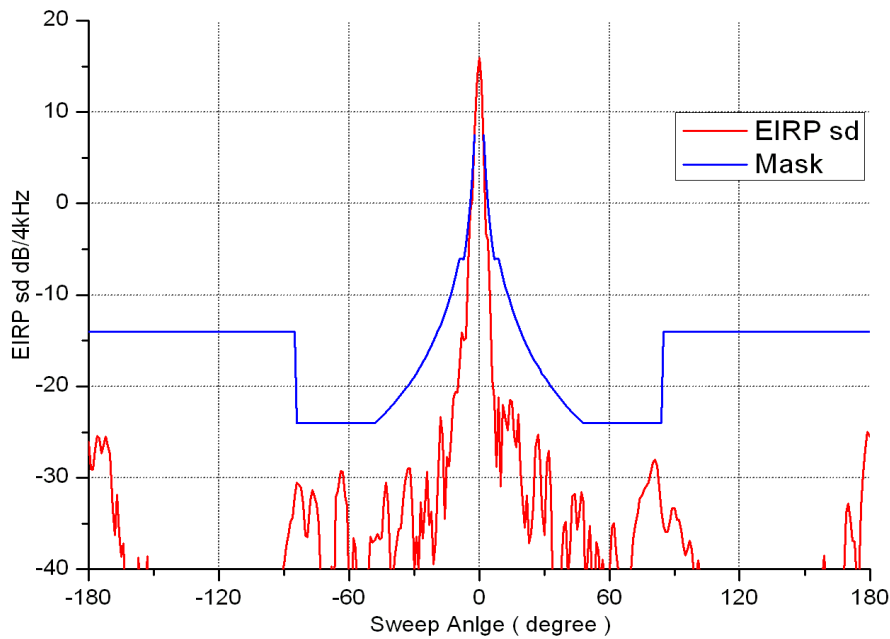
FCC EIRP spectral density regulation

$15-25\log(\theta)$	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	$85^\circ < \theta \leq 180^\circ$

Radiation pattern meets FCC EIRP spectral density mask @ -22.3 dBW/ 4KHz

EIRP spectral density of v60

Azimuth pattern for Co-pol, wide angle (-180°~180°)



14.25 GHz @ -22.3 dBW/4kHz

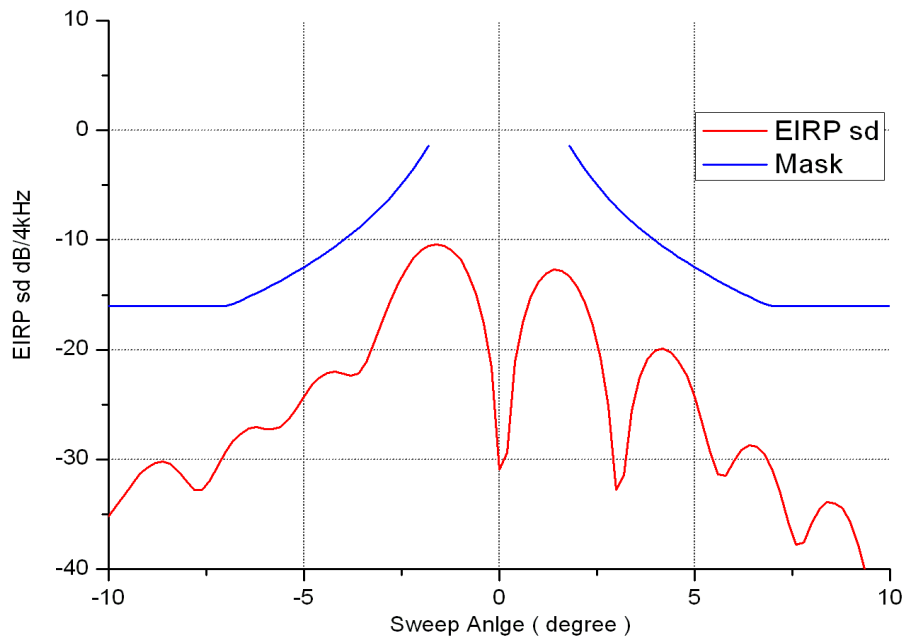
FCC EIRP spectral density regulation

$15-25\log(\theta)$	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	$85^\circ < \theta \leq 180^\circ$

Radiation pattern meets FCC EIRP spectral density mask @ -22.3 dBW/ 4KHz

EIRP spectral density of v60

Azimuth pattern for Cross-pol, narrow angle (-10°~10°)



