

EXHIBITS 2 THROUGH 10

25.222(b)(1)(i) Tables for Antennas

Exhibits 2, 3 and 4 are the 25.222(b)(1)(i) tables for the 1.5 meter Sea Tel model 6006, 6009 and 6012 Ku-band antenna

Exhibits 5, 6 and 7 are the 25.222(b)(1)(i) tables for the 0.83 meter Thrane & Thrane Model TT-7080A Sailor 800A Ku-band antenna

Exhibits 8, 9 and 10 are the 25.222(b)(1)(i) tables for the 1.0 meter Thrane & Thrane Model TT-7090B Sailor 900B Ku-band antenna

Exhibit 2

FCC 25.222(b)(1)(i)(A) Tables for the Sea Tel Model 6006/6009/6012

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Cobham SATCOM, Sea Tel Products

1.5m EIRPsd Data Table

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

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
-10.0	-11.3	-7.0
-9.9	-12.0	-6.9
-9.8	-12.7	-6.8
-9.7	-13.5	-6.7
-9.6	-14.3	-6.6
-9.5	-15.2	-6.4
-9.4	-15.5	-6.3
-9.3	-15.8	-6.2
-9.2	-15.4	-6.0
-9.1	-14.5	-6.0
-9.0	-13.6	-6.0
-8.9	-12.5	-6.0
-8.8	-11.4	-6.0
-8.7	-10.3	-6.0
-8.6	-9.1	-6.0
-8.5	-7.9	-6.0
-8.4	-7.0	-6.0
-8.3	-6.1	-6.0
-8.2	-5.5	-6.0
-8.1	-5.2	-6.0
-8.0	-4.9	-6.0
-7.9	-5.1	-6.0
-7.8	-5.2	-6.0
-7.7	-5.6	-6.0
-7.6	-6.2	-6.0
-7.5	-6.8	-6.0
-7.4	-7.8	-6.0
-7.3	-8.9	-6.0
-7.2	-9.7	-6.0
-7.1	-10.4	-6.0
-7.0	-11.1	-6.1
-6.9	-10.4	-6.0
-6.8	-9.7	-5.8
-6.7	-9.3	-5.7
-6.6	-9.2	-5.5
-6.5	-9.1	-5.3
-6.4	-10.7	-5.2
-6.3	-12.3	-5.0
-6.2	-15.5	-4.8
-6.1	-20.2	-4.6
-6.0	-25.0	-4.5
-5.9	-20.4	-4.3
-5.8	-15.8	-4.1
-5.7	-13.3	-3.9
-5.6	-12.9	-3.7
-5.5	-12.6	-3.5
-5.4	-14.0	-3.3
-5.3	-15.4	-3.1
-5.2	-15.4	-2.9
-5.1	-14.1	-2.7
-5.0	-12.8	-2.5
-4.9	-11.6	-2.3
-4.8	-10.4	-2.0
-4.7	-9.3	-1.8
-4.6	-8.4	-1.6
-4.5	-7.4	-1.3

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	30.8	
0.1	30.4	
0.2	30.0	
0.3	29.4	
0.4	28.5	
0.5	27.7	
0.6	25.9	
0.7	24.2	
0.8	22.0	
0.9	19.4	
1.0	16.7	
1.1	11.3	
1.2	6.0	
1.3	3.4	
1.4	3.7	
1.5	3.9	10.6
1.6	4.9	9.9
1.7	5.9	9.2
1.8	5.9	8.6
1.9	5.0	8.0
2.0	4.1	7.5
2.1	2.7	6.9
2.2	1.3	6.4
2.3	0.4	6.0
2.4	0.0	5.5
2.5	-0.3	5.1
2.6	-0.5	4.6
2.7	-0.7	4.2
2.8	-1.3	3.8
2.9	-2.4	3.4
3.0	-3.5	3.1
3.1	-5.7	2.7
3.2	-7.9	2.4
3.3	-9.0	2.0
3.4	-8.8	1.7
3.5	-8.7	1.4
3.6	-7.6	1.1
3.7	-6.5	0.8
3.8	-6.0	0.5
3.9	-6.2	0.2
4.0	-6.3	-0.1
4.1	-6.9	-0.3
4.2	-7.5	-0.6
4.3	-7.9	-0.8
4.4	-7.9	-1.1
4.5	-8.0	-1.3
4.6	-8.5	-1.6
4.7	-9.0	-1.8
4.8	-9.9	-2.0
4.9	-11.2	-2.3
5.0	-12.4	-2.5
5.1	-12.6	-2.7
5.2	-12.8	-2.9
5.3	-12.5	-3.1
5.4	-11.9	-3.3
5.5	-11.2	-3.5

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1.5m EIRPsd Data Table

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

-4.4	-6.1	-1.1
-4.3	-4.9	-0.8
-4.2	-4.0	-0.6
-4.1	-3.5	-0.3
-4.0	-2.9	-0.1
-3.9	-3.7	0.2
-3.8	-4.4	0.5
-3.7	-4.9	0.8
-3.6	-5.3	1.1
-3.5	-5.6	1.4
-3.4	-3.8	1.7
-3.3	-2.1	2.0
-3.2	-0.7	2.4
-3.1	0.3	2.7
-3.0	1.3	3.1
-2.9	1.4	3.4
-2.8	1.4	3.8
-2.7	1.4	4.2
-2.6	1.2	4.6
-2.5	1.1	5.1
-2.4	2.0	5.5
-2.3	2.9	6.0
-2.2	4.1	6.4
-2.1	5.5	6.9
-2.0	6.9	7.5
-1.9	7.5	8.0
-1.8	8.1	8.6
-1.7	7.4	9.2
-1.6	5.3	9.9
-1.5	3.3	10.6
-1.4	4.8	
-1.3	6.3	
-1.2	9.5	
-1.1	14.2	
-1.0	19.0	
-0.9	21.4	
-0.8	23.9	
-0.7	25.8	
-0.6	27.2	
-0.5	28.6	
-0.4	29.3	
-0.3	30.0	
-0.2	30.5	
-0.1	30.6	
0.0	30.8	

5.6	-10.8	-3.7
5.7	-10.5	-3.9
5.8	-10.0	-4.1
5.9	-9.5	-4.3
6.0	-9.0	-4.5
6.1	-8.7	-4.6
6.2	-8.4	-4.8
6.3	-8.3	-5.0
6.4	-8.3	-5.2
6.5	-8.3	-5.3
6.6	-8.2	-5.5
6.7	-8.1	-5.7
6.8	-8.1	-5.8
6.9	-8.0	-6.0
7.0	-8.0	-6.1
7.1	-8.5	-6.0
7.2	-9.0	-6.0
7.3	-10.0	-6.0
7.4	-11.6	-6.0
7.5	-13.1	-6.0
7.6	-15.1	-6.0
7.7	-17.1	-6.0
7.8	-18.5	-6.0
7.9	-19.2	-6.0
8.0	-19.9	-6.0
8.1	-20.3	-6.0
8.2	-20.6	-6.0
8.3	-20.0	-6.0
8.4	-18.4	-6.0
8.5	-16.8	-6.0
8.6	-15.8	-6.0
8.7	-14.9	-6.0
8.8	-14.9	-6.0
8.9	-15.9	-6.0
9.0	-16.8	-6.0
9.1	-20.2	-6.0
9.2	-23.7	-6.0
9.3	-23.9	-6.2
9.4	-20.7	-6.3
9.5	-17.6	-6.4
9.6	-15.4	-6.6
9.7	-13.1	-6.7
9.8	-11.6	-6.8
9.9	-11.0	-6.9
10.0	-10.3	-7.0

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1.5m 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
-178.0	-37.4	-24.0
-177.0	-39.7	-24.0
-176.0	-33.2	-24.0
-175.0	-37.4	-24.0
-174.0	-34.0	-24.0
-173.0	-40.6	-24.0
-172.0	-47.6	-24.0
-171.0	-38.4	-24.0
-170.0	-39.8	-24.0
-169.0	-46.9	-24.0
-168.0	-41.4	-24.0
-167.0	-35.9	-24.0
-166.0	-36.5	-24.0
-165.0	-37.7	-24.0
-164.0	-34.8	-24.0
-163.0	-40.2	-24.0
-162.0	-51.2	-24.0
-161.0	-36.2	-24.0
-160.0	-36.9	-24.0
-159.0	-35.0	-24.0
-158.0	-45.1	-24.0
-157.0	-41.5	-24.0
-156.0	-42.9	-24.0
-155.0	-34.4	-24.0
-154.0	-40.6	-24.0
-153.0	-40.2	-24.0
-152.0	-36.6	-24.0
-151.0	-41.2	-24.0
-150.0	-44.7	-24.0
-149.0	-38.0	-24.0
-148.0	-74.5	-24.0
-147.0	-45.0	-24.0
-146.0	-69.8	-24.0
-145.0	-41.7	-24.0
-144.0	-41.3	-24.0
-143.0	-44.0	-24.0
-142.0	-50.4	-24.0
-141.0	-39.5	-24.0
-140.0	-38.3	-24.0
-139.0	-41.8	-24.0
-138.0	-36.5	-24.0
-137.0	-36.6	-24.0
-136.0	-51.2	-24.0
-135.0	-38.8	-24.0
-134.0	-44.9	-24.0
-133.0	-42.9	-24.0
-132.0	-41.5	-24.0
-131.0	-47.1	-24.0
-130.0	-46.6	-24.0
-129.0	-47.2	-24.0
-128.0	-37.3	-24.0
-127.0	-42.4	-24.0
-126.0	-37.5	-24.0
-125.0	-45.5	-24.0
-124.0	-32.7	-24.0
-123.0	-36.2	-24.0
-122.0	-35.3	-24.0

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	30.8	
1.0	16.7	
2.0	4.1	7.5
3.0	-3.5	3.1
4.0	-6.3	-0.1
5.0	-12.4	-2.5
6.0	-9.0	-4.5
7.0	-8.0	-6.1
8.0	-19.9	-6.0
9.0	-16.8	-6.0
10.0	-10.3	-7.0
11.0	-9.9	-8.0
12.0	-14.0	-9.0
13.0	-18.1	-9.8
14.0	-13.0	-10.7
15.0	-16.0	-11.4
16.0	-15.5	-12.1
17.0	-30.8	-12.8
18.0	-19.3	-13.4
19.0	-15.4	-14.0
20.0	-18.0	-14.5
21.0	-25.0	-15.1
22.0	-18.5	-15.6
23.0	-21.3	-16.0
24.0	-25.8	-16.5
25.0	-22.4	-16.9
26.0	-21.3	-17.4
27.0	-16.6	-17.8
28.0	-24.0	-18.2
29.0	-19.9	-18.6
30.0	-19.1	-18.9
31.0	-21.9	-19.3
32.0	-32.3	-19.6
33.0	-23.0	-20.0
34.0	-28.6	-20.3
35.0	-21.4	-20.6
36.0	-23.2	-20.9
37.0	-23.7	-21.2
38.0	-24.8	-21.5
39.0	-36.5	-21.8
40.0	-27.0	-22.1
41.0	-26.7	-22.3
42.0	-23.6	-22.6
43.0	-38.8	-22.8
44.0	-39.1	-23.1
45.0	-26.5	-23.3
46.0	-28.7	-23.6
47.0	-28.9	-23.8
48.0	-31.7	-24.0
49.0	-30.7	-24.0
50.0	-27.5	-24.0
51.0	-27.8	-24.0
52.0	-37.6	-24.0
53.0	-28.8	-24.0
54.0	-36.9	-24.0
55.0	-30.1	-24.0
56.0	-33.4	-24.0

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1.5m EIRPsd Data Table

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

-121.0	-41.0	-24.0
-120.0	-34.1	-24.0
-119.0	-42.1	-24.0
-118.0	-35.2	-24.0
-117.0	-35.4	-24.0
-116.0	-37.3	-24.0
-115.0	-41.2	-24.0
-114.0	-48.9	-24.0
-113.0	-36.6	-24.0
-112.0	-47.8	-24.0
-111.0	-49.5	-24.0
-110.0	-35.3	-24.0
-109.0	-32.6	-24.0
-108.0	-30.1	-24.0
-107.0	-29.9	-24.0
-106.0	-34.0	-24.0
-105.0	-37.5	-24.0
-104.0	-38.2	-24.0
-103.0	-34.0	-24.0
-102.0	-32.3	-24.0
-101.0	-34.5	-24.0
-100.0	-28.0	-24.0
-99.0	-32.5	-24.0
-98.0	-33.8	-24.0
-97.0	-39.0	-24.0
-96.0	-30.8	-24.0
-95.0	-30.1	-24.0
-94.0	-32.9	-24.0
-93.0	-32.2	-24.0
-92.0	-29.4	-24.0
-91.0	-32.1	-24.0
-90.0	-35.3	-24.0
-89.0	-35.7	-24.0
-88.0	-28.6	-24.0
-87.0	-24.5	-24.0
-86.0	-25.0	-24.0
-85.0	-28.6	-24.0
-84.0	-23.5	-24.0
-83.0	-21.1	-24.0
-82.0	-23.0	-24.0
-81.0	-20.2	-24.0
-80.0	-24.0	-24.0
-79.0	-26.4	-24.0
-78.0	-28.1	-24.0
-77.0	-26.1	-24.0
-76.0	-30.6	-24.0
-75.0	-26.8	-24.0
-74.0	-23.7	-24.0
-73.0	-22.7	-24.0
-72.0	-23.2	-24.0
-71.0	-23.6	-24.0
-70.0	-26.5	-24.0
-69.0	-39.3	-24.0
-68.0	-24.1	-24.0
-67.0	-25.3	-24.0
-66.0	-23.2	-24.0
-65.0	-28.5	-24.0
-64.0	-23.3	-24.0
-63.0	-21.6	-24.0
-62.0	-26.1	-24.0
-61.0	-27.6	-24.0

57.0	-28.5	-24.0
58.0	-33.6	-24.0
59.0	-24.3	-24.0
60.0	-25.0	-24.0
61.0	-27.5	-24.0
62.0	-27.1	-24.0
63.0	-27.6	-24.0
64.0	-28.3	-24.0
65.0	-28.5	-24.0
66.0	-32.2	-24.0
67.0	-23.8	-24.0
68.0	-28.4	-24.0
69.0	-23.4	-24.0
70.0	-31.5	-24.0
71.0	-25.0	-24.0
72.0	-26.2	-24.0
73.0	-24.8	-24.0
74.0	-27.1	-24.0
75.0	-26.9	-24.0
76.0	-25.5	-24.0
77.0	-27.8	-24.0
78.0	-26.6	-24.0
79.0	-24.6	-24.0
80.0	-23.4	-24.0
81.0	-21.0	-24.0
82.0	-25.7	-24.0
83.0	-22.2	-24.0
84.0	-21.2	-24.0
85.0	-22.6	-24.0
86.0	-29.4	-24.0
87.0	-21.9	-24.0
88.0	-21.3	-24.0
89.0	-35.5	-24.0
90.0	-29.0	-24.0
91.0	-32.8	-24.0
92.0	-32.0	-24.0
93.0	-25.9	-24.0
94.0	-32.1	-24.0
95.0	-34.5	-24.0
96.0	-40.2	-24.0
97.0	-29.9	-24.0
98.0	-28.8	-24.0
99.0	-27.6	-24.0
100.0	-26.4	-24.0
101.0	-24.7	-24.0
102.0	-25.2	-24.0
103.0	-28.5	-24.0
104.0	-29.8	-24.0
105.0	-32.0	-24.0
106.0	-36.3	-24.0
107.0	-37.5	-24.0
108.0	-41.4	-24.0
109.0	-43.1	-24.0
110.0	-43.2	-24.0
111.0	-42.1	-24.0
112.0	-40.3	-24.0
113.0	-40.1	-24.0
114.0	-44.2	-24.0
115.0	-41.0	-24.0
116.0	-54.4	-24.0
117.0	-41.5	-24.0

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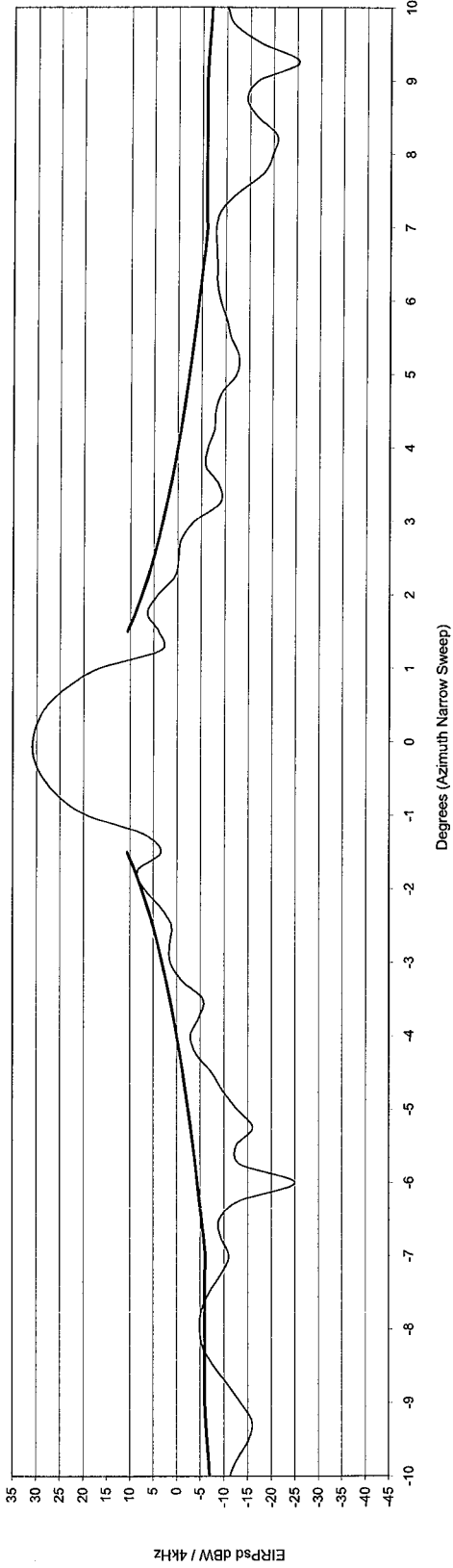
1.5m EIRPsd Data Table

