

Cobham SATCOM, Sea Tel Products

FIGURE 3

1.2M EIRPsd Data Table - Co Pol Elevation, 0 to +30 Degrees @ 0.1 / 0.5 deg (B)

14.25 GHz @ -14 dBW / 4 kHz

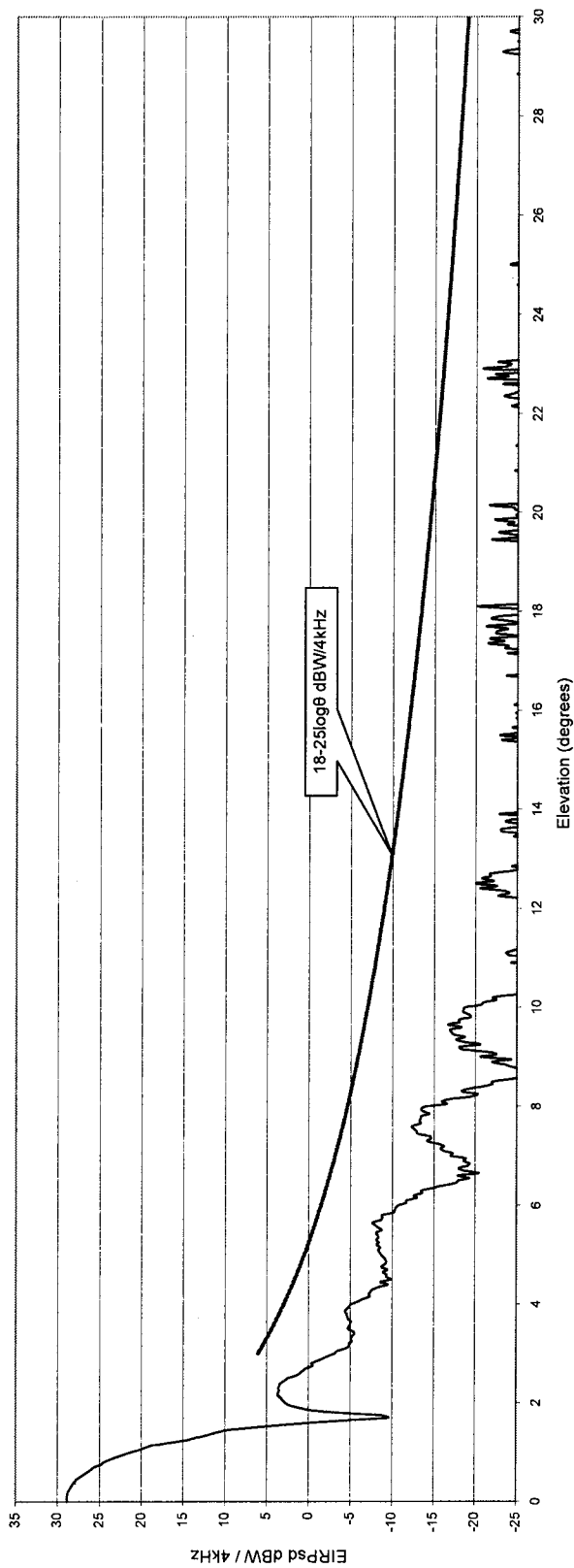
Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	28.9	
0.1	28.8	
0.2	28.5	
0.3	28.2	
0.4	27.7	
0.5	26.9	
0.6	26.0	
0.7	24.9	
0.8	23.8	
0.9	22.2	
1.0	20.2	
1.1	18.5	
1.2	14.4	
1.3	11.9	
1.4	9.5	
1.5	3.5	
1.6	-4.8	
1.7	-8.6	
1.8	-0.4	
1.9	2.2	
2.0	3.0	
2.1	3.6	
2.2	3.5	
2.3	3.5	
2.4	2.8	
2.5	1.5	
2.6	0.7	
2.7	-0.5	
2.8	-1.0	
2.9	-2.4	
3.0	-3.4	5.9
3.1	-4.8	5.5
3.2	-5.2	5.2
3.3	-5.2	4.9
3.4	-5.3	4.6
3.5	-4.8	4.2
3.6	-5.1	3.9
3.7	-4.6	3.6
3.8	-4.3	3.4
3.9	-4.9	3.1
4.0	-5.9	2.8
4.1	-7.3	2.5
4.2	-7.4	2.3
4.3	-8.5	2.0
4.4	-8.6	1.8
4.5	-9.3	1.5
4.6	-8.9	1.3
4.7	-8.7	1.1
4.8	-9.3	0.9
4.9	-8.9	0.6
5.0	-8.5	0.4
5.1	-8.6	0.2
5.2	-8.4	0.0
5.3	-8.4	-0.2
5.4	-8.1	-0.4
5.5	-8.4	-0.6
5.6	-7.7	-0.8
5.7	-8.8	-1.0

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
10.0	-20.6	-7.1
10.5	-28.7	-7.6
11.0	-24.1	-8.1
11.5	-25.0	-8.6
12.0	-31.8	-9.0
12.5	-22.1	-9.5
13.0	-32.5	-9.9
13.5	-23.1	-10.3
14.0	-25.8	-10.7
14.5	-25.3	-11.1
15.0	-31.8	-11.4
15.5	-25.9	-11.8
16.0	-32.0	-12.1
16.5	-28.8	-12.5
17.0	-26.7	-12.8
17.5	-22.4	-13.1
18.0	-25.0	-13.4
18.5	-27.9	-13.7
19.0	-32.5	-14.0
19.5	-24.5	-14.3
20.0	-24.8	-14.6
20.5	-26.6	-14.8
21.0	-28.8	-15.1
21.5	-45.0	-15.3
22.0	-30.4	-15.6
22.5	-27.3	-15.8
23.0	-22.6	-16.1
23.5	-27.7	-16.3
24.0	-31.7	-16.5
24.5	-28.3	-16.8
25.0	-25.6	-17.0
25.5	-28.0	-17.2
26.0	-44.0	-17.4
26.5	-31.5	-17.6
27.0	-27.7	-17.8
27.5	-39.3	-18.0
28.0	-44.6	-18.2
28.5	-27.8	-18.4
29.0	-30.6	-18.6
29.5	-28.7	-18.8
30.0	-30.7	-18.3

Cobham SATCOM, Sea Tel Products
1.2 meter EIRPsd, HH Co-Pol, Elevation, H-Plane (B)

14.25 GHz @ -14 dBW / 4 kHz, 0.2 dB Radome Loss



Plot Parameters	
Input sd	-14.0
Gain	43.05
Cal Factor	46.92
Peak Excursions dB	-
3° to 30°	-3.12
% Over	0%