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Cobham SATCOM, SeaTel Products

2.4m (Offset) EIRPsd Data Table

Azimuth Co-Pol 6.04GHz @ -7dBW/4KHz Radome Loss 0.25dB

Angle	EIRPsd	Mask
Degrees	dBW/4KHz	dBW/4KHz
-179.0	-32.4	-14.0
-178.0	-37.2	-14.0
-177.0	-30.2	-14.0
-176.0	-26.1	-14.0
-175.0	-23.8	-14.0
-174.0	-25.3	-14.0
-173.0	-23.1	-14.0
-172.0	-21.0	-14.0
-171.0	-19.4	-14.0
-170.0	-17.4	-14.0
-169.0	-18.6	-14.0
-168.0	-15.3	-14.0
-167.0	-19.2	-14.0
-166.0	-15.6	-14.0
-165.0	-20.5	-14.0
-164.0	-19.7	-14.0
-163.0	-15.2	-14.0
-162.0	-16.1	-14.0
-161.0	-13.8	-14.0
-160.0	-16.4	-14.0
-159.0	-18.3	-14.0
-158.0	-22.6	-14.0
-157.0	-19.6	-14.0
-156.0	-21.1	-14.0
-155.0	-20.7	-14.0
-154.0	-22.4	-14.0
-153.0	-20.3	-14.0
-152.0	-18.8	-14.0
-151.0	-17.8	-14.0
-150.0	-20.2	-14.0
-149.0	-22.0	-14.0
-148.0	-19.4	-14.0
-147.0	-17.2	-14.0
-146.0	-15.4	-14.0
-145.0	-14.7	-14.0
-144.0	-13.6	-14.0
-143.0	-13.2	-14.0
-142.0	-13.5	-14.0
-141.0	-13.9	-14.0
-140.0	-14.4	-14.0
-139.0	-14.6	-14.0

Angle	EIRPsd	Mask
Degrees	dBW/4KHz	dBW/4KHz
0.0	34.0	
0.1	34.0	
0.2	33.7	
0.3	33.4	
0.4	32.8	
0.5	32.2	
0.6	31.4	
0.7	30.5	
0.8	29.3	
0.9	28.0	
1.0	26.5	
1.1	24.8	
1.2	22.8	
1.3	20.7	
1.4	18.4	
1.5	15.9	
1.6	13.3	21.2
1.7	10.7	20.5
1.8	8.2	19.9
1.9	5.2	19.3
2.0	2.5	18.8
2.1	-0.1	18.2
2.2	-2.1	17.7
2.3	-2.3	17.3
2.4	-1.0	16.8
2.5	0.3	16.4
2.6	0.9	15.9
2.7	0.8	15.5
2.8	0.0	15.1
2.9	-1.3	14.7
3.0	-3.9	14.4
3.1	-7.9	14.0
3.2	-11.4	13.7
3.3	-8.8	13.3
3.4	-5.4	13.0
3.5	-2.9	12.7
3.6	-1.7	12.4
3.7	-1.2	12.1
3.8	-1.2	11.8
3.9	-1.9	11.5
4.0	-3.1	11.3

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-138.0	-15.0	-14.0
-137.0	-16.8	-14.0
-136.0	-16.2	-14.0
-135.0	-16.4	-14.0
-134.0	-16.7	-14.0
-133.0	-16.9	-14.0
-132.0	-17.1	-14.0
-131.0	-17.6	-14.0
-130.0	-15.2	-14.0
-129.0	-14.0	-14.0
-128.0	-13.0	-14.0
-127.0	-13.2	-14.0
-126.0	-13.9	-14.0
-125.0	-13.3	-14.0
-124.0	-13.5	-14.0
-123.0	-12.8	-14.0
-122.0	-12.3	-14.0
-121.0	-11.8	-14.0
-120.0	-12.9	-14.0
-119.0	-13.9	-14.0
-118.0	-17.4	-14.0
-117.0	-18.3	-14.0
-116.0	-15.5	-14.0
-115.0	-14.5	-14.0
-114.0	-17.6	-14.0
-113.0	-18.5	-14.0
-112.0	-17.3	-14.0
-111.0	-18.6	-14.0
-110.0	-19.6	-14.0
-109.0	-18.5	-14.0
-108.0	-20.6	-14.0
-107.0	-21.9	-14.0
-106.0	-18.9	-14.0
-105.0	-19.2	-14.0
-104.0	-20.5	-14.0
-103.0	-20.7	-14.0
-102.0	-21.2	-14.0
-101.0	-21.7	-14.0
-100.0	-21.6	-14.0
-99.0	-23.7	-14.0
-98.0	-27.3	-14.0
-97.0	-28.6	-14.0
-96.0	-28.6	-14.0
-95.0	-25.3	-14.0
-94.0	-23.9	-14.0
-93.0	-22.6	-14.0
-92.0	-21.7	-14.0

