

EXHIBIT 3

Tables Required by 25.221(b)(1)(i) to Demonstrate Compliance of Orbit Antennas with 25.221(a)(1)(i)

TABLES FOR –

ORBIT 2.2 METER C-BAND ANTENNA (MODEL OCEAN TRx 7-300-C)

(A) Tables

Orbit Communication - Satcom Products OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table Co-pol Azimuth, -10° to +10° @ 0.1° increment

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol Az

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
-10.0	-28.4	4.3	-32.7
-9.9	-34.0	4.4	-38.4
-9.8	-44.0	4.5	-48.5
-9.7	-29.5	4.6	-34.1
-9.6	-24.6	4.7	-29.3
-9.5	-21.2	4.9	-26.0
-9.4	-18.8	5.0	-23.7
-9.3	-16.9	5.1	-22.0
-9.2	-15.7	5.2	-20.9
-9.1	-14.9	5.3	-20.2
-9.0	-14.0	5.3	-19.3
-8.9	-13.8	5.3	-19.1
-8.8	-13.6	5.3	-18.9
-8.7	-13.4	5.3	-18.7
-8.6	-13.3	5.3	-18.6
-8.5	-13.6	5.3	-18.9
-8.4	-13.6	5.3	-18.9
-8.3	-13.6	5.3	-18.9
-8.2	-13.5	5.3	-18.8
-8.1	-13.3	5.3	-18.6
-8.0	-13.2	5.3	-18.5
-7.9	-12.5	5.3	-17.8
-7.8	-12.0	5.3	-17.3
-7.7	-11.4	5.3	-16.7
-7.6	-11.0	5.3	-16.3
-7.5	-10.8	5.3	-16.1
-7.4	-10.8	5.3	-16.1
-7.3	-10.9	5.3	-16.2
-7.2	-11.2	5.3	-16.5
-7.1	-11.7	5.3	-17.0
-7.0	-12.0	5.3	-17.3
-6.9	-12.1	5.3	-17.5
-6.8	-12.0	5.5	-17.5
-6.7	-11.2	5.6	-16.9
-6.6	-10.4	5.8	-16.2
-6.5	-9.4	6.0	-15.4
-6.4	-8.4	6.1	-14.5
-6.3	-7.3	6.3	-13.7
-6.2	-6.4	6.5	-12.9
-6.1	-5.7	6.7	-12.3
-6.0	-5.1	6.8	-11.9
-5.9	-4.6	7.0	-11.6
-5.8	-4.4	7.2	-11.6
-5.7	-4.2	7.4	-11.6
-5.6	-4.4	7.6	-12.0
-5.5	-4.6	7.8	-12.4
-5.4	-5.0	8.0	-13.0
-5.3	-5.7	8.2	-13.9
-5.2	-6.6	8.4	-15.0
-5.1	-7.7	8.6	-16.3
-5.0	-9.1	8.8	-17.9
-4.9	-10.6	9.0	-19.6
-4.8	-11.4	9.3	-20.7
-4.7	-11.0	9.5	-20.5
-4.6	-9.5	9.7	-19.2
-4.5	-7.5	10.0	-17.5
-4.4	-5.7	10.2	-15.9
-4.3	-4.3	10.5	-14.7
-4.2	-3.1	10.7	-13.8
-4.1	-2.2	11.0	-13.2
-4.0	-1.5	11.2	-12.8
-3.9	-1.0	11.5	-12.6