14.25 GHz @ -22.3 dBW/4kHz

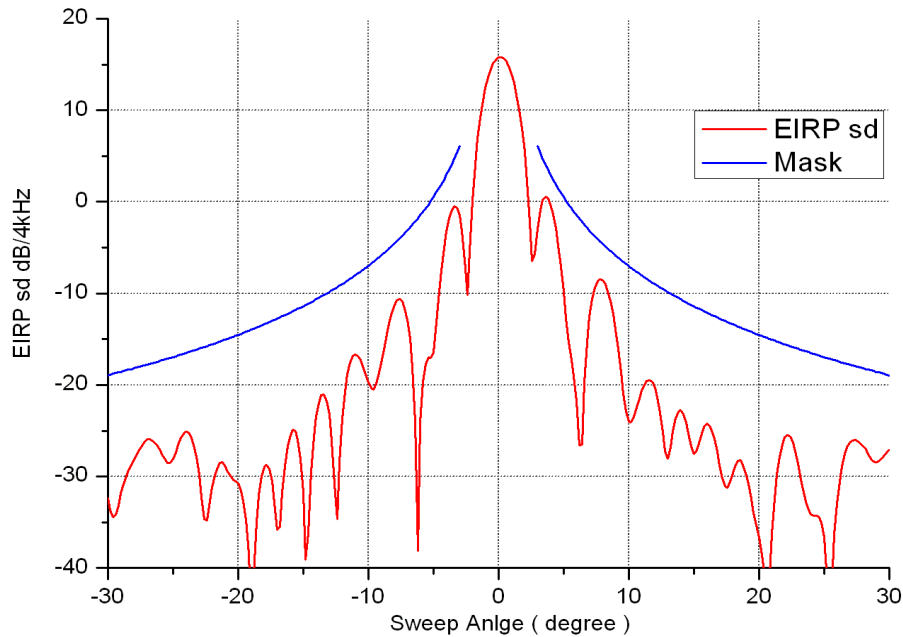
FCC EIRP spectral density regulation

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

Radiation pattern meets FCC EIRP spectral density mask @ -22.3 dBW/ 4KHz

EIRP spectral density of v60

Elevation pattern for Co-pol, narrow angle (-30°~30°)



14.25 GHz @ -22.3 dBW/4kHz

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	$85^\circ < \theta \leq 180^\circ$

Radiation pattern meets FCC EIRP spectral density mask @ -22.3 dBW/ 4KHz

EIRP spectral density of v60



Azimuth pattern for Co-pol, narrow angle (-10°~10°) 1/2

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-10.0	-21.30	-7.00
-9.9	-20.74	-6.89
-9.8	-20.62	-6.78
-9.7	-20.49	-6.67
-9.6	-20.22	-6.56
-9.5	-19.95	-6.44
-9.4	-19.68	-6.33
-9.3	-19.41	-6.21
-9.2	-18.98	-6.09
-9.1	-18.57	-6.00
-9.0	-18.10	-6.00
-8.9	-17.65	-6.00
-8.8	-17.18	-6.00
-8.7	-16.73	-6.00
-8.6	-16.29	-6.00
-8.5	-15.86	-6.00
-8.4	-15.48	-6.00
-8.3	-15.11	-6.00
-8.2	-14.80	-6.00
-8.1	-14.50	-6.00
-8.0	-14.32	-6.00
-7.9	-14.13	-6.00
-7.8	-14.03	-6.00
-7.7	-13.92	-6.00
-7.6	-13.94	-6.00
-7.5	-13.95	-6.00
-7.4	-14.07	-6.00
-7.3	-14.19	-6.00
-7.2	-14.40	-6.00
-7.1	-14.61	-6.00
-7.0	-14.82	-6.00
-6.9	-15.04	-5.97
-6.8	-15.25	-5.81
-6.7	-15.47	-5.65
-6.6	-15.60	-5.49
-6.5	-15.74	-5.32
-6.4	-15.74	-5.15
-6.3	-15.74	-4.98
-6.2	-15.60	-4.81
-6.1	-15.47	-4.63
-6.0	-15.16	-4.45
-5.9	-14.86	-4.27
-5.8	-14.33	-4.09
-5.7	-13.83	-3.90
-5.6	-13.06	-3.70
-5.5	-12.35	-3.51
-5.4	-11.39	-3.31
-5.3	-10.53	-3.11
-5.2	-9.51	-2.90
-5.1	-8.60	-2.69

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
-5.0	-7.67	-2.47
-4.9	-6.82	-2.25
-4.8	-5.97	-2.03
-4.7	-5.20	-1.80
-4.6	-4.46	-1.57
-4.5	-3.77	-1.33
-4.4	-3.16	-1.09
-4.3	-2.59	-0.84
-4.2	-2.12	-0.58
-4.1	-1.67	-0.32
-4.0	-1.32	-0.05
-3.9	-0.97	0.22
-3.8	-0.75	0.51
-3.7	-0.54	0.79
-3.6	-0.43	1.09
-3.5	-0.32	1.40
-3.4	-0.26	1.71
-3.3	-0.20	2.04
-3.2	-0.12	2.37
-3.1	-0.03	2.72
-3.0	0.23	3.07
-2.9	0.47	3.44
-2.8	1.00	3.82
-2.7	1.53	4.22
-2.6	2.06	4.63
-2.5	2.58	5.05
-2.4	3.30	5.49
-2.3	4.03	5.96
-2.2	5.03	6.44
-2.1	5.94	6.94
-2.0	6.86	7.47
-1.9	7.70	8.03
-1.8	8.50	8.62
-1.7	9.24	9.24
-1.6	9.81	9.90
-1.5	10.60	10.60
-1.4	11.32	
-1.3	11.94	
-1.2	12.47	
-1.1	12.98	
-1.0	13.43	
-0.9	13.87	
-0.8	14.26	
-0.7	14.64	
-0.6	14.92	
-0.5	15.20	
-0.4	15.41	
-0.3	15.61	
-0.2	15.75	
-0.1	15.79	

