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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Co Pol Azimuth, -10 to +10 Degrees @ 0.1deg (A)

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
-10.0	-24.4	-7.1
-9.9	-20.2	-6.9
-9.8	-19.5	-6.8
-9.7	-17.7	-6.7
-9.6	-18.0	-6.6
-9.5	-15.5	-6.5
-9.4	-15.9	-6.4
-9.3	-15.8	-6.3
-9.2	-15.1	-6.2
-9.1	-15.1	-6.0
-9.0	-15.8	-6.0
-8.9	-17.9	-6.0
-8.8	-17.2	-6.0
-8.7	-15.1	-6.0
-8.6	-15.6	-6.0
-8.5	-15.5	-6.0
-8.4	-17.9	-6.0
-8.3	-22.4	-6.0
-8.2	-22.0	-6.0
-8.1	-17.2	-6.0
-8.0	-14.5	-6.0
-7.9	-12.7	-6.0
-7.8	-11.7	-6.0
-7.7	-12.8	-6.0
-7.6	-15.6	-6.0
-7.5	-18.1	-6.0
-7.4	-13.8	-6.0
-7.3	-10.5	-6.0
-7.2	-8.6	-6.0
-7.1	-8.2	-6.0
-7.0	-9.4	-6.0
-6.9	-10.6	-6.0
-6.8	-13.6	-5.9
-6.7	-18.2	-5.7
-6.6	-28.5	-5.6
-6.5	-17.9	-5.4
-6.4	-12.6	-5.2
-6.3	-10.7	-5.1
-6.2	-10.6	-4.9
-6.1	-12.2	-4.7
-6.0	-13.7	-4.5
-5.9	-12.7	-4.4
-5.8	-10.3	-4.2
-5.7	-8.8	-4.0
-5.6	-7.1	-3.8
-5.5	-6.0	-3.6
-5.4	-5.6	-3.4
-5.3	-7.5	-3.2
-5.2	-10.5	-3.0
-5.1	-15.3	-2.8
-5.0	-29.6	-2.6
-4.9	-22.3	-2.4
-4.8	-22.2	-2.1
-4.7	-14.9	-1.9
-4.6	-10.2	-1.7
-4.5	-7.4	-1.5
-4.4	-6.4	-1.2

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	33.3	
0.1	33.7	
0.2	33.5	
0.3	32.8	
0.4	31.5	
0.5	30.0	
0.6	28.3	
0.7	26.3	
0.8	24.1	
0.9	21.7	
1.0	18.2	
1.1	15.1	
1.2	10.0	
1.3	6.6	
1.4	2.2	
1.5	-15.5	10.7
1.6	-0.1	10.2
1.7	3.0	9.6
1.8	2.7	8.3
1.9	0.6	7.7
2.0	-1.3	7.2
2.1	-1.2	6.7
2.2	-2.3	6.2
2.3	-6.1	5.7
2.4	-18.5	5.3
2.5	-10.7	4.8
2.6	-7.5	4.4
2.7	-8.8	4.0
2.8	-11.8	3.6
2.9	-11.9	3.3
3.0	-10.4	2.9
3.1	-10.3	2.5
3.2	-9.5	2.2
3.3	-8.5	1.9
3.4	-7.0	1.6
3.5	-5.8	1.2
3.6	-6.7	0.9
3.7	-7.1	0.6
3.8	-8.9	0.4
3.9	-10.1	0.1
4.0	-10.7	-0.2
4.1	-9.6	-0.5
4.2	-8.9	-0.7
4.3	-10.3	-1.0
4.4	-15.0	-1.2
4.5	-26.1	-1.5
4.6	-17.4	-1.7
4.7	-15.6	-1.9
4.8	-15.3	-2.1
4.9	-18.8	-2.4
5.0	-24.4	-2.6
5.1	-21.0	-2.8
5.2	-25.4	-3.0
5.3	-19.1	-3.2
5.4	-15.5	-3.4
5.5	-14.0	-3.6
5.6	-14.1	-3.8

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Co Pol Azimuth, -10 to +10 Degrees @ 0.1deg (A)

-4.3	-6.6	-1.0
-4.2	-7.8	-0.7
-4.1	-8.9	-0.5
-4.0	-9.1	-0.2
-3.9	-7.8	0.1
-3.8	-6.0	0.4
-3.7	-3.8	0.6
-3.6	-2.4	0.9
-3.5	-2.4	1.2
-3.4	-2.9	1.6
-3.3	-4.1	1.9
-3.2	-4.6	2.2
-3.1	-4.5	2.5
-3.0	-3.1	2.9
-2.9	-1.1	3.3
-2.8	0.2	3.6
-2.7	0.6	4.0
-2.6	-0.3	4.4
-2.5	-1.4	4.8
-2.4	-2.3	5.3
-2.3	-3.5	5.7
-2.2	-5.0	6.2
-2.1	-2.5	6.7
-2.0	1.0	7.2
-1.9	1.9	7.7
-1.8	2.2	8.3
-1.7	2.1	8.9
-1.6	2.6	9.6
-1.5	2.8	10.2
-1.4	0.4	
-1.3	-7.3	
-1.2	-1.1	
-1.1	9.4	
-1.0	11.7	
-0.9	13.4	
-0.8	17.7	
-0.7	21.9	
-0.6	24.3	
-0.5	26.5	
-0.4	28.2	
-0.3	29.5	
-0.2	31.1	
-0.1	32.3	
0.0	33.3	