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol Az

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
0.0	29.0		
0.1	29.0		
0.2	28.9		
0.3	28.8		
0.4	28.5		
0.5	28.2		
0.6	27.9		
0.7	27.6		
0.8	27.1		
0.9	26.6		
1.0	25.9		
1.1	25.2		
1.2	24.4		
1.3	23.7		
1.4	22.9		
1.5	21.9	21.9	0.0
1.6	20.8	21.2	-0.4
1.7	19.6	20.5	-0.9
1.8	18.6	19.9	-1.4
1.9	17.4	19.3	-1.9
2.0	16.3	18.8	-2.5
2.1	14.9	18.2	-3.4
2.2	13.3	17.7	-4.4
2.3	11.7	17.3	-5.5
2.4	10.3	16.8	-6.5
2.5	8.7	16.4	-7.7
2.6	6.9	15.9	-9.0
2.7	4.9	15.5	-10.6
2.8	2.8	15.1	-12.3
2.9	0.4	14.7	-14.3
3.0	-1.5	14.4	-15.9
3.1	-3.3	14.0	-17.3
3.2	-4.5	13.7	-18.2
3.3	-4.8	13.3	-18.2
3.4	-4.8	13.0	-17.8
3.5	-4.5	12.7	-17.2
3.6	-4.3	12.4	-16.7
3.7	-4.1	12.1	-16.2
3.8	-4.2	11.8	-16.0
3.9	-4.3	11.5	-15.9
4.0	-4.5	11.2	-15.8
4.1	-4.9	11.0	-15.9
4.2	-5.3	10.7	-16.0
4.3	-5.8	10.5	-16.2
4.4	-6.2	10.2	-16.4
4.5	-6.6	10.0	-16.6
4.6	-6.9	9.7	-16.6
4.7	-7.2	9.5	-16.7
4.8	-7.6	9.3	-16.9
4.9	-7.9	9.0	-17.0
5.0	-8.4	8.8	-17.3
5.1	-9.0	8.6	-17.6
5.2	-9.6	8.4	-18.0
5.3	-10.2	8.2	-18.4
5.4	-11.1	8.0	-19.1
5.5	-11.8	7.8	-19.6
5.6	-12.4	7.6	-20.0
5.7	-13.2	7.4	-20.6
5.8	-13.8	7.2	-21.0
5.9	-14.2	7.0	-21.3
6.0	-14.8	6.8	-21.6
6.1	-15.4	6.7	-22.0

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Azimuth, -10° to +10° @ 0.1° increment

-3.8	-0.8	11.8	-12.6
-3.7	-0.6	12.1	-12.7
-3.6	-0.6	12.4	-13.0
-3.5	-0.8	12.7	-13.5
-3.4	-1.1	13.0	-14.1
-3.3	-1.4	13.3	-14.7
-3.2	-1.8	13.7	-15.4
-3.1	-2.4	14.0	-16.4
-3.0	-3.3	14.4	-17.7
-2.9	-4.7	14.7	-19.4
-2.8	-7.0	15.1	-22.1
-2.7	-10.7	15.5	-26.2
-2.6	-11.3	15.9	-27.2
-2.5	-5.3	16.4	-21.7
-2.4	-0.3	16.8	-17.1
-2.3	3.9	17.3	-13.4
-2.2	7.2	17.7	-10.6
-2.1	9.9	18.2	-8.4
-2.0	12.1	18.8	-6.7
-1.9	14.1	19.3	-5.2
-1.8	16.0	19.9	-3.9
-1.7	17.5	20.5	-3.0
-1.6	19.1	21.2	-2.1
-1.5	20.4	21.9	-1.5
-1.4	21.6		
-1.3	22.7		
-1.2	23.7		
-1.1	24.5		
-1.0	25.3		
-0.9	26.1		
-0.8	26.7		
-0.7	27.3		
-0.6	27.8		
-0.5	28.2		
-0.4	28.5		
-0.3	28.7		
-0.2	28.9		
-0.1	29.0		
0.0	29.0		

6.2	-16.4	6.5	-22.8
6.3	-17.4	6.3	-23.8
6.4	-19.3	6.1	-25.5
6.5	-20.5	6.0	-26.5
6.6	-20.1	5.8	-25.9
6.7	-18.2	5.6	-23.9
6.8	-15.8	5.5	-21.3
6.9	-13.9	5.3	-19.2
7.0	-12.2	5.3	-17.5
7.1	-10.8	5.3	-16.1
7.2	-9.7	5.3	-15.0
7.3	-8.9	5.3	-14.2
7.4	-8.2	5.3	-13.5
7.5	-7.7	5.3	-13.0
7.6	-7.4	5.3	-12.7
7.7	-7.4	5.3	-12.7
7.8	-7.5	5.3	-12.8
7.9	-7.6	5.3	-12.9
8.0	-8.1	5.3	-13.4
8.1	-8.5	5.3	-13.8
8.2	-9.2	5.3	-14.5
8.3	-10.2	5.3	-15.5
8.4	-11.3	5.3	-16.6
8.5	-12.5	5.3	-17.8
8.6	-14.0	5.3	-19.3
8.7	-15.4	5.3	-20.7
8.8	-17.5	5.3	-22.8
8.9	-19.8	5.3	-25.1
9.0	-22.8	5.3	-28.1
9.1	-26.4	5.3	-31.7
9.2	-30.4	5.2	-35.6
9.3	-34.4	5.1	-39.5
9.4	-33.4	5.0	-38.4
9.5	-31.0	4.9	-35.9
9.6	-29.4	4.7	-34.2
9.7	-29.1	4.6	-33.7
9.8	-27.2	4.5	-31.8
9.9	-25.4	4.4	-29.8
10.0	-24.7	4.3	-29.0

