

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
-179.0	-32.5	-24.0	-8.5
-178.0	-35.5	-24.0	-11.5
-177.0	-43.4	-24.0	-19.4
-176.0	-33.1	-24.0	-9.1
-175.0	-36.2	-24.0	-12.2
-174.0	-41.9	-24.0	-17.9
-173.0	-35.5	-24.0	-11.5
-172.0	-38.8	-24.0	-14.8
-171.0	-47.7	-24.0	-23.7
-170.0	-40.0	-24.0	-16.0
-169.0	-38.9	-24.0	-14.9
-168.0	-40.6	-24.0	-16.6
-167.0	-43.8	-24.0	-19.8
-166.0	-36.4	-24.0	-12.4
-165.0	-34.1	-24.0	-10.1
-164.0	-32.9	-24.0	-8.9
-163.0	-32.9	-24.0	-8.9
-162.0	-33.5	-24.0	-9.5
-161.0	-40.6	-24.0	-16.6
-160.0	-31.6	-24.0	-7.6
-159.0	-30.8	-24.0	-6.8
-158.0	-29.2	-24.0	-5.2
-157.0	-29.0	-24.0	-5.0
-156.0	-34.8	-24.0	-10.8
-155.0	-31.9	-24.0	-7.9
-154.0	-29.2	-24.0	-5.2
-153.0	-29.2	-24.0	-5.2
-152.0	-33.6	-24.0	-9.6
-151.0	-35.0	-24.0	-11.0
-150.0	-34.7	-24.0	-10.7
-149.0	-44.4	-24.0	-20.4
-148.0	-40.1	-24.0	-16.1
-147.0	-32.5	-24.0	-8.5
-146.0	-39.8	-24.0	-15.8
-145.0	-38.8	-24.0	-14.8
-144.0	-33.4	-24.0	-9.4
-143.0	-32.7	-24.0	-8.7
-142.0	-38.0	-24.0	-14.0
-141.0	-36.7	-24.0	-12.7
-140.0	-42.7	-24.0	-18.7
-139.0	-40.4	-24.0	-16.4
-138.0	-39.8	-24.0	-15.8
-137.0	-46.9	-24.0	-22.9
-136.0	-35.8	-24.0	-11.8
-135.0	-42.6	-24.0	-18.6
-134.0	-38.9	-24.0	-14.9
-133.0	-41.3	-24.0	-17.3
-132.0	-43.6	-24.0	-19.6
-131.0	-51.2	-24.0	-27.2
-130.0	-40.8	-24.0	-16.8
-129.0	-47.5	-24.0	-23.5
-128.0	-39.6	-24.0	-15.6
-127.0	-41.5	-24.0	-17.5
-126.0	-42.3	-24.0	-18.3
-125.0	-35.1	-24.0	-11.1
-124.0	-36.2	-24.0	-12.2
-123.0	-38.1	-24.0	-14.1
-122.0	-49.7	-24.0	-25.7

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	14.6		
1.0	12.6		
2.0	5.8	7.5	-1.7
3.0	-8.3	3.1	-11.4
4.0	-6.0	-0.1	-5.9
5.0	-12.2	-2.5	-9.7
6.0	-27.7	-4.5	-23.3
7.0	-24.0	-6.0	-18.0
8.0	-23.0	-6.0	-17.0
9.0	-23.8	-6.0	-17.8
10.0	-22.7	-7.0	-15.7
11.0	-24.0	-8.0	-16.0
12.0	-22.1	-9.0	-13.1
13.0	-27.8	-9.8	-18.0
14.0	-35.7	-10.7	-25.1
15.0	-35.5	-11.4	-24.1
16.0	-25.8	-12.1	-13.7
17.0	-25.4	-12.8	-12.7
18.0	-26.3	-13.4	-12.9
19.0	-25.8	-14.0	-11.8
20.0	-32.7	-14.5	-18.1
21.0	-42.8	-15.1	-27.7
22.0	-38.5	-15.6	-22.9
23.0	-32.4	-16.0	-16.3
24.0	-35.0	-16.5	-18.5
25.0	-43.9	-16.9	-26.9
26.0	-41.3	-17.4	-24.0
27.0	-33.2	-17.8	-15.5
28.0	-44.2	-18.2	-26.1
29.0	-37.3	-18.6	-18.7
30.0	-33.8	-18.9	-14.9
31.0	-37.3	-19.3	-18.0
32.0	-33.7	-19.6	-14.0
33.0	-39.5	-20.0	-19.5
34.0	-33.9	-20.3	-13.7
35.0	-31.5	-20.6	-10.9
36.0	-31.8	-20.9	-10.9
37.0	-32.5	-21.2	-11.3
38.0	-37.5	-21.5	-16.0
39.0	-36.7	-21.8	-14.9
40.0	-35.0	-22.1	-12.9
41.0	-40.0	-22.3	-17.7
42.0	-39.1	-22.6	-16.5
43.0	-51.2	-22.8	-28.4
44.0	-33.6	-23.1	-10.5
45.0	-32.1	-23.3	-8.8
46.0	-36.0	-23.6	-12.4
47.0	-35.5	-23.8	-11.7
48.0	-35.6	-24.0	-11.6
49.0	-35.2	-24.0	-11.2
50.0	-32.3	-24.0	-8.3
51.0	-35.9	-24.0	-11.9
52.0	-44.3	-24.0	-20.3
53.0	-53.2	-24.0	-29.2
54.0	-44.2	-24.0	-20.2
55.0	-32.1	-24.0	-8.1
56.0	-34.6	-24.0	-10.6
57.0	-34.9	-24.0	-10.9