EIRP spectral density of v60



Azimuth pattern for Co-pol, narrow angle (-10°~10°) 2/2

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
0.0	15.82	
0.1	15.81	
0.2	15.74	
0.3	15.65	
0.4	15.50	
0.5	15.28	
0.6	15.00	
0.7	14.71	
0.8	14.34	
0.9	13.95	
1.0	13.50	
1.1	13.03	
1.2	12.50	
1.3	11.94	
1.4	11.32	
1.5	10.66	10.60
1.6	9.95	9.90
1.7	9.19	9.24
1.8	8.40	8.62
1.9	7.54	8.03
2.0	6.61	7.47
2.1	5.59	6.94
2.2	4.60	6.44
2.3	3.50	5.96
2.4	2.37	5.49
2.5	1.45	5.05
2.6	0.54	4.63
2.7	-0.38	4.22
2.8	-1.30	3.82
2.9	-2.21	3.44
3.0	-2.75	3.07
3.1	-3.31	2.72
3.2	-3.42	2.37
3.3	-3.54	2.04
3.4	-3.48	1.71
3.5	-3.43	1.40
3.6	-3.40	1.09
3.7	-3.38	0.79
3.8	-3.49	0.51
3.9	-3.60	0.22
4.0	-3.86	-0.05
4.1	-4.14	-0.32
4.2	-4.53	-0.58
4.3	-4.94	-0.84
4.4	-5.45	-1.09
4.5	-5.99	-1.33
4.6	-6.63	-1.57
4.7	-7.31	-1.80
4.8	-8.07	-2.03
4.9	-8.91	-2.25

Angle	EIRP SD (dBW/4kHz)	Mask (dBW/4kHz)
5.0	-9.74	-2.47
5.1	-10.67	-2.69
5.2	-11.57	-2.90
5.3	-12.59	-3.11
5.4	-13.51	-3.31
5.5	-14.55	-3.51
5.6	-15.35	-3.70
5.7	-16.24	-3.90
5.8	-17.01	-4.09
5.9	-17.86	-4.27
6.0	-18.54	-4.45
6.1	-19.27	-4.63
6.2	-19.74	-4.81
6.3	-20.24	-4.98
6.4	-20.47	-5.15
6.5	-20.71	-5.32
6.6	-20.81	-5.49
6.7	-20.91	-5.65
6.8	-20.98	-5.81
6.9	-21.06	-5.97
7.0	-21.24	-6.00
7.1	-21.41	-6.00
7.2	-21.74	-6.00
7.3	-22.08	-6.00
7.4	-22.62	-6.00
7.5	-23.21	-6.00
7.6	-24.11	-6.00
7.7	-25.11	-6.00
7.8	-26.24	-6.00
7.9	-27.53	-6.00
8.0	-28.18	-6.00
8.1	-28.87	-6.00
8.2	-28.17	-6.00
8.3	-27.53	-6.00
8.4	-26.26	-6.00
8.5	-25.16	-6.00
8.6	-24.12	-6.00
8.7	-23.19	-6.00
8.8	-22.52	-6.00
8.9	-21.89	-6.00
9.0	-21.57	-6.00
9.1	-21.25	-6.00
9.2	-21.31	-6.09
9.3	-21.36	-6.21
9.4	-21.68	-6.33
9.5	-22.01	-6.44
9.6	-22.78	-6.56
9.7	-23.61	-6.67
9.8	-24.82	-6.78
9.9	-26.22	-6.89
10.0	-28.30	-7.00

EIRP spectral density of v60



Azimuth pattern for Co-pol, wide angle (-180°~180°) 1/4

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-180	-26.04	-14.00
-179	-28.99	-14.00
-178	-29.14	-14.00
-177	-26.87	-14.00
-176	-25.37	-14.00
-175	-25.72	-14.00
-174	-27.31	-14.00
-173	-26.47	-14.00
-172	-25.48	-14.00
-171	-26.49	-14.00
-170	-27.43	-14.00
-169	-33.48	-14.00
-168	-36.27	-14.00
-167	-31.86	-14.00
-166	-36.03	-14.00
-165	-38.62	-14.00
-164	-37.15	-14.00
-163	-44.09	-14.00
-162	-44.81	-14.00
-161	-50.69	-14.00
-160	-41.77	-14.00
-159	-44.51	-14.00
-158	-49.39	-14.00
-157	-38.72	-14.00
-156	-42.22	-14.00
-155	-54.98	-14.00
-154	-42.34	-14.00
-153	-38.56	-14.00
-152	-48.11	-14.00
-151	-49.27	-14.00
-150	-50.84	-14.00
-149	-49.09	-14.00
-148	-47.11	-14.00
-147	-43.95	-14.00
-146	-46.20	-14.00
-145	-44.16	-14.00
-144	-45.30	-14.00
-143	-45.85	-14.00
-142	-47.75	-14.00
-141	-50.57	-14.00
-140	-49.76	-14.00
-139	-53.90	-14.00
-138	-55.76	-14.00
-137	-52.02	-14.00
-136	-48.26	-14.00