4.1	-4.8	11.0
4.2	-7.1	10.7
4.3	-10.5	10.5
4.4	-15.2	10.2
4.5	-21.4	10.0
4.6	-24.3	9.7
4.7	-19.1	9.5
4.8	-15.5	9.3
4.9	-12.8	9.0
5.0	-10.5	8.8
5.1	-8.4	8.6
5.2	-6.9	8.4
5.3	-5.8	8.2
5.4	-5.0	8.0
5.5	-4.6	7.8
5.6	-4.6	7.6
5.7	-4.9	7.4
5.8	-5.5	7.2
5.9	-6.6	7.0
6.0	-8.0	6.8
6.1	-9.5	6.7
6.2	-10.9	6.5
6.3	-12.1	6.3
6.4	-12.5	6.1
6.5	-12.5	6.0
6.6	-12.4	5.8
6.7	-12.5	5.6
6.8	-12.9	5.5
6.9	-13.7	5.3
7.0	-14.7	5.2
7.1	-15.7	5.3
7.2	-16.0	5.3
7.3	-15.3	5.3
7.4	-14.1	5.3
7.5	-12.7	5.3
7.6	-11.3	5.3
7.7	-10.3	5.3
7.8	-9.4	5.3
7.9	-8.8	5.3
8.0	-8.4	5.3
8.1	-8.2	5.3
8.2	-8.3	5.3
8.3	-8.7	5.3
8.4	-9.3	5.3
8.5	-10.1	5.3
8.6	-11.1	5.3
8.7	-12.2	5.3

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-91.0	-21.4	-14.0
-90.0	-21.8	-14.0
-89.0	-24.7	-14.0
-88.0	-26.2	-14.0
-87.0	-26.6	-14.0
-86.0	-26.2	-14.0
-85.0	-23.5	-14.0
-84.0	-27.9	-14.0
-83.0	-37.8	-14.0
-82.0	-42.3	-14.0
-81.0	-38.5	-14.0
-80.0	-39.9	-14.0
-79.0	-30.3	-14.0
-78.0	-32.2	-14.0
-77.0	-31.4	-14.0
-76.0	-34.6	-14.0
-75.0	-29.7	-14.0
-74.0	-27.9	-14.0
-73.0	-26.2	-14.0
-72.0	-23.9	-14.0
-71.0	-23.5	-14.0
-70.0	-27.7	-14.0
-69.0	-32.2	-14.0
-68.0	-32.3	-14.0
-67.0	-27.6	-14.0
-66.0	-37.1	-14.0
-65.0	-24.4	-14.0
-64.0	-25.4	-14.0
-63.0	-30.5	-14.0
-62.0	-30.2	-14.0
-61.0	-40.9	-14.0
-60.0	-27.3	-14.0
-59.0	-21.0	-14.0
-58.0	-20.8	-14.0
-57.0	-23.4	-14.0
-56.0	-24.2	-14.0
-55.0	-30.9	-14.0
-54.0	-26.5	-14.0
-53.0	-27.8	-14.0
-52.0	-24.8	-14.0
-51.0	-21.4	-14.0
-50.0	-24.7	-14.0
-49.0	-27.7	-14.0
-48.0	-20.4	-12.7
-47.0	-21.3	-12.5
-46.0	-29.6	-12.3
-45.0	-27.4	-12.0

8.8	-13.2	5.3
8.9	-13.7	5.3
9.0	-13.9	5.3
9.1	-14.0	5.3
9.2	-14.2	5.3
9.3	-14.7	5.1
9.4	-15.7	5.0
9.5	-17.4	4.9
9.6	-19.5	4.7
9.7	-21.8	4.6
9.8	-21.2	4.5
9.9	-18.7	4.4
10.0	-16.2	4.3
11.0	-15.6	3.3
12.0	-16.6	2.3
13.0	-24.7	1.5
14.0	-29.8	0.6
15.0	-20.1	-0.1
16.0	-17.8	-0.8
17.0	-20.8	-1.5
18.0	-20.5	-2.1
19.0	-21.9	-2.7
20.0	-24.8	-3.2
21.0	-34.4	-3.8
22.0	-28.6	-4.3
23.0	-28.8	-4.7
24.0	-28.8	-5.2
25.0	-26.2	-5.6
26.0	-25.0	-6.1
27.0	-22.5	-6.5
28.0	-22.5	-6.9
29.0	-23.5	-7.3
30.0	-23.4	-7.6
31.0	-21.6	-8.0
32.0	-20.3	-8.3
33.0	-21.1	-8.7
34.0	-23.0	-9.0
35.0	-27.0	-9.3
36.0	-31.8	-9.6
37.0	-36.0	-9.9
38.0	-29.0	-10.2
39.0	-26.0	-10.5
40.0	-20.0	-10.7
41.0	-20.0	-11.0
42.0	-18.2	-11.3
43.0	-21.9	-11.5
44.0	-23.0	-11.8

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-44.0	-33.5	-11.8
-43.0	-29.5	-11.5
-42.0	-25.5	-11.3
-41.0	-22.5	-11.0
-40.0	-27.6	-10.7
-39.0	-28.4	-10.5
-38.0	-22.8	-10.2
-37.0	-21.9	-9.9
-36.0	-22.2	-9.6
-35.0	-19.4	-9.3
-34.0	-21.4	-9.0
-33.0	-18.7	-8.7
-32.0	-19.9	-8.3
-31.0	-21.9	-8.0
-30.0	-21.5	-7.6
-29.0	-23.7	-7.3
-28.0	-30.3	-6.9
-27.0	-24.0	-6.5
-26.0	-23.9	-6.1
-25.0	-28.0	-5.6
-24.0	-23.4	-5.2
-23.0	-26.8	-4.7
-22.0	-26.9	-4.3
-21.0	-36.7	-3.8
-20.0	-31.1	-3.2
-19.0	-18.1	-2.7
-18.0	-17.5	-2.1
-17.0	-20.6	-1.5
-16.0	-19.5	-0.8
-15.0	-23.9	-0.1
-14.0	-21.8	0.6
-13.0	-13.7	1.5
-12.0	-15.2	2.3
-11.0	-13.2	3.3
-10.0	-14.6	4.3
-9.9	-14.4	4.4
-9.8	-14.2	4.5
-9.7	-14.1	4.6
-9.6	-14.2	4.7
-9.5	-14.4	4.9
-9.4	-15.0	5.0
-9.3	-16.1	5.1
-9.2	-17.9	5.3
-9.1	-20.6	5.3
-9.0	-24.5	5.3
-8.9	-27.0	5.3
-8.8	-23.0	5.3