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Azimuth, -180° to +180° @ 1.0° increment

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol Az

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
-179.0	-38.1	-12.7	-25.4
-178.0	-32.5	-12.7	-19.8
-177.0	-32.3	-12.7	-19.6
-176.0	-46.4	-12.7	-33.7
-175.0	-39.2	-12.7	-26.5
-174.0	-38.3	-12.7	-25.6
-173.0	-35.2	-12.7	-22.5
-172.0	-41.5	-12.7	-28.8
-171.0	-41.0	-12.7	-28.3
-170.0	-41.4	-12.7	-28.7
-169.0	-39.3	-12.7	-26.6
-168.0	-33.0	-12.7	-20.3
-167.0	-39.0	-12.7	-26.3
-166.0	-41.6	-12.7	-28.9
-165.0	-41.6	-12.7	-28.9
-164.0	-43.7	-12.7	-31.0
-163.0	-38.2	-12.7	-25.5
-162.0	-33.5	-12.7	-20.8
-161.0	-34.3	-12.7	-21.6
-160.0	-30.6	-12.7	-17.9
-159.0	-33.0	-12.7	-20.3
-158.0	-31.8	-12.7	-19.1
-157.0	-30.3	-12.7	-17.6
-156.0	-36.2	-12.7	-23.5
-155.0	-42.2	-12.7	-29.5
-154.0	-34.8	-12.7	-22.1
-153.0	-37.1	-12.7	-24.4
-152.0	-29.8	-12.7	-17.1
-151.0	-42.6	-12.7	-29.9
-150.0	-29.8	-12.7	-17.1
-149.0	-28.6	-12.7	-15.9
-148.0	-27.5	-12.7	-14.8
-147.0	-32.1	-12.7	-19.4
-146.0	-32.5	-12.7	-19.8
-145.0	-37.7	-12.7	-25.0
-144.0	-29.1	-12.7	-16.4
-143.0	-32.0	-12.7	-19.3
-142.0	-34.3	-12.7	-21.6
-141.0	-29.9	-12.7	-17.2
-140.0	-28.8	-12.7	-16.1
-139.0	-33.3	-12.7	-20.6
-138.0	-39.5	-12.7	-26.8
-137.0	-34.4	-12.7	-21.7
-136.0	-42.0	-12.7	-29.3
-135.0	-33.8	-12.7	-21.1
-134.0	-35.2	-12.7	-22.5
-133.0	-43.0	-12.7	-30.3
-132.0	-48.5	-12.7	-35.8
-131.0	-34.1	-12.7	-21.4
-130.0	-35.5	-12.7	-22.8
-129.0	-38.8	-12.7	-26.1
-128.0	-35.2	-12.7	-22.5
-127.0	-30.7	-12.7	-18.0
-126.0	-31.4	-12.7	-18.7
-125.0	-39.9	-12.7	-27.2
-124.0	-32.5	-12.7	-19.8
-123.0	-30.4	-12.7	-17.7
-122.0	-31.5	-12.7	-18.8
-121.0	-40.5	-12.7	-27.8
-120.0	-34.7	-12.7	-22.0
-119.0	-33.0	-12.7	-20.3
-118.0	-36.6	-12.7	-23.9