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-135	-47.29	-14.00
-134	-47.86	-14.00
-133	-62.97	-14.00
-132	-55.65	-14.00
-131	-64.63	-14.00
-130	-50.83	-14.00
-129	-46.95	-14.00
-128	-47.54	-14.00
-127	-49.48	-14.00
-126	-52.29	-14.00
-125	-50.36	-14.00
-124	-54.21	-14.00
-123	-46.68	-14.00
-122	-45.89	-14.00
-121	-46.75	-14.00
-120	-50.16	-14.00
-119	-56.31	-14.00
-118	-50.84	-14.00
-117	-44.10	-14.00
-116	-49.82	-14.00
-115	-55.69	-14.00
-114	-69.60	-14.00
-113	-45.08	-14.00
-112	-44.76	-14.00
-111	-42.25	-14.00
-110	-46.36	-14.00
-109	-53.43	-14.00
-108	-43.31	-14.00
-107	-43.63	-14.00
-106	-44.21	-14.00
-105	-42.64	-14.00
-104	-44.79	-14.00
-103	-44.91	-14.00
-102	-51.81	-14.00
-101	-45.06	-14.00
-100	-48.89	-14.00
-99	-48.75	-14.00
-98	-46.06	-14.00
-97	-45.08	-14.00
-96	-44.42	-14.00
-95	-44.97	-14.00
-94	-44.97	-14.00
-93	-45.83	-14.00
-92	-43.15	-14.00
-91	-40.49	-14.00

EIRP spectral density of v60



Azimuth pattern for Co-pol, wide angle (-180°~180°) 2/4

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-90	-39.48	-14.00
-89	-37.52	-14.00
-88	-36.29	-14.00
-87	-34.78	-14.00
-86	-34.31	-14.00
-85	-32.04	-14.00
-84	-30.47	-24.00
-83	-30.70	-24.00
-82	-31.11	-24.00
-81	-32.85	-24.00
-80	-36.24	-24.00
-79	-36.49	-24.00
-78	-32.47	-24.00
-77	-31.35	-24.00
-76	-32.09	-24.00
-75	-32.88	-24.00
-74	-35.07	-24.00
-73	-41.71	-24.00
-72	-45.38	-24.00
-71	-42.02	-24.00
-70	-42.11	-24.00
-69	-43.70	-24.00
-68	-39.70	-24.00
-67	-47.31	-24.00
-66	-32.12	-24.00
-65	-31.39	-24.00
-64	-29.26	-24.00
-63	-29.35	-24.00
-62	-31.93	-24.00
-61	-33.05	-24.00
-60	-43.93	-24.00
-59	-45.72	-24.00
-58	-36.58	-24.00
-57	-37.66	-24.00
-56	-45.08	-24.00
-55	-49.65	-24.00
-54	-43.71	-24.00
-53	-45.45	-24.00
-52	-56.07	-24.00
-51	-40.59	-24.00
-50	-36.45	-24.00
-49	-37.11	-24.00
-48	-36.84	-24.00
-47	-36.10	-23.80
-46	-36.68	-23.57

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-45	-36.58	-23.33
-44	-32.41	-23.09
-43	-30.52	-22.84
-42	-32.88	-22.58
-41	-39.19	-22.32
-40	-43.07	-22.05
-39	-38.88	-21.78
-38	-37.12	-21.49
-37	-35.61	-21.21
-36	-35.53	-20.91
-35	-32.62	-20.60
-34	-30.38	-20.29
-33	-28.96	-19.96
-32	-28.96	-19.63
-31	-32.96	-19.28
-30	-40.20	-18.93
-29	-36.39	-18.56
-28	-40.11	-18.18
-27	-32.64	-17.78
-26	-36.66	-17.37
-25	-33.18	-16.95
-24	-29.33	-16.51
-23	-35.17	-16.04
-22	-33.72	-15.56
-21	-39.44	-15.06
-20	-36.99	-14.53
-19	-30.85	-13.97
-18	-23.31	-13.38
-17	-25.47	-12.76
-16	-34.52	-12.10
-15	-27.72	-11.40
-14	-28.70	-10.65
-13	-25.61	-9.85
-12	-21.40	-8.98
-11	-20.56	-8.03
-10	-20.66	-7.00
-9	-17.57	-6.00
-8	-14.05	-6.00
-7	-14.96	-6.13
-6	-14.78	-4.45
-5	-6.74	-2.47
-4	-0.89	-0.05
-3	0.56	3.07
-2	7.78	7.47
-1	13.95	