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

-121.0	-39.7	-24.0	-15.7
-120.0	-50.2	-24.0	-26.2
-119.0	-41.6	-24.0	-17.6
-118.0	-41.6	-24.0	-17.6
-117.0	-41.9	-24.0	-17.9
-116.0	-38.3	-24.0	-14.3
-115.0	-35.5	-24.0	-11.5
-114.0	-43.0	-24.0	-19.0
-113.0	-36.0	-24.0	-12.0
-112.0	-43.5	-24.0	-19.5
-111.0	-42.2	-24.0	-18.2
-110.0	-39.8	-24.0	-15.8
-109.0	-42.6	-24.0	-18.6
-108.0	-41.9	-24.0	-17.9
-107.0	-38.5	-24.0	-14.5
-106.0	-43.7	-24.0	-19.7
-105.0	-45.3	-24.0	-21.3
-104.0	-43.9	-24.0	-19.9
-103.0	-46.4	-24.0	-22.4
-102.0	-40.7	-24.0	-16.7
-101.0	-46.3	-24.0	-22.3
-100.0	-36.8	-24.0	-12.8
-99.0	-44.8	-24.0	-20.8
-98.0	-40.1	-24.0	-16.1
-97.0	-30.7	-24.0	-6.7
-96.0	-42.4	-24.0	-18.4
-95.0	-40.8	-24.0	-16.8
-94.0	-34.4	-24.0	-10.4
-93.0	-41.2	-24.0	-17.2
-92.0	-39.7	-24.0	-15.7
-91.0	-51.3	-24.0	-27.3
-90.0	-43.5	-24.0	-19.5
-89.0	-46.6	-24.0	-22.6
-88.0	-43.5	-24.0	-19.5
-87.0	-38.9	-24.0	-14.9
-86.0	-34.5	-24.0	-10.5
-85.0	-36.5	-24.0	-12.5
-84.0	-43.9	-24.0	-19.9
-83.0	-33.2	-24.0	-9.2
-82.0	-33.2	-24.0	-9.2
-81.0	-51.8	-24.0	-27.8
-80.0	-33.3	-24.0	-9.3
-79.0	-36.4	-24.0	-12.4
-78.0	-43.1	-24.0	-19.1
-77.0	-35.0	-24.0	-11.0
-76.0	-45.9	-24.0	-21.9
-75.0	-39.4	-24.0	-15.4
-74.0	-35.2	-24.0	-11.2
-73.0	-48.1	-24.0	-24.1
-72.0	-37.9	-24.0	-13.9
-71.0	-39.9	-24.0	-15.9
-70.0	-38.3	-24.0	-14.3
-69.0	-41.4	-24.0	-17.4
-68.0	-35.2	-24.0	-11.2
-67.0	-32.8	-24.0	-8.8
-66.0	-32.1	-24.0	-8.1
-65.0	-34.3	-24.0	-10.3
-64.0	-32.7	-24.0	-8.7
-63.0	-37.4	-24.0	-13.4
-62.0	-36.2	-24.0	-12.2
-61.0	-42.2	-24.0	-18.2

58.0	-37.1	-24.0	-13.1
59.0	-31.4	-24.0	-7.4
60.0	-36.3	-24.0	-12.3
61.0	-37.3	-24.0	-13.3
62.0	-36.8	-24.0	-12.8
63.0	-40.8	-24.0	-16.8
64.0	-35.9	-24.0	-11.9
65.0	-42.2	-24.0	-18.2
66.0	-36.6	-24.0	-12.6
67.0	-32.7	-24.0	-8.7
68.0	-32.0	-24.0	-8.0
69.0	-37.5	-24.0	-13.5
70.0	-48.2	-24.0	-24.2
71.0	-41.0	-24.0	-17.0
72.0	-38.3	-24.0	-14.3
73.0	-39.6	-24.0	-15.6
74.0	-36.7	-24.0	-12.7
75.0	-41.3	-24.0	-17.3
76.0	-49.3	-24.0	-25.3
77.0	-41.7	-24.0	-17.7
78.0	-38.0	-24.0	-14.0
79.0	-35.7	-24.0	-11.7
80.0	-34.6	-24.0	-10.6
81.0	-39.2	-24.0	-15.2
82.0	-36.6	-24.0	-12.6
83.0	-35.4	-24.0	-11.4
84.0	-43.9	-24.0	-19.9
85.0	-38.2	-24.0	-14.2
86.0	-39.8	-24.0	-15.8
87.0	-40.8	-24.0	-16.8
88.0	-47.3	-24.0	-23.3
89.0	-39.6	-24.0	-15.6
90.0	-35.2	-24.0	-11.2
91.0	-41.8	-24.0	-17.8
92.0	-48.0	-24.0	-24.0
93.0	-37.0	-24.0	-13.0
94.0	-36.2	-24.0	-12.2
95.0	-44.0	-24.0	-20.0
96.0	-33.1	-24.0	-9.1
97.0	-42.2	-24.0	-18.2
98.0	-44.1	-24.0	-20.1
99.0	-41.1	-24.0	-17.1
100.0	-36.0	-24.0	-12.0
101.0	-48.7	-24.0	-24.7
102.0	-35.9	-24.0	-11.9
103.0	-37.5	-24.0	-13.5
104.0	-40.6	-24.0	-16.6
105.0	-41.8	-24.0	-17.8
106.0	-45.2	-24.0	-21.2
107.0	-36.1	-24.0	-12.1
108.0	-32.7	-24.0	-8.7
109.0	-35.8	-24.0	-11.8
110.0	-39.3	-24.0	-15.3
111.0	-37.1	-24.0	-13.1
112.0	-40.0	-24.0	-16.0
113.0	-49.5	-24.0	-25.5
114.0	-35.9	-24.0	-11.9
115.0	-37.1	-24.0	-13.1
116.0	-35.4	-24.0	-11.4
117.0	-35.5	-24.0	-11.5
118.0	-37.4	-24.0	-13.4

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

-60.0	-34.4	-24.0	-10.4
-59.0	-29.8	-24.0	-5.8
-58.0	-31.1	-24.0	-7.1
-57.0	-32.9	-24.0	-8.9
-56.0	-29.1	-24.0	-5.1
-55.0	-38.6	-24.0	-14.6
-54.0	-35.2	-24.0	-11.2
-53.0	-49.2	-24.0	-25.2
-52.0	-40.5	-24.0	-16.5
-51.0	-35.7	-24.0	-11.7
-50.0	-32.9	-24.0	-8.9
-49.0	-33.9	-24.0	-9.9
-48.0	-31.3	-24.0	-7.3
-47.0	-33.2	-23.8	-9.4
-46.0	-35.3	-23.6	-11.8
-45.0	-38.5	-23.3	-15.2
-44.0	-41.1	-23.1	-18.0
-43.0	-35.8	-22.8	-13.0
-42.0	-37.2	-22.6	-14.6
-41.0	-36.9	-22.3	-14.6
-40.0	-31.4	-22.1	-9.4
-39.0	-30.0	-21.8	-8.2
-38.0	-32.6	-21.5	-11.1
-37.0	-54.9	-21.2	-33.7
-36.0	-34.6	-20.9	-13.7
-35.0	-31.1	-20.6	-10.5
-34.0	-31.0	-20.3	-10.7
-33.0	-30.8	-20.0	-10.8
-32.0	-33.0	-19.6	-13.4
-31.0	-36.8	-19.3	-17.5
-30.0	-30.2	-18.9	-11.2
-29.0	-41.2	-18.6	-22.7
-28.0	-40.2	-18.2	-22.1
-27.0	-31.2	-17.8	-13.5
-26.0	-37.0	-17.4	-19.7
-25.0	-36.6	-16.9	-19.7
-24.0	-43.3	-16.5	-26.8
-23.0	-34.8	-16.0	-18.8
-22.0	-38.6	-15.6	-23.1
-21.0	-36.5	-15.1	-21.4
-20.0	-29.7	-14.5	-15.2
-19.0	-27.9	-14.0	-13.9
-18.0	-27.4	-13.4	-14.0
-17.0	-25.2	-12.8	-12.5
-16.0	-24.9	-12.1	-12.8
-15.0	-30.4	-11.4	-19.0
-14.0	-37.6	-10.7	-26.9
-13.0	-30.5	-9.8	-20.7
-12.0	-22.4	-9.0	-13.5
-11.0	-21.8	-8.0	-13.8
-10.0	-21.7	-7.0	-14.7
-9.0	-23.5	-6.0	-17.5
-8.0	-21.1	-6.0	-15.1
-7.0	-23.6	-6.1	-17.5
-6.0	-25.6	-4.5	-21.2
-5.0	-12.1	-2.5	-9.6
-4.0	-6.6	-0.1	-6.6
-3.0	-6.6	3.1	-9.7
-2.0	6.6	7.5	-0.8
-1.0	12.9		
0.0	14.6		