5.7	-15.6	-4.0
5.8	-16.8	-4.2
5.9	-16.6	-4.4
6.0	-17.4	-4.5
6.1	-20.4	-4.7
6.2	-25.9	-4.9
6.3	-35.2	-5.1
6.4	-44.9	-5.2
6.5	-28.6	-5.4
6.6	-23.7	-5.6
6.7	-20.5	-5.7
6.8	-15.8	-5.9
6.9	-11.9	-6.0
7.0	-9.6	-6.0
7.1	-9.2	-6.0
7.2	-9.8	-6.0
7.3	-13.3	-6.0
7.4	-20.8	-6.0
7.5	-20.7	-6.0
7.6	-16.1	-6.0
7.7	-13.9	-6.0
7.8	-13.6	-6.0
7.9	-14.1	-6.0
8.0	-15.7	-6.0
8.1	-18.2	-6.0
8.2	-20.1	-6.0
8.3	-17.3	-6.0
8.4	-13.9	-6.0
8.5	-13.9	-6.0
8.6	-14.9	-6.0
8.7	-18.7	-6.0
8.8	-21.6	-6.0
8.9	-19.8	-6.0
9.0	-15.2	-6.0
9.1	-13.0	-6.0
9.2	-11.8	-6.2
9.3	-11.4	-6.3
9.4	-12.0	-6.4
9.5	-12.6	-6.5
9.6	-13.4	-6.6
9.7	-13.1	-6.7
9.8	-13.8	-6.8
9.9	-14.4	-6.9
10.0	-15.0	-7.1

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Co Pol Azimuth, -180 to +180 Degrees @ 1.0 deg (A)

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
-179.0	-32.3	-14.0
-178.0	-34.3	-14.0
-177.0	-31.7	-14.0
-176.0	-29.1	-14.0
-175.0	-30.2	-14.0
-174.0	-37.0	-14.0
-173.0	-31.1	-14.0
-172.0	-32.9	-14.0
-171.0	-29.5	-14.0
-170.0	-31.8	-14.0
-169.0	-36.2	-14.0
-168.0	-32.7	-14.0
-167.0	-32.1	-14.0
-166.0	-30.7	-14.0
-165.0	-33.9	-14.0
-164.0	-39.2	-14.0
-163.0	-42.2	-14.0
-162.0	-30.7	-14.0
-161.0	-30.2	-14.0
-160.0	-31.2	-14.0
-159.0	-35.9	-14.0
-158.0	-27.1	-14.0
-157.0	-31.4	-14.0
-156.0	-36.2	-14.0
-155.0	-38.3	-14.0
-154.0	-27.9	-14.0
-153.0	-48.5	-14.0
-152.0	-30.5	-14.0
-151.0	-34.0	-14.0
-150.0	-34.1	-14.0
-149.0	-30.5	-14.0
-148.0	-32.5	-14.0
-147.0	-42.2	-14.0
-146.0	-31.9	-14.0
-145.0	-29.8	-14.0
-144.0	-42.7	-14.0
-143.0	-30.1	-14.0
-142.0	-36.4	-14.0
-141.0	-38.1	-14.0
-140.0	-27.8	-14.0
-139.0	-31.8	-14.0
-138.0	-32.3	-14.0
-137.0	-31.0	-14.0
-136.0	-33.1	-14.0
-135.0	-31.4	-14.0
-134.0	-28.2	-14.0
-133.0	-34.5	-14.0
-132.0	-32.3	-14.0
-131.0	-31.5	-14.0
-130.0	-32.1	-14.0
-129.0	-27.3	-14.0
-128.0	-28.8	-14.0
-127.0	-32.1	-14.0
-126.0	-30.9	-14.0
-125.0	-30.9	-14.0
-124.0	-33.8	-14.0
-123.0	-33.5	-14.0
-122.0	-33.3	-14.0

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	33.6	
1.0	15.9	
2.0	-1.3	7.5
3.0	-10.0	3.1
4.0	-9.7	-0.1
5.0	-21.9	-2.5
6.0	-19.6	-4.5
7.0	-9.1	-6.0
8.0	-17.1	-6.0
9.0	-13.5	-6.0
10.0	-15.0	-7.0
11.0	-17.3	-8.0
12.0	-19.4	-9.0
13.0	-20.2	-9.8
14.0	-32.9	-10.7
15.0	-20.1	-11.4
16.0	-23.4	-12.1
17.0	-28.0	-12.8
18.0	-21.3	-13.4
19.0	-25.7	-14.0
20.0	-22.0	-14.5
21.0	-40.2	-15.1
22.0	-24.2	-15.6
23.0	-20.9	-16.0
24.0	-20.7	-16.5
25.0	-28.6	-16.9
26.0	-20.8	-17.4
27.0	-39.8	-17.8
28.0	-23.0	-18.2
29.0	-20.6	-18.6
30.0	-35.2	-18.9
31.0	-30.9	-19.3
32.0	-25.2	-19.6
33.0	-21.2	-20.0
34.0	-30.8	-20.3
35.0	-28.3	-20.6
36.0	-19.5	-20.9
37.0	-23.5	-21.2
38.0	-31.9	-21.5
39.0	-24.7	-21.8
40.0	-39.5	-22.1
41.0	-24.3	-22.3
42.0	-32.2	-22.6
43.0	-29.1	-22.8
44.0	-23.7	-23.1
45.0	-30.4	-23.3
46.0	-31.2	-23.6
47.0	-27.3	-23.8
48.0	-35.3	-24.0
49.0	-28.8	-24.0
50.0	-25.3	-24.0
51.0	-31.0	-24.0
52.0	-27.1	-24.0
53.0	-33.8	-24.0
54.0	-32.9	-24.0
55.0	-36.6	-24.0
56.0	-32.2	-24.0
57.0	-27.6	-24.0