EIRP spectral density of v60



Azimuth pattern for Co-pol, wide angle (-180°~180°) 3/4

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
0	15.90	
1	13.11	
2	5.67	7.47
3	-3.23	3.07
4	-4.06	-0.05
5	-10.59	-2.47
6	-19.19	-4.45
7	-21.33	-6.13
8	-28.79	-6.00
9	-21.17	-6.00
10	-30.96	-7.00
11	-22.00	-8.03
12	-23.23	-8.98
13	-24.81	-9.85
14	-21.51	-10.65
15	-21.61	-11.40
16	-25.40	-12.10
17	-26.69	-12.76
18	-23.07	-13.38
19	-29.16	-13.97
20	-32.47	-14.53
21	-35.46	-15.06
22	-31.88	-15.56
23	-37.15	-16.04
24	-36.02	-16.51
25	-33.14	-16.95
26	-26.72	-17.37
27	-25.26	-17.78
28	-28.51	-18.18
29	-33.17	-18.56
30	-36.29	-18.93
31	-28.47	-19.28
32	-27.07	-19.63
33	-31.44	-19.96
34	-44.42	-20.29
35	-41.51	-20.60
36	-41.73	-20.91
37	-44.71	-21.21
38	-39.18	-21.49
39	-35.41	-21.78
40	-34.78	-22.05
41	-40.68	-22.32
42	-37.92	-22.58
43	-32.09	-22.84
44	-31.74	-23.09

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
45	-35.70	-23.33
46	-34.06	-23.57
47	-31.53	-23.80
48	-32.72	-24.00
49	-44.32	-24.00
50	-38.29	-24.00
51	-35.26	-24.00
52	-40.81	-24.00
53	-45.24	-24.00
54	-36.98	-24.00
55	-37.99	-24.00
56	-41.56	-24.00
57	-38.91	-24.00
58	-42.38	-24.00
59	-53.58	-24.00
60	-40.17	-24.00
61	-35.45	-24.00
62	-34.92	-24.00
63	-38.05	-24.00
64	-40.10	-24.00
65	-42.06	-24.00
66	-46.17	-24.00
67	-45.74	-24.00
68	-42.52	-24.00
69	-42.05	-24.00
70	-40.26	-24.00
71	-36.72	-24.00
72	-35.26	-24.00
73	-33.73	-24.00
74	-32.37	-24.00
75	-31.80	-24.00
76	-31.28	-24.00
77	-30.89	-24.00
78	-30.48	-24.00
79	-29.36	-24.00
80	-28.34	-24.00
81	-27.98	-24.00
82	-28.67	-24.00
83	-31.04	-24.00
84	-33.62	-24.00
85	-35.26	-14.00
86	-35.88	-14.00
87	-35.90	-14.00
88	-34.83	-14.00
89	-33.29	-14.00

EIRP spectral density of v60



Azimuth pattern for Co-pol, wide angle (-180°~180°) 4/4

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
90	-33.35	-14.00
91	-34.59	-14.00
92	-34.59	-14.00
93	-35.66	-14.00
94	-37.46	-14.00
95	-38.46	-14.00
96	-37.82	-14.00
97	-36.86	-14.00
98	-37.80	-14.00
99	-40.56	-14.00
100	-40.91	-14.00
101	-39.00	-14.00
102	-40.95	-14.00
103	-42.57	-14.00
104	-43.61	-14.00
105	-44.84	-14.00
106	-42.45	-14.00
107	-43.87	-14.00
108	-42.60	-14.00
109	-44.29	-14.00
110	-45.61	-14.00
111	-45.77	-14.00
112	-44.55	-14.00
113	-41.15	-14.00
114	-43.13	-14.00
115	-45.05	-14.00
116	-40.43	-14.00
117	-40.11	-14.00
118	-42.48	-14.00
119	-58.73	-14.00
120	-49.52	-14.00
121	-44.86	-14.00
122	-54.64	-14.00
123	-50.33	-14.00
124	-51.75	-14.00
125	-55.12	-14.00
126	-51.15	-14.00
127	-52.61	-14.00
128	-56.32	-14.00
129	-53.84	-14.00
130	-74.64	-14.00
131	-54.20	-14.00
132	-48.28	-14.00
133	-47.64	-14.00
134	-45.85	-14.00

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
135	-53.15	-14.00
136	-50.43	-14.00
137	-45.97	-14.00
138	-49.22	-14.00
139	-57.47	-14.00
140	-57.32	-14.00
141	-59.85	-14.00
142	-51.88	-14.00
143	-48.66	-14.00
144	-42.49	-14.00
145	-41.34	-14.00
146	-45.27	-14.00
147	-46.59	-14.00
148	-49.33	-14.00
149	-46.11	-14.00
150	-44.37	-14.00
151	-44.59	-14.00
152	-43.22	-14.00
153	-43.37	-14.00
154	-44.89	-14.00
155	-45.59	-14.00
156	-56.39	-14.00
157	-59.45	-14.00
158	-41.19	-14.00
159	-38.47	-14.00
160	-42.31	-14.00
161	-50.63	-14.00
162	-56.90	-14.00
163	-48.35	-14.00
164	-48.68	-14.00
165	-47.17	-14.00
166	-43.00	-14.00
167	-46.15	-14.00
168	-40.81	-14.00
169	-33.80	-14.00
170	-32.82	-14.00
171	-34.47	-14.00
172	-36.85	-14.00
173	-36.93	-14.00
174	-41.36	-14.00
175	-41.59	-14.00
176	-33.27	-14.00
177	-29.55	-14.00
178	-26.85	-14.00
179	-24.94	-14.00
180	-25.55	-14.00