45.0	-22.0	-12.0
46.0	-22.7	-12.3
47.0	-24.9	-12.5
48.0	-29.5	-12.7
49.0	-22.3	-14.0
50.0	-24.9	-14.0
51.0	-28.6	-14.0
52.0	-21.8	-14.0
53.0	-22.2	-14.0
54.0	-23.5	-14.0
55.0	-22.3	-14.0
56.0	-26.9	-14.0
57.0	-43.0	-14.0
58.0	-24.2	-14.0
59.0	-22.1	-14.0
60.0	-39.8	-14.0
61.0	-31.9	-14.0
62.0	-34.5	-14.0
63.0	-29.5	-14.0
64.0	-23.3	-14.0
65.0	-29.4	-14.0
66.0	-30.8	-14.0
67.0	-28.4	-14.0
68.0	-30.2	-14.0
69.0	-29.4	-14.0
70.0	-33.8	-14.0
71.0	-29.3	-14.0
72.0	-22.0	-14.0
73.0	-23.9	-14.0
74.0	-26.1	-14.0
75.0	-32.1	-14.0
76.0	-33.5	-14.0
77.0	-28.1	-14.0
78.0	-27.0	-14.0
79.0	-32.7	-14.0
80.0	-33.5	-14.0
81.0	-27.9	-14.0
82.0	-32.0	-14.0
83.0	-36.5	-14.0
84.0	-44.1	-14.0
85.0	-27.0	-14.0
86.0	-26.1	-14.0
87.0	-28.7	-14.0
88.0	-27.7	-14.0
89.0	-25.8	-14.0
90.0	-28.7	-14.0
91.0	-27.8	-14.0

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-8.7	-19.4	5.3
-8.6	-17.2	5.3
-8.5	-16.0	5.3
-8.4	-15.5	5.3
-8.3	-15.7	5.3
-8.2	-16.5	5.3
-8.1	-17.9	5.3
-8.0	-19.9	5.3
-7.9	-21.0	5.3
-7.8	-20.2	5.3
-7.7	-18.0	5.3
-7.6	-16.2	5.3
-7.5	-15.1	5.3
-7.4	-14.5	5.3
-7.3	-14.5	5.3
-7.2	-14.7	5.3
-7.1	-15.5	5.3
-7.0	-16.6	5.2
-6.9	-17.9	5.3
-6.8	-19.2	5.5
-6.7	-21.0	5.6
-6.6	-22.9	5.8
-6.5	-24.4	6.0
-6.4	-23.1	6.1
-6.3	-19.5	6.3
-6.2	-16.1	6.5
-6.1	-13.3	6.7
-6.0	-11.2	6.8
-5.9	-9.5	7.0
-5.8	-8.4	7.2
-5.7	-7.9	7.4
-5.6	-7.9	7.6
-5.5	-8.5	7.8
-5.4	-9.6	8.0
-5.3	-11.4	8.2
-5.2	-14.0	8.4
-5.1	-17.4	8.6
-5.0	-17.9	8.8
-4.9	-15.7	9.0
-4.8	-13.8	9.3
-4.7	-12.9	9.5
-4.6	-13.5	9.7
-4.5	-15.6	10.0
-4.4	-20.4	10.2
-4.3	-20.5	10.5
-4.2	-14.3	10.7
-4.1	-9.7	11.0

92.0	-26.7	-14.0
93.0	-23.6	-14.0
94.0	-22.5	-14.0
95.0	-21.9	-14.0
96.0	-23.3	-14.0
97.0	-23.3	-14.0
98.0	-24.0	-14.0
99.0	-23.9	-14.0
100.0	-27.9	-14.0
101.0	-25.4	-14.0
102.0	-20.3	-14.0
103.0	-18.7	-14.0
104.0	-18.4	-14.0
105.0	-16.6	-14.0
106.0	-16.7	-14.0
107.0	-16.7	-14.0
108.0	-16.7	-14.0
109.0	-16.2	-14.0
110.0	-18.3	-14.0
111.0	-18.6	-14.0
112.0	-16.7	-14.0
113.0	-16.1	-14.0
114.0	-16.5	-14.0
115.0	-16.3	-14.0
116.0	-15.9	-14.0
117.0	-14.7	-14.0
118.0	-15.1	-14.0
119.0	-15.9	-14.0
120.0	-16.4	-14.0
121.0	-15.5	-14.0
122.0	-16.5	-14.0
123.0	-17.3	-14.0
124.0	-16.3	-14.0
125.0	-15.9	-14.0
126.0	-16.5	-14.0
127.0	-16.4	-14.0
128.0	-15.3	-14.0
129.0	-16.0	-14.0
130.0	-16.2	-14.0
131.0	-16.4	-14.0
132.0	-15.7	-14.0
133.0	-15.8	-14.0
134.0	-16.4	-14.0
135.0	-15.6	-14.0
136.0	-16.1	-14.0
137.0	-16.0	-14.0
138.0	-16.1	-14.0