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

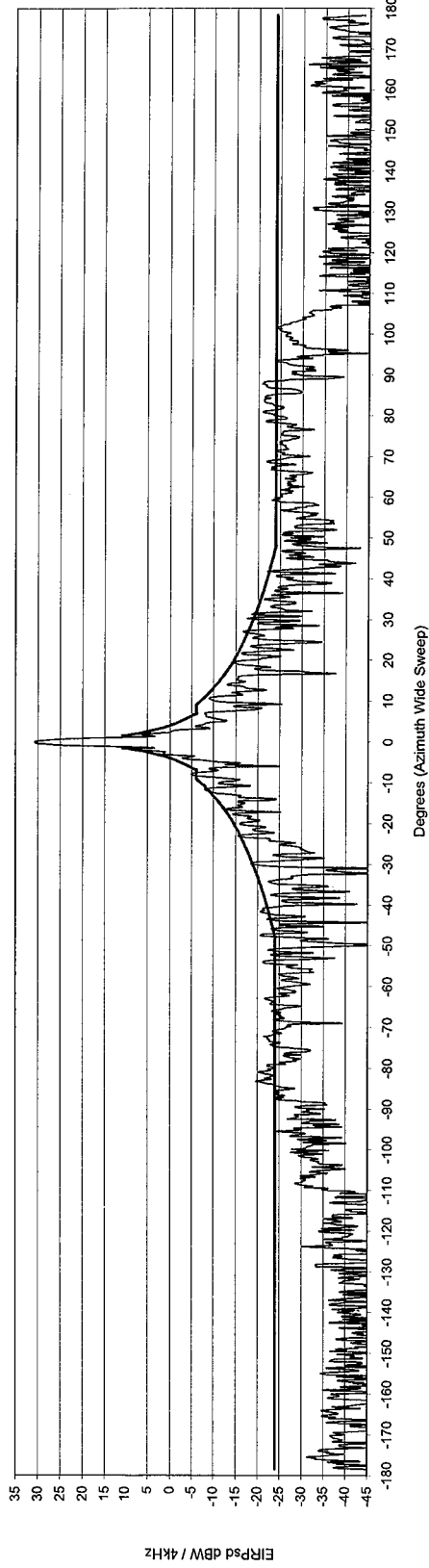
-60.0	-27.0	-24.0	118.0	-36.5	-24.0
-59.0	-29.5	-24.0	119.0	-33.8	-24.0
-58.0	-29.3	-24.0	120.0	-35.7	-24.0
-57.0	-24.9	-24.0	121.0	-35.6	-24.0
-56.0	-31.8	-24.0	122.0	-44.4	-24.0
-55.0	-26.7	-24.0	123.0	-44.1	-24.0
-54.0	-21.2	-24.0	124.0	-41.9	-24.0
-53.0	-37.5	-24.0	125.0	-39.1	-24.0
-52.0	-23.7	-24.0	126.0	-36.6	-24.0
-51.0	-22.4	-24.0	127.0	-35.7	-24.0
-50.0	-42.6	-24.0	128.0	-38.4	-24.0
-49.0	-31.6	-24.0	129.0	-47.2	-24.0
-48.0	-29.4	-24.0	130.0	-48.1	-24.0
-47.0	-24.7	-23.8	131.0	-32.1	-24.0
-46.0	-23.5	-23.6	132.0	-35.5	-24.0
-45.0	-25.3	-23.3	133.0	-41.2	-24.0
-44.0	-28.6	-23.1	134.0	-39.1	-24.0
-43.0	-29.9	-22.8	135.0	-42.2	-24.0
-42.0	-21.8	-22.6	136.0	-44.9	-24.0
-41.0	-21.2	-22.3	137.0	-39.4	-24.0
-40.0	-32.3	-22.1	138.0	-34.4	-24.0
-39.0	-25.6	-21.8	139.0	-37.1	-24.0
-38.0	-28.0	-21.5	140.0	-46.1	-24.0
-37.0	-30.1	-21.2	141.0	-36.1	-24.0
-36.0	-27.8	-20.9	142.0	-36.7	-24.0
-35.0	-27.7	-20.6	143.0	-39.9	-24.0
-34.0	-23.6	-20.3	144.0	-46.8	-24.0
-33.0	-27.6	-20.0	145.0	-60.6	-24.0
-32.0	-40.1	-19.6	146.0	-38.0	-24.0
-31.0	-54.9	-19.3	147.0	-37.9	-24.0
-30.0	-18.6	-18.9	148.0	-48.4	-24.0
-29.0	-28.5	-18.6	149.0	-46.2	-24.0
-28.0	-24.8	-18.2	150.0	-51.5	-24.0
-27.0	-31.6	-17.8	151.0	-47.3	-24.0
-26.0	-30.0	-17.4	152.0	-41.6	-24.0
-25.0	-25.9	-16.9	153.0	-60.5	-24.0
-24.0	-22.9	-16.5	154.0	-50.2	-24.0
-23.0	-15.5	-16.0	155.0	-40.4	-24.0
-22.0	-21.3	-15.6	156.0	-36.9	-24.0
-21.0	-21.8	-15.1	157.0	-45.3	-24.0
-20.0	-16.0	-14.5	158.0	-43.5	-24.0
-19.0	-18.7	-14.0	159.0	-48.0	-24.0
-18.0	-15.7	-13.4	160.0	-38.9	-24.0
-17.0	-20.3	-12.8	161.0	-31.7	-24.0
-16.0	-16.6	-12.1	162.0	-33.9	-24.0
-15.0	-17.1	-11.4	163.0	-43.7	-24.0
-14.0	-24.2	-10.7	164.0	-39.9	-24.0
-13.0	-15.2	-9.8	165.0	-41.2	-24.0
-12.0	-8.7	-9.0	166.0	-34.0	-24.0
-11.0	-14.8	-8.0	167.0	-35.6	-24.0
-10.0	-11.3	-7.0	168.0	-35.9	-24.0
-9.0	-13.6	-6.0	169.0	-51.8	-24.0
-8.0	-4.9	-6.0	170.0	-48.4	-24.0
-7.0	-11.1	-6.1	171.0	-38.2	-24.0
-6.0	-25.0	-4.5	172.0	-43.5	-24.0
-5.0	-12.8	-2.5	173.0	-38.5	-24.0
-4.0	-2.9	-0.1	174.0	-45.2	-24.0
-3.0	1.3	3.1	175.0	-37.2	-24.0
-2.0	6.9	7.5	176.0	-43.4	-24.0
-1.0	19.0		177.0	-40.8	-24.0
0.0	30.8		178.0	-40.0	-24.0

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

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



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



Peak Excursions dB		% Over
1.5° to 7°	-0.5	8%
7° to 180°	4.4	

Plot Parameters		
Input sd	Gain	Cal Factor
-14.0	44.99	46.46

File: NewFeed_6006_WD_TxISea1.txt

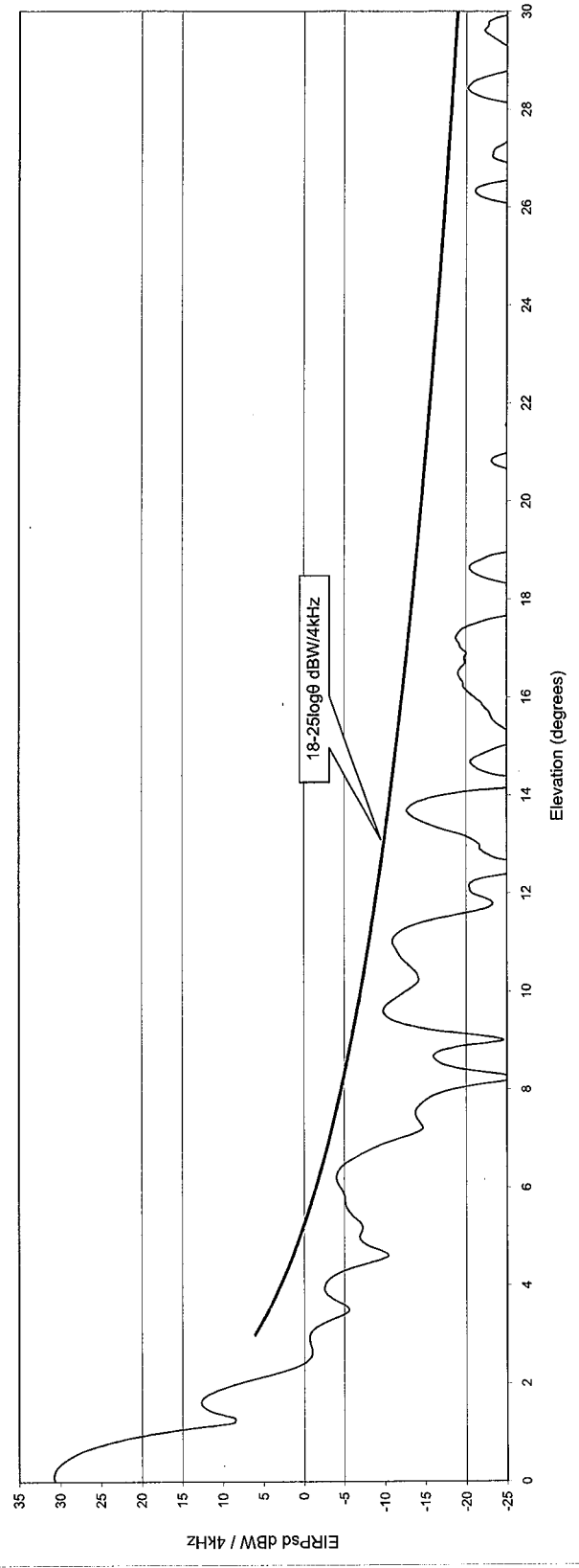
Exhibit 3

FCC 25.222(b)(1)(i)(B) Tables for the for the Sea Tel Model 6006/6009/6012

3

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

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



Plot Parameters	
Input sd	-14.0
Gain	44.99
Cal Factor	46.23
Peak Excursions dB	-
3° to 30°	-2.14
% Over	0%

File: NewFeed_6006_WD_Tx\Sea2.txt

Exhibit 4

FCC 25.222(b)(1)(i)(C) Tables for the for the Sea Tel Model 6006/6009/6012

4

Cobham SATCOM, Sea Tel Products

1.5m 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	-22.5	-16.0
-9.9	-22.9	-16.0
-9.8	-22.8	-16.0
-9.7	-23.6	-16.0
-9.6	-23.8	-16.0
-9.5	-23.3	-16.0
-9.4	-24.0	-16.0
-9.3	-23.7	-16.0
-9.2	-23.7	-16.0
-9.1	-23.7	-16.0
-9.0	-23.5	-16.0
-8.9	-23.4	-16.0
-8.8	-23.1	-16.0
-8.7	-22.6	-16.0
-8.6	-21.8	-16.0
-8.5	-21.4	-16.0
-8.4	-20.9	-16.0
-8.3	-20.3	-16.0
-8.2	-19.9	-16.0
-8.1	-19.8	-16.0
-8.0	-19.6	-16.0
-7.9	-19.7	-16.0
-7.8	-19.6	-16.0
-7.7	-19.5	-16.0
-7.6	-20.1	-16.0
-7.5	-20.1	-16.0
-7.4	-20.3	-16.0
-7.3	-20.5	-16.0
-7.2	-20.7	-16.0
-7.1	-20.7	-16.0
-7.0	-20.6	-16.0
-6.9	-20.6	-16.0
-6.8	-20.7	-15.8
-6.7	-20.7	-15.7
-6.6	-21.0	-15.5
-6.5	-21.4	-15.3
-6.4	-21.6	-15.2
-6.3	-22.4	-15.0
-6.2	-22.6	-14.8
-6.1	-23.8	-14.6
-6.0	-24.6	-14.5
-5.9	-26.0	-14.3
-5.8	-27.1	-14.1
-5.7	-28.7	-13.9
-5.6	-32.8	-13.7
-5.5	-33.9	-13.5
-5.4	-35.2	-13.3
-5.3	-32.7	-13.1
-5.2	-31.4	-12.9
-5.1	-29.8	-12.7
-5.0	-28.6	-12.5
-4.9	-29.3	-12.3
-4.8	-29.5	-12.0
-4.7	-30.4	-11.8
-4.6	-32.1	-11.6
-4.5	-34.2	-11.3
-4.4	-34.6	-11.1
-4.3	-37.1	-10.8

14.25 GHz @ -14 dBW / 4 kHz

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz
0.0	-15.1	
0.1	-9.7	
0.2	-6.4	
0.3	-4.5	
0.4	-3.1	
0.5	-2.6	
0.6	-2.3	
0.7	-2.7	
0.8	-3.4	
0.9	-4.5	
1.0	-6.2	
1.1	-8.1	
1.2	-10.6	
1.3	-13.0	
1.4	-13.9	
1.5	-13.2	
1.6	-12.3	
1.7	-11.2	
1.8	-11.0	-1.4
1.9	-11.0	-2.0
2.0	-11.5	-2.5
2.1	-12.5	-3.1
2.2	-13.9	-3.6
2.3	-15.8	-4.0
2.4	-18.3	-4.5
2.5	-21.5	-4.9
2.6	-23.3	-5.4
2.7	-22.7	-5.8
2.8	-21.2	-6.2
2.9	-19.2	-6.6
3.0	-18.4	-6.9
3.1	-18.1	-7.3
3.2	-18.2	-7.6
3.3	-18.5	-8.0
3.4	-19.2	-8.3
3.5	-19.7	-8.6
3.6	-20.2	-8.9
3.7	-20.1	-9.2
3.8	-19.9	-9.5
3.9	-19.3	-9.8
4.0	-18.7	-10.1
4.1	-18.7	-10.3
4.2	-18.7	-10.6
4.3	-19.0	-10.8
4.4	-19.6	-11.1
4.5	-20.5	-11.3
4.6	-21.5	-11.6
4.7	-23.2	-11.8
4.8	-24.7	-12.0
4.9	-26.3	-12.3
5.0	-26.4	-12.5
5.1	-25.9	-12.7
5.2	-24.5	-12.9
5.3	-24.1	-13.1
5.4	-23.2	-13.3
5.5	-22.2	-13.5
5.6	-22.0	-13.7
5.7	-21.9	-13.9

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Cobham SATCOM, Sea Tel Products

1.5m EIRPsd Data Table

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

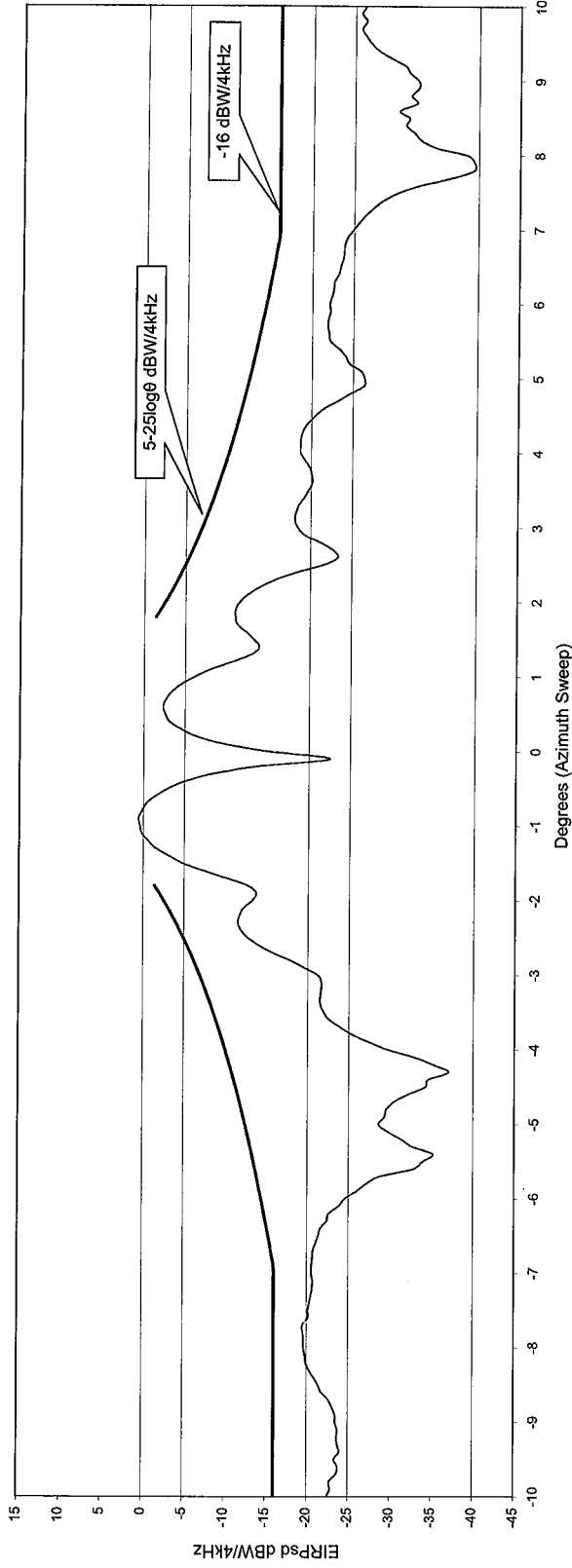
-4.2	-35.2	-10.6
-4.1	-32.9	-10.3
-4.0	-29.8	-10.1
-3.9	-27.5	-9.8
-3.8	-25.5	-9.5
-3.7	-24.0	-9.2
-3.6	-22.6	-8.9
-3.5	-22.0	-8.6
-3.4	-21.5	-8.3
-3.3	-21.5	-8.0
-3.2	-21.6	-7.6
-3.1	-21.7	-7.3
-3.0	-21.2	-6.9
-2.9	-19.6	-6.6
-2.8	-17.9	-6.2
-2.7	-15.7	-5.8
-2.6	-14.1	-5.4
-2.5	-12.8	-4.9
-2.4	-11.9	-4.5
-2.3	-11.5	-4.0
-2.2	-11.7	-3.6
-2.1	-12.2	-3.1
-2.0	-13.2	-2.5
-1.9	-13.7	-2.0
-1.8	-12.7	-1.4
-1.7	-10.1	
-1.6	-7.3	
-1.5	-4.8	
-1.4	-3.1	
-1.3	-1.6	
-1.2	-0.6	
-1.1	0.2	
-1.0	0.4	
-0.9	0.6	
-0.8	0.2	
-0.7	-0.4	
-0.6	-1.5	
-0.5	-3.0	
-0.4	-5.1	
-0.3	-8.5	
-0.2	-13.7	
-0.1	-22.5	
0.0	-15.1	