EIRP spectral density of v60



Azimuth pattern for Cross-pol, narrow angle (-10°~10°) 1/1

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-10.0	-35.16	-16.00
-9.8	-34.21	-16.00
-9.6	-33.22	-16.00
-9.4	-32.29	-16.00
-9.2	-31.30	-16.00
-9.0	-30.76	-16.00
-8.8	-30.32	-16.00
-8.6	-30.15	-16.00
-8.4	-30.45	-16.00
-8.2	-31.08	-16.00
-8.0	-31.99	-16.00
-7.8	-32.75	-16.00
-7.6	-32.75	-16.00
-7.4	-31.90	-16.00
-7.2	-30.60	-16.00
-7.0	-29.32	-16.00
-6.8	-28.29	-15.81
-6.6	-27.64	-15.49
-6.4	-27.14	-15.15
-6.2	-27.05	-14.81
-6.0	-27.23	-14.45
-5.8	-27.22	-14.09
-5.6	-27.05	-13.70
-5.4	-26.37	-13.31
-5.2	-25.39	-12.90
-5.0	-24.28	-12.47
-4.8	-23.22	-12.03
-4.6	-22.55	-11.57
-4.4	-22.10	-11.09
-4.2	-22.00	-10.58
-4.0	-22.16	-10.05
-3.8	-22.33	-9.49
-3.6	-22.20	-8.91
-3.4	-21.15	-8.29
-3.2	-19.36	-7.63
-3.0	-17.46	-6.93
-2.8	-15.71	-6.18
-2.6	-14.12	-5.37
-2.4	-12.77	-4.51
-2.2	-11.70	-3.56
-2.0	-10.98	-2.53
-1.8	-10.53	-1.38
-1.6	-10.39	
-1.4	-10.52	
-1.2	-10.95	
-1.0	-11.72	
-0.8	-12.98	
-0.6	-14.88	
-0.4	-17.60	
-0.2	-21.60	

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
0.0	-30.92	
0.2	-29.38	
0.4	-21.15	
0.6	-17.53	
0.8	-15.23	
1.0	-13.84	
1.2	-13.04	
1.4	-12.70	
1.6	-12.80	
1.8	-13.32	-1.38
2.0	-14.28	-2.53
2.2	-15.72	-3.56
2.4	-17.80	-4.51
2.6	-20.74	-5.37
2.8	-25.12	-6.18
3.0	-32.76	-6.93
3.2	-31.43	-7.63
3.4	-25.54	-8.29
3.6	-22.55	-8.91
3.8	-20.88	-9.49
4.0	-20.08	-10.05
4.2	-19.87	-10.58
4.4	-20.23	-11.09
4.6	-21.06	-11.57
4.8	-22.36	-12.03
5.0	-24.27	-12.47
5.2	-26.76	-12.90
5.4	-29.40	-13.31
5.6	-31.36	-13.70
5.8	-31.44	-14.09
6.0	-30.17	-14.45
6.2	-29.11	-14.81
6.4	-28.69	-15.15
6.6	-28.81	-15.49
6.8	-29.58	-15.81
7.0	-30.96	-16.00
7.2	-33.08	-16.00
7.4	-35.69	-16.00
7.6	-37.77	-16.00
7.8	-37.55	-16.00
8.0	-35.85	-16.00
8.2	-34.57	-16.00
8.4	-33.89	-16.00
8.6	-33.97	-16.00
8.8	-34.46	-16.00
9.0	-35.72	-16.00
9.2	-37.77	-16.00
9.4	-40.71	-16.00
9.6	-45.25	-16.00
9.8	-49.55	-16.00
10.0	-48.56	-16.00