119.0	-40.2	-24.0	-16.2
120.0	-42.1	-24.0	-18.1
121.0	-43.2	-24.0	-19.2
122.0	-36.2	-24.0	-12.2
123.0	-34.0	-24.0	-10.0
124.0	-34.9	-24.0	-10.9
125.0	-36.0	-24.0	-12.0
126.0	-37.0	-24.0	-13.0
127.0	-32.8	-24.0	-8.8
128.0	-34.7	-24.0	-10.7
129.0	-46.8	-24.0	-22.8
130.0	-34.8	-24.0	-10.8
131.0	-40.0	-24.0	-16.0
132.0	-47.4	-24.0	-23.4
133.0	-45.1	-24.0	-21.1
134.0	-42.5	-24.0	-18.5
135.0	-37.5	-24.0	-13.5
136.0	-36.4	-24.0	-12.4
137.0	-32.5	-24.0	-8.5
138.0	-36.8	-24.0	-12.8
139.0	-47.0	-24.0	-23.0
140.0	-48.2	-24.0	-24.2
141.0	-41.4	-24.0	-17.4
142.0	-40.8	-24.0	-16.8
143.0	-38.9	-24.0	-14.9
144.0	-46.4	-24.0	-22.4
145.0	-51.0	-24.0	-27.0
146.0	-57.9	-24.0	-33.9
147.0	-41.1	-24.0	-17.1
148.0	-38.0	-24.0	-14.0
149.0	-38.4	-24.0	-14.4
150.0	-39.3	-24.0	-15.3
151.0	-39.4	-24.0	-15.4
152.0	-33.9	-24.0	-9.9
153.0	-33.8	-24.0	-9.8
154.0	-39.7	-24.0	-15.7
155.0	-44.6	-24.0	-20.6
156.0	-38.2	-24.0	-14.2
157.0	-47.1	-24.0	-23.1
158.0	-40.8	-24.0	-16.8
159.0	-42.2	-24.0	-18.2
160.0	-55.3	-24.0	-31.3
161.0	-48.4	-24.0	-24.4
162.0	-38.1	-24.0	-14.1
163.0	-35.4	-24.0	-11.4
164.0	-35.3	-24.0	-11.3
165.0	-34.2	-24.0	-10.2
166.0	-34.3	-24.0	-10.3
167.0	-33.0	-24.0	-9.0
168.0	-31.2	-24.0	-7.2
169.0	-31.3	-24.0	-7.3
170.0	-31.2	-24.0	-7.2
171.0	-38.3	-24.0	-14.3
172.0	-39.1	-24.0	-15.1
173.0	-29.9	-24.0	-5.9
174.0	-29.4	-24.0	-5.4
175.0	-31.0	-24.0	-7.0
176.0	-35.2	-24.0	-11.2
177.0	-33.7	-24.0	-9.7
178.0	-34.2	-24.0	-10.2
179.0	-46.3	-24.0	-22.3

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
-10.0	-21.7	-7.0	-14.7
-9.9	-21.8	-6.9	-14.9
-9.8	-21.9	-6.8	-15.1
-9.7	-21.9	-6.7	-15.3
-9.6	-22.1	-6.6	-15.5
-9.5	-21.9	-6.4	-15.5
-9.4	-22.0	-6.3	-15.7
-9.3	-22.4	-6.2	-16.2
-9.2	-22.7	-6.0	-16.7
-9.1	-23.0	-6.0	-17.0
-9.0	-23.6	-6.0	-17.6
-8.9	-23.3	-6.0	-17.3
-8.8	-23.8	-6.0	-17.8
-8.7	-23.6	-6.0	-17.6
-8.6	-23.2	-6.0	-17.2
-8.5	-23.2	-6.0	-17.2
-8.4	-23.1	-6.0	-17.1
-8.3	-22.3	-6.0	-16.3
-8.2	-22.0	-6.0	-16.0
-8.1	-21.8	-6.0	-15.8
-8.0	-21.1	-6.0	-15.1
-7.9	-21.1	-6.0	-15.1
-7.8	-21.0	-6.0	-15.0
-7.7	-20.8	-6.0	-14.8
-7.6	-20.8	-6.0	-14.8
-7.5	-21.3	-6.0	-15.3
-7.4	-21.3	-6.0	-15.3
-7.3	-21.9	-6.0	-15.9
-7.2	-22.0	-6.0	-16.0
-7.1	-22.8	-6.0	-16.8
-7.0	-23.8	-6.1	-17.6
-6.9	-24.0	-6.0	-18.0
-6.8	-24.6	-5.8	-18.7
-6.7	-25.0	-5.7	-19.4
-6.6	-25.7	-5.5	-20.2
-6.5	-26.5	-5.3	-21.1
-6.4	-26.9	-5.2	-21.7
-6.3	-27.6	-5.0	-22.6
-6.2	-27.2	-4.8	-22.4
-6.1	-26.5	-4.6	-21.9
-6.0	-25.8	-4.5	-21.4
-5.9	-24.7	-4.3	-20.5
-5.8	-23.4	-4.1	-19.3
-5.7	-22.0	-3.9	-18.1
-5.6	-20.0	-3.7	-16.3
-5.5	-18.9	-3.5	-15.4
-5.4	-17.3	-3.3	-14.0
-5.3	-15.8	-3.1	-12.7
-5.2	-14.4	-2.9	-11.5
-5.1	-13.4	-2.7	-10.7
-5.0	-12.4	-2.5	-9.9
-4.9	-11.2	-2.3	-8.9
-4.8	-10.3	-2.0	-8.3
-4.7	-9.5	-1.8	-7.7
-4.6	-8.9	-1.6	-7.3
-4.5	-8.1	-1.3	-6.7
-4.4	-7.6	-1.1	-6.5