5.8	-21.9	-14.1
5.9	-22.2	-14.3
6.0	-22.1	-14.5
6.1	-22.3	-14.6
6.2	-22.5	-14.8
6.3	-22.6	-15.0
6.4	-23.2	-15.2
6.5	-23.4	-15.3
6.6	-23.7	-15.5
6.7	-23.8	-15.7
6.8	-23.9	-15.8
6.9	-24.2	-16.0
7.0	-24.9	-16.0
7.1	-25.6	-16.0
7.2	-26.4	-16.0
7.3	-27.4	-16.0
7.4	-28.6	-16.0
7.5	-30.3	-16.0
7.6	-33.1	-16.0
7.7	-36.8	-16.0
7.8	-39.4	-16.0
7.9	-39.5	-16.0
8.0	-38.6	-16.0
8.1	-34.9	-16.0
8.2	-33.0	-16.0
8.3	-32.2	-16.0
8.4	-31.2	-16.0
8.5	-31.6	-16.0
8.6	-30.4	-16.0
8.7	-32.5	-16.0
8.8	-31.8	-16.0
8.9	-32.7	-16.0
9.0	-32.7	-16.0
9.1	-31.6	-16.0
9.2	-31.1	-16.0
9.3	-29.4	-16.0
9.4	-27.8	-16.0
9.5	-26.9	-16.0
9.6	-26.2	-16.0
9.7	-25.8	-16.0
9.8	-26.3	-16.0
9.9	-25.8	-16.0
10.0	-26.2	-16.0

4

Cobnam SATCOM, Sea Tel Products
1.5 meter EIRPsd, HV X-Pol, Azimuth, H-Plane (C)

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



Plot Parameters
Pin sd Gain Cal Factor
-14 44.99 46.46

Peak Excursions dB
1.8° to 7° 7° to 180°
-4.64 -3.48

File: NewFeed_6006_WD_Tx\Sea4.txt

% Over
0.00

Exhibit 5

FCC 25.222(b)(1)(i)(A) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model TT-7080A Sailor 800A VSAT

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Sailor800_VSAT_TT-7080A_EIRPtable_Copol_th180_f1425.txt

With Radome

Based on measurement at Eutelsat Test range in La Turbie. France

Polarization: Co-pol
Freq.: 14.25 GHz
Main beam co-pol. Gain: 40.0 dBi
Spectral Power density: -19.2 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-180.00	-24.31	-43.51	-14.00	29.51
-175.00	-31.98	-51.18	-14.00	37.18
-170.00	-24.12	-43.32	-14.00	29.32
-165.00	-17.80	-37.00	-14.00	23.00
-160.00	-20.31	-39.51	-14.00	25.51
-155.00	-32.01	-51.21	-14.00	37.21
-150.00	-26.87	-46.07	-14.00	32.07
-145.00	-32.59	-51.79	-14.00	37.79
-140.00	-22.65	-41.85	-14.00	27.85
-135.00	-25.75	-44.95	-14.00	30.95
-130.00	-20.48	-39.68	-14.00	25.68
-125.00	-14.28	-33.48	-14.00	19.48
-120.00	-14.12	-33.32	-14.00	19.32
-115.00	-10.02	-29.22	-14.00	15.22
-110.00	-5.26	-24.46	-14.00	10.46
-105.00	-1.80	-21.00	-14.00	7.00
-100.00	-2.13	-21.33	-14.00	7.33
-95.00	-5.06	-24.26	-14.00	10.26
-90.00	-3.64	-22.84	-14.00	8.84
-85.00	-5.05	-24.25	-24.00	0.25
-80.00	-5.80	-25.00	-24.00	1.00
-75.00	-7.12	-26.32	-24.00	2.32
-70.00	-12.88	-32.08	-24.00	8.08
-65.00	-7.93	-27.13	-24.00	3.13
-60.00	-12.80	-32.00	-24.00	8.00
-55.00	-9.13	-28.33	-24.00	4.33
-50.00	-12.69	-31.89	-24.00	7.89
-45.00	-15.24	-34.44	-23.33	11.11
-40.00	-11.48	-30.68	-22.05	8.63
-35.00	-12.11	-31.31	-20.60	10.71
-30.00	-23.28	-42.48	-18.93	23.55
-25.00	-6.39	-25.59	-16.95	8.65
-20.00	-18.26	-37.46	-14.53	22.93
-15.00	-4.24	-23.44	-11.40	12.04
-10.00	1.13	-18.07	-7.00	11.07
-9.90	1.26	-17.94	-6.89	11.05
-9.80	1.19	-18.01	-6.78	11.23
-9.70	0.89	-18.31	-6.67	11.64
-9.60	0.23	-18.97	-6.56	12.42
-9.50	-1.00	-20.20	-6.44	13.75
-9.40	-2.85	-22.05	-6.33	15.72
-9.30	-5.07	-24.27	-6.21	18.06

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-9.20	-8.43	-27.63	-6.00	21.63
-9.10	-12.65	-31.85	-6.00	25.85
-9.00	-13.05	-32.25	-6.00	26.25
-8.90	-8.77	-27.97	-6.00	21.97
-8.80	-5.40	-24.60	-6.00	18.60
-8.70	-3.20	-22.40	-6.00	16.40
-8.60	-1.41	-20.61	-6.00	14.61
-8.50	-0.76	-19.96	-6.00	13.96
-8.40	0.05	-19.15	-6.00	13.15
-8.30	0.50	-18.70	-6.00	12.70
-8.20	0.39	-18.81	-6.00	12.81
-8.10	-0.12	-19.32	-6.00	13.32
-8.00	-0.88	-20.08	-6.00	14.08
-7.90	-1.59	-20.79	-6.00	14.79
-7.80	-3.41	-22.61	-6.00	16.61
-7.70	-5.72	-24.92	-6.00	18.92
-7.60	-9.23	-28.43	-6.00	22.43
-7.50	-13.66	-32.86	-6.00	26.86
-7.40	-15.66	-34.86	-6.00	28.86
-7.30	-12.20	-31.40	-6.00	25.40
-7.20	-11.00	-30.20	-6.00	24.20
-7.10	-9.31	-28.51	-6.00	22.51
-7.00	-9.37	-28.57	-6.13	22.45
-6.90	-10.95	-30.15	-5.97	24.18
-6.80	-15.29	-34.49	-5.81	28.68
-6.70	-42.00	-61.20	-5.65	55.54
-6.60	-12.25	-31.45	-5.49	25.96
-6.50	-6.39	-25.59	-5.32	20.26
-6.40	-2.40	-21.60	-5.15	16.44
-6.30	1.22	-17.98	-4.98	13.00
-6.20	3.80	-15.40	-4.81	10.59
-6.10	5.83	-13.37	-4.63	8.73
-6.00	7.52	-11.68	-4.45	7.23
-5.90	8.90	-10.30	-4.27	6.03
-5.80	9.62	-9.58	-4.09	5.50
-5.70	10.45	-8.75	-3.90	4.85
-5.60	11.03	-8.17	-3.70	4.46
-5.50	11.54	-7.66	-3.51	4.15
-5.40	11.76	-7.44	-3.31	4.13
-5.30	11.75	-7.45	-3.11	4.34
-5.20	11.51	-7.69	-2.90	4.79
-5.10	11.33	-7.87	-2.69	5.18
-5.00	10.82	-8.38	-2.47	5.91
-4.90	10.14	-9.06	-2.25	6.81
-4.80	9.27	-9.93	-2.03	7.90
-4.70	8.31	-10.89	-1.80	9.08
-4.60	7.39	-11.81	-1.57	10.25
-4.50	6.61	-12.59	-1.33	11.26
-4.40	6.26	-12.94	-1.09	11.85
-4.30	6.05	-13.15	-0.84	12.31
-4.20	6.47	-12.73	-0.58	12.15
-4.10	7.17	-12.04	-0.32	11.72
-4.00	8.02	-11.18	-0.05	11.13
-3.90	9.09	-10.11	0.22	10.33
-3.80	10.22	-8.98	0.51	9.49
-3.70	10.96	-8.24	0.79	9.03
-3.60	12.23	-6.98	1.09	8.07
-3.50	13.43	-5.77	1.40	7.17
-3.40	14.67	-4.53	1.71	6.24

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-3.30	15.80	-3.40	2.04	5.44
-3.20	16.81	-2.39	2.37	4.76
-3.10	17.62	-1.58	2.72	4.30
-3.00	18.09	-1.11	3.07	4.18
-2.90	18.55	-0.65	3.44	4.09
-2.80	18.82	-0.38	3.82	4.20
-2.70	18.81	-0.39	4.22	4.61
-2.60	18.46	-0.74	4.63	5.37
-2.50	17.69	-1.51	5.05	6.56
-2.40	16.47	-2.73	5.49	8.22
-2.30	15.29	-3.91	5.96	9.87
-2.20	13.87	-5.33	6.44	11.77
-2.10	14.48	-4.72	6.94	11.66
-2.00	17.49	-1.72	7.47	9.19
-1.90	20.86	1.66	8.03	6.38
-1.80	23.88	4.68	8.62	3.94
-1.70	26.35	7.15	9.24	2.09
-1.60	27.69	8.49	9.90	1.40
-1.50	29.63	10.43	10.60	0.17
-1.40	31.32	12.12	NaN	NaN
-1.30	32.71	13.51	NaN	NaN
-1.20	34.02	14.82	NaN	NaN
-1.10	35.14	15.94	NaN	NaN
-1.00	35.67	16.47	NaN	NaN
-0.90	36.78	17.58	NaN	NaN
-0.80	37.47	18.27	NaN	NaN
-0.70	38.04	18.84	NaN	NaN
-0.60	38.56	19.36	NaN	NaN
-0.50	39.10	19.90	NaN	NaN
-0.40	39.43	20.23	NaN	NaN
-0.30	39.71	20.51	NaN	NaN
-0.20	39.86	20.66	NaN	NaN
-0.10	40.00	20.80	NaN	NaN
0.00	39.99	20.79	NaN	NaN
0.10	39.97	20.77	NaN	NaN
0.20	39.79	20.59	NaN	NaN
0.30	39.55	20.35	NaN	NaN
0.40	39.36	20.16	NaN	NaN
0.50	38.93	19.73	NaN	NaN
0.60	38.49	19.29	NaN	NaN
0.70	37.89	18.69	NaN	NaN
0.80	37.19	17.99	NaN	NaN
0.90	36.36	17.16	NaN	NaN
1.00	35.46	16.26	NaN	NaN
1.10	34.76	15.56	NaN	NaN
1.20	33.60	14.40	NaN	NaN
1.30	32.23	13.03	NaN	NaN
1.40	30.72	11.52	NaN	NaN
1.50	28.97	9.77	10.60	0.83
1.60	26.90	7.70	9.90	2.20
1.70	24.46	5.26	9.24	3.98
1.80	22.35	3.15	8.62	5.47
1.90	18.84	-0.36	8.03	8.39
2.00	14.23	-4.97	7.47	12.44
2.10	9.86	-9.34	6.94	16.28
2.20	11.33	-7.87	6.44	14.31
2.30	14.62	-4.58	5.96	10.54
2.40	16.74	-2.46	5.49	7.96
2.50	17.61	-1.59	5.05	6.64

5

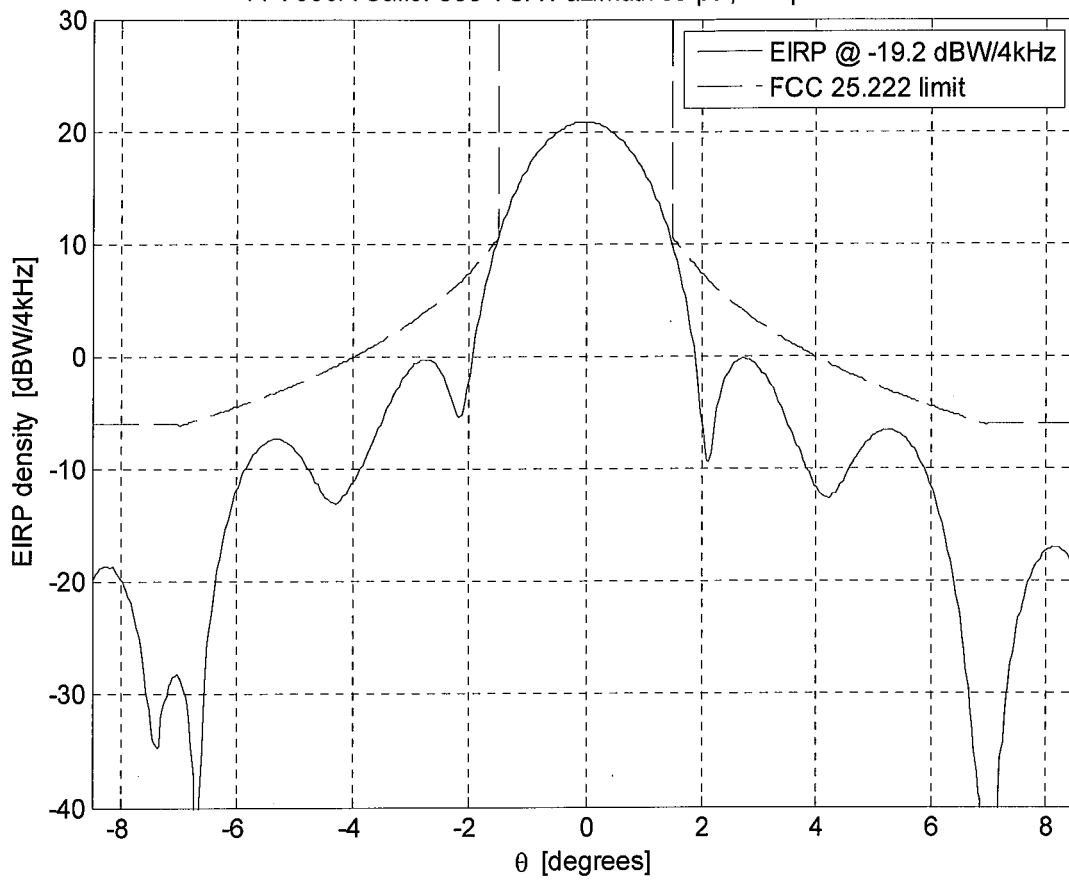
2.60	18.48	-0.72	4.63	5.35
2.70	18.83	-0.38	4.22	4.59
2.80	18.86	-0.34	3.82	4.17
2.90	18.59	-0.61	3.44	4.05
3.00	18.10	-1.10	3.07	4.17
3.10	17.39	-1.81	2.72	4.53
3.20	16.88	-2.32	2.37	4.69
3.30	15.88	-3.32	2.04	5.35
3.40	14.70	-4.51	1.71	6.22
3.50	13.43	-5.77	1.40	7.17
3.60	12.18	-7.02	1.09	8.11
3.70	10.85	-8.35	0.79	9.15
3.80	9.55	-9.65	0.51	10.16
3.90	8.75	-10.45	0.22	10.68
4.00	7.65	-11.56	-0.05	11.50
4.10	6.87	-12.33	-0.32	12.01
4.20	6.57	-12.64	-0.58	12.05
4.30	6.85	-12.36	-0.84	11.52
4.40	7.41	-11.79	-1.09	10.70
4.50	8.30	-10.90	-1.33	9.57
4.60	8.97	-10.23	-1.57	8.67
4.70	9.97	-9.24	-1.80	7.43
4.80	10.86	-8.34	-2.03	6.31
4.90	11.51	-7.69	-2.25	5.44
5.00	12.03	-7.17	-2.47	4.70
5.10	12.40	-6.80	-2.69	4.11
5.20	12.55	-6.66	-2.90	3.75
5.30	12.55	-6.65	-3.11	3.54
5.40	12.43	-6.77	-3.31	3.46
5.50	12.07	-7.13	-3.51	3.62
5.60	11.53	-7.67	-3.70	3.96
5.70	10.87	-8.33	-3.90	4.43
5.80	9.89	-9.31	-4.09	5.23
5.90	8.72	-10.48	-4.27	6.21
6.00	7.81	-11.39	-4.45	6.94
6.10	6.20	-13.00	-4.63	8.37
6.20	4.25	-14.95	-4.81	10.14
6.30	1.89	-17.31	-4.98	12.32
6.40	-0.94	-20.14	-5.15	14.99
6.50	-4.35	-23.55	-5.32	18.23
6.60	-8.73	-27.93	-5.49	22.44
6.70	-12.41	-31.61	-5.65	25.96
6.80	-17.79	-36.99	-5.81	31.17
6.90	-23.11	-42.31	-5.97	36.34
7.00	-24.89	-44.09	-6.13	37.96
7.10	-23.52	-42.72	-6.00	36.72
7.20	-16.55	-35.75	-6.00	29.75
7.30	-11.12	-30.32	-6.00	24.32
7.40	-8.33	-27.53	-6.00	21.53
7.50	-5.22	-24.42	-6.00	18.42
7.60	-2.94	-22.14	-6.00	16.14
7.70	-1.05	-20.25	-6.00	14.25
7.80	0.32	-18.88	-6.00	12.88
7.90	1.12	-18.08	-6.00	12.08
8.00	1.82	-17.38	-6.00	11.38
8.10	2.04	-17.16	-6.00	11.16
8.20	2.06	-17.14	-6.00	11.14
8.30	1.75	-17.45	-6.00	11.45
8.40	1.18	-18.02	-6.00	12.02