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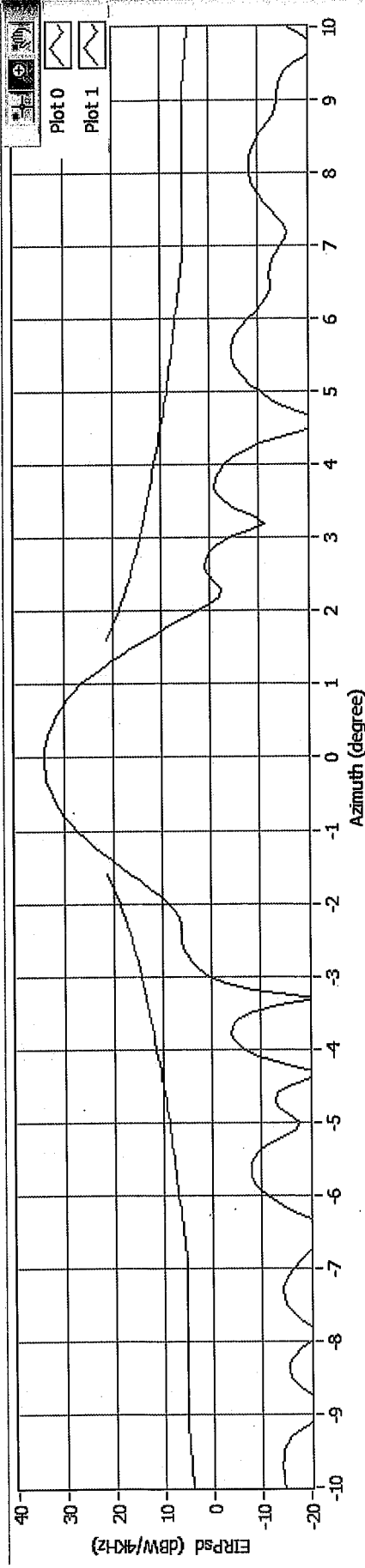
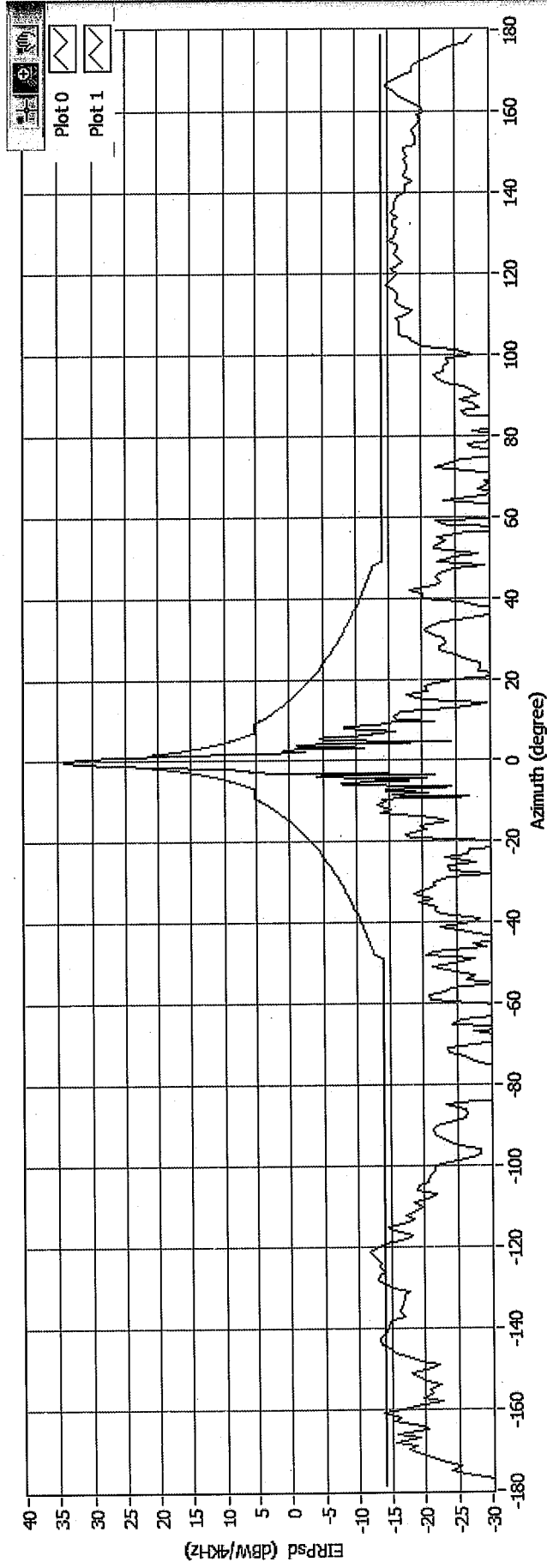
-4.0	-6.7	11.3
-3.9	-5.0	11.5
-3.8	-4.1	11.8
-3.7	-4.2	12.1
-3.6	-5.2	12.4
-3.5	-7.6	12.7
-3.4	-13.6	13.0
-3.3	-21.8	13.3
-3.2	-8.6	13.7
-3.1	-3.1	14.0
-3.0	0.4	14.4
-2.9	2.7	14.7
-2.8	4.2	15.1
-2.7	5.1	15.5
-2.6	5.7	15.9
-2.5	5.9	16.4
-2.4	6.1	16.8
-2.3	6.1	17.3
-2.2	6.4	17.7
-2.1	7.2	18.2
-2.0	8.6	18.8
-1.9	10.4	19.3
-1.8	12.3	19.9
-1.7	14.3	20.5
-1.6	16.5	21.2
-1.5	18.4	
-1.4	20.5	
-1.3	22.4	
-1.2	24.2	
-1.1	25.8	
-1.0	27.3	
-0.9	28.7	
-0.8	29.9	
-0.7	30.9	
-0.6	31.8	
-0.5	32.4	
-0.4	33.0	
-0.3	33.5	
-0.2	33.8	
-0.1	34.0	