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	14.6		
0.1	14.6		
0.2	14.5		
0.3	14.5		
0.4	14.3		
0.5	14.2		
0.6	14.0		
0.7	13.7		
0.8	13.4		
0.9	13.0		
1.0	12.7		
1.1	12.2		
1.2	11.8		
1.3	11.2		
1.4	10.7		
1.5	10.0	10.7	-0.7
1.6	9.4	9.9	-0.5
1.7	8.7	9.2	-0.6
1.8	7.8	8.0	-0.2
1.9	7.0	7.5	-0.5
2.0	6.0	6.9	-0.9
2.1	5.1	6.4	-1.4
2.2	3.9	6.0	-2.1
2.3	2.7	5.5	-2.8
2.4	1.4	5.1	-3.7
2.5	0.0	4.6	-4.6
2.6	-1.6	4.2	-5.8
2.7	-3.3	3.8	-7.1
2.8	-5.1	3.4	-8.6
2.9	-6.6	3.1	-9.6
3.0	-8.2	2.7	-10.9
3.1	-8.8	2.4	-11.2
3.2	-8.8	2.0	-10.9
3.3	-8.4	1.7	-10.1
3.4	-7.8	1.4	-9.2
3.5	-7.1	1.1	-8.2
3.6	-6.7	0.8	-7.5
3.7	-6.3	0.5	-6.8
3.8	-6.1	0.2	-6.3
3.9	-5.9	-0.1	-5.9
4.0	-6.0	-0.3	-5.6
4.1	-6.0	-0.6	-5.5
4.2	-6.3	-0.8	-5.5
4.3	-6.6	-1.1	-5.5
4.4	-7.1	-1.3	-5.7
4.5	-7.6	-1.6	-6.0
4.6	-8.2	-1.8	-6.4
4.7	-9.0	-2.0	-6.9
4.8	-9.8	-2.3	-7.5
4.9	-10.7	-2.5	-8.3
5.0	-11.9	-2.7	-9.3
5.1	-13.1	-2.9	-10.2
5.2	-14.5	-3.1	-11.4
5.3	-15.8	-3.3	-12.5
5.4	-17.3	-3.5	-13.8
5.5	-19.2	-3.7	-15.5
5.6	-21.2	-3.9	-17.3

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

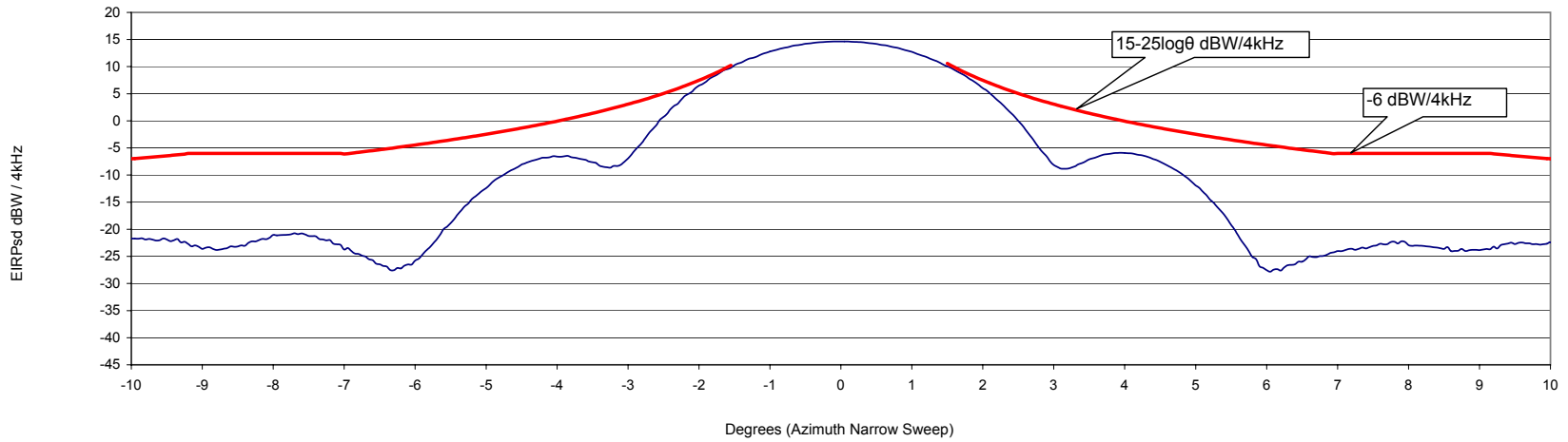
Co Pol Azimuth, -10 to +10 Degrees @ 0.1deg (A)

-4.3	-7.2	-0.8	-6.4
-4.2	-6.8	-0.6	-6.2
-4.1	-6.7	-0.3	-6.4
-4.0	-6.6	-0.1	-6.6
-3.9	-6.6	0.2	-6.8
-3.8	-6.7	0.5	-7.2
-3.7	-7.0	0.8	-7.8
-3.6	-7.2	1.1	-8.3
-3.5	-7.7	1.4	-9.0
-3.4	-8.3	1.7	-10.0
-3.3	-8.6	2.0	-10.6
-3.2	-8.3	2.4	-10.7
-3.1	-8.1	2.7	-10.8
-3.0	-7.0	3.1	-10.0
-2.9	-5.4	3.4	-8.8
-2.8	-4.0	3.8	-7.8
-2.7	-2.2	4.2	-6.4
-2.6	-0.8	4.6	-5.4
-2.5	0.7	5.1	-4.4
-2.4	2.1	5.5	-3.4
-2.3	3.1	6.0	-2.8
-2.2	4.6	6.4	-1.9
-2.1	5.3	6.9	-1.6
-2.0	6.5	7.5	-1.0
-1.9	7.2	8.0	-0.8
-1.8	8.1	8.6	-0.5
-1.7	8.9	9.2	-0.3
-1.6	9.5	9.9	-0.4
-1.5	10.2		
-1.4	10.8		
-1.3	11.4		
-1.2	11.8		
-1.1	12.3		
-1.0	12.8		
-0.9	13.1		
-0.8	13.4		
-0.7	13.8		
-0.6	14.0		
-0.5	14.2		
-0.4	14.3		
-0.3	14.5		
-0.2	14.6		
-0.1	14.6		
0.0	14.6		