EIRP spectral density of v60



Elevation pattern for Co-pol, narrow angle (-30°~30°) 1/3

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-30.0	-32.36	-18.93
-29.8	-33.71	-18.86
-29.6	-34.46	-18.78
-29.4	-34.22	-18.71
-29.2	-33.14	-18.63
-29.0	-31.86	-18.56
-28.8	-30.81	-18.48
-28.6	-29.97	-18.41
-28.4	-29.34	-18.33
-28.2	-28.77	-18.26
-28.0	-28.17	-18.18
-27.8	-27.67	-18.10
-27.6	-27.11	-18.02
-27.4	-26.63	-17.94
-27.2	-26.25	-17.86
-27.0	-25.96	-17.78
-26.8	-25.92	-17.70
-26.6	-26.05	-17.62
-26.4	-26.26	-17.54
-26.2	-26.65	-17.46
-26.0	-27.15	-17.37
-25.8	-27.69	-17.29
-25.6	-28.16	-17.21
-25.4	-28.49	-17.12
-25.2	-28.52	-17.04
-25.0	-28.06	-16.95
-24.8	-27.37	-16.86
-24.6	-26.52	-16.77
-24.4	-25.78	-16.68
-24.2	-25.30	-16.60
-24.0	-25.11	-16.51
-23.8	-25.21	-16.41
-23.6	-25.75	-16.32
-23.4	-26.59	-16.23
-23.2	-27.87	-16.14
-23.0	-29.79	-16.04
-22.8	-32.31	-15.95
-22.6	-34.64	-15.85
-22.4	-34.78	-15.76
-22.2	-33.21	-15.66
-22.0	-31.20	-15.56
-21.8	-29.94	-15.46
-21.6	-29.00	-15.36
-21.4	-28.51	-15.26
-21.2	-28.44	-15.16
-21.0	-28.83	-15.06
-20.8	-29.44	-14.95
-20.6	-29.92	-14.85
-20.4	-30.38	-14.74
-20.2	-30.54	-14.63

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-20.0	-30.75	-14.53
-19.8	-31.51	-14.42
-19.6	-32.62	-14.31
-19.4	-34.73	-14.20
-19.2	-38.41	-14.08
-19.0	-45.37	-13.97
-18.8	-40.56	-13.85
-18.6	-35.03	-13.74
-18.4	-32.09	-13.62
-18.2	-30.01	-13.50
-18.0	-28.94	-13.38
-17.8	-28.73	-13.26
-17.6	-29.18	-13.14
-17.4	-30.48	-13.01
-17.2	-32.86	-12.89
-17.0	-35.80	-12.76
-16.8	-35.43	-12.63
-16.6	-31.78	-12.50
-16.4	-28.90	-12.37
-16.2	-26.68	-12.24
-16.0	-25.48	-12.10
-15.8	-24.86	-11.97
-15.6	-25.05	-11.83
-15.4	-25.99	-11.69
-15.2	-28.13	-11.55
-15.0	-31.72	-11.40
-14.8	-39.06	-11.26
-14.6	-36.21	-11.11
-14.4	-29.49	-10.96
-14.2	-25.68	-10.81
-14.0	-23.39	-10.65
-13.8	-22.00	-10.50
-13.6	-21.12	-10.34
-13.4	-21.05	-10.18
-13.2	-21.74	-10.01
-13.0	-23.20	-9.85
-12.8	-26.11	-9.68
-12.6	-30.76	-9.51
-12.4	-34.65	-9.34
-12.2	-28.42	-9.16
-12.0	-23.73	-8.98
-11.8	-20.72	-8.80
-11.6	-18.79	-8.61
-11.4	-17.56	-8.42
-11.2	-16.85	-8.23
-11.0	-16.68	-8.03
-10.8	-16.84	-7.84
-10.6	-17.25	-7.63
-10.4	-17.93	-7.43
-10.2	-18.84	-7.22

EIRP spectral density of v60



Elevation pattern for Co-pol, narrow angle (-30°~30°) 2/3

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
-10.0	-19.74	-7.00
-9.8	-20.30	-6.78
-9.6	-20.52	-6.56
-9.4	-19.85	-6.33
-9.2	-18.95	-6.09
-9.0	-17.66	-5.86
-8.8	-16.13	-5.61
-8.6	-14.50	-5.36
-8.4	-13.24	-5.11
-8.2	-12.13	-4.85
-8.0	-11.28	-4.58
-7.8	-10.75	-4.30
-7.6	-10.63	-4.02
-7.4	-10.84	-3.73
-7.2	-11.61	-3.43
-7.0	-12.88	-3.13
-6.8	-14.89	-2.81
-6.6	-18.10	-2.49
-6.4	-24.01	-2.15
-6.2	-38.08	-1.81
-6.0	-24.16	-1.45
-5.8	-19.67	-1.09
-5.6	-17.70	-0.70
-5.4	-17.00	-0.31
-5.2	-17.04	0.10
-5.0	-16.45	0.53
-4.8	-14.04	0.97
-4.6	-10.59	1.43
-4.4	-7.52	1.91
-4.2	-5.08	2.42
-4.0	-3.20	2.95
-3.8	-1.82	3.51
-3.6	-0.90	4.09
-3.4	-0.47	4.71
-3.2	-0.60	5.37
-3.0	-1.41	6.07
-2.8	-3.19	
-2.6	-6.41	
-2.4	-10.19	
-2.2	-5.36	
-2.0	0.07	
-1.8	4.01	
-1.6	6.94	
-1.4	9.17	
-1.2	11.01	
-1.0	12.45	
-0.8	13.60	
-0.6	14.48	
-0.4	15.13	
-0.2	15.51	