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8.50	0.14	-19.06	-6.00	13.06
8.60	-1.15	-20.35	-6.00	14.35
8.70	-3.25	-22.45	-6.00	16.45
8.80	-6.09	-25.29	-6.00	19.29
8.90	-8.54	-27.74	-6.00	21.74
9.00	-10.03	-29.23	-6.00	23.23
9.10	-8.15	-27.35	-6.00	21.35
9.20	-5.02	-24.22	-6.00	18.22
9.30	-2.64	-21.84	-6.21	15.63
9.40	-0.71	-19.91	-6.33	13.58
9.50	-0.35	-19.55	-6.44	13.11
9.60	0.76	-18.44	-6.56	11.88
9.70	1.41	-17.79	-6.67	11.12
9.80	1.57	-17.63	-6.78	10.85
9.90	1.57	-17.63	-6.89	10.74
10.00	1.12	-18.08	-7.00	11.08
15.00	-1.04	-20.24	-11.40	8.84
20.00	-11.75	-30.95	-14.53	16.42
25.00	-7.73	-26.93	-16.95	9.98
30.00	-14.79	-33.99	-18.93	15.06
35.00	-14.14	-33.34	-20.60	12.74
40.00	-15.68	-34.88	-22.05	12.82
45.00	-14.27	-33.47	-23.33	10.14
50.00	-21.62	-40.82	-24.00	16.82
55.00	-10.49	-29.69	-24.00	5.69
60.00	-13.19	-32.39	-24.00	8.39
65.00	-7.68	-26.88	-24.00	2.88
70.00	-10.19	-29.39	-24.00	5.39
75.00	-7.00	-26.20	-24.00	2.20
80.00	-6.99	-26.19	-24.00	2.19
85.00	-6.84	-26.04	-24.00	2.04
90.00	-4.24	-23.44	-14.00	9.44
95.00	-5.23	-24.43	-14.00	10.43
100.00	-2.63	-21.83	-14.00	7.83
105.00	-1.94	-21.14	-14.00	7.13
110.00	-6.04	-25.24	-14.00	11.24
115.00	-10.70	-29.90	-14.00	15.90
120.00	-12.84	-32.04	-14.00	18.04
125.00	-15.83	-35.03	-14.00	21.03
130.00	-15.61	-34.81	-14.00	20.81
135.00	-20.71	-39.91	-14.00	25.91
140.00	-15.75	-34.95	-14.00	20.95
145.00	-20.32	-39.52	-14.00	25.52
150.00	-18.27	-37.47	-14.00	23.47
155.00	-24.90	-44.10	-14.00	30.10
160.00	-28.83	-48.03	-14.00	34.03
165.00	-17.53	-36.73	-14.00	22.73
170.00	-16.10	-35.30	-14.00	21.30
175.00	-24.48	-43.68	-14.00	29.68
180.00	-31.21	-50.41	-14.00	36.41

S

TT-7080A Sailor 800 VSAT azimuth co-pol, Freq=14.25GHz



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TT-7080A Sailor 800 VSAT azimuth co-pol, Freq=14.25GHz

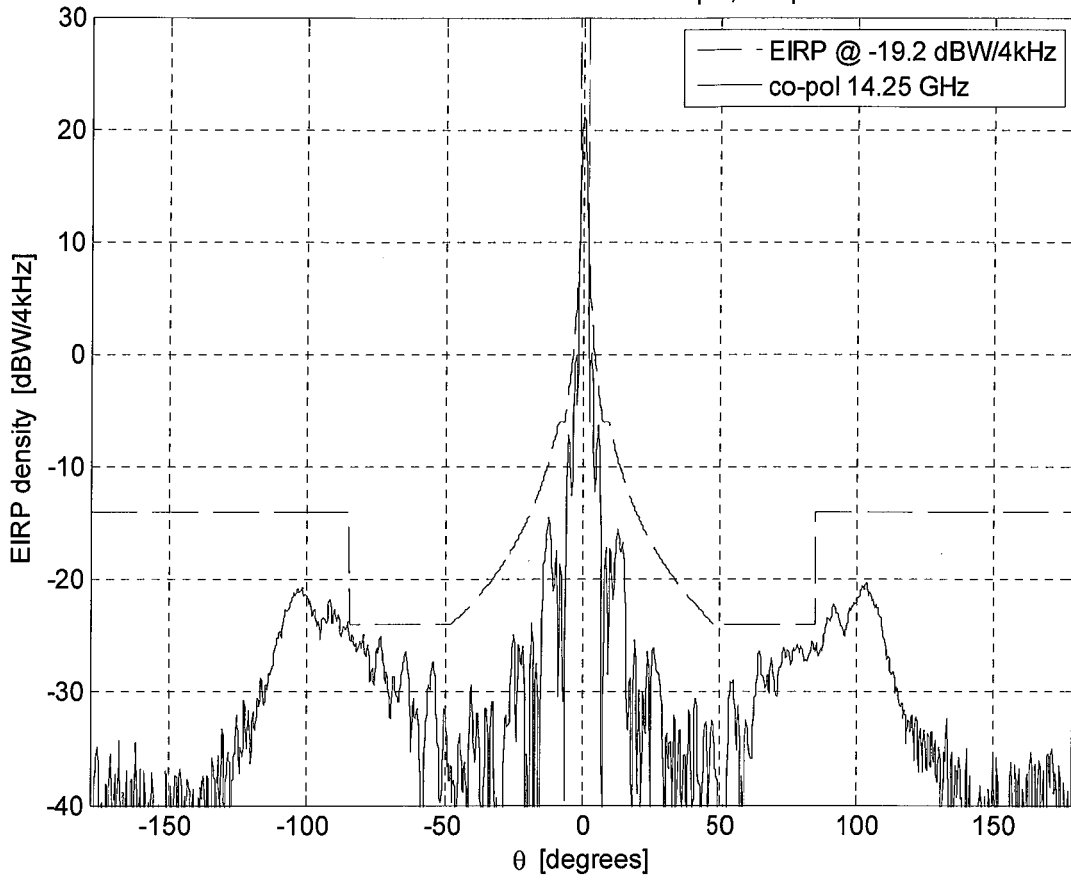


Exhibit 6

FCC 25.222(b)(1)(i)(B) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model TT-7080A Sailor 800A VSAT

6

Sailor800_VSAT_TT-7080A_EIRPtable_Copol_th180_f1425.txt

With Radome

Based on measurement at Eutelsat Test range in La Turbie. France

Polarization: Co-pol
Freq.: 14.25 GHz
Main beam co-pol. Gain: 40.0 dBi
Spectral Power density: -19.2 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-180.00	-24.31	-43.51	-14.00	29.51
-175.00	-31.98	-51.18	-14.00	37.18
-170.00	-24.12	-43.32	-14.00	29.32
-165.00	-17.80	-37.00	-14.00	23.00
-160.00	-20.31	-39.51	-14.00	25.51
-155.00	-32.01	-51.21	-14.00	37.21
-150.00	-26.87	-46.07	-14.00	32.07
-145.00	-32.59	-51.79	-14.00	37.79
-140.00	-22.65	-41.85	-14.00	27.85
-135.00	-25.75	-44.95	-14.00	30.95
-130.00	-20.48	-39.68	-14.00	25.68
-125.00	-14.28	-33.48	-14.00	19.48
-120.00	-14.12	-33.32	-14.00	19.32
-115.00	-10.02	-29.22	-14.00	15.22
-110.00	-5.26	-24.46	-14.00	10.46
-105.00	-1.80	-21.00	-14.00	7.00
-100.00	-2.13	-21.33	-14.00	7.33
-95.00	-5.06	-24.26	-14.00	10.26
-90.00	-3.64	-22.84	-14.00	8.84
-85.00	-5.05	-24.25	-24.00	0.25
-80.00	-5.80	-25.00	-24.00	1.00
-75.00	-7.12	-26.32	-24.00	2.32
-70.00	-12.88	-32.08	-24.00	8.08
-65.00	-7.93	-27.13	-24.00	3.13
-60.00	-12.80	-32.00	-24.00	8.00
-55.00	-9.13	-28.33	-24.00	4.33
-50.00	-12.69	-31.89	-24.00	7.89
-45.00	-15.24	-34.44	-23.33	11.11
-40.00	-11.48	-30.68	-22.05	8.63
-35.00	-12.11	-31.31	-20.60	10.71
-30.00	-23.28	-42.48	-18.93	23.55
-25.00	-6.39	-25.59	-16.95	8.65
-20.00	-18.26	-37.46	-14.53	22.93
-15.00	-4.24	-23.44	-11.40	12.04
-10.00	1.13	-18.07	-7.00	11.07
-9.90	1.26	-17.94	-6.89	11.05
-9.80	1.19	-18.01	-6.78	11.23
-9.70	0.89	-18.31	-6.67	11.64
-9.60	0.23	-18.97	-6.56	12.42
-9.50	-1.00	-20.20	-6.44	13.75
-9.40	-2.85	-22.05	-6.33	15.72
-9.30	-5.07	-24.27	-6.21	18.06

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-9.20	-8.43	-27.63	-6.00	21.63
-9.10	-12.65	-31.85	-6.00	25.85
-9.00	-13.05	-32.25	-6.00	26.25
-8.90	-8.77	-27.97	-6.00	21.97
-8.80	-5.40	-24.60	-6.00	18.60
-8.70	-3.20	-22.40	-6.00	16.40
-8.60	-1.41	-20.61	-6.00	14.61
-8.50	-0.76	-19.96	-6.00	13.96
-8.40	0.05	-19.15	-6.00	13.15
-8.30	0.50	-18.70	-6.00	12.70
-8.20	0.39	-18.81	-6.00	12.81
-8.10	-0.12	-19.32	-6.00	13.32
-8.00	-0.88	-20.08	-6.00	14.08
-7.90	-1.59	-20.79	-6.00	14.79
-7.80	-3.41	-22.61	-6.00	16.61
-7.70	-5.72	-24.92	-6.00	18.92
-7.60	-9.23	-28.43	-6.00	22.43
-7.50	-13.66	-32.86	-6.00	26.86
-7.40	-15.66	-34.86	-6.00	28.86
-7.30	-12.20	-31.40	-6.00	25.40
-7.20	-11.00	-30.20	-6.00	24.20
-7.10	-9.31	-28.51	-6.00	22.51
-7.00	-9.37	-28.57	-6.13	22.45
-6.90	-10.95	-30.15	-5.97	24.18
-6.80	-15.29	-34.49	-5.81	28.68
-6.70	-42.00	-61.20	-5.65	55.54
-6.60	-12.25	-31.45	-5.49	25.96
-6.50	-6.39	-25.59	-5.32	20.26
-6.40	-2.40	-21.60	-5.15	16.44
-6.30	1.22	-17.98	-4.98	13.00
-6.20	3.80	-15.40	-4.81	10.59
-6.10	5.83	-13.37	-4.63	8.73
-6.00	7.52	-11.68	-4.45	7.23
-5.90	8.90	-10.30	-4.27	6.03
-5.80	9.62	-9.58	-4.09	5.50
-5.70	10.45	-8.75	-3.90	4.85
-5.60	11.03	-8.17	-3.70	4.46
-5.50	11.54	-7.66	-3.51	4.15
-5.40	11.76	-7.44	-3.31	4.13
-5.30	11.75	-7.45	-3.11	4.34
-5.20	11.51	-7.69	-2.90	4.79
-5.10	11.33	-7.87	-2.69	5.18
-5.00	10.82	-8.38	-2.47	5.91
-4.90	10.14	-9.06	-2.25	6.81
-4.80	9.27	-9.93	-2.03	7.90
-4.70	8.31	-10.89	-1.80	9.08
-4.60	7.39	-11.81	-1.57	10.25
-4.50	6.61	-12.59	-1.33	11.26
-4.40	6.26	-12.94	-1.09	11.85
-4.30	6.05	-13.15	-0.84	12.31
-4.20	6.47	-12.73	-0.58	12.15
-4.10	7.17	-12.04	-0.32	11.72
-4.00	8.02	-11.18	-0.05	11.13
-3.90	9.09	-10.11	0.22	10.33
-3.80	10.22	-8.98	0.51	9.49
-3.70	10.96	-8.24	0.79	9.03
-3.60	12.23	-6.98	1.09	8.07
-3.50	13.43	-5.77	1.40	7.17
-3.40	14.67	-4.53	1.71	6.24

4

-3.30	15.80	-3.40	2.04	5.44
-3.20	16.81	-2.39	2.37	4.76
-3.10	17.62	-1.58	2.72	4.30
-3.00	18.09	-1.11	3.07	4.18
-2.90	18.55	-0.65	3.44	4.09
-2.80	18.82	-0.38	3.82	4.20
-2.70	18.81	-0.39	4.22	4.61
-2.60	18.46	-0.74	4.63	5.37
-2.50	17.69	-1.51	5.05	6.56
-2.40	16.47	-2.73	5.49	8.22
-2.30	15.29	-3.91	5.96	9.87
-2.20	13.87	-5.33	6.44	11.77
-2.10	14.48	-4.72	6.94	11.66
-2.00	17.49	-1.72	7.47	9.19
-1.90	20.86	1.66	8.03	6.38
-1.80	23.88	4.68	8.62	3.94
-1.70	26.35	7.15	9.24	2.09
-1.60	27.69	8.49	9.90	1.40
-1.50	29.63	10.43	10.60	0.17
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0.00	39.99	20.79	NaN	NaN
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1.30	32.23	13.03	NaN	NaN
1.40	30.72	11.52	NaN	NaN
1.50	28.97	9.77	10.60	0.83
1.60	26.90	7.70	9.90	2.20
1.70	24.46	5.26	9.24	3.98
1.80	22.35	3.15	8.62	5.47
1.90	18.84	-0.36	8.03	8.39
2.00	14.23	-4.97	7.47	12.44
2.10	9.86	-9.34	6.94	16.28
2.20	11.33	-7.87	6.44	14.31
2.30	14.62	-4.58	5.96	10.54
2.40	16.74	-2.46	5.49	7.96
2.50	17.61	-1.59	5.05	6.64