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol Az

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
0.0	29.0		
1.0	25.9		
2.0	16.3	18.8	-2.5
3.0	-1.5	14.4	-15.9
4.0	-4.5	11.2	-15.8
5.0	-8.4	8.8	-17.3
6.0	-14.8	6.8	-21.6
7.0	-12.2	5.3	-17.5
8.0	-8.1	5.3	-13.4
9.0	-22.8	5.3	-28.1
10.0	-24.7	4.3	-29.0
11.0	-17.9	3.3	-21.2
12.0	-12.3	2.3	-14.6
13.0	-13.7	1.5	-15.1
14.0	-15.9	0.6	-16.5
15.0	-16.0	-0.1	-15.9
16.0	-20.1	-0.8	-19.3
17.0	-25.4	-1.5	-24.0
18.0	-28.8	-2.1	-26.7
19.0	-22.2	-2.7	-19.5
20.0	-24.1	-3.2	-20.9
21.0	-32.9	-3.8	-29.2
22.0	-29.0	-4.3	-24.7
23.0	-38.3	-4.7	-33.6
24.0	-26.4	-5.2	-21.2
25.0	-24.5	-5.6	-18.9
26.0	-25.0	-6.1	-18.9
27.0	-24.9	-6.5	-18.4
28.0	-30.2	-6.9	-23.3
29.0	-32.9	-7.3	-25.7
30.0	-25.3	-7.6	-17.7
31.0	-25.0	-8.0	-17.0
32.0	-23.9	-8.3	-15.6
33.0	-22.1	-8.7	-13.4
34.0	-25.3	-9.0	-16.3
35.0	-42.5	-9.3	-33.2
36.0	-28.5	-9.6	-18.9
37.0	-27.3	-9.9	-17.4
38.0	-25.6	-10.2	-15.4
39.0	-23.4	-10.5	-12.9
40.0	-25.9	-10.8	-15.1
41.0	-43.0	-11.0	-31.9
42.0	-26.5	-11.3	-15.2
43.0	-26.3	-11.5	-14.8
44.0	-28.1	-11.8	-16.3
45.0	-32.4	-12.0	-20.4
46.0	-38.9	-12.3	-26.7
47.0	-32.0	-12.5	-19.5
48.0	-29.3	-12.7	-16.6
49.0	-30.7	-12.7	-18.0
50.0	-37.9	-12.7	-25.2
51.0	-41.9	-12.7	-29.2
52.0	-30.2	-12.7	-17.5
53.0	-31.0	-12.7	-18.3
54.0	-38.3	-12.7	-25.6
55.0	-30.5	-12.7	-17.8
56.0	-32.0	-12.7	-19.3
57.0	-29.2	-12.7	-16.5
58.0	-36.7	-12.7	-24.0
59.0	-36.5	-12.7	-23.8
60.0	-35.9	-12.7	-23.2
61.0	-34.8	-12.7	-22.1

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Azimuth, -180° to +180° @ 1.0° increment

-117.0	-37.5	-12.7	-24.8
-116.0	-34.1	-12.7	-21.4
-115.0	-49.4	-12.7	-36.7
-114.0	-37.6	-12.7	-24.9
-113.0	-29.9	-12.7	-17.2
-112.0	-31.0	-12.7	-18.3
-111.0	-33.1	-12.7	-20.4
-110.0	-39.5	-12.7	-26.8
-109.0	-35.6	-12.7	-22.9
-108.0	-36.7	-12.7	-24.0
-107.0	-51.2	-12.7	-38.5
-106.0	-38.3	-12.7	-25.6
-105.0	-27.6	-12.7	-14.9
-104.0	-32.2	-12.7	-19.5
-103.0	-31.2	-12.7	-18.5
-102.0	-29.3	-12.7	-16.6
-101.0	-32.4	-12.7	-19.7
-100.0	-34.3	-12.7	-21.6
-99.0	-29.9	-12.7	-17.2
-98.0	-31.1	-12.7	-18.4
-97.0	-29.9	-12.7	-17.2
-96.0	-31.0	-12.7	-18.3
-95.0	-30.7	-12.7	-18.0
-94.0	-28.5	-12.7	-15.8
-93.0	-28.5	-12.7	-15.8
-92.0	-27.9	-12.7	-15.2
-91.0	-29.1	-12.7	-16.4
-90.0	-27.9	-12.7	-15.2
-89.0	-27.6	-12.7	-14.9
-88.0	-26.1	-12.7	-13.4
-87.0	-31.2	-12.7	-18.5
-86.0	-33.2	-12.7	-20.5
-85.0	-35.5	-12.7	-22.8
-84.0	-32.6	-12.7	-19.9
-83.0	-31.8	-12.7	-19.1
-82.0	-33.9	-12.7	-21.2
-81.0	-32.3	-12.7	-19.6
-80.0	-29.1	-12.7	-16.4
-79.0	-31.4	-12.7	-18.7
-78.0	-32.5	-12.7	-19.8
-77.0	-31.9	-12.7	-19.2
-76.0	-30.9	-12.7	-18.2
-75.0	-26.6	-12.7	-13.9
-74.0	-27.9	-12.7	-15.2
-73.0	-26.1	-12.7	-13.4
-72.0	-26.7	-12.7	-14.0
-71.0	-31.9	-12.7	-19.2
-70.0	-34.5	-12.7	-21.8
-69.0	-40.5	-12.7	-27.8
-68.0	-31.6	-12.7	-18.9
-67.0	-29.5	-12.7	-16.8
-66.0	-29.4	-12.7	-16.7
-65.0	-28.5	-12.7	-15.8
-64.0	-33.3	-12.7	-20.6
-63.0	-37.1	-12.7	-24.4
-62.0	-50.7	-12.7	-38.0
-61.0	-32.3	-12.7	-19.6
-60.0	-28.5	-12.7	-15.8
-59.0	-25.5	-12.7	-12.8
-58.0	-30.2	-12.7	-17.5
-57.0	-33.2	-12.7	-20.5
-56.0	-33.7	-12.7	-21.0
-55.0	-30.2	-12.7	-17.5
-54.0	-32.0	-12.7	-19.3
-53.0	-31.2	-12.7	-18.5