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
0.0	15.80	
0.2	15.78	
0.4	15.69	
0.6	15.35	
0.8	14.78	
1.0	14.01	
1.2	13.00	
1.4	11.64	
1.6	9.98	
1.8	7.99	
2.0	5.54	
2.2	2.20	
2.4	-2.17	
2.6	-6.47	
2.8	-5.74	
3.0	-2.89	6.07
3.2	-0.93	5.37
3.4	0.19	4.71
3.6	0.57	4.09
3.8	0.41	3.51
4.0	-0.26	2.95
4.2	-1.37	2.42
4.4	-2.87	1.91
4.6	-4.80	1.43
4.8	-7.09	0.97
5.0	-9.80	0.53
5.2	-12.79	0.10
5.4	-15.38	-0.31
5.6	-17.29	-0.70
5.8	-19.03	-1.09
6.0	-21.78	-1.45
6.2	-26.59	-1.81
6.4	-26.53	-2.15
6.6	-19.73	-2.49
6.8	-15.40	-2.81
7.0	-12.57	-3.13
7.2	-10.61	-3.43
7.4	-9.38	-3.73
7.6	-8.71	-4.02
7.8	-8.45	-4.30
8.0	-8.56	-4.58
8.2	-8.99	-4.85
8.4	-9.78	-5.11
8.6	-10.83	-5.36
8.8	-12.27	-5.61
9.0	-13.96	-5.86
9.2	-16.10	-6.09
9.4	-18.58	-6.33
9.6	-20.94	-6.56
9.8	-22.87	-6.78

EIRP spectral density of v60



Elevation pattern for Co-pol, narrow angle (-30°~30°) 3/3

14.25GHz@ -22.3 dBW/ 4KHz

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
10.0	-23.98	-7.00
10.2	-24.07	-7.22
10.4	-23.45	-7.43
10.6	-22.47	-7.63
10.8	-21.52	-7.84
11.0	-20.59	-8.03
11.2	-19.99	-8.23
11.4	-19.56	-8.42
11.6	-19.47	-8.61
11.8	-19.67	-8.80
12.0	-20.28	-8.98
12.2	-21.32	-9.16
12.4	-23.00	-9.34
12.6	-25.14	-9.51
12.8	-27.26	-9.68
13.0	-28.06	-9.85
13.2	-26.84	-10.01
13.4	-25.03	-10.18
13.6	-23.66	-10.34
13.8	-22.96	-10.50
14.0	-22.76	-10.65
14.2	-23.16	-10.81
14.4	-24.09	-10.96
14.6	-25.32	-11.11
14.8	-26.68	-11.26
15.0	-27.55	-11.40
15.2	-27.32	-11.55
15.4	-26.37	-11.69
15.6	-25.34	-11.83
15.8	-24.59	-11.97
16.0	-24.23	-12.10
16.2	-24.42	-12.24
16.4	-24.96	-12.37
16.6	-25.94	-12.50
16.8	-27.24	-12.63
17.0	-28.83	-12.76
17.2	-30.18	-12.89
17.4	-31.01	-13.01
17.6	-31.23	-13.14
17.8	-30.60	-13.26
18.0	-29.61	-13.38
18.2	-28.69	-13.50
18.4	-28.26	-13.62
18.6	-28.23	-13.74
18.8	-28.75	-13.85
19.0	-29.64	-13.97
19.2	-30.77	-14.08
19.4	-32.42	-14.20
19.6	-33.97	-14.31
19.8	-35.27	-14.42

Angle	EIRP sd (dBW/4kHz)	Mask (dBW/4kHz)
20.0	-36.67	-14.53
20.2	-38.06	-14.63
20.4	-40.25	-14.74
20.6	-43.36	-14.85
20.8	-42.00	-14.95
21.0	-36.30	-15.06
21.2	-32.45	-15.16
21.4	-29.74	-15.26
21.6	-27.81	-15.36
21.8	-26.50	-15.46
22.0	-25.70	-15.56
22.2	-25.46	-15.66
22.4	-25.64	-15.76
22.6	-26.29	-15.85
22.8	-27.22	-15.95
23.0	-28.57	-16.04
23.2	-29.89	-16.14
23.4	-31.36	-16.23
23.6	-32.71	-16.32
23.8	-33.65	-16.41
24.0	-34.12	-16.51
24.2	-34.28	-16.60
24.4	-34.28	-16.68
24.6	-34.32	-16.77
24.8	-34.99	-16.86
25.0	-36.64	-16.95
25.2	-40.11	-17.04
25.4	-45.48	-17.12
25.6	-41.68	-17.21
25.8	-36.34	-17.29
26.0	-32.98	-17.37
26.2	-30.61	-17.46
26.4	-28.87	-17.54
26.6	-27.54	-17.62
26.8	-26.70	-17.70
27.0	-26.23	-17.78
27.2	-26.05	-17.86
27.4	-25.99	-17.94
27.6	-26.11	-18.02
27.8	-26.36	-18.10
28.0	-26.67	-18.18
28.2	-27.07	-18.26
28.4	-27.55	-18.33
28.6	-28.03	-18.41
28.8	-28.35	-18.48
29.0	-28.43	-18.56
29.2	-28.36	-18.63
29.4	-28.10	-18.71
29.6	-27.79	-18.78
29.8	-27.38	-18.86
30.0	-27.12	-18.93