139.0	-16.4	-14.0
140.0	-17.6	-14.0
141.0	-17.6	-14.0
142.0	-17.7	-14.0
143.0	-18.6	-14.0
144.0	-17.6	-14.0
145.0	-17.7	-14.0
146.0	-18.0	-14.0
147.0	-17.9	-14.0
148.0	-17.4	-14.0
149.0	-18.0	-14.0
150.0	-17.3	-14.0
151.0	-17.5	-14.0
152.0	-19.3	-14.0
153.0	-19.3	-14.0
154.0	-19.2	-14.0
155.0	-18.6	-14.0
156.0	-18.8	-14.0
157.0	-19.8	-14.0
158.0	-19.8	-14.0
159.0	-19.5	-14.0
160.0	-20.5	-14.0
161.0	-20.2	-14.0
162.0	-18.8	-14.0
163.0	-17.8	-14.0
164.0	-16.3	-14.0
165.0	-15.9	-14.0
166.0	-14.7	-14.0
167.0	-15.1	-14.0
168.0	-16.3	-14.0
169.0	-17.1	-14.0
170.0	-18.6	-14.0
171.0	-18.6	-14.0
172.0	-19.2	-14.0
173.0	-20.9	-14.0
174.0	-22.1	-14.0
175.0	-23.0	-14.0
176.0	-24.3	-14.0
177.0	-27.1	-14.0
178.0	-27.2	-14.0
179.0	-27.8	-14.0

(A)

2

6040 MHz Azimuth VV Pin=-7.0 (dBW/4KHz) Radome Loss 0.25dB



Source File	Freq(MHz)	Scan	Pol	EIRPsd	Over%	a=	a~7	7~9.2	9.2~48	48~180
M:\TestData\ DataBase\9797_2006_LoopCanyon_FCC\6040_AZ_VV.sea	6040	AZ	VV	34.05	4.02	1.50	0.00	0.00	0.00	2.18

(03)

3

Cobham SATCOM, SeaTel Products

2.4m (Offset) EIRPsd Data Table

Elevation Co-Pol 6.04GHz @ -7dBW/4KHz Radome Loss 0.25dB

Angle	EIRPsd	Mask
Degrees	dBW/4KHz	dBW/4KHz
0.0	34.1	
0.1	34.0	
0.2	33.9	
0.3	33.6	
0.4	33.3	
0.5	32.9	
0.6	32.3	
0.7	31.7	
0.8	30.9	
0.9	30.1	
1.0	29.1	
1.1	28.0	
1.2	26.7	
1.3	25.3	
1.4	23.9	
1.5	22.0	
1.6	20.1	21.2
1.7	18.7	20.5
1.8	17.2	19.9
1.9	16.4	19.3
2.0	15.9	18.8
2.1	15.7	18.2
2.2	15.5	17.7
2.3	15.2	17.3
2.4	14.8	16.8
2.5	14.1	16.4
2.6	12.9	15.9
2.7	11.5	15.5
2.8	9.4	15.1
2.9	7.2	14.7
3.0	3.3	14.4
3.1	-1.2	14.0
3.2	-2.0	13.7
3.3	1.9	13.3
3.4	4.3	13.0
3.5	6.2	12.7
3.6	7.5	12.4
3.7	7.9	12.1
3.8	8.1	11.8
3.9	7.8	11.5
4.0	7.3	11.3

(B)

3

4.1	6.1	11.0
4.2	4.5	10.7
4.3	2.8	10.5
4.4	0.3	10.2
4.5	-2.3	10.0
4.6	-3.1	9.7
4.7	-1.7	9.5
4.8	0.5	9.3
4.9	2.1	9.0
5.0	3.3	8.8
5.1	4.0	8.6
5.2	4.3	8.4
5.3	4.3	8.2
5.4	4.0	8.0
5.5	3.3	7.8
5.6	2.2	7.6
5.7	0.7	7.4
5.8	-1.2	7.2
5.9	-3.5	7.0
6.0	-6.0	6.8
6.1	-6.7	6.7
6.2	-5.4	6.5
6.3	-3.4	6.3
6.4	-2.1	6.1
6.5	-1.0	6.0
6.6	-0.4	5.8
6.7	-0.3	5.6
6.8	-0.5	5.5
6.9	-1.0	5.3
7.0	-2.0	5.2
7.1	-3.8	5.3
7.2	-5.7	5.3
7.3	-9.4	5.3
7.4	-16.4	5.3
7.5	-24.3	5.3
7.6	-13.8	5.3
7.7	-9.5	5.3
7.8	-6.6	5.3
7.9	-5.0	5.3
8.0	-4.1	5.3
8.1	-3.5	5.3
8.2	-3.4	5.3
8.3	-3.7	5.3
8.4	-4.5	5.3
8.5	-5.5	5.3
8.6	-6.8	5.3
8.7	-8.1	5.3