62.0	-34.4	-12.7	-21.7
63.0	-33.4	-12.7	-20.7
64.0	-30.6	-12.7	-17.9
65.0	-41.4	-12.7	-28.7
66.0	-34.7	-12.7	-22.0
67.0	-30.1	-12.7	-17.4
68.0	-29.3	-12.7	-16.6
69.0	-31.6	-12.7	-18.9
70.0	-25.4	-12.7	-12.7
71.0	-28.0	-12.7	-15.3
72.0	-26.9	-12.7	-14.2
73.0	-26.0	-12.7	-13.3
74.0	-28.4	-12.7	-15.7
75.0	-24.9	-12.7	-12.2
76.0	-25.9	-12.7	-13.2
77.0	-24.4	-12.7	-11.7
78.0	-25.3	-12.7	-12.6
79.0	-31.1	-12.7	-18.4
80.0	-34.2	-12.7	-21.5
81.0	-28.8	-12.7	-16.1
82.0	-28.7	-12.7	-16.0
83.0	-30.4	-12.7	-17.7
84.0	-31.2	-12.7	-18.5
85.0	-33.0	-12.7	-20.3
86.0	-45.6	-12.7	-32.9
87.0	-35.2	-12.7	-22.5
88.0	-32.5	-12.7	-19.8
89.0	-35.1	-12.7	-22.4
90.0	-41.6	-12.7	-28.9
91.0	-40.5	-12.7	-27.8
92.0	-37.6	-12.7	-24.9
93.0	-43.8	-12.7	-31.1
94.0	-41.0	-12.7	-28.3
95.0	-61.5	-12.7	-48.8
96.0	-46.0	-12.7	-33.3
97.0	-33.4	-12.7	-20.7
98.0	-34.9	-12.7	-22.2
99.0	-37.5	-12.7	-24.8
100.0	-42.7	-12.7	-30.0
101.0	-43.5	-12.7	-30.8
102.0	-35.0	-12.7	-22.3
103.0	-35.1	-12.7	-22.4
104.0	-34.7	-12.7	-22.0
105.0	-39.3	-12.7	-26.6
106.0	-44.7	-12.7	-32.0
107.0	-35.1	-12.7	-22.4
108.0	-35.6	-12.7	-22.9
109.0	-47.3	-12.7	-34.6
110.0	-42.7	-12.7	-30.0
111.0	-47.4	-12.7	-34.7
112.0	-38.1	-12.7	-25.4
113.0	-42.1	-12.7	-29.4
114.0	-41.0	-12.7	-28.3
115.0	-54.5	-12.7	-41.8
116.0	-51.7	-12.7	-39.0
117.0	-43.3	-12.7	-30.6
118.0	-43.7	-12.7	-31.0
119.0	-50.2	-12.7	-37.5
120.0	-42.0	-12.7	-29.3
121.0	-43.4	-12.7	-30.7
122.0	-40.7	-12.7	-28.0
123.0	-41.0	-12.7	-28.3
124.0	-41.3	-12.7	-28.6
125.0	-36.5	-12.7	-23.8
126.0	-42.8	-12.7	-30.1