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Co Pol Azimuth, -180 to +180 Degrees @ 1.0 deg (A)

-121.0	-29.5	-14.0
-120.0	-33.4	-14.0
-119.0	-28.1	-14.0
-118.0	-25.9	-14.0
-117.0	-28.1	-14.0
-116.0	-36.7	-14.0
-115.0	-32.7	-14.0
-114.0	-26.6	-14.0
-113.0	-29.8	-14.0
-112.0	-30.8	-14.0
-111.0	-25.1	-14.0
-110.0	-27.2	-14.0
-109.0	-25.8	-14.0
-108.0	-33.1	-14.0
-107.0	-26.3	-14.0
-106.0	-23.1	-14.0
-105.0	-28.2	-14.0
-104.0	-19.3	-14.0
-103.0	-22.1	-14.0
-102.0	-19.6	-14.0
-101.0	-16.5	-14.0
-100.0	-19.9	-14.0
-99.0	-20.0	-14.0
-98.0	-21.0	-14.0
-97.0	-38.6	-14.0
-96.0	-23.6	-14.0
-95.0	-23.5	-14.0
-94.0	-28.6	-14.0
-93.0	-26.2	-14.0
-92.0	-26.4	-14.0
-91.0	-33.7	-14.0
-90.0	-29.7	-14.0
-89.0	-29.0	-14.0
-88.0	-34.1	-14.0
-87.0	-29.9	-14.0
-86.0	-28.0	-14.0
-85.0	-30.3	-24.0
-84.0	-26.8	-24.0
-83.0	-30.9	-24.0
-82.0	-29.7	-24.0
-81.0	-24.3	-24.0
-80.0	-29.9	-24.0
-79.0	-25.7	-24.0
-78.0	-25.8	-24.0
-77.0	-35.8	-24.0
-76.0	-29.7	-24.0
-75.0	-26.7	-24.0
-74.0	-42.9	-24.0
-73.0	-26.0	-24.0
-72.0	-30.7	-24.0
-71.0	-26.6	-24.0
-70.0	-29.4	-24.0
-69.0	-34.4	-24.0
-68.0	-31.4	-24.0
-67.0	-36.6	-24.0
-66.0	-29.9	-24.0
-65.0	-26.1	-24.0
-64.0	-31.1	-24.0
-63.0	-30.1	-24.0
-62.0	-44.3	-24.0
-61.0	-31.2	-24.0

58.0	-25.1	-24.0
59.0	-27.1	-24.0
60.0	-29.9	-24.0
61.0	-26.4	-24.0
62.0	-49.8	-24.0
63.0	-34.9	-24.0
64.0	-30.1	-24.0
65.0	-31.3	-24.0
66.0	-30.7	-24.0
67.0	-32.6	-24.0
68.0	-38.3	-24.0
69.0	-31.3	-24.0
70.0	-31.4	-24.0
71.0	-33.3	-24.0
72.0	-27.0	-24.0
73.0	-31.0	-24.0
74.0	-34.0	-24.0
75.0	-33.4	-24.0
76.0	-34.5	-24.0
77.0	-26.4	-24.0
78.0	-26.8	-24.0
79.0	-38.8	-24.0
80.0	-27.0	-24.0
81.0	-39.7	-24.0
82.0	-28.8	-24.0
83.0	-33.1	-24.0
84.0	-33.0	-24.0
85.0	-28.5	-14.0
86.0	-28.3	-14.0
87.0	-28.5	-14.0
88.0	-24.7	-14.0
89.0	-29.8	-14.0
90.0	-27.7	-14.0
91.0	-27.6	-14.0
92.0	-26.8	-14.0
93.0	-23.5	-14.0
94.0	-21.5	-14.0
95.0	-26.0	-14.0
96.0	-23.0	-14.0
97.0	-20.3	-14.0
98.0	-21.7	-14.0
99.0	-24.2	-14.0
100.0	-20.7	-14.0
101.0	-23.2	-14.0
102.0	-19.8	-14.0
103.0	-21.0	-14.0
104.0	-21.1	-14.0
105.0	-19.4	-14.0
106.0	-24.0	-14.0
107.0	-23.7	-14.0
108.0	-22.4	-14.0
109.0	-29.1	-14.0
110.0	-29.4	-14.0
111.0	-25.0	-14.0
112.0	-36.4	-14.0
113.0	-30.2	-14.0
114.0	-31.5	-14.0
115.0	-30.8	-14.0
116.0	-39.0	-14.0
117.0	-38.1	-14.0
118.0	-28.3	-14.0