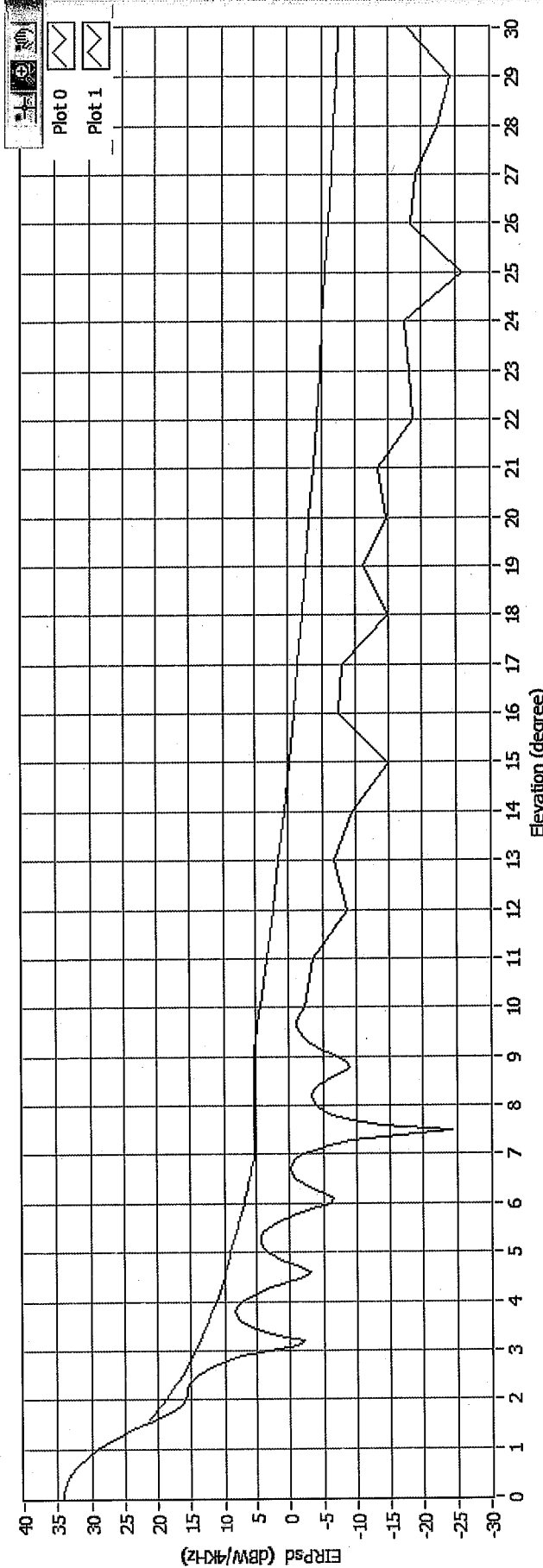
(B)

3

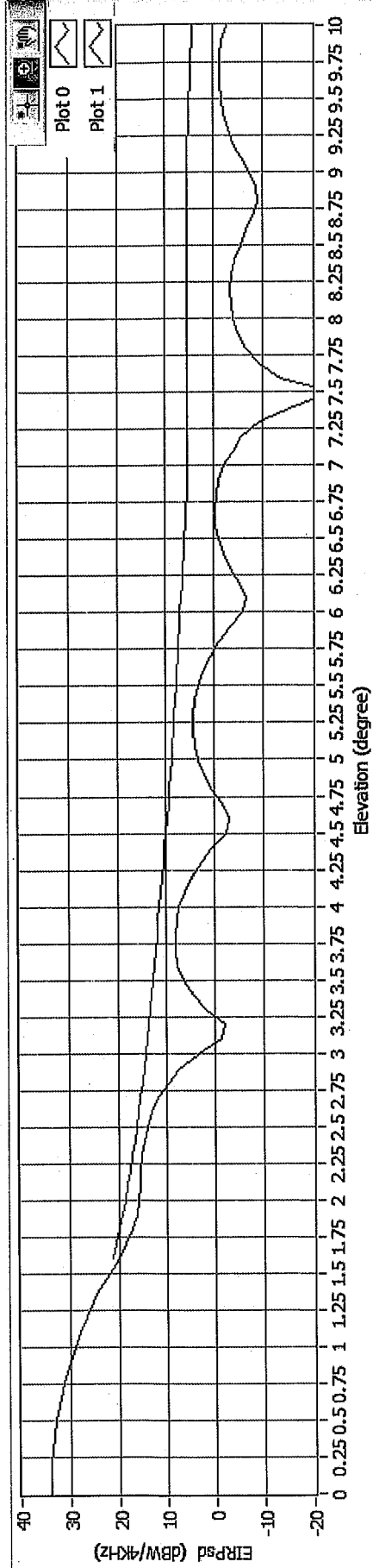
8.8	-9.0	5.3
8.9	-8.6	5.3
9.0	-7.2	5.3
9.1	-5.6	5.3
9.2	-4.1	5.3
9.3	-3.0	5.1
9.4	-2.1	5.0
9.5	-1.5	4.9
9.6	-1.2	4.7
9.7	-1.2	4.6
9.8	-1.4	4.5
9.9	-1.8	4.4
10.0	-2.5	4.3
11.0	-3.5	3.3
12.0	-8.8	2.3
13.0	-6.7	1.5
14.0	-9.6	0.6
15.0	-14.9	-0.1
16.0	-7.5	-0.8
17.0	-8.0	-1.5
18.0	-14.9	-2.1
19.0	-11.3	-2.7
20.0	-14.8	-3.2
21.0	-13.5	-3.8
22.0	-18.8	-4.3
23.0	-18.1	-4.7
24.0	-17.5	-5.2
25.0	-26.1	-5.6
26.0	-18.5	-6.1
27.0	-19.0	-6.5
28.0	-22.4	-6.9
29.0	-24.4	-7.3
30.0	-18.0	-7.6