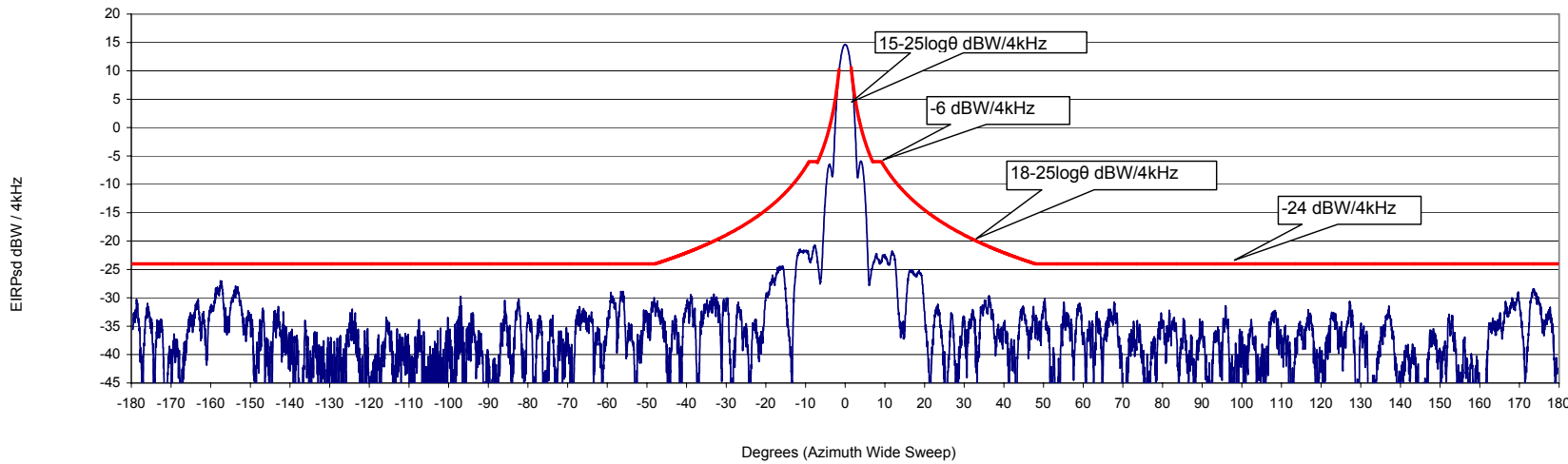
5.7	-23.1	-4.1	-19.0
5.8	-25.1	-4.3	-20.9
5.9	-26.8	-4.5	-22.4
6.0	-27.6	-4.6	-22.9
6.1	-27.5	-4.8	-22.7
6.2	-27.6	-5.0	-22.7
6.3	-26.7	-5.2	-21.5
6.4	-26.5	-5.3	-21.2
6.5	-26.0	-5.5	-20.5
6.6	-25.0	-5.7	-19.4
6.7	-25.2	-5.8	-19.4
6.8	-24.9	-6.0	-19.0
6.9	-24.4	-6.0	-18.4
7.0	-24.0	-6.0	-18.0
7.1	-23.9	-6.0	-17.9
7.2	-23.6	-6.0	-17.6
7.3	-23.6	-6.0	-17.6
7.4	-23.6	-6.0	-17.6
7.5	-23.1	-6.0	-17.1
7.6	-22.7	-6.0	-16.7
7.7	-22.8	-6.0	-16.8
7.8	-22.3	-6.0	-16.3
7.9	-22.2	-6.0	-16.2
8.0	-22.9	-6.0	-16.9
8.1	-23.0	-6.0	-17.0
8.2	-23.1	-6.0	-17.1
8.3	-23.2	-6.0	-17.2
8.4	-23.4	-6.0	-17.4
8.5	-23.6	-6.0	-17.6
8.6	-24.0	-6.0	-18.0
8.7	-24.0	-6.0	-18.0
8.8	-24.0	-6.0	-18.0
8.9	-23.8	-6.0	-17.8
9.0	-23.9	-6.0	-17.9
9.1	-23.6	-6.1	-17.6
9.2	-23.2	-6.2	-17.0
9.3	-23.0	-6.3	-16.6
9.4	-22.6	-6.4	-16.2
9.5	-22.7	-6.6	-16.2
9.6	-22.5	-6.7	-15.8
9.7	-22.6	-6.8	-15.8
9.8	-22.8	-6.9	-15.9
9.9	-22.8	-7.0	-15.8
10.0	-22.4	-7.1	-15.3

Cobham SATCOM, Sea Tel Products
0.6 meter EIRPsd, VV Co-Pol, Azimuth, H-Plane (A)

14.25 GHz @ -21.6 dBW / 4 kHz, 0.6 dB Radome Loss



14.25 GHz @ -21.6 dBW / 4 kHz, 0.6 dB Radome Loss



File
 E:\LOOPCANYONACQUIREDATA\003.MDB

Plot Parameters			Peak Excursions dB		% Over
Input sd	Gain	Cal Factor	1.5° to 7°	7° to 180°	
-21.6	36.85	47.52	-0.22	-3.0	0%