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

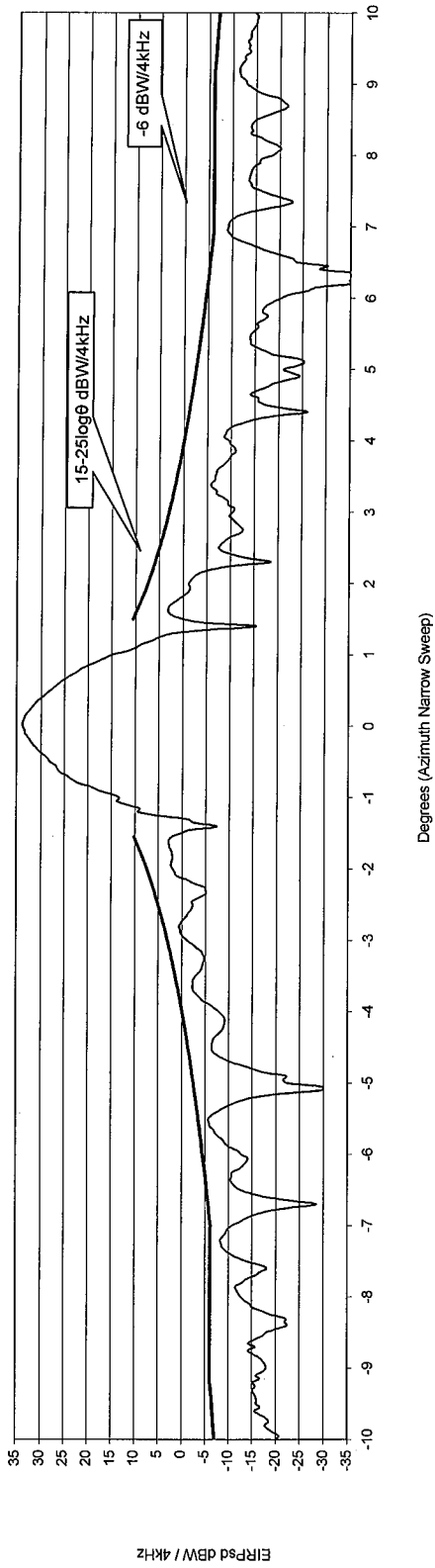
Co Pol Azimuth, -180 to +180 Degrees @ 1.0 deg (A)

-60.0	-29.0	-24.0
-59.0	-53.1	-24.0
-58.0	-28.7	-24.0
-57.0	-40.8	-24.0
-56.0	-32.3	-24.0
-55.0	-36.3	-24.0
-54.0	-30.9	-24.0
-53.0	-28.3	-24.0
-52.0	-29.7	-24.0
-51.0	-41.9	-24.0
-50.0	-35.7	-24.0
-49.0	-29.4	-24.0
-48.0	-30.9	-24.0
-47.0	-26.0	-23.8
-46.0	-27.1	-23.6
-45.0	-26.0	-23.3
-44.0	-30.1	-23.1
-43.0	-42.3	-22.8
-42.0	-29.7	-22.6
-41.0	-26.3	-22.3
-40.0	-25.9	-22.1
-39.0	-28.9	-21.8
-38.0	-29.7	-21.5
-37.0	-24.3	-21.2
-36.0	-30.5	-20.9
-35.0	-22.5	-20.6
-34.0	-23.2	-20.3
-33.0	-23.7	-20.0
-32.0	-26.1	-19.6
-31.0	-25.6	-19.3
-30.0	-25.1	-18.9
-29.0	-39.2	-18.6
-28.0	-24.0	-18.2
-27.0	-25.8	-17.8
-26.0	-32.2	-17.4
-25.0	-25.9	-16.9
-24.0	-28.5	-16.5
-23.0	-24.4	-16.0
-22.0	-29.1	-15.6
-21.0	-21.8	-15.1
-20.0	-27.1	-14.5
-19.0	-27.4	-14.0
-18.0	-25.7	-13.4
-17.0	-22.7	-12.8
-16.0	-32.4	-12.1
-15.0	-27.8	-11.4
-14.0	-23.1	-10.7
-13.0	-22.2	-9.8
-12.0	-16.0	-9.0
-11.0	-19.1	-8.0
-10.0	-21.4	-7.0
-9.0	-17.6	-6.0
-8.0	-13.0	-6.0
-7.0	-10.2	-6.1
-6.0	-13.4	-4.5
-5.0	-26.0	-2.5
-4.0	-8.2	-0.1
-3.0	-1.7	3.1
-2.0	1.7	7.5
-1.0	13.6	
0.0	33.6	