(B)

6040 MHz Elevation HH Pin=-7.0 (dBW/4KHz) Radome Loss 0.25dB



3



Source File	Freq(MHz)	Scan	Pol	EIRPsd	Over%	a=	a~7	7~9.2	9.2~48	48~180
M:\TestData\ DataBase\9797_2006_LoopCanyon_FCC\6040_EL_HH.sea	6040	EL	HH	34.05	11.58	1.50	0.00	0.00	0.00	9.07

10

4

Cobham SATCOM, SeaTel Products

2.4m (Offset) EIRPsd Data Table

Azimuth X-Pol 6.04GHz @ -7dBW/4KHz Radome Loss 0.25dB

Angle Degrees	EIRPsd dBW/4KHz	Mask dBW/4KHz
-10.0	-24.4	
-9.9	-23.9	
-9.8	-23.9	
-9.7	-24.6	
-9.6	-25.6	
-9.5	-26.8	
-9.4	-27.7	
-9.3	-27.0	
-9.2	-25.6	
-9.1	-24.1	-4.7
-9.0	-23.1	-4.7
-8.9	-22.7	-4.7
-8.8	-22.8	-4.7
-8.7	-23.6	-4.7
-8.6	-25.2	-4.7
-8.5	-27.9	-4.7
-8.4	-31.9	-4.7
-8.3	-34.9	-4.7
-8.2	-31.5	-4.7
-8.1	-27.8	-4.7
-8.0	-25.3	-4.7
-7.9	-24.1	-4.7
-7.8	-23.3	-4.7
-7.7	-22.7	-4.7
-7.6	-22.0	-4.7
-7.5	-20.8	-4.7
-7.4	-19.4	-4.7
-7.3	-18.1	-4.7
-7.2	-17.0	-4.7
-7.1	-16.2	-4.7
-7.0	-15.8	-4.7
-6.9	-15.9	-4.7
-6.8	-16.5	-4.6
-6.7	-17.6	-4.4
-6.6	-19.3	-4.2
-6.5	-22.1	-4.1
-6.4	-25.4	-3.9
-6.3	-26.8	-3.7
-6.2	-24.5	-3.6
-6.1	-22.1	-3.4
-6.0	-20.5	-3.2

Angle Degrees	EIRPsd dBW/4KHz	Mask dBW/4KHz
0.0	-2.4	
0.1	3.2	
0.2	7.4	
0.3	10.3	
0.4	12.3	
0.5	13.6	
0.6	14.6	
0.7	15.1	
0.8	15.4	
0.9	15.4	
1.0	15.1	
1.1	14.6	
1.2	13.8	
1.3	12.7	
1.4	11.4	
1.5	9.7	
1.6	7.7	
1.7	5.5	
1.8	2.8	
1.9	-0.2	9.5
2.0	-3.0	8.9
2.1	-5.4	8.4
2.2	-6.4	7.9
2.3	-7.2	7.4
2.4	-8.3	6.9
2.5	-10.1	6.5
2.6	-13.1	6.0
2.7	-16.6	5.6
2.8	-16.3	5.2
2.9	-13.4	4.8
3.0	-11.0	4.5
3.1	-9.7	4.1
3.2	-9.2	3.8
3.3	-9.6	3.4
3.4	-10.7	3.1
3.5	-12.4	2.8
3.6	-14.7	2.5
3.7	-16.4	2.2
3.8	-15.7	1.9
3.9	-13.8	1.6
4.0	-12.2	1.3

(C)

4

-5.9	-19.9	-3.0
-5.8	-19.9	-2.8
-5.7	-20.3	-2.6
-5.6	-20.6	-2.5
-5.5	-20.2	-2.3
-5.4	-18.9	-2.1
-5.3	-17.4	-1.9
-5.2	-16.2	-1.7
-5.1	-15.5	-1.4
-5.0	-15.5	-1.2
-4.9	-16.2	-1.0
-4.8	-18.0	-0.8
-4.7	-21.1	-0.6
-4.6	-28.0	-0.3
-4.5	-28.7	-0.1
-4.4	-21.3	0.2
-4.3	-17.3	0.4
-4.2	-15.0	0.7
-4.1	-13.8	0.9
-4.0	-13.6	1.2
-3.9	-14.5	1.5
-3.8	-16.7	1.7
-3.7	-21.7	2.0
-3.6	-30.4	2.3
-3.5	-19.1	2.6
-3.4	-13.7	2.9
-3.3	-10.3	3.3
-3.2	-8.2	3.6
-3.1	-6.9	3.9
-3.0	-6.2	4.3
-2.9	-6.0	4.6
-2.8	-6.3	5.0
-2.7	-7.0	5.4
-2.6	-8.0	5.8
-2.5	-9.0	6.2
-2.4	-9.6	6.7
-2.3	-9.4	7.1
-2.2	-8.7	7.6
-2.1	-7.6	8.1
-2.0	-6.2	8.6
-1.9	-4.2	9.2
-1.8	-1.9	9.8
-1.7	0.8	
-1.6	3.4	
-1.5	5.6	
-1.4	7.5	
-1.3	9.1	