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

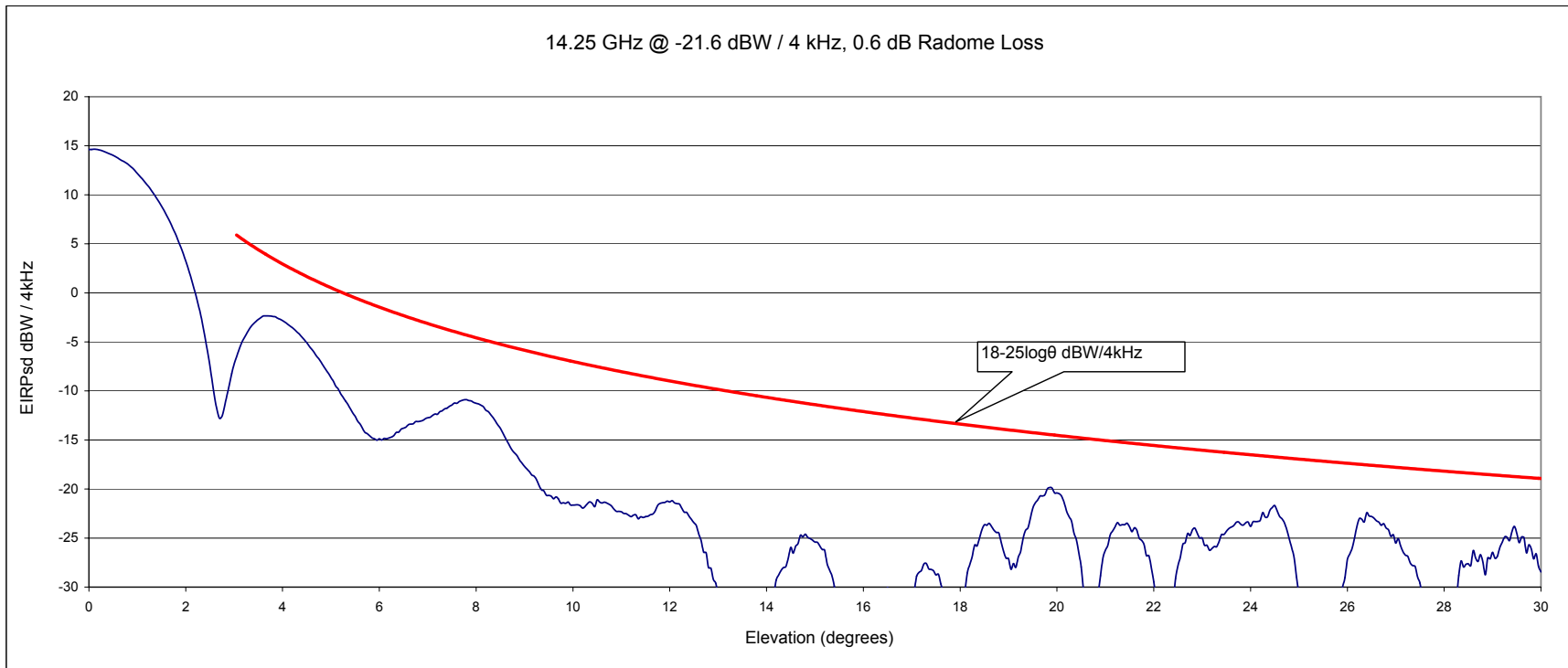
14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	14.6		
0.1	14.6		
0.2	14.5		
0.3	14.3		
0.4	14.1		
0.5	13.9		
0.6	13.6		
0.7	13.3		
0.8	12.9		
0.9	12.5		
1.0	11.9		
1.1	11.3		
1.2	10.7		
1.3	10.0		
1.4	9.3		
1.5	8.4		
1.6	7.5		
1.7	6.4		
1.8	5.2		
1.9	4.0		
2.0	2.5		
2.1	0.8		
2.2	-1.0		
2.3	-3.3		
2.4	-6.0		
2.5	-9.2		
2.6	-12.0		
2.7	-12.6		
2.8	-10.5		
2.9	-8.2		
3.0	-6.5	5.9	-12.4
3.1	-5.2	5.5	-10.7
3.2	-4.2	5.2	-9.4
3.3	-3.4	4.9	-8.3
3.4	-2.9	4.6	-7.5
3.5	-2.5	4.2	-6.8
3.6	-2.4	3.9	-6.3
3.7	-2.4	3.6	-6.0
3.8	-2.4	3.4	-5.8
3.9	-2.7	3.1	-5.8
4.0	-3.0	2.8	-5.8
4.1	-3.4	2.5	-5.9
4.2	-3.7	2.3	-6.0
4.3	-4.2	2.0	-6.2
4.4	-4.8	1.8	-6.6
4.5	-5.4	1.5	-7.0
4.6	-6.1	1.3	-7.4
4.7	-6.7	1.1	-7.8
4.8	-7.5	0.9	-8.4
4.9	-8.2	0.6	-8.9
5.0	-9.0	0.4	-9.4
5.1	-9.8	0.2	-10.0
5.2	-10.6	0.0	-10.6
5.3	-11.4	-0.2	-11.2
5.4	-12.2	-0.4	-11.8
5.5	-13.1	-0.6	-12.4
5.6	-13.8	-0.8	-13.0

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	14.6		
0.5	13.9		
1.0	11.9		
1.5	8.4		
2.0	2.5		
2.5	-9.2		
3.0	-6.5	5.9	-12.4
3.5	-2.5	4.2	-6.8
4.0	-3.0	2.8	-5.8
4.5	-5.4	1.5	-7.0
5.0	-9.0	0.4	-9.4
5.5	-13.1	-0.6	-12.4
6.0	-15.0	-1.5	-13.5
6.5	-13.7	-2.4	-11.3
7.0	-12.7	-3.2	-9.5
7.5	-11.2	-3.9	-7.3
8.0	-11.3	-4.6	-6.7
8.5	-14.3	-5.3	-9.0
9.0	-18.0	-5.9	-12.0
9.5	-20.7	-6.5	-14.2
10.0	-21.6	-7.1	-14.6
10.5	-21.3	-7.6	-13.7
11.0	-22.5	-8.1	-14.4
11.5	-22.8	-8.6	-14.2
12.0	-21.2	-9.0	-12.2
12.5	-23.7	-9.5	-14.3
13.0	-31.2	-9.9	-21.3
13.5	-33.8	-10.3	-23.5
14.0	-30.4	-10.7	-19.7
14.5	-26.5	-11.1	-15.5
15.0	-25.4	-11.4	-14.0
15.5	-34.0	-11.8	-22.2
16.0	-34.0	-12.1	-21.8
16.5	-31.1	-12.5	-18.7
17.0	-30.5	-12.8	-17.7
17.5	-28.7	-13.1	-15.6
18.0	-31.7	-13.4	-18.3
18.5	-23.7	-13.7	-10.0
19.0	-28.2	-14.0	-14.2
19.5	-21.4	-14.3	-7.2
20.0	-20.5	-14.6	-5.9
20.5	-30.3	-14.8	-15.5
21.0	-25.7	-15.1	-10.6
21.5	-23.9	-15.3	-8.6
22.0	-29.5	-15.6	-13.9
22.5	-27.9	-15.8	-12.0
23.0	-25.0	-16.0	-8.9
23.5	-24.3	-16.3	-8.0
24.0	-23.8	-16.5	-7.3
24.5	-21.7	-16.7	-5.0
25.0	-30.7	-16.9	-13.8
25.5	-36.3	-17.2	-19.1
26.0	-27.1	-17.4	-9.8
26.5	-22.8	-17.6	-5.2
27.0	-25.5	-17.8	-7.7
27.5	-29.6	-18.0	-11.6
28.0	-37.2	-18.2	-19.0