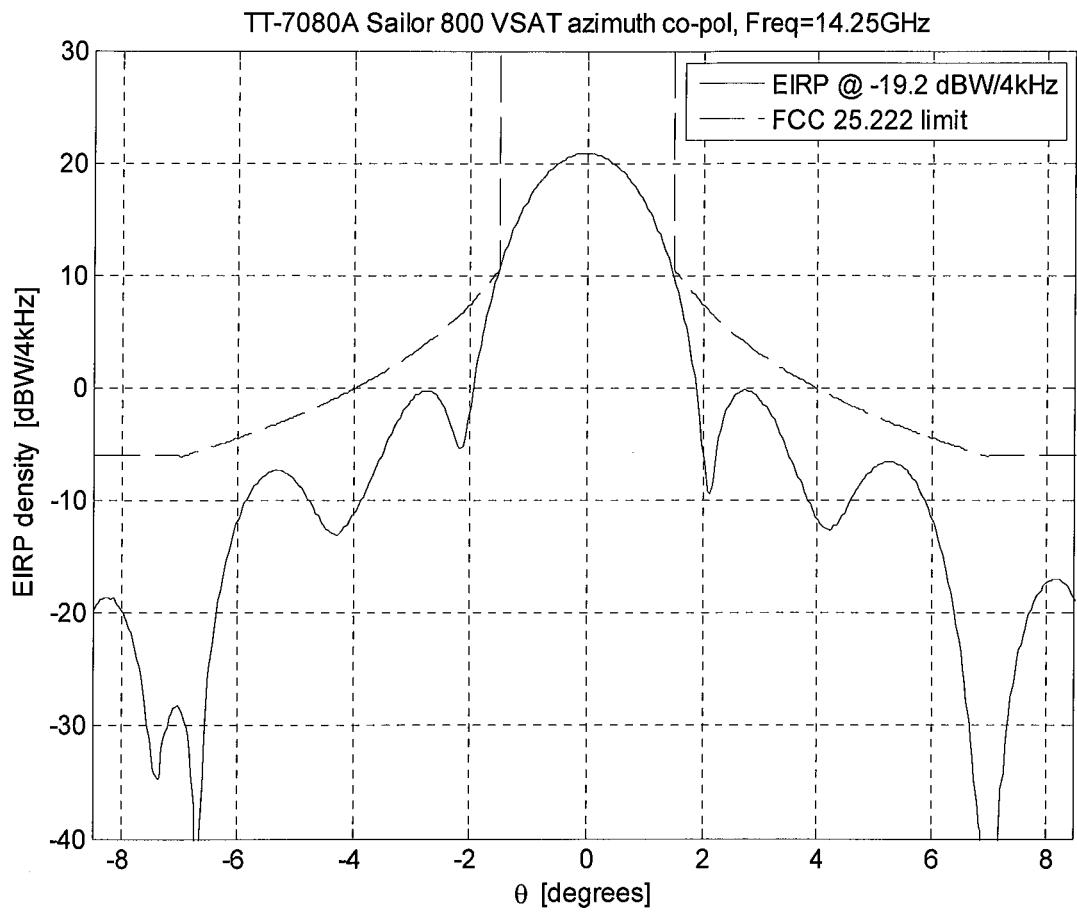
6

2.60	18.48	-0.72	4.63	5.35
2.70	18.83	-0.38	4.22	4.59
2.80	18.86	-0.34	3.82	4.17
2.90	18.59	-0.61	3.44	4.05
3.00	18.10	-1.10	3.07	4.17
3.10	17.39	-1.81	2.72	4.53
3.20	16.88	-2.32	2.37	4.69
3.30	15.88	-3.32	2.04	5.35
3.40	14.70	-4.51	1.71	6.22
3.50	13.43	-5.77	1.40	7.17
3.60	12.18	-7.02	1.09	8.11
3.70	10.85	-8.35	0.79	9.15
3.80	9.55	-9.65	0.51	10.16
3.90	8.75	-10.45	0.22	10.68
4.00	7.65	-11.56	-0.05	11.50
4.10	6.87	-12.33	-0.32	12.01
4.20	6.57	-12.64	-0.58	12.05
4.30	6.85	-12.36	-0.84	11.52
4.40	7.41	-11.79	-1.09	10.70
4.50	8.30	-10.90	-1.33	9.57
4.60	8.97	-10.23	-1.57	8.67
4.70	9.97	-9.24	-1.80	7.43
4.80	10.86	-8.34	-2.03	6.31
4.90	11.51	-7.69	-2.25	5.44
5.00	12.03	-7.17	-2.47	4.70
5.10	12.40	-6.80	-2.69	4.11
5.20	12.55	-6.66	-2.90	3.75
5.30	12.55	-6.65	-3.11	3.54
5.40	12.43	-6.77	-3.31	3.46
5.50	12.07	-7.13	-3.51	3.62
5.60	11.53	-7.67	-3.70	3.96
5.70	10.87	-8.33	-3.90	4.43
5.80	9.89	-9.31	-4.09	5.23
5.90	8.72	-10.48	-4.27	6.21
6.00	7.81	-11.39	-4.45	6.94
6.10	6.20	-13.00	-4.63	8.37
6.20	4.25	-14.95	-4.81	10.14
6.30	1.89	-17.31	-4.98	12.32
6.40	-0.94	-20.14	-5.15	14.99
6.50	-4.35	-23.55	-5.32	18.23
6.60	-8.73	-27.93	-5.49	22.44
6.70	-12.41	-31.61	-5.65	25.96
6.80	-17.79	-36.99	-5.81	31.17
6.90	-23.11	-42.31	-5.97	36.34
7.00	-24.89	-44.09	-6.13	37.96
7.10	-23.52	-42.72	-6.00	36.72
7.20	-16.55	-35.75	-6.00	29.75
7.30	-11.12	-30.32	-6.00	24.32
7.40	-8.33	-27.53	-6.00	21.53
7.50	-5.22	-24.42	-6.00	18.42
7.60	-2.94	-22.14	-6.00	16.14
7.70	-1.05	-20.25	-6.00	14.25
7.80	0.32	-18.88	-6.00	12.88
7.90	1.12	-18.08	-6.00	12.08
8.00	1.82	-17.38	-6.00	11.38
8.10	2.04	-17.16	-6.00	11.16
8.20	2.06	-17.14	-6.00	11.14
8.30	1.75	-17.45	-6.00	11.45
8.40	1.18	-18.02	-6.00	12.02

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8.50	0.14	-19.06	-6.00	13.06
8.60	-1.15	-20.35	-6.00	14.35
8.70	-3.25	-22.45	-6.00	16.45
8.80	-6.09	-25.29	-6.00	19.29
8.90	-8.54	-27.74	-6.00	21.74
9.00	-10.03	-29.23	-6.00	23.23
9.10	-8.15	-27.35	-6.00	21.35
9.20	-5.02	-24.22	-6.00	18.22
9.30	-2.64	-21.84	-6.21	15.63
9.40	-0.71	-19.91	-6.33	13.58
9.50	-0.35	-19.55	-6.44	13.11
9.60	0.76	-18.44	-6.56	11.88
9.70	1.41	-17.79	-6.67	11.12
9.80	1.57	-17.63	-6.78	10.85
9.90	1.57	-17.63	-6.89	10.74
10.00	1.12	-18.08	-7.00	11.08
15.00	-1.04	-20.24	-11.40	8.84
20.00	-11.75	-30.95	-14.53	16.42
25.00	-7.73	-26.93	-16.95	9.98
30.00	-14.79	-33.99	-18.93	15.06
35.00	-14.14	-33.34	-20.60	12.74
40.00	-15.68	-34.88	-22.05	12.82
45.00	-14.27	-33.47	-23.33	10.14
50.00	-21.62	-40.82	-24.00	16.82
55.00	-10.49	-29.69	-24.00	5.69
60.00	-13.19	-32.39	-24.00	8.39
65.00	-7.68	-26.88	-24.00	2.88
70.00	-10.19	-29.39	-24.00	5.39
75.00	-7.00	-26.20	-24.00	2.20
80.00	-6.99	-26.19	-24.00	2.19
85.00	-6.84	-26.04	-24.00	2.04
90.00	-4.24	-23.44	-14.00	9.44
95.00	-5.23	-24.43	-14.00	10.43
100.00	-2.63	-21.83	-14.00	7.83
105.00	-1.94	-21.14	-14.00	7.13
110.00	-6.04	-25.24	-14.00	11.24
115.00	-10.70	-29.90	-14.00	15.90
120.00	-12.84	-32.04	-14.00	18.04
125.00	-15.83	-35.03	-14.00	21.03
130.00	-15.61	-34.81	-14.00	20.81
135.00	-20.71	-39.91	-14.00	25.91
140.00	-15.75	-34.95	-14.00	20.95
145.00	-20.32	-39.52	-14.00	25.52
150.00	-18.27	-37.47	-14.00	23.47
155.00	-24.90	-44.10	-14.00	30.10
160.00	-28.83	-48.03	-14.00	34.03
165.00	-17.53	-36.73	-14.00	22.73
170.00	-16.10	-35.30	-14.00	21.30
175.00	-24.48	-43.68	-14.00	29.68
180.00	-31.21	-50.41	-14.00	36.41

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TT-7080A Sailor 800 VSAT azimuth co-pol, Freq=14.25GHz

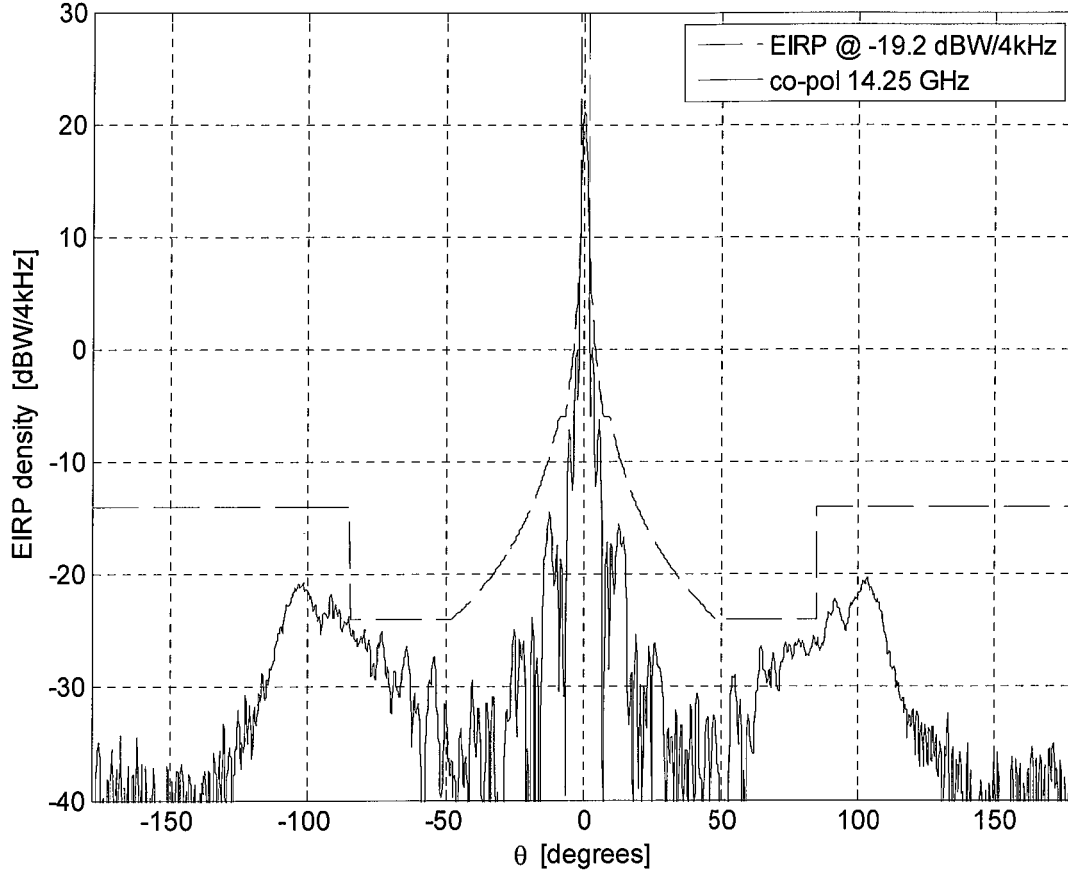


Exhibit 7

FCC 25.222(b)(1)(i)(C) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model TT-7080A Sailor 800A VSAT

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Sailor800_VSAT_TT-7080A_EIRPtable_Cross-pol_th10_f1425.txt

With Radome

EIRP FCC-compliance

Based on measurement at Eutelsat Test range in La Turbie. France

Polarization: Co-pol
 Freq.: 14.25 GHz
 Main beam co-pol. Gain: 40.0 dBi
 Spectral Power density: -19.2 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-10.00	-24.44	-43.64	NaN	NaN
-9.90	-24.96	-44.16	NaN	NaN
-9.80	-25.17	-44.37	NaN	NaN
-9.70	-26.23	-45.43	NaN	NaN
-9.60	-25.71	-44.91	NaN	NaN
-9.50	-25.92	-45.12	NaN	NaN
-9.40	-26.15	-45.35	NaN	NaN
-9.30	-22.80	-42.00	NaN	NaN
-9.20	-24.81	-44.01	-16.00	28.01
-9.10	-23.62	-42.82	-16.00	26.82
-9.00	-26.01	-45.21	-16.00	29.21
-8.90	-23.87	-43.07	-16.00	27.07
-8.80	-22.37	-41.57	-16.00	25.57
-8.70	-20.53	-39.73	-16.00	23.73
-8.60	-20.42	-39.62	-16.00	23.62
-8.50	-19.96	-39.16	-16.00	23.16
-8.40	-19.04	-38.24	-16.00	22.24
-8.30	-18.06	-37.26	-16.00	21.26
-8.20	-17.88	-37.08	-16.00	21.08
-8.10	-17.78	-36.98	-16.00	20.98
-8.00	-17.10	-36.30	-16.00	20.30
-7.90	-17.43	-36.63	-16.00	20.63
-7.80	-16.20	-35.40	-16.00	19.40
-7.70	-16.52	-35.72	-16.00	19.72
-7.60	-16.38	-35.58	-16.00	19.58
-7.50	-16.27	-35.47	-16.00	19.47
-7.40	-15.82	-35.02	-16.00	19.02
-7.30	-17.19	-36.39	-16.00	20.39
-7.20	-17.25	-36.45	-16.00	20.45
-7.10	-16.96	-36.16	-16.00	20.16
-7.00	-18.12	-37.32	-16.13	21.19
-6.90	-17.43	-36.63	-15.97	20.66
-6.80	-17.92	-37.12	-15.81	21.30
-6.70	-17.67	-36.87	-15.65	21.22
-6.60	-17.75	-36.95	-15.49	21.46
-6.50	-17.21	-36.41	-15.32	21.09
-6.40	-17.41	-36.61	-15.15	21.46
-6.30	-18.03	-37.23	-14.98	22.25
-6.20	-17.91	-37.11	-14.81	22.30
-6.10	-18.60	-37.80	-14.63	23.17
-6.00	-20.01	-39.21	-14.45	24.76
-5.90	-21.79	-40.99	-14.27	26.71
-5.80	-24.59	-43.79	-14.09	29.70
-5.70	-27.54	-46.74	-13.90	32.85
-5.60	-39.86	-59.06	-13.70	45.35

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-5.50	-28.83	-48.03	-13.51	34.52
-5.40	-24.96	-44.16	-13.31	30.85
-5.30	-19.40	-38.60	-13.11	25.49
-5.20	-17.30	-36.50	-12.90	23.60
-5.10	-15.48	-34.68	-12.69	21.99
-5.00	-14.06	-33.26	-12.47	20.78
-4.90	-12.43	-31.63	-12.25	19.37
-4.80	-11.43	-30.63	-12.03	18.60
-4.70	-10.75	-29.95	-11.80	18.15
-4.60	-10.15	-29.35	-11.57	17.78
-4.50	-9.67	-28.87	-11.33	17.54
-4.40	-9.36	-28.56	-11.09	17.47
-4.30	-8.80	-28.00	-10.84	17.17
-4.20	-8.80	-28.00	-10.58	17.42
-4.10	-8.57	-27.77	-10.32	17.45
-4.00	-8.48	-27.68	-10.05	17.63
-3.90	-8.29	-27.49	-9.78	17.71
-3.80	-8.48	-27.68	-9.49	18.18
-3.70	-8.08	-27.28	-9.21	18.08
-3.60	-7.93	-27.13	-8.91	18.22
-3.50	-8.06	-27.26	-8.60	18.66
-3.40	-7.46	-26.66	-8.29	18.37
-3.30	-7.49	-26.69	-7.96	18.73
-3.20	-6.92	-26.12	-7.63	18.49
-3.10	-6.70	-25.90	-7.28	18.61
-3.00	-6.14	-25.34	-6.93	18.41
-2.90	-5.72	-24.92	-6.56	18.36
-2.80	-5.36	-24.56	-6.18	18.38
-2.70	-5.03	-24.23	-5.78	18.45
-2.60	-4.88	-24.08	-5.37	18.71
-2.50	-4.95	-24.15	-4.95	19.20
-2.40	-4.98	-24.18	-4.51	19.68
-2.30	-4.95	-24.15	-4.04	20.11
-2.20	-4.75	-23.95	-3.56	20.39
-2.10	-4.79	-23.99	-3.06	20.94
-2.00	-5.07	-24.27	-2.53	21.75
-1.90	-5.21	-24.41	-1.97	22.44
-1.80	-5.10	-24.30	-1.38	22.92
-1.70	-5.26	-24.46	-0.76	23.70
-1.60	-5.38	-24.58	-0.10	24.47
-1.50	-5.54	-24.74	0.60	25.34
-1.40	-5.76	-24.96	NaN	NaN
-1.30	-5.51	-24.71	NaN	NaN
-1.20	-5.82	-25.02	NaN	NaN
-1.10	-5.99	-25.19	NaN	NaN
-1.00	-6.23	-25.43	NaN	NaN
-0.90	-6.71	-25.91	NaN	NaN
-0.80	-7.04	-26.24	NaN	NaN
-0.70	-7.31	-26.51	NaN	NaN
-0.60	-7.51	-26.71	NaN	NaN
-0.50	-7.86	-27.06	NaN	NaN
-0.40	-7.81	-27.01	NaN	NaN
-0.30	-7.89	-27.09	NaN	NaN
-0.20	-8.19	-27.39	NaN	NaN
-0.10	-7.91	-27.11	NaN	NaN
0.00	-8.61	-27.81	NaN	NaN
0.10	-8.66	-27.86	NaN	NaN
0.20	-8.88	-28.08	NaN	NaN
0.30	-9.36	-28.56	NaN	NaN

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0.40	-9.46	-28.66	NaN	NaN
0.50	-9.71	-28.91	NaN	NaN
0.60	-9.57	-28.77	NaN	NaN
0.70	-9.33	-28.53	NaN	NaN
0.80	-8.68	-27.88	NaN	NaN
0.90	-7.57	-26.77	NaN	NaN
1.00	-6.77	-25.97	NaN	NaN
1.10	-5.66	-24.86	NaN	NaN
1.20	-5.33	-24.53	NaN	NaN
1.30	-4.52	-23.72	NaN	NaN
1.40	-4.16	-23.36	NaN	NaN
1.50	-3.67	-22.87	0.60	23.47
1.60	-3.43	-22.63	-0.10	22.53
1.70	-3.43	-22.63	-0.76	21.87
1.80	-3.37	-22.57	-1.38	21.19
1.90	-3.45	-22.65	-1.97	20.68
2.00	-3.92	-23.12	-2.53	20.60
2.10	-4.41	-23.61	-3.06	20.56
2.20	-4.65	-23.85	-3.56	20.29
2.30	-5.73	-24.93	-4.04	20.89
2.40	-6.57	-25.77	-4.51	21.27
2.50	-7.24	-26.44	-4.95	21.49
2.60	-9.02	-28.22	-5.37	22.84
2.70	-10.70	-29.90	-5.78	24.12
2.80	-12.95	-32.15	-6.18	25.97
2.90	-15.95	-35.15	-6.56	28.59
3.00	-19.68	-38.88	-6.93	31.95
3.10	-19.82	-39.02	-7.28	31.73
3.20	-18.13	-37.33	-7.63	29.70
3.30	-15.42	-34.62	-7.96	26.65
3.40	-13.08	-32.28	-8.29	23.99
3.50	-11.16	-30.36	-8.60	21.76
3.60	-10.41	-29.61	-8.91	20.70
3.70	-9.26	-28.46	-9.21	19.25
3.80	-9.28	-28.48	-9.49	18.98
3.90	-8.82	-28.02	-9.78	18.24
4.00	-8.78	-27.98	-10.05	17.93
4.10	-8.75	-27.95	-10.32	17.63
4.20	-9.34	-28.54	-10.58	17.95
4.30	-9.55	-28.75	-10.84	17.92
4.40	-10.27	-29.47	-11.09	18.39
4.50	-10.72	-29.92	-11.33	18.59
4.60	-11.50	-30.70	-11.57	19.13
4.70	-12.01	-31.21	-11.80	19.41
4.80	-12.73	-31.93	-12.03	19.90
4.90	-13.05	-32.25	-12.25	20.00
5.00	-13.42	-32.62	-12.47	20.15
5.10	-13.85	-33.05	-12.69	20.36
5.20	-14.03	-33.23	-12.90	20.33
5.30	-13.47	-32.67	-13.11	19.57
5.40	-13.57	-32.77	-13.31	19.46
5.50	-13.79	-32.99	-13.51	19.48
5.60	-13.94	-33.14	-13.70	19.44
5.70	-14.61	-33.81	-13.90	19.91
5.80	-14.04	-33.24	-14.09	19.16
5.90	-14.72	-33.92	-14.27	19.64
6.00	-15.07	-34.27	-14.45	19.81
6.10	-15.68	-34.88	-14.63	20.24
6.20	-16.05	-35.25	-14.81	20.44