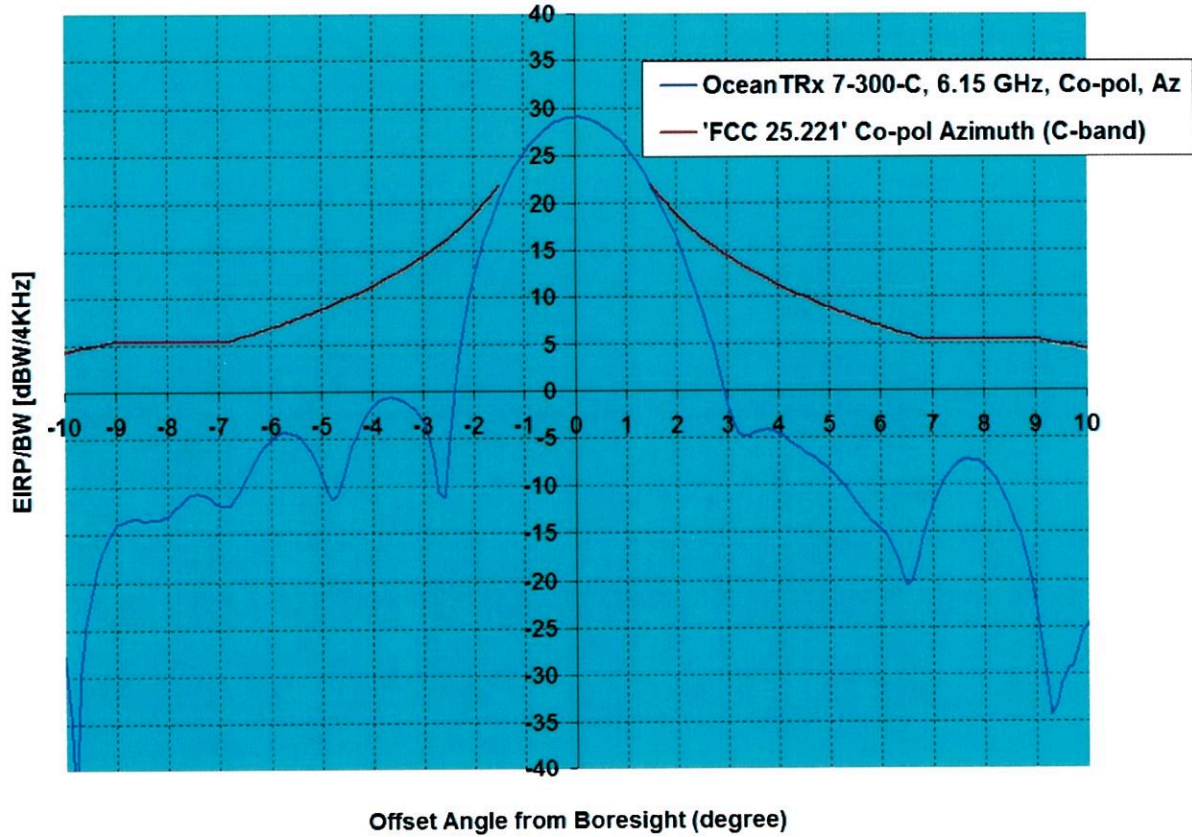
Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Azimuth, -180° to +180° @ 1.0° increment