**Cobham SATCOM, Sea Tel Products
0.6 meter EIRPsd, VV Co-Pol, Elevation, E-Plane (B)**



File:
E:\LOOPCANYON\ACQUIREDATA\007.MDB

Plot Parameters		
Input sd	Gain	Cal Factor
-21.6	36.85	47.40

Peak Excursions dB	
-	3° to 30°
-	-4.97

% Over
0%

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

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

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
-10.0	-39.1	-16.0	-23.1
-9.9	-37.0	-16.0	-21.0
-9.8	-36.3	-16.0	-20.3
-9.7	-36.3	-16.0	-20.3
-9.6	-35.3	-16.0	-19.3
-9.5	-33.9	-16.0	-17.9
-9.4	-33.4	-16.0	-17.4
-9.3	-33.4	-16.0	-17.4
-9.2	-32.4	-16.0	-16.4
-9.1	-31.8	-16.0	-15.8
-9.0	-31.8	-16.0	-15.8
-8.9	-31.3	-16.0	-15.3
-8.8	-30.5	-16.0	-14.5
-8.7	-30.5	-16.0	-14.5
-8.6	-30.3	-16.0	-14.3
-8.5	-29.8	-16.0	-13.8
-8.4	-30.3	-16.0	-14.3
-8.3	-29.8	-16.0	-13.8
-8.2	-29.7	-16.0	-13.7
-8.1	-29.7	-16.0	-13.7
-8.0	-29.5	-16.0	-13.5
-7.9	-30.3	-16.0	-14.3
-7.8	-30.9	-16.0	-14.9
-7.7	-31.3	-16.0	-15.3
-7.6	-31.1	-16.0	-15.1
-7.5	-31.5	-16.0	-15.5
-7.4	-31.4	-16.0	-15.4
-7.3	-30.6	-16.0	-14.6
-7.2	-31.8	-16.0	-15.8
-7.1	-31.7	-16.0	-15.7
-7.0	-31.4	-16.0	-15.4
-6.9	-31.5	-16.0	-15.6
-6.8	-31.6	-15.8	-15.8
-6.7	-31.3	-15.7	-15.6
-6.6	-31.0	-15.5	-15.5
-6.5	-30.8	-15.3	-15.5
-6.4	-29.9	-15.2	-14.7
-6.3	-29.5	-15.0	-14.6
-6.2	-28.7	-14.8	-13.9
-6.1	-28.4	-14.6	-13.8
-6.0	-28.0	-14.5	-13.6
-5.9	-27.5	-14.3	-13.2
-5.8	-27.8	-14.1	-13.7
-5.7	-27.2	-13.9	-13.3
-5.6	-27.5	-13.7	-13.8
-5.5	-27.5	-13.5	-14.0
-5.4	-26.5	-13.3	-13.2
-5.3	-26.6	-13.1	-13.5
-5.2	-25.9	-12.9	-13.0
-5.1	-25.8	-12.7	-13.1
-5.0	-25.4	-12.5	-12.9
-4.9	-24.6	-12.3	-12.3
-4.8	-24.6	-12.0	-12.6
-4.7	-23.6	-11.8	-11.8
-4.6	-23.5	-11.6	-11.9
-4.5	-23.1	-11.3	-11.8
-4.4	-23.2	-11.1	-12.2

14.25 GHz @ -21.6 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	-17.3		
0.1	-16.9		
0.2	-16.3		
0.3	-15.6		
0.4	-15.1		
0.5	-14.4		
0.6	-13.8		
0.7	-13.2		
0.8	-12.8		
0.9	-12.2		
1.0	-11.9		
1.1	-11.6		
1.2	-11.5		
1.3	-11.4		
1.4	-11.3		
1.5	-11.3		
1.6	-11.4		
1.7	-11.4		
1.8	-11.6	-1.4	-10.3
1.9	-11.8	-2.0	-9.9
2.0	-12.0	-2.5	-9.5
2.1	-12.4	-3.1	-9.3
2.2	-12.6	-3.6	-9.1
2.3	-13.1	-4.0	-9.0
2.4	-13.5	-4.5	-9.0
2.5	-14.0	-4.9	-9.1
2.6	-14.4	-5.4	-9.0
2.7	-15.1	-5.8	-9.3
2.8	-15.7	-6.2	-9.5
2.9	-16.3	-6.6	-9.8
3.0	-17.1	-6.9	-10.2
3.1	-17.9	-7.3	-10.6
3.2	-18.5	-7.6	-10.9
3.3	-19.3	-8.0	-11.3
3.4	-19.9	-8.3	-11.6
3.5	-20.6	-8.6	-12.0
3.6	-21.4	-8.9	-12.5
3.7	-21.8	-9.2	-12.6
3.8	-22.5	-9.5	-13.0
3.9	-22.8	-9.8	-13.0
4.0	-23.1	-10.1	-13.1
4.1	-23.0	-10.3	-12.7
4.2	-23.5	-10.6	-13.0
4.3	-24.2	-10.8	-13.3
4.4	-24.6	-11.1	-13.6
4.5	-24.7	-11.3	-13.4
4.6	-25.9	-11.6	-14.3
4.7	-25.9	-11.8	-14.1
4.8	-26.5	-12.0	-14.5
4.9	-26.9	-12.3	-14.6
5.0	-27.7	-12.5	-15.2
5.1	-28.6	-12.7	-15.9
5.2	-29.5	-12.9	-16.6
5.3	-30.1	-13.1	-17.0
5.4	-31.1	-13.3	-17.8
5.5	-31.4	-13.5	-17.9
5.6	-30.8	-13.7	-17.1