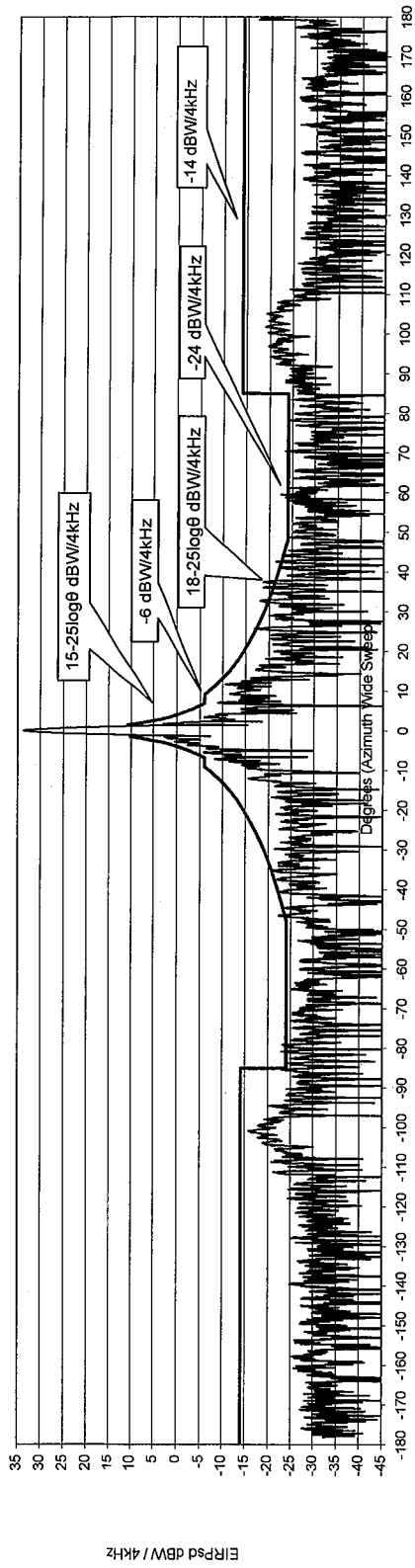
119.0	-28.9	-14.0
120.0	-39.9	-14.0
121.0	-38.3	-14.0
122.0	-33.0	-14.0
123.0	-33.1	-14.0
124.0	-28.6	-14.0
125.0	-31.4	-14.0
126.0	-34.7	-14.0
127.0	-30.5	-14.0
128.0	-29.7	-14.0
129.0	-33.7	-14.0
130.0	-34.9	-14.0
131.0	-34.1	-14.0
132.0	-29.9	-14.0
133.0	-36.1	-14.0
134.0	-44.4	-14.0
135.0	-32.4	-14.0
136.0	-36.2	-14.0
137.0	-37.3	-14.0
138.0	-40.6	-14.0
139.0	-28.3	-14.0
140.0	-32.4	-14.0
141.0	-33.3	-14.0
142.0	-31.5	-14.0
143.0	-33.1	-14.0
144.0	-44.0	-14.0
145.0	-32.5	-14.0
146.0	-28.6	-14.0
147.0	-32.9	-14.0
148.0	-40.0	-14.0
149.0	-35.6	-14.0
150.0	-35.8	-14.0
151.0	-35.1	-14.0
152.0	-33.2	-14.0
153.0	-29.8	-14.0
154.0	-41.6	-14.0
155.0	-42.1	-14.0
156.0	-44.8	-14.0
157.0	-30.6	-14.0
158.0	-36.8	-14.0
159.0	-27.8	-14.0
160.0	-28.3	-14.0
161.0	-34.5	-14.0
162.0	-29.0	-14.0
163.0	-29.3	-14.0
164.0	-29.7	-14.0
165.0	-30.7	-14.0
166.0	-40.6	-14.0
167.0	-34.1	-14.0
168.0	-38.5	-14.0
169.0	-33.8	-14.0
170.0	-38.7	-14.0
171.0	-46.6	-14.0
172.0	-34.1	-14.0
173.0	-36.0	-14.0
174.0	-34.6	-14.0
175.0	-27.3	-14.0
176.0	-32.6	-14.0
177.0	-36.7	0.0
178.0	-34.2	0.0
179.0	-31.3	0.0

Cobham SATCOM, Sea Tel Products
 2.4m Ku EIRPsd, Co-Pol, Azimuth, E-Plane (A)

14.25 GHz @ -14 dBW / 4 kHz, 0.7 dB Radome Loss



14.25 GHz @ -14 dBW / 4 kHz, 0.7 dB Radome Loss



File
 E:\Loop Canyon\AcquiredData\AZI_1425_HOR.mdb

Plot Parameters

Input sd	Gain	Cal Factor	Peak Excursions dB
-14.0	48.48	67.8	1.5° to 7° to 180°
			-2.21
			2.2

% Over
 1%

17

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Co Pol Elevation, 0 to +30 Degrees @ 0.1 / 0.5 deg (B)

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	33.8	
0.1	33.5	
0.2	32.6	
0.3	31.3	
0.4	29.4	
0.5	27.0	
0.6	24.1	
0.7	20.6	
0.8	16.6	
0.9	12.1	
1.0	7.2	
1.1	5.7	
1.2	6.4	
1.3	6.4	
1.4	4.5	
1.5	-0.6	
1.6	-11.2	
1.7	-1.6	
1.8	2.4	
1.9	3.1	
2.0	1.2	
2.1	-3.6	
2.2	-11.5	
2.3	-5.0	
2.4	-1.9	
2.5	-2.3	
2.6	-6.9	
2.7	-12.1	
2.8	-6.4	
2.9	-2.8	
3.0	-2.6	6.4
3.1	-5.7	6.1
3.2	-20.1	5.7
3.3	-7.4	5.4
3.4	-1.6	5.0
3.5	0.6	4.7
3.6	0.8	4.4
3.7	-0.4	4.1
3.8	-1.5	3.8
3.9	-0.4	3.5
4.0	1.0	3.2
4.1	1.9	2.9
4.2	1.3	2.7
4.3	-0.6	2.4
4.4	-4.5	2.2
4.5	-6.7	1.9
4.6	-4.3	1.7
4.7	-3.1	1.4
4.8	-3.7	1.2
4.9	-6.6	1.0
5.0	-12.7	0.7
5.1	-13.2	0.5
5.2	-8.9	0.3
5.3	-7.8	0.1
5.4	-10.2	-0.1
5.5	-20.8	-0.3
5.6	-17.7	-0.5