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TT-7080A Sailor 800 VSAT azimuth cross-pol, Freq=14.25GHz

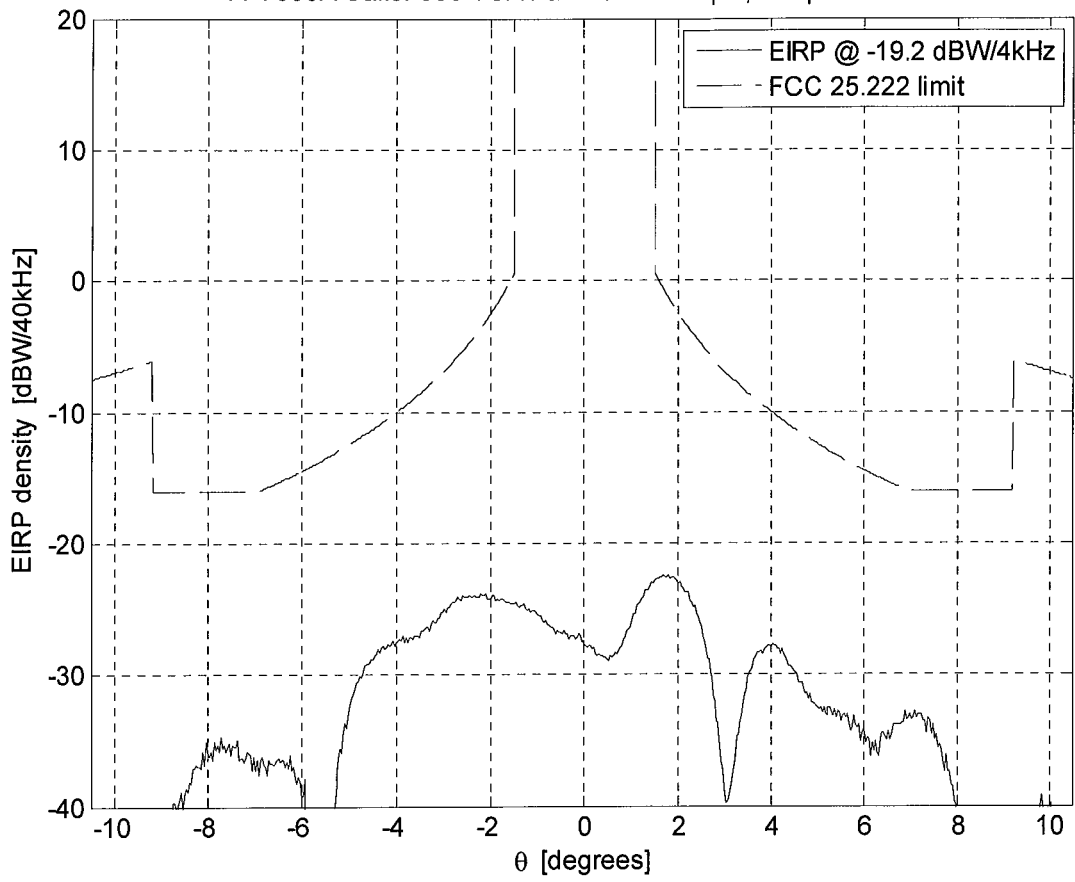


Exhibit 8

**FCC 25.222(b)(1)(i)(A) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model Sailor
900B VSAT 407009B-00500**

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Sailor900_VSAT_407009B-00500_EIRPtable_Copol_th180_f1425.txt

With Radome

EIRP FCC25.222-compliance

Based on measurement at Eutelsat Test range in La Turbie France

Polarization: Co-pol
Freq.: 14.25 GHz
Main beam co-pol. Gain: 41.0 dBi
Spectral Power density: -15.8 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-180.00	-19.69	-35.49	-14.00	21.49
-175.00	-31.59	-47.39	-14.00	33.39
-170.00	-41.90	-57.70	-14.00	43.70
-165.00	-32.34	-48.14	-14.00	34.14
-160.00	-35.54	-51.34	-14.00	37.34
-155.00	-31.48	-47.28	-14.00	33.28
-150.00	-24.32	-40.12	-14.00	26.12
-145.00	-23.25	-39.05	-14.00	25.05
-140.00	-21.03	-36.83	-14.00	22.83
-135.00	-29.95	-45.75	-14.00	31.75
-130.00	-30.27	-46.07	-14.00	32.07
-125.00	-25.87	-41.67	-14.00	27.67
-120.00	-35.48	-51.28	-14.00	37.28
-115.00	-30.66	-46.46	-14.00	32.46
-110.00	-24.06	-39.86	-14.00	25.86
-105.00	-16.14	-31.94	-14.00	17.94
-100.00	-10.55	-26.35	-14.00	12.35
-95.00	-8.43	-24.23	-14.00	10.23
-90.00	-10.60	-26.40	-14.00	12.40
-85.00	-11.97	-27.77	-24.00	3.77
-80.00	-13.62	-29.42	-24.00	5.42
-75.00	-21.00	-36.80	-24.00	12.80
-70.00	-16.20	-32.00	-24.00	8.00
-65.00	-11.89	-27.69	-24.00	3.69
-60.00	-15.18	-30.98	-24.00	6.98
-55.00	-8.46	-24.26	-24.00	0.26
-50.00	-9.17	-24.97	-24.00	0.97
-45.00	-7.88	-23.68	-23.33	0.35
-40.00	-6.92	-22.72	-22.05	0.67
-35.00	-7.10	-22.90	-20.60	2.30
-30.00	-4.29	-20.09	-18.93	1.16
-25.00	-4.20	-20.00	-16.95	3.05
-20.00	-5.01	-20.81	-14.53	6.28
-15.00	-10.46	-26.26	-11.40	14.86
-10.00	-6.26	-22.06	-7.00	15.06
-9.90	-8.46	-24.26	-6.89	17.37
-9.80	-11.85	-27.65	-6.78	20.87
-9.70	-14.72	-30.52	-6.67	23.85
-9.60	-11.98	-27.78	-6.56	21.22
-9.50	-7.86	-23.66	-6.44	17.22
-9.40	-5.09	-20.89	-6.33	14.56
-9.30	-2.85	-18.65	-6.21	12.44
-9.20	-1.34	-17.14	-6.00	11.14
-9.10	-0.12	-15.92	-6.00	9.92
-9.00	0.64	-15.16	-6.00	9.16

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-8.90	1.20	-14.60	-6.00	8.60
-8.80	1.38	-14.42	-6.00	8.42
-8.70	1.32	-14.48	-6.00	8.48
-8.60	0.95	-14.85	-6.00	8.85
-8.50	0.40	-15.40	-6.00	9.40
-8.40	-0.57	-16.37	-6.00	10.37
-8.30	-1.91	-17.71	-6.00	11.71
-8.20	-3.26	-19.06	-6.00	13.06
-8.10	-4.78	-20.58	-6.00	14.58
-8.00	-6.71	-22.51	-6.00	16.51
-7.90	-8.11	-23.91	-6.00	17.91
-7.80	-8.66	-24.46	-6.00	18.46
-7.70	-7.97	-23.77	-6.00	17.77
-7.60	-6.50	-22.30	-6.00	16.30
-7.50	-5.17	-20.97	-6.00	14.97
-7.40	-3.47	-19.27	-6.00	13.27
-7.30	-1.87	-17.67	-6.00	11.67
-7.20	-0.73	-16.53	-6.00	10.53
-7.10	0.43	-15.37	-6.00	9.37
-7.00	1.60	-14.20	-6.13	8.07
-6.90	2.47	-13.33	-5.97	7.36
-6.80	3.34	-12.46	-5.81	6.65
-6.70	3.94	-11.86	-5.65	6.21
-6.60	4.49	-11.31	-5.49	5.82
-6.50	4.88	-10.92	-5.32	5.60
-6.40	5.11	-10.69	-5.15	5.54
-6.30	5.33	-10.47	-4.98	5.49
-6.20	5.40	-10.40	-4.81	5.59
-6.10	5.47	-10.33	-4.63	5.70
-6.00	5.43	-10.37	-4.45	5.92
-5.90	5.47	-10.33	-4.27	6.06
-5.80	5.56	-10.24	-4.09	6.15
-5.70	5.85	-9.95	-3.90	6.05
-5.60	6.22	-9.58	-3.70	5.88
-5.50	6.90	-8.90	-3.51	5.39
-5.40	7.55	-8.25	-3.31	4.94
-5.30	8.42	-7.38	-3.11	4.27
-5.20	9.12	-6.68	-2.90	3.78
-5.10	9.70	-6.10	-2.69	3.41
-5.00	10.39	-5.41	-2.47	2.94
-4.90	10.74	-5.06	-2.25	2.81
-4.80	11.00	-4.80	-2.03	2.77
-4.70	11.02	-4.78	-1.80	2.98
-4.60	10.85	-4.95	-1.57	3.38
-4.50	10.44	-5.36	-1.33	4.03
-4.40	9.78	-6.02	-1.09	4.93
-4.30	8.65	-7.15	-0.84	6.31
-4.20	7.60	-8.20	-0.58	7.62
-4.10	6.14	-9.66	-0.32	9.34
-4.00	4.51	-11.29	-0.05	11.24
-3.90	3.19	-12.61	0.22	12.83
-3.80	3.08	-12.72	0.51	13.23
-3.70	4.07	-11.73	0.79	12.52
-3.60	5.26	-10.54	1.09	11.63
-3.50	6.68	-9.12	1.40	10.52
-3.40	8.22	-7.58	1.71	9.29
-3.30	9.69	-6.11	2.04	8.15
-3.20	11.27	-4.53	2.37	6.90
-3.10	12.96	-2.84	2.72	5.56

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-3.00	14.38	-1.42	3.07	4.49
-2.90	16.02	0.22	3.44	3.22
-2.80	17.25	1.45	3.82	2.37
-2.70	18.34	2.54	4.22	1.68
-2.60	19.40	3.60	4.63	1.03
-2.50	20.05	4.25	5.05	0.80
-2.40	20.54	4.74	5.49	0.75
-2.30	20.69	4.89	5.96	1.07
-2.20	20.46	4.66	6.44	1.78
-2.10	19.85	4.05	6.94	2.89
-2.00	18.47	2.67	7.47	4.80
-1.90	16.64	0.84	8.03	7.19
-1.80	14.46	-1.34	8.62	9.96
-1.70	15.68	-0.12	9.24	9.36
-1.60	19.96	4.16	9.90	5.74
-1.50	23.36	7.56	10.60	3.04
-1.40	26.75	10.95	Nan	Nan
-1.30	29.02	13.22	Nan	Nan
-1.20	31.27	15.47	Nan	Nan
-1.10	32.92	17.12	Nan	Nan
-1.00	34.57	18.77	Nan	Nan
-0.90	35.75	19.95	Nan	Nan
-0.80	37.00	21.20	Nan	Nan
-0.70	37.89	22.09	Nan	Nan
-0.60	38.78	22.98	Nan	Nan
-0.50	39.40	23.60	Nan	Nan
-0.40	39.99	24.19	Nan	Nan
-0.30	40.39	24.59	Nan	Nan
-0.20	40.67	24.87	Nan	Nan
-0.10	40.89	25.09	Nan	Nan
0.00	41.00	25.20	Nan	Nan
0.10	41.00	25.20	Nan	Nan
0.20	40.87	25.07	Nan	Nan
0.30	40.65	24.85	Nan	Nan
0.40	40.36	24.56	Nan	Nan
0.50	39.87	24.07	Nan	Nan
0.60	39.34	23.54	Nan	Nan
0.70	38.58	22.78	Nan	Nan
0.80	37.82	22.02	Nan	Nan
0.90	36.75	20.95	Nan	Nan
1.00	35.69	19.89	Nan	Nan
1.10	34.27	18.47	Nan	Nan
1.20	32.89	17.09	Nan	Nan
1.30	30.98	15.18	Nan	Nan
1.40	29.04	13.24	Nan	Nan
1.50	26.36	10.56	10.60	0.04
1.60	23.51	7.71	9.90	2.19
1.70	19.05	3.25	9.24	5.99
1.80	13.17	-2.63	8.62	11.25
1.90	0.24	-15.56	8.03	23.59
2.00	7.45	-8.35	7.47	15.82
2.10	13.71	-2.09	6.94	9.03
2.20	15.95	0.15	6.44	6.29
2.30	17.26	1.46	5.96	4.50
2.40	17.72	1.92	5.49	3.57
2.50	17.75	1.95	5.05	3.10
2.60	17.46	1.66	4.63	2.97
2.70	16.79	0.99	4.22	3.23
2.80	15.99	0.19	3.82	3.63

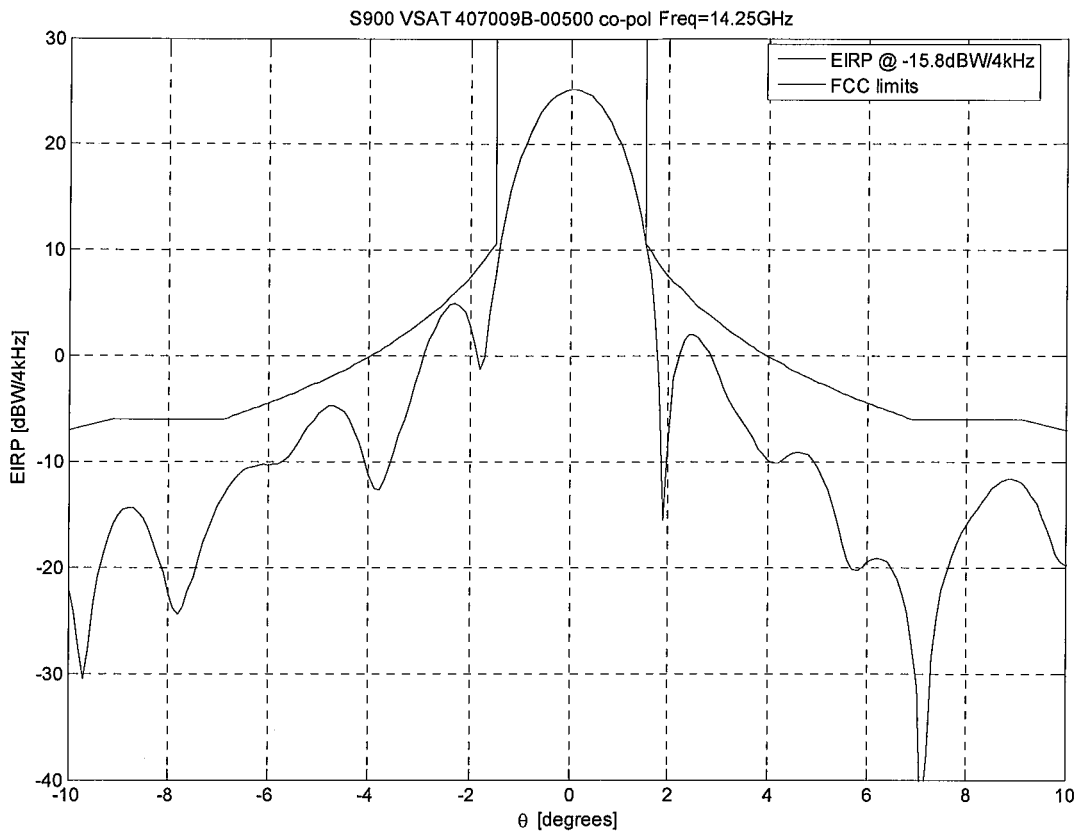
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2.90	14.89	-0.91	3.44	4.35
3.00	13.83	-1.97	3.07	5.04
3.10	12.68	-3.12	2.72	5.84
3.20	11.72	-4.08	2.37	6.45
3.30	10.89	-4.91	2.04	6.95
3.40	9.97	-5.83	1.71	7.54
3.50	9.33	-6.47	1.40	7.87
3.60	8.59	-7.21	1.09	8.30
3.70	7.98	-7.82	0.79	8.61
3.80	7.03	-8.77	0.51	9.28
3.90	6.50	-9.30	0.22	9.52
4.00	5.84	-9.96	-0.05	9.91
4.10	5.64	-10.16	-0.32	9.84
4.20	5.66	-10.14	-0.58	9.56
4.30	5.93	-9.87	-0.84	9.03
4.40	6.27	-9.53	-1.09	8.44
4.50	6.51	-9.29	-1.33	7.96
4.60	6.72	-9.08	-1.57	7.51
4.70	6.57	-9.23	-1.80	7.43
4.80	6.38	-9.42	-2.03	7.39
4.90	5.86	-9.94	-2.25	7.69
5.00	5.13	-10.67	-2.47	8.20
5.10	4.23	-11.57	-2.69	8.88
5.20	3.05	-12.75	-2.90	9.85
5.30	1.45	-14.35	-3.11	11.24
5.40	-0.08	-15.88	-3.31	12.57
5.50	-2.11	-17.91	-3.51	14.40
5.60	-3.54	-19.34	-3.70	15.64
5.70	-4.38	-20.18	-3.90	16.28
5.80	-4.56	-20.36	-4.09	16.27
5.90	-4.11	-19.91	-4.27	15.64
6.00	-3.73	-19.53	-4.45	15.08
6.10	-3.46	-19.26	-4.63	14.63
6.20	-3.33	-19.13	-4.81	14.32
6.30	-3.47	-19.27	-4.98	14.29
6.40	-3.73	-19.53	-5.15	14.38
6.50	-4.49	-20.29	-5.32	14.97
6.60	-5.28	-21.08	-5.49	15.59
6.70	-6.73	-22.53	-5.65	16.88
6.80	-8.39	-24.19	-5.81	18.38
6.90	-11.39	-27.19	-5.97	21.22
7.00	-15.58	-31.38	-6.13	25.25
7.10	-28.87	-44.67	-6.00	38.67
7.20	-21.92	-37.72	-6.00	31.72
7.30	-12.65	-28.45	-6.00	22.45
7.40	-9.08	-24.88	-6.00	18.88
7.50	-6.32	-22.12	-6.00	16.12
7.60	-4.47	-20.27	-6.00	14.27
7.70	-3.12	-18.92	-6.00	12.92
7.80	-1.98	-17.78	-6.00	11.78
7.90	-0.99	-16.79	-6.00	10.79
8.00	-0.26	-16.06	-6.00	10.06
8.10	0.60	-15.20	-6.00	9.20
8.20	1.23	-14.57	-6.00	8.57
8.30	1.99	-13.81	-6.00	7.81
8.40	2.54	-13.26	-6.00	7.26
8.50	3.19	-12.61	-6.00	6.61
8.60	3.58	-12.22	-6.00	6.22
8.70	3.94	-11.86	-6.00	5.86