4.1	-11.1	1.0
4.2	-10.7	0.8
4.3	-10.7	0.5
4.4	-11.3	0.3
4.5	-12.1	0.0
4.6	-13.2	-0.2
4.7	-14.4	-0.4
4.8	-15.4	-0.7
4.9	-16.0	-0.9
5.0	-16.3	-1.1
5.1	-16.4	-1.3
5.2	-16.3	-1.5
5.3	-16.2	-1.8
5.4	-16.0	-2.0
5.5	-15.6	-2.2
5.6	-15.1	-2.4
5.7	-14.5	-2.5
5.8	-14.2	-2.7
5.9	-14.1	-2.9
6.0	-14.3	-3.1
6.1	-15.0	-3.3
6.2	-16.2	-3.5
6.3	-18.2	-3.6
6.4	-20.8	-3.8
6.5	-23.7	-4.0
6.6	-23.8	-4.1
6.7	-21.3	-4.3
6.8	-19.1	-4.5
6.9	-17.5	-4.6
7.0	-16.7	-4.8
7.1	-16.5	-4.7
7.2	-16.8	-4.7
7.3	-17.5	-4.7
7.4	-18.4	-4.7
7.5	-19.5	-4.7
7.6	-20.2	-4.7
7.7	-20.2	-4.7
7.8	-19.9	-4.7
7.9	-19.6	-4.7
8.0	-19.5	-4.7
8.1	-19.9	-4.7
8.2	-20.7	-4.7
8.3	-22.2	-4.7
8.4	-24.5	-4.7
8.5	-27.2	-4.7
8.6	-30.2	-4.7
8.7	-30.7	-4.7

(C)

4

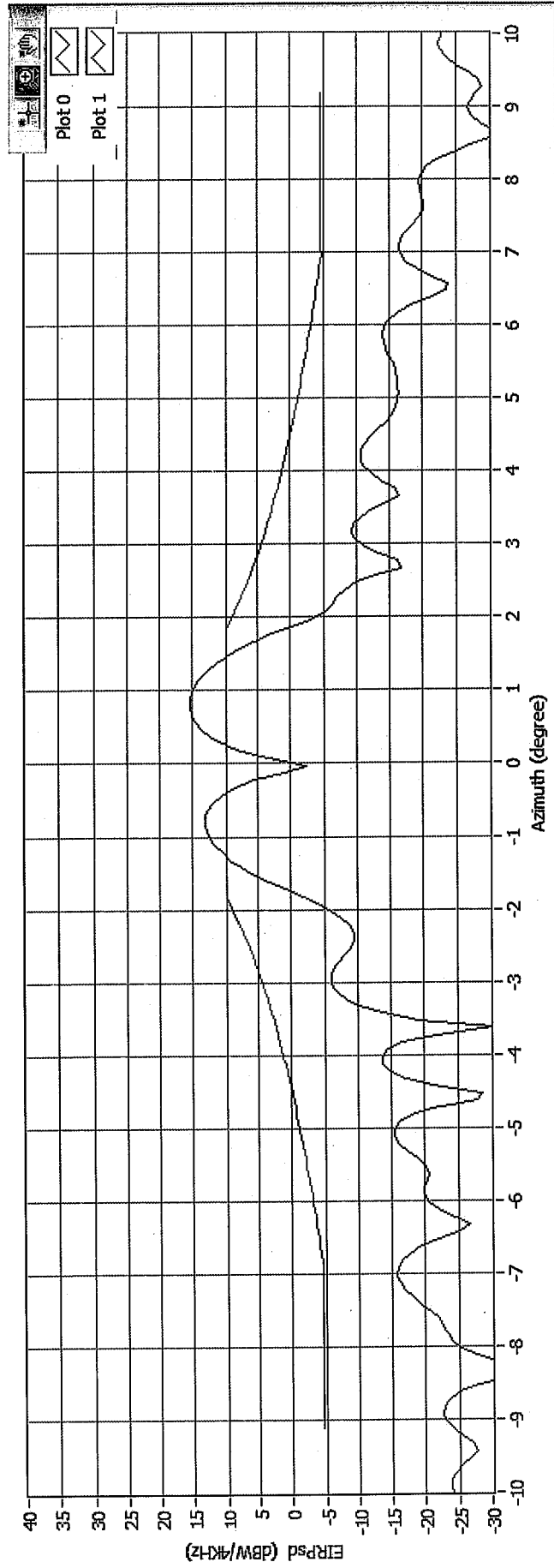
-1.2	10.5	
-1.1	11.5	
-1.0	12.4	
-0.9	12.9	
-0.8	13.1	
-0.7	13.0	
-0.6	12.6	
-0.5	11.9	
-0.4	10.5	
-0.3	8.6	
-0.2	5.4	
-0.1	0.8	

8.8	-28.8	-4.7
8.9	-27.6	-4.7
9.0	-26.9	-4.7
9.1	-27.3	-4.7
9.2	-28.1	-4.7
9.3	-29.1	
9.4	-28.6	
9.5	-27.2	
9.6	-25.2	
9.7	-23.6	
9.8	-22.8	
9.9	-22.5	
10.0	-22.7	

(C)

4

6040 MHz Azimuth HV Pin=-7.0 (dBW/4KHz) Radome Loss 0.25dB



Source File	Freq(MHz)	Scan	Pol	EIRPsd	Over%	a=	a~7	7~9.2
M:\TestData\ DataBase\9797_2006_LoopCanyon_FCC\6040_AZ_HV.sea	6040	AZ	HV	15.40	0.00	1.80	0.00	0.00