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
10.0	-17.7	-6.9
10.5	-14.4	-7.4
11.0	-18.6	-7.9
11.5	-22.9	-8.4
12.0	-18.6	-8.9
12.5	-21.4	-9.3
13.0	-19.6	-9.8
13.5	-18.9	-10.2
14.0	-16.1	-10.6
14.5	-26.0	-11.0
15.0	-15.6	-11.3
15.5	-36.1	-11.7
16.0	-20.7	-12.0
16.5	-16.2	-12.4
17.0	-15.9	-12.7
17.5	-25.2	-13.0
18.0	-20.5	-13.3
18.5	-18.3	-13.6
19.0	-19.5	-13.9
19.5	-26.2	-14.2
20.0	-34.6	-14.5
20.5	-19.8	-14.7
21.0	-21.4	-15.0
21.5	-23.5	-15.3
22.0	-24.7	-15.5
22.5	-22.7	-15.8
23.0	-21.4	-16.0
23.5	-31.8	-16.2
24.0	-31.4	-16.5
24.5	-20.6	-16.7
25.0	-18.3	-16.9
25.5	-23.6	-17.1
26.0	-65.1	-17.3
26.5	-26.3	-17.5
27.0	-24.3	-17.7
27.5	-30.6	-17.9
28.0	-23.8	-18.1
28.5	-27.0	-18.3
29.0	-42.7	-18.5
29.5	-24.9	-18.7
30.0	-22.5	-18.9

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Cobham SATCOM, Sea Tel Products

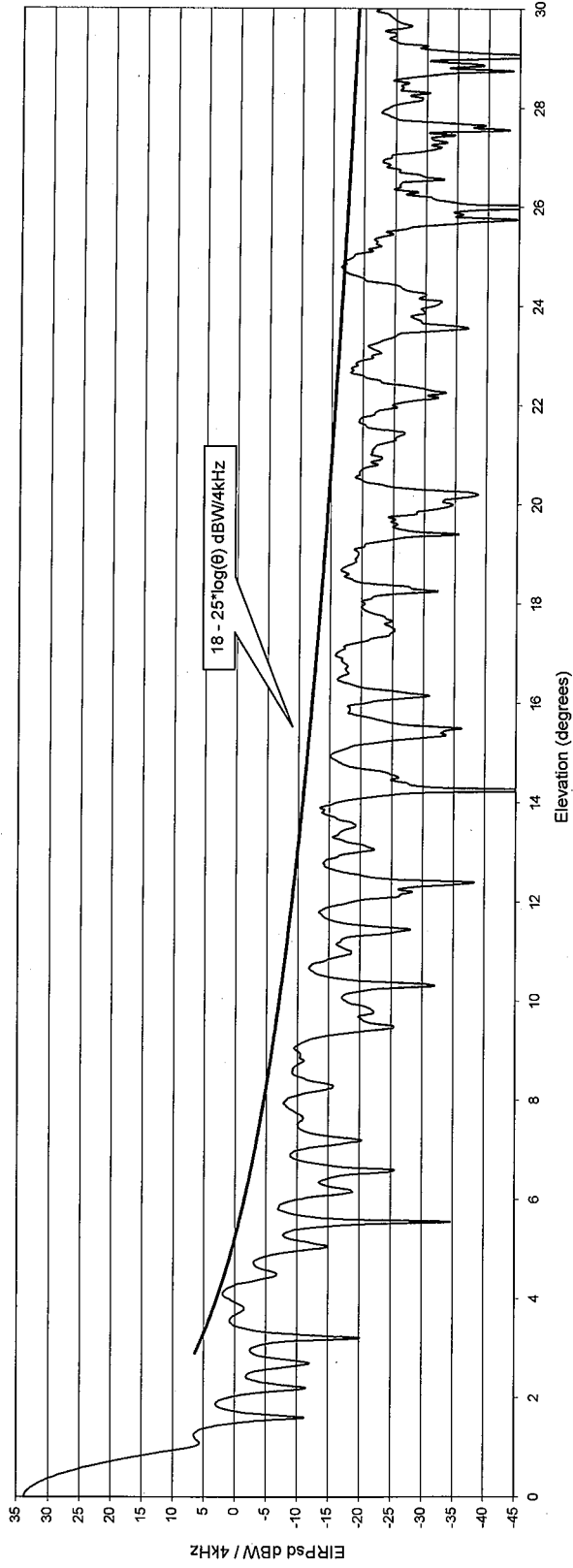
2.4m Ku EIRPs Data Table

Co Pol Elevation, 0 to +30 Degrees @ 0.1 / 0.5 deg (B)

5.7	-9.6	-0.7
5.8	-6.9	-0.9
5.9	-7.3	-1.1
6.0	-10.1	-1.3
6.1	-16.2	-1.5
6.2	-18.3	-1.6
6.3	-14.2	-1.8
6.4	-14.4	-2.0
6.5	-18.2	-2.2
6.6	-25.5	-2.3
6.7	-14.4	-2.5
6.8	-10.0	-2.7
6.9	-8.9	-2.8
7.0	-10.2	-3.0
7.1	-15.7	-3.1
7.2	-20.4	-3.3
7.3	-13.8	-3.4
7.4	-10.7	-3.6
7.5	-10.1	-3.7
7.6	-10.7	-3.9
7.7	-10.6	-4.0
7.8	-9.2	-4.2
7.9	-8.1	-4.3
8.0	-8.1	-4.4
8.1	-10.0	-4.6
8.2	-13.7	-4.7
8.3	-15.7	-4.8
8.4	-11.8	-5.0
8.5	-9.7	-5.1
8.6	-9.2	-5.2
8.7	-9.7	-5.4
8.8	-11.1	-5.5
8.9	-10.4	-5.6
9.0	-9.9	-5.7
9.1	-9.8	-5.9
9.2	-11.4	-6.0
9.3	-14.6	-6.1
9.4	-21.0	-6.2
9.5	-25.4	-6.3
9.6	-20.6	-6.4
9.7	-19.8	-6.6
9.8	-22.2	-6.7
9.9	-20.5	-6.8
10.0	-17.7	-6.9