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8.80	4.13	-11.67	-6.00	5.67
8.90	4.17	-11.63	-6.00	5.63
9.00	4.04	-11.76	-6.00	5.76
9.10	3.74	-12.06	-6.00	6.06
9.20	3.30	-12.50	-6.00	6.50
9.30	2.55	-13.25	-6.21	7.04
9.40	1.78	-14.02	-6.33	7.69
9.50	0.59	-15.21	-6.44	8.77
9.60	-0.52	-16.32	-6.56	9.76
9.70	-1.68	-17.48	-6.67	10.81
9.80	-2.99	-18.79	-6.78	12.01
9.90	-3.75	-19.55	-6.89	12.66
10.00	-4.02	-19.82	-7.00	12.82
15.00	-14.31	-30.11	-11.40	18.71
20.00	-4.14	-19.94	-14.53	5.41
25.00	-3.13	-18.93	-16.95	1.98
30.00	-4.89	-20.69	-18.93	1.76
35.00	-7.28	-23.08	-20.60	2.48
40.00	-5.68	-21.48	-22.05	-0.57
45.00	-6.08	-21.88	-23.33	-1.45
50.00	-9.55	-25.35	-24.00	1.35
55.00	-6.79	-22.59	-24.00	-1.41
60.00	-10.03	-25.83	-24.00	1.83
65.00	-7.31	-23.11	-24.00	-0.89
70.00	-11.21	-27.01	-24.00	3.01
75.00	-12.53	-28.33	-24.00	4.33
80.00	-12.28	-28.08	-24.00	4.08
85.00	-16.26	-32.06	-24.00	8.06
90.00	-6.24	-22.04	-14.00	8.04
95.00	-10.59	-26.39	-14.00	12.39
100.00	-7.75	-23.55	-14.00	9.55
105.00	-12.01	-27.81	-14.00	13.81
110.00	-17.37	-33.17	-14.00	19.17
115.00	-21.40	-37.20	-14.00	23.20
120.00	-24.19	-39.99	-14.00	25.99
125.00	-28.74	-44.54	-14.00	30.54
130.00	-36.85	-52.65	-14.00	38.65
135.00	-20.91	-36.71	-14.00	22.71
140.00	-24.31	-40.11	-14.00	26.11
145.00	-18.39	-34.19	-14.00	20.19
150.00	-25.84	-41.64	-14.00	27.64
155.00	-33.98	-49.78	-14.00	35.78
160.00	-27.44	-43.24	-14.00	29.24
165.00	-29.16	-44.96	-14.00	30.96
170.00	-21.28	-37.08	-14.00	23.08
175.00	-18.60	-34.40	-14.00	20.40
180.00	-19.37	-35.17	-14.00	21.17

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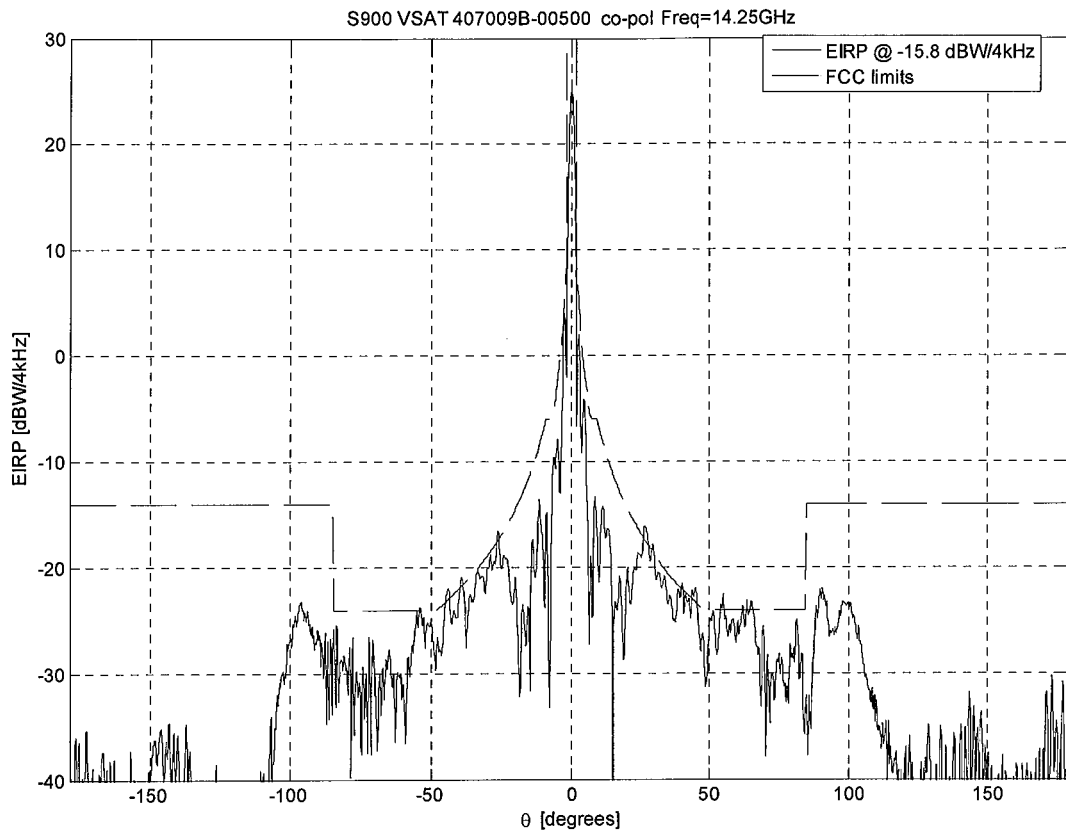


Exhibit 9

**FCC 25.222(b)(1)(i)(B) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model Sailor
900B VSAT 407009B-00500**

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Sailor900_VSAT_407009B-00500_EIRPtable_Copol_th180_f1425.txt

With Radome

EIRP FCC25.222-compliance

Based on measurement at Eutelsat Test range in La Turbie France

Polarization: Co-pol
Freq.: 14.25 GHz
Main beam co-pol. Gain: 41.0 dBi
Spectral Power density: -15.8 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-180.00	-19.69	-35.49	-14.00	21.49
-175.00	-31.59	-47.39	-14.00	33.39
-170.00	-41.90	-57.70	-14.00	43.70
-165.00	-32.34	-48.14	-14.00	34.14
-160.00	-35.54	-51.34	-14.00	37.34
-155.00	-31.48	-47.28	-14.00	33.28
-150.00	-24.32	-40.12	-14.00	26.12
-145.00	-23.25	-39.05	-14.00	25.05
-140.00	-21.03	-36.83	-14.00	22.83
-135.00	-29.95	-45.75	-14.00	31.75
-130.00	-30.27	-46.07	-14.00	32.07
-125.00	-25.87	-41.67	-14.00	27.67
-120.00	-35.48	-51.28	-14.00	37.28
-115.00	-30.66	-46.46	-14.00	32.46
-110.00	-24.06	-39.86	-14.00	25.86
-105.00	-16.14	-31.94	-14.00	17.94
-100.00	-10.55	-26.35	-14.00	12.35
-95.00	-8.43	-24.23	-14.00	10.23
-90.00	-10.60	-26.40	-14.00	12.40
-85.00	-11.97	-27.77	-24.00	3.77
-80.00	-13.62	-29.42	-24.00	5.42
-75.00	-21.00	-36.80	-24.00	12.80
-70.00	-16.20	-32.00	-24.00	8.00
-65.00	-11.89	-27.69	-24.00	3.69
-60.00	-15.18	-30.98	-24.00	6.98
-55.00	-8.46	-24.26	-24.00	0.26
-50.00	-9.17	-24.97	-24.00	0.97
-45.00	-7.88	-23.68	-23.33	0.35
-40.00	-6.92	-22.72	-22.05	0.67
-35.00	-7.10	-22.90	-20.60	2.30
-30.00	-4.29	-20.09	-18.93	1.16
-25.00	-4.20	-20.00	-16.95	3.05
-20.00	-5.01	-20.81	-14.53	6.28
-15.00	-10.46	-26.26	-11.40	14.86
-10.00	-6.26	-22.06	-7.00	15.06
-9.90	-8.46	-24.26	-6.89	17.37
-9.80	-11.85	-27.65	-6.78	20.87
-9.70	-14.72	-30.52	-6.67	23.85
-9.60	-11.98	-27.78	-6.56	21.22
-9.50	-7.86	-23.66	-6.44	17.22
-9.40	-5.09	-20.89	-6.33	14.56
-9.30	-2.85	-18.65	-6.21	12.44
-9.20	-1.34	-17.14	-6.00	11.14
-9.10	-0.12	-15.92	-6.00	9.92
-9.00	0.64	-15.16	-6.00	9.16

9

-8.90	1.20	-14.60	-6.00	8.60
-8.80	1.38	-14.42	-6.00	8.42
-8.70	1.32	-14.48	-6.00	8.48
-8.60	0.95	-14.85	-6.00	8.85
-8.50	0.40	-15.40	-6.00	9.40
-8.40	-0.57	-16.37	-6.00	10.37
-8.30	-1.91	-17.71	-6.00	11.71
-8.20	-3.26	-19.06	-6.00	13.06
-8.10	-4.78	-20.58	-6.00	14.58
-8.00	-6.71	-22.51	-6.00	16.51
-7.90	-8.11	-23.91	-6.00	17.91
-7.80	-8.66	-24.46	-6.00	18.46
-7.70	-7.97	-23.77	-6.00	17.77
-7.60	-6.50	-22.30	-6.00	16.30
-7.50	-5.17	-20.97	-6.00	14.97
-7.40	-3.47	-19.27	-6.00	13.27
-7.30	-1.87	-17.67	-6.00	11.67
-7.20	-0.73	-16.53	-6.00	10.53
-7.10	0.43	-15.37	-6.00	9.37
-7.00	1.60	-14.20	-6.13	8.07
-6.90	2.47	-13.33	-5.97	7.36
-6.80	3.34	-12.46	-5.81	6.65
-6.70	3.94	-11.86	-5.65	6.21
-6.60	4.49	-11.31	-5.49	5.82
-6.50	4.88	-10.92	-5.32	5.60
-6.40	5.11	-10.69	-5.15	5.54
-6.30	5.33	-10.47	-4.98	5.49
-6.20	5.40	-10.40	-4.81	5.59
-6.10	5.47	-10.33	-4.63	5.70
-6.00	5.43	-10.37	-4.45	5.92
-5.90	5.47	-10.33	-4.27	6.06
-5.80	5.56	-10.24	-4.09	6.15
-5.70	5.85	-9.95	-3.90	6.05
-5.60	6.22	-9.58	-3.70	5.88
-5.50	6.90	-8.90	-3.51	5.39
-5.40	7.55	-8.25	-3.31	4.94
-5.30	8.42	-7.38	-3.11	4.27
-5.20	9.12	-6.68	-2.90	3.78
-5.10	9.70	-6.10	-2.69	3.41
-5.00	10.39	-5.41	-2.47	2.94
-4.90	10.74	-5.06	-2.25	2.81
-4.80	11.00	-4.80	-2.03	2.77
-4.70	11.02	-4.78	-1.80	2.98
-4.60	10.85	-4.95	-1.57	3.38
-4.50	10.44	-5.36	-1.33	4.03
-4.40	9.78	-6.02	-1.09	4.93
-4.30	8.65	-7.15	-0.84	6.31
-4.20	7.60	-8.20	-0.58	7.62
-4.10	6.14	-9.66	-0.32	9.34
-4.00	4.51	-11.29	-0.05	11.24
-3.90	3.19	-12.61	0.22	12.83
-3.80	3.08	-12.72	0.51	13.23
-3.70	4.07	-11.73	0.79	12.52
-3.60	5.26	-10.54	1.09	11.63
-3.50	6.68	-9.12	1.40	10.52
-3.40	8.22	-7.58	1.71	9.29
-3.30	9.69	-6.11	2.04	8.15
-3.20	11.27	-4.53	2.37	6.90
-3.10	12.96	-2.84	2.72	5.56

9

-3.00	14.38	-1.42	3.07	4.49
-2.90	16.02	0.22	3.44	3.22
-2.80	17.25	1.45	3.82	2.37
-2.70	18.34	2.54	4.22	1.68
-2.60	19.40	3.60	4.63	1.03
-2.50	20.05	4.25	5.05	0.80
-2.40	20.54	4.74	5.49	0.75
-2.30	20.69	4.89	5.96	1.07
-2.20	20.46	4.66	6.44	1.78
-2.10	19.85	4.05	6.94	2.89
-2.00	18.47	2.67	7.47	4.80
-1.90	16.64	0.84	8.03	7.19
-1.80	14.46	-1.34	8.62	9.96
-1.70	15.68	-0.12	9.24	9.36
-1.60	19.96	4.16	9.90	5.74
-1.50	23.36	7.56	10.60	3.04
-1.40	26.75	10.95	Nan	Nan
-1.30	29.02	13.22	Nan	Nan
-1.20	31.27	15.47	Nan	Nan
-1.10	32.92	17.12	Nan	Nan
-1.00	34.57	18.77	Nan	Nan
-0.90	35.75	19.95	Nan	Nan
-0.80	37.00	21.20	Nan	Nan
-0.70	37.89	22.09	Nan	Nan
-0.60	38.78	22.98	Nan	Nan
-0.50	39.40	23.60	Nan	Nan
-0.40	39.99	24.19	Nan	Nan
-0.30	40.39	24.59	Nan	Nan
-0.20	40.67	24.87	Nan	Nan
-0.10	40.89	25.09	Nan	Nan
0.00	41.00	25.20	Nan	Nan
0.10	41.00	25.20	Nan	Nan
0.20	40.87	25.07	Nan	Nan
0.30	40.65	24.85	Nan	Nan
0.40	40.36	24.56	Nan	Nan
0.50	39.87	24.07	Nan	Nan
0.60	39.34	23.54	Nan	Nan
0.70	38.58	22.78	Nan	Nan
0.80	37.82	22.02	Nan	Nan
0.90	36.75	20.95	Nan	Nan
1.00	35.69	19.89	Nan	Nan
1.10	34.27	18.47	Nan	Nan
1.20	32.89	17.09	Nan	Nan
1.30	30.98	15.18	Nan	Nan
1.40	29.04	13.24	Nan	Nan
1.50	26.36	10.56	10.60	0.04
1.60	23.51	7.71	9.90	2.19
1.70	19.05	3.25	9.24	5.99
1.80	13.17	-2.63	8.62	11.25
1.90	0.24	-15.56	8.03	23.59
2.00	7.45	-8.35	7.47	15.82
2.10	13.71	-2.09	6.94	9.03
2.20	15.95	0.15	6.44	6.29
2.30	17.26	1.46	5.96	4.50
2.40	17.72	1.92	5.49	3.57
2.50	17.75	1.95	5.05	3.10
2.60	17.46	1.66	4.63	2.97
2.70	16.79	0.99	4.22	3.23
2.80	15.99	0.19	3.82	3.63