Cobham SATCOM, Sea Tel Products

0.6m EIRPsd Data Table

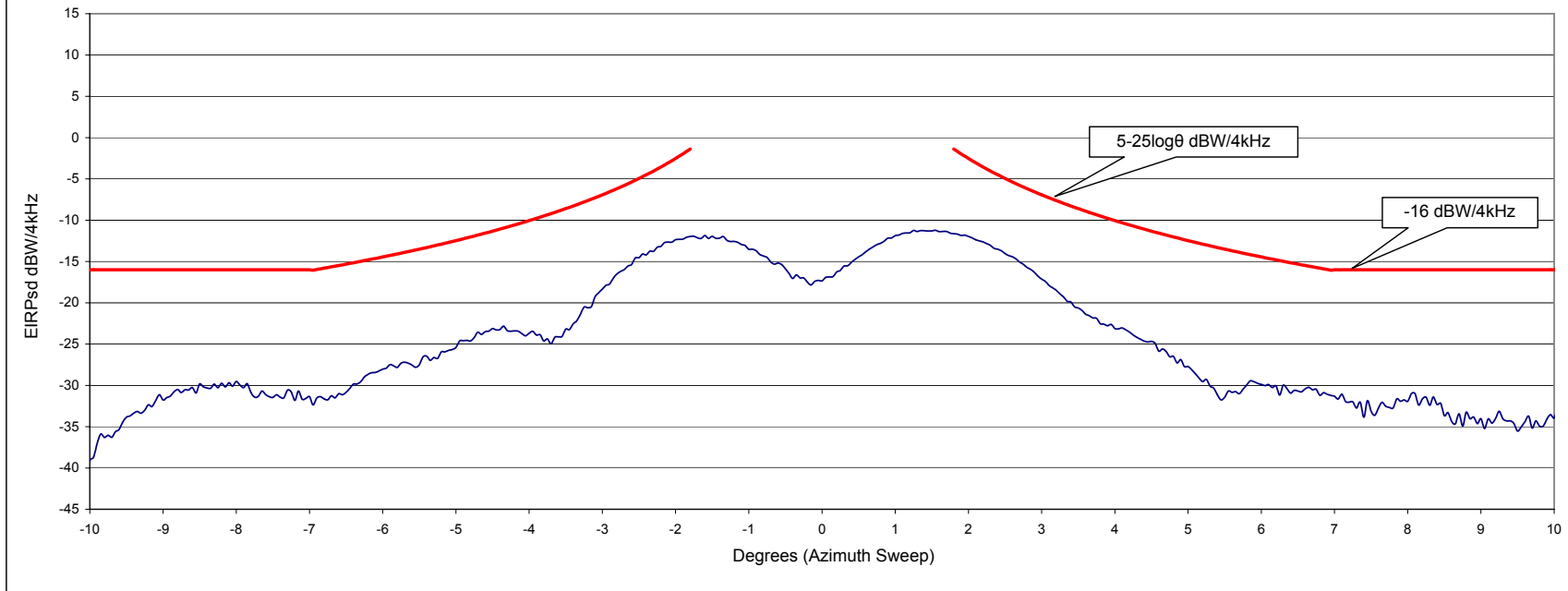
Cross Pol Azimuth, -10 to +10 Degrees @ 0.1 deg (C)

-4.3	-23.4	-10.8	-12.5
-4.2	-23.4	-10.6	-12.8
-4.1	-23.7	-10.3	-13.4
-4.0	-23.7	-10.1	-13.6
-3.9	-23.9	-9.8	-14.1
-3.8	-24.6	-9.5	-15.1
-3.7	-25.0	-9.2	-15.8
-3.6	-24.1	-8.9	-15.2
-3.5	-23.2	-8.6	-14.6
-3.4	-22.6	-8.3	-14.3
-3.3	-21.4	-8.0	-13.4
-3.2	-20.6	-7.6	-13.0
-3.1	-19.3	-7.3	-12.0
-3.0	-18.4	-6.9	-11.4
-2.9	-17.7	-6.6	-11.2
-2.8	-16.5	-6.2	-10.3
-2.7	-16.0	-5.8	-10.2
-2.6	-15.4	-5.4	-10.0
-2.5	-14.5	-4.9	-9.6
-2.4	-14.2	-4.5	-9.7
-2.3	-13.8	-4.0	-9.7
-2.2	-13.2	-3.6	-9.6
-2.1	-12.7	-3.1	-9.6
-2.0	-12.4	-2.5	-9.8
-1.9	-12.3	-2.0	-10.3
-1.8	-12.0	-1.4	-10.6
-1.7	-12.1		
-1.6	-11.9		
-1.5	-12.0		
-1.4	-12.2		
-1.3	-12.4		
-1.2	-12.6		
-1.1	-12.9		
-1.0	-13.5		
-0.9	-13.7		
-0.8	-14.3		
-0.7	-15.1		
-0.6	-15.2		
-0.5	-15.9		
-0.4	-17.1		
-0.3	-17.0		
-0.2	-17.5		
-0.1	-17.4		
0.0	-17.3		

5.7	-31.0	-13.9	-17.1
5.8	-30.0	-14.1	-15.9
5.9	-29.6	-14.3	-15.3
6.0	-29.9	-14.5	-15.4
6.1	-29.9	-14.6	-15.3
6.2	-30.1	-14.8	-15.2
6.3	-30.0	-15.0	-15.0
6.4	-30.9	-15.2	-15.8
6.5	-30.7	-15.3	-15.4
6.6	-30.4	-15.5	-14.9
6.7	-30.5	-15.7	-14.9
6.8	-31.2	-15.8	-15.4
6.9	-31.1	-16.0	-15.1
7.0	-31.3	-16.0	-15.3
7.1	-31.1	-16.0	-15.1
7.2	-32.0	-16.0	-16.0
7.3	-32.7	-16.0	-16.7
7.4	-33.9	-16.0	-17.9
7.5	-33.1	-16.0	-17.1
7.6	-32.7	-16.0	-16.7
7.7	-32.5	-16.0	-16.5
7.8	-32.7	-16.0	-16.7
7.9	-31.9	-16.0	-15.9
8.0	-31.9	-16.0	-15.9
8.1	-31.0	-16.0	-15.0
8.2	-31.6	-16.0	-15.6
8.3	-32.4	-16.0	-16.4
8.4	-32.3	-16.0	-16.3
8.5	-33.7	-16.0	-17.7
8.6	-34.4	-16.0	-18.4
8.7	-33.4	-16.0	-17.4
8.8	-33.2	-16.0	-17.2
8.9	-33.8	-16.0	-17.8
9.0	-34.0	-16.0	-18.0
9.1	-34.1	-16.0	-18.1
9.2	-34.0	-16.0	-18.0
9.3	-34.1	-16.0	-18.1
9.4	-34.3	-16.0	-18.3
9.5	-35.5	-16.0	-19.5
9.6	-34.4	-16.0	-18.4
9.7	-35.2	-16.0	-19.2
9.8	-34.9	-16.0	-18.9
9.9	-34.1	-16.0	-18.1
10.0	-33.9	-16.0	-17.9

**Cobnam SATCOM, Sea Tel Products
0.6 meter EIRPsd, VH XP, Azimuth, E-Plane (C)**

14.25 GHz @ -21.6 dBW / 4 kHz, 0.6 dB Radome Loss



File
E:\LOOPCANYON\ACQUIREDATA\011.MDB

Plot Parameters		
Pin sd	Gain	Cal Factor
-21.6	36.85	47.52

Peak Excursions dB	
1.8° to 7°	7° to 180°
-8.98	-13.52

% Over
0.00