Cobham SATCOM, Sea Tel Products
 2.4m Ku EIRPsd, Co-Pol, Elevation, H-Plane (B)

14.25 GHz @ -14 dBW / 4 kHz, 0.7 dB Radome Loss



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Plot Parameters
 Input sd -14.0
 Gain 48.48
 Cal Factor 68.2
 Peak Excursions dB 3° to 30°
 0.41
 % Over 0%

File E:\Loop Canyon\AcquiredData\ELE_1425_HOR.mdb

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

Cross Pol Azimuth, -10 to +10 Degrees @ 0.1 deg (C)

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
-10.0	-26.4	-16.0
-9.9	-24.5	-16.0
-9.8	-26.1	-16.0
-9.7	-25.8	-16.0
-9.6	-25.2	-16.0
-9.5	-24.9	-16.0
-9.4	-25.1	-16.0
-9.3	-25.0	-16.0
-9.2	-26.3	-16.0
-9.1	-25.9	-16.0
-9.0	-27.2	-16.0
-8.9	-24.8	-16.0
-8.8	-24.1	-16.0
-8.7	-25.0	-16.0
-8.6	-23.0	-16.0
-8.5	-24.5	-16.0
-8.4	-25.3	-16.0
-8.3	-25.7	-16.0
-8.2	-24.9	-16.0
-8.1	-23.9	-16.0
-8.0	-23.1	-16.0
-7.9	-24.1	-16.0
-7.8	-24.6	-16.0
-7.7	-24.6	-16.0
-7.6	-31.1	-16.0
-7.5	-28.9	-16.0
-7.4	-27.1	-16.0
-7.3	-23.5	-16.0
-7.2	-20.9	-16.0
-7.1	-20.7	-16.0
-7.0	-23.5	-16.0
-6.9	-25.4	-16.0
-6.8	-25.7	-15.8
-6.7	-25.7	-15.7
-6.6	-29.3	-15.5
-6.5	-30.9	-15.3
-6.4	-26.7	-15.2
-6.3	-25.3	-15.0
-6.2	-27.3	-14.8
-6.1	-35.2	-14.6
-6.0	-31.6	-14.5
-5.9	-32.0	-14.3
-5.8	-27.9	-14.1
-5.7	-22.9	-13.9
-5.6	-20.5	-13.7
-5.5	-18.3	-13.5
-5.4	-18.0	-13.3
-5.3	-19.3	-13.1
-5.2	-18.8	-12.9
-5.1	-18.0	-12.7
-5.0	-17.7	-12.5
-4.9	-17.9	-12.3
-4.8	-18.0	-12.0
-4.7	-16.6	-11.8
-4.6	-17.5	-11.6
-4.5	-19.8	-11.3
-4.4	-24.5	-11.1
-4.3	-26.8	-10.8

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	9.4	
0.1	11.6	
0.2	12.2	
0.3	11.7	
0.4	10.7	
0.5	10.0	
0.6	9.2	
0.7	8.1	
0.8	5.7	
0.9	2.1	
1.0	-1.0	
1.1	-1.8	
1.2	-3.5	
1.3	-6.6	
1.4	-9.7	
1.5	-7.4	
1.6	-6.7	
1.7	-8.6	
1.8	-12.1	-1.4
1.9	-9.6	-2.0
2.0	-7.4	-2.5
2.1	-7.7	-3.1
2.2	-10.5	-3.6
2.3	-16.0	-4.0
2.4	-19.5	-4.5
2.5	-15.4	-4.9
2.6	-13.7	-5.4
2.7	-12.7	-5.8
2.8	-12.3	-6.2
2.9	-12.5	-6.6
3.0	-14.9	-6.9
3.1	-18.0	-7.3
3.2	-24.8	-7.6
3.3	-26.9	-8.0
3.4	-26.3	-8.3
3.5	-25.4	-8.6
3.6	-22.1	-8.9
3.7	-21.4	-9.2
3.8	-23.0	-9.5
3.9	-32.3	-9.8
4.0	-21.4	-10.1
4.1	-16.8	-10.3
4.2	-16.4	-10.6
4.3	-18.1	-10.8
4.4	-25.0	-11.1
4.5	-35.7	-11.3
4.6	-40.8	-11.6
4.7	-28.8	-11.8
4.8	-22.8	-12.0
4.9	-19.6	-12.3
5.0	-19.0	-12.5
5.1	-21.1	-12.7
5.2	-28.5	-12.9
5.3	-24.6	-13.1
5.4	-20.8	-13.3
5.5	-19.7	-13.5
5.6	-20.7	-13.7
5.7	-21.1	-13.9

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Cobham SATCOM, Sea Tel Products