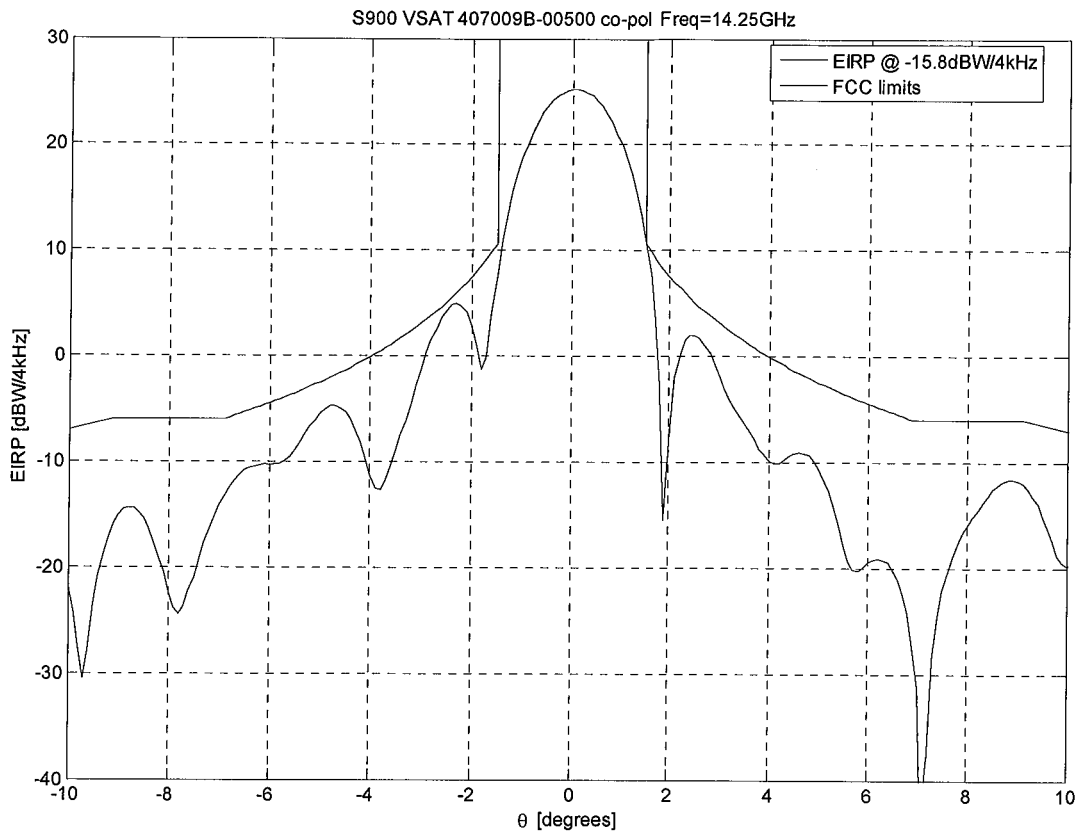
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2.90	14.89	-0.91	3.44	4.35
3.00	13.83	-1.97	3.07	5.04
3.10	12.68	-3.12	2.72	5.84
3.20	11.72	-4.08	2.37	6.45
3.30	10.89	-4.91	2.04	6.95
3.40	9.97	-5.83	1.71	7.54
3.50	9.33	-6.47	1.40	7.87
3.60	8.59	-7.21	1.09	8.30
3.70	7.98	-7.82	0.79	8.61
3.80	7.03	-8.77	0.51	9.28
3.90	6.50	-9.30	0.22	9.52
4.00	5.84	-9.96	-0.05	9.91
4.10	5.64	-10.16	-0.32	9.84
4.20	5.66	-10.14	-0.58	9.56
4.30	5.93	-9.87	-0.84	9.03
4.40	6.27	-9.53	-1.09	8.44
4.50	6.51	-9.29	-1.33	7.96
4.60	6.72	-9.08	-1.57	7.51
4.70	6.57	-9.23	-1.80	7.43
4.80	6.38	-9.42	-2.03	7.39
4.90	5.86	-9.94	-2.25	7.69
5.00	5.13	-10.67	-2.47	8.20
5.10	4.23	-11.57	-2.69	8.88
5.20	3.05	-12.75	-2.90	9.85
5.30	1.45	-14.35	-3.11	11.24
5.40	-0.08	-15.88	-3.31	12.57
5.50	-2.11	-17.91	-3.51	14.40
5.60	-3.54	-19.34	-3.70	15.64
5.70	-4.38	-20.18	-3.90	16.28
5.80	-4.56	-20.36	-4.09	16.27
5.90	-4.11	-19.91	-4.27	15.64
6.00	-3.73	-19.53	-4.45	15.08
6.10	-3.46	-19.26	-4.63	14.63
6.20	-3.33	-19.13	-4.81	14.32
6.30	-3.47	-19.27	-4.98	14.29
6.40	-3.73	-19.53	-5.15	14.38
6.50	-4.49	-20.29	-5.32	14.97
6.60	-5.28	-21.08	-5.49	15.59
6.70	-6.73	-22.53	-5.65	16.88
6.80	-8.39	-24.19	-5.81	18.38
6.90	-11.39	-27.19	-5.97	21.22
7.00	-15.58	-31.38	-6.13	25.25
7.10	-28.87	-44.67	-6.00	38.67
7.20	-21.92	-37.72	-6.00	31.72
7.30	-12.65	-28.45	-6.00	22.45
7.40	-9.08	-24.88	-6.00	18.88
7.50	-6.32	-22.12	-6.00	16.12
7.60	-4.47	-20.27	-6.00	14.27
7.70	-3.12	-18.92	-6.00	12.92
7.80	-1.98	-17.78	-6.00	11.78
7.90	-0.99	-16.79	-6.00	10.79
8.00	-0.26	-16.06	-6.00	10.06
8.10	0.60	-15.20	-6.00	9.20
8.20	1.23	-14.57	-6.00	8.57
8.30	1.99	-13.81	-6.00	7.81
8.40	2.54	-13.26	-6.00	7.26
8.50	3.19	-12.61	-6.00	6.61
8.60	3.58	-12.22	-6.00	6.22
8.70	3.94	-11.86	-6.00	5.86

9

8.80	4.13	-11.67	-6.00	5.67
8.90	4.17	-11.63	-6.00	5.63
9.00	4.04	-11.76	-6.00	5.76
9.10	3.74	-12.06	-6.00	6.06
9.20	3.30	-12.50	-6.00	6.50
9.30	2.55	-13.25	-6.21	7.04
9.40	1.78	-14.02	-6.33	7.69
9.50	0.59	-15.21	-6.44	8.77
9.60	-0.52	-16.32	-6.56	9.76
9.70	-1.68	-17.48	-6.67	10.81
9.80	-2.99	-18.79	-6.78	12.01
9.90	-3.75	-19.55	-6.89	12.66
10.00	-4.02	-19.82	-7.00	12.82
15.00	-14.31	-30.11	-11.40	18.71
20.00	-4.14	-19.94	-14.53	5.41
25.00	-3.13	-18.93	-16.95	1.98
30.00	-4.89	-20.69	-18.93	1.76
35.00	-7.28	-23.08	-20.60	2.48
40.00	-5.68	-21.48	-22.05	-0.57
45.00	-6.08	-21.88	-23.33	-1.45
50.00	-9.55	-25.35	-24.00	1.35
55.00	-6.79	-22.59	-24.00	-1.41
60.00	-10.03	-25.83	-24.00	1.83
65.00	-7.31	-23.11	-24.00	-0.89
70.00	-11.21	-27.01	-24.00	3.01
75.00	-12.53	-28.33	-24.00	4.33
80.00	-12.28	-28.08	-24.00	4.08
85.00	-16.26	-32.06	-24.00	8.06
90.00	-6.24	-22.04	-14.00	8.04
95.00	-10.59	-26.39	-14.00	12.39
100.00	-7.75	-23.55	-14.00	9.55
105.00	-12.01	-27.81	-14.00	13.81
110.00	-17.37	-33.17	-14.00	19.17
115.00	-21.40	-37.20	-14.00	23.20
120.00	-24.19	-39.99	-14.00	25.99
125.00	-28.74	-44.54	-14.00	30.54
130.00	-36.85	-52.65	-14.00	38.65
135.00	-20.91	-36.71	-14.00	22.71
140.00	-24.31	-40.11	-14.00	26.11
145.00	-18.39	-34.19	-14.00	20.19
150.00	-25.84	-41.64	-14.00	27.64
155.00	-33.98	-49.78	-14.00	35.78
160.00	-27.44	-43.24	-14.00	29.24
165.00	-29.16	-44.96	-14.00	30.96
170.00	-21.28	-37.08	-14.00	23.08
175.00	-18.60	-34.40	-14.00	20.40
180.00	-19.37	-35.17	-14.00	21.17

09



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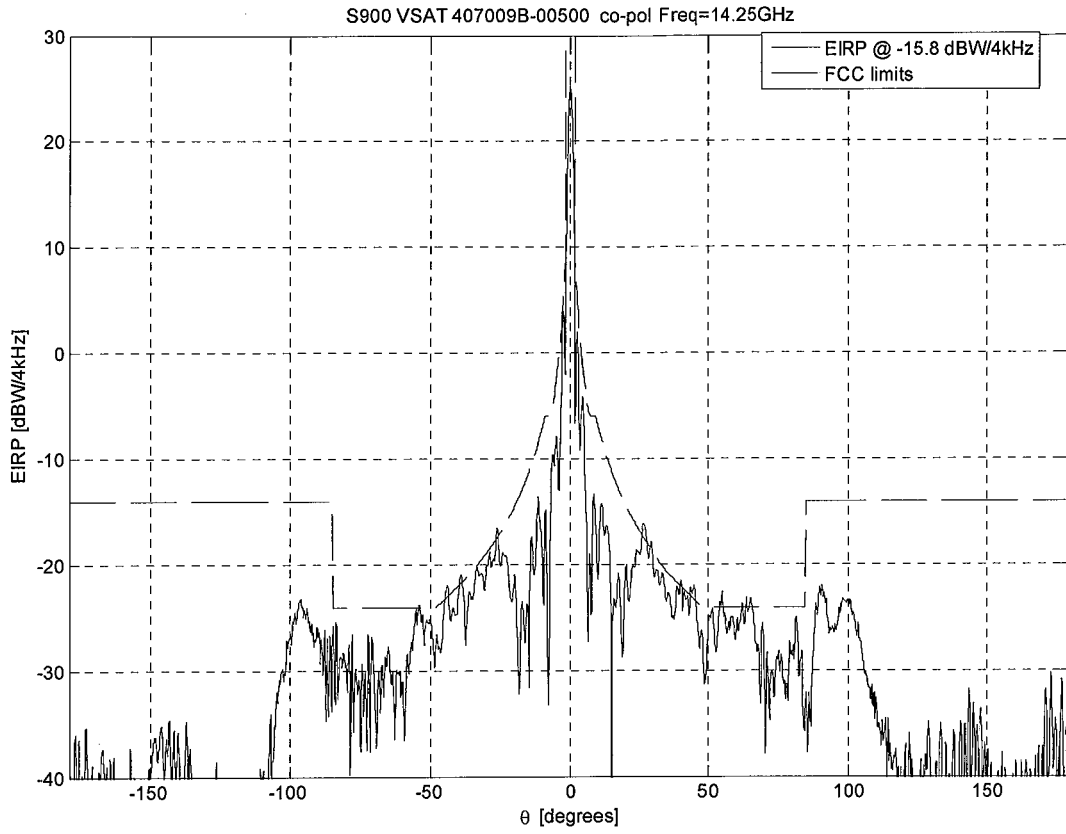


Exhibit 10

**FCC 25.222(b)(1)(i)(C) Tables for the Thrane & Thrane (trading as Cobham SATCOM) Model Sailor
900B VSAT 407009B-00500**

10

Sailor900_VSAT_407009B-00500_EIRPtable_Cross-pol_th10_f1425.txt
With Radome
EIRP FCC-compliance
Based on measurement at Eutelsat Test range in La Turbie. France

Polarization: Cross-pol
Freq.: 14.25 GHz
Main beam co-pol. Gain: 41.0 dBi
Spectral Power density: -15.8 dBW/4kHz

Theta	Gain	EIRP	FCC limit	FCC margin
-10	-18.3	-34.09	NaN	NaN
-9.9	-18.9	-34.72	NaN	NaN
-9.8	-20.1	-35.85	NaN	NaN
-9.7	-21.2	-36.99	NaN	NaN
-9.6	-23.4	-39.16	NaN	NaN
-9.5	-25.5	-41.34	NaN	NaN
-9.4	-30.2	-46.04	NaN	NaN
-9.3	-34.0	-49.8	NaN	NaN
-9.2	-34.0	-49.78	-16.00	33.78
-9.1	-32.3	-48.13	-16.00	32.13
-9	-30.3	-46.07	-16.00	30.07
-8.9	-29.8	-45.57	-16.00	29.57
-8.8	-29.2	-45.02	-16.00	29.02
-8.7	-29.5	-45.29	-16.00	29.29
-8.6	-31.1	-46.88	-16.00	30.88
-8.5	-33.2	-48.96	-16.00	32.96
-8.4	-33.7	-49.47	-16.00	33.47
-8.3	-33.1	-48.92	-16.00	32.92
-8.2	-32.3	-48.11	-16.00	32.11
-8.1	-33.1	-48.91	-16.00	32.91
-8	-32.2	-48.04	-16.00	32.04
-7.9	-30.4	-46.16	-16.00	30.16
-7.8	-27.8	-43.59	-16.00	27.59
-7.7	-26.0	-41.79	-16.00	25.79
-7.6	-24.5	-40.27	-16.00	24.27
-7.5	-22.9	-38.74	-16.00	22.74
-7.4	-22.5	-38.31	-16.00	22.31
-7.3	-22.2	-38.04	-16.00	22.04
-7.2	-23.0	-38.75	-16.00	22.75
-7.1	-23.9	-39.72	-16.00	23.72
-7	-25.9	-41.68	-16.13	25.55
-6.9	-27.1	-42.86	-15.97	26.89
-6.8	-28.8	-44.6	-15.81	28.79
-6.7	-28.9	-44.69	-15.65	29.04
-6.6	-29.6	-45.35	-15.49	29.86
-6.5	-29.8	-45.61	-15.32	30.29
-6.4	-29.7	-45.53	-15.15	30.38
-6.3	-30.0	-45.82	-14.98	30.84
-6.2	-30.5	-46.3	-14.81	31.49
-6.1	-31.6	-47.41	-14.63	32.78
-6	-30.0	-45.81	-14.45	31.36
-5.9	-25.9	-41.69	-14.27	27.42
-5.8	-23.0	-38.81	-14.09	24.72
-5.7	-20.2	-35.95	-13.90	22.05
-5.6	-18.6	-34.43	-13.70	20.73
-5.5	-17.1	-32.94	-13.51	19.43
-5.4	-16.2	-32.03	-13.31	18.72

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-5.3	-15.3	-31.14	-13.11	18.03
-5.2	-14.8	-30.63	-12.90	17.73
-5.1	-14.4	-30.17	-12.69	17.48
-5	-14.2	-30	-12.47	17.53
-4.9	-14.2	-30.02	-12.25	17.77
-4.8	-14.3	-30.14	-12.03	18.11
-4.7	-14.6	-30.43	-11.80	18.63
-4.6	-14.9	-30.68	-11.57	19.11
-4.5	-15.1	-30.88	-11.33	19.55
-4.4	-15.2	-30.98	-11.09	19.89
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-4.2	-14.5	-30.33	-10.58	19.75
-4.1	-13.8	-29.58	-10.32	19.26
-4	-13.4	-29.17	-10.05	19.12
-3.9	-12.9	-28.71	-9.78	18.93
-3.8	-12.5	-28.33	-9.49	18.84
-3.7	-12.4	-28.21	-9.21	19.00
-3.6	-12.7	-28.5	-8.91	19.59
-3.5	-13.2	-28.99	-8.60	20.39
-3.4	-14.1	-29.92	-8.29	21.63
-3.3	-15.9	-31.7	-7.96	23.74
-3.2	-17.5	-33.33	-7.63	25.70
-3.1	-20.3	-36.13	-7.28	28.85
-3	-21.8	-37.57	-6.93	30.64
-2.9	-20.9	-36.65	-6.56	30.09
-2.8	-18.6	-34.41	-6.18	28.23
-2.7	-16.5	-32.25	-5.78	26.47
-2.6	-15.0	-30.82	-5.37	25.45
-2.5	-14.3	-30.06	-4.95	25.11
-2.4	-13.7	-29.47	-4.51	24.96
-2.3	-13.6	-29.39	-4.04	25.35
-2.2	-13.8	-29.6	-3.56	26.04
-2.1	-13.7	-29.48	-3.06	26.42
-2	-12.5	-28.32	-2.53	25.79
-1.9	-10.1	-25.89	-1.97	23.92
-1.8	-8.0	-23.84	-1.38	22.46
-1.7	-5.9	-21.72	-0.76	20.96
-1.6	-3.9	-19.71	-0.10	19.61
-1.5	-2.1	-17.92	0.60	18.52
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0.0	-1.3	-17.11	NaN	NaN
0.1	-1.8	-17.58	NaN	NaN
0.2	-1.8	-17.64	NaN	NaN
0.3	-1.5	-17.25	NaN	NaN
0.4	-0.6	-16.43	NaN	NaN
0.5	0.2	-15.57	NaN	NaN

10

6.5	-29.1	-44.94	-15.32	29.62
6.6	-29.4	-45.15	-15.49	29.66
6.7	-29.6	-45.39	-15.65	29.74
6.8	-30.0	-45.79	-15.81	29.98
6.9	-30.9	-46.69	-15.97	30.72
7	-32.1	-47.86	-16.13	31.73
7.1	-34.2	-49.95	-16.00	33.95
7.2	-33.1	-48.85	-16.00	32.85
7.3	-30.7	-46.5	-16.00	30.50
7.4	-28.0	-43.84	-16.00	27.84
7.5	-26.6	-42.41	-16.00	26.41
7.6	-26.0	-41.77	-16.00	25.77
7.7	-26.6	-42.39	-16.00	26.39
7.8	-27.8	-43.59	-16.00	27.59
7.9	-29.7	-45.49	-16.00	29.49
8	-32.3	-48.1	-16.00	32.10
8.1	-36.1	-51.85	-16.00	35.85
8.2	-36.6	-52.36	-16.00	36.36
8.3	-35.1	-50.88	-16.00	34.88
8.4	-37.1	-52.86	-16.00	36.86
8.5	-37.8	-53.63	-16.00	37.63
8.6	-40.4	-56.24	-16.00	40.24
8.7	-47.4	-63.15	-16.00	47.15
8.8	-44.4	-60.21	-16.00	44.21
8.9	-38.9	-54.66	-16.00	38.66
9	-36.1	-51.92	-16.00	35.92
9.1	-31.7	-47.48	-16.00	31.48
9.2	-29.3	-45.05	-16.00	29.05
9.3	-26.0	-41.81	NaN	NaN
9.4	-23.3	-39.14	NaN	NaN
9.5	-21.8	-37.62	NaN	NaN
9.6	-20.3	-36.14	NaN	NaN
9.7	-19.3	-35.08	NaN	NaN
9.8	-18.5	-34.3	NaN	NaN
9.9	-18.2	-34	NaN	NaN
10	-18.4	-34.17	NaN	NaN

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