2.4m Ku EIRPsd Data Table

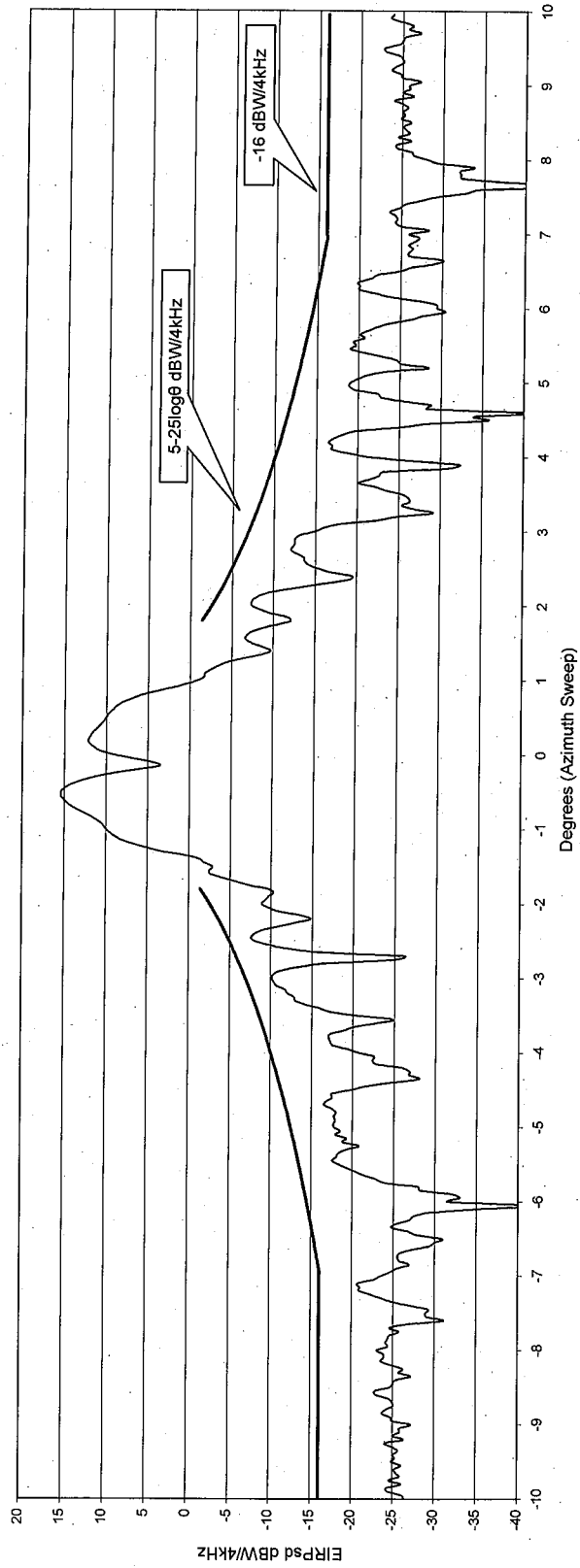
Cross Pol Azimuth, -10 to +10 Degrees @ 0.1 deg (C)

-4.2	-26.0	-10.6
-4.1	-22.4	-10.3
-4.0	-20.7	-10.1
-3.9	-17.5	-9.8
-3.8	-17.1	-9.5
-3.7	-18.9	-9.2
-3.6	-23.0	-8.9
-3.5	-20.6	-8.6
-3.4	-15.9	-8.3
-3.3	-13.0	-8.0
-3.2	-12.0	-7.6
-3.1	-10.8	-7.3
-3.0	-10.2	-6.9
-2.9	-11.1	-6.6
-2.8	-16.5	-6.2
-2.7	-26.1	-5.8
-2.6	-12.0	-5.4
-2.5	-8.0	-4.9
-2.4	-8.0	-4.5
-2.3	-11.0	-4.0
-2.2	-14.8	-3.6
-2.1	-10.9	-3.1
-2.0	-8.8	-2.5
-1.9	-9.6	-2.0
-1.8	-9.6	-1.4
-1.7	-5.6	
-1.6	-2.6	
-1.5	-2.8	
-1.4	-1.3	
-1.3	3.3	
-1.2	6.7	
-1.1	8.8	
-1.0	10.0	
-0.9	10.9	
-0.8	12.4	
-0.7	14.1	
-0.6	15.1	
-0.5	15.4	
-0.4	14.2	
-0.3	11.3	
-0.2	6.2	
-0.1	4.7	
0.0	9.4	

5.8	-23.9	-14.1
5.9	-27.8	-14.3
6.0	-29.4	-14.5
6.1	-27.1	-14.6
6.2	-21.9	-14.8
6.3	-20.1	-15.0
6.4	-21.4	-15.2
6.5	-24.9	-15.3
6.6	-29.1	-15.5
6.7	-26.0	-15.7
6.8	-26.4	-15.8
6.9	-26.7	-16.0
7.0	-25.9	-16.0
7.1	-25.0	-16.0
7.2	-24.5	-16.0
7.3	-23.6	-16.0
7.4	-25.4	-16.0
7.5	-29.3	-16.0
7.6	-34.6	-16.0
7.7	-38.2	-16.0
7.8	-32.2	-16.0
7.9	-33.7	-16.0
8.0	-28.1	-16.0
8.1	-26.1	-16.0
8.2	-24.3	-16.0
8.3	-24.5	-16.0
8.4	-25.4	-16.0
8.5	-26.0	-16.0
8.6	-25.3	-16.0
8.7	-25.7	-16.0
8.8	-24.1	-16.0
8.9	-25.0	-16.0
9.0	-25.8	-16.0
9.1	-25.0	-16.0
9.2	-23.7	-16.0
9.3	-25.0	-16.0
9.4	-24.5	-16.0
9.5	-22.8	-16.0
9.6	-25.0	-16.0
9.7	-27.1	-16.0
9.8	-26.2	-16.0
9.9	-23.6	-16.0
0.0	0.0	0.0

Cobnam SATCOM, Sea Tel Products
 2.4m Ku EIRPsd, X-Pol, Azimuth, H-Plane (C)

14.25 GHz @ -14 dBW / 4 kHz, 0.7 dB Radome Loss



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Peak Excursions dB
 1.8° to 7° to 180°
 -2.85 -4.67
 % Over
 0.00

Plot Parameters		
Pin sd	Gain	Cal Factor
-14.0	48.48	68.0

File:
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