-52.0	-29.5	-12.7	-16.8
-51.0	-35.2	-12.7	-22.5
-50.0	-29.7	-12.7	-17.0
-49.0	-27.3	-12.7	-14.6
-48.0	-24.0	-12.7	-11.3
-47.0	-24.6	-12.5	-12.1
-46.0	-26.5	-12.3	-14.2
-45.0	-28.3	-12.0	-16.2
-44.0	-37.0	-11.8	-25.2
-43.0	-31.8	-11.5	-20.3
-42.0	-28.7	-11.3	-17.4
-41.0	-28.0	-11.0	-17.0
-40.0	-31.3	-10.8	-20.6
-39.0	-36.3	-10.5	-25.8
-38.0	-35.4	-10.2	-25.2
-37.0	-25.7	-9.9	-15.8
-36.0	-35.5	-9.6	-25.9
-35.0	-27.0	-9.3	-17.7
-34.0	-36.8	-9.0	-27.8
-33.0	-29.2	-8.7	-20.5
-32.0	-24.3	-8.3	-16.0
-31.0	-24.6	-8.0	-16.6
-30.0	-22.9	-7.6	-15.3
-29.0	-35.6	-7.3	-28.4
-28.0	-30.4	-6.9	-23.5
-27.0	-24.3	-6.5	-17.8
-26.0	-29.8	-6.1	-23.7
-25.0	-27.4	-5.6	-21.8
-24.0	-22.9	-5.2	-17.7
-23.0	-26.5	-4.7	-21.8
-22.0	-25.0	-4.3	-20.7
-21.0	-16.6	-3.8	-12.9
-20.0	-22.4	-3.2	-19.2
-19.0	-23.5	-2.7	-20.9
-18.0	-25.1	-2.1	-23.0
-17.0	-42.2	-1.5	-40.7
-16.0	-26.9	-0.8	-26.1
-15.0	-21.4	-0.1	-21.3
-14.0	-21.1	0.6	-21.8
-13.0	-18.6	1.5	-20.1
-12.0	-22.2	2.3	-24.5
-11.0	-18.5	3.3	-21.8
-10.0	-28.4	4.3	-32.7
-9.0	-14.0	5.3	-19.3
-8.0	-13.2	5.3	-18.5
-7.0	-12.0	5.3	-17.3
-6.0	-5.1	6.8	-11.9
-5.0	-9.1	8.8	-17.9
-4.0	-1.5	11.2	-12.8
-3.0	-3.3	14.4	-17.7
-2.0	12.1	18.8	-6.7
-1.0	25.3		
0.0	29.0		

127.0	-32.0	-12.7	-19.3
128.0	-36.0	-12.7	-23.3
129.0	-33.0	-12.7	-20.3
130.0	-46.5	-12.7	-33.8
131.0	-41.7	-12.7	-29.0
132.0	-33.9	-12.7	-21.2
133.0	-43.3	-12.7	-30.6
134.0	-51.0	-12.7	-38.3
135.0	-34.0	-12.7	-21.3
136.0	-40.3	-12.7	-27.6
137.0	-44.1	-12.7	-31.4
138.0	-42.8	-12.7	-30.1
139.0	-39.5	-12.7	-26.8
140.0	-33.4	-12.7	-20.7
141.0	-51.6	-12.7	-38.9
142.0	-37.4	-12.7	-24.7
143.0	-35.7	-12.7	-23.0
144.0	-35.5	-12.7	-22.8
145.0	-39.5	-12.7	-26.8
146.0	-40.5	-12.7	-27.8
147.0	-43.6	-12.7	-30.9
148.0	-35.7	-12.7	-23.0
149.0	-37.4	-12.7	-24.7
150.0	-36.9	-12.7	-24.2
151.0	-39.7	-12.7	-27.0
152.0	-36.7	-12.7	-24.0
153.0	-41.1	-12.7	-28.4
154.0	-33.7	-12.7	-21.0
155.0	-40.9	-12.7	-28.2
156.0	-40.4	-12.7	-27.7
157.0	-36.6	-12.7	-23.9
158.0	-39.5	-12.7	-26.8
159.0	-34.8	-12.7	-22.1
160.0	-30.0	-12.7	-17.3
161.0	-30.3	-12.7	-17.6
162.0	-43.2	-12.7	-30.5
163.0	-33.0	-12.7	-20.3
164.0	-29.2	-12.7	-16.5
165.0	-33.8	-12.7	-21.1
166.0	-31.3	-12.7	-18.6
167.0	-28.4	-12.7	-15.7
168.0	-36.0	-12.7	-23.3
169.0	-31.3	-12.7	-18.6
170.0	-36.0	-12.7	-23.3
171.0	-47.6	-12.7	-34.9
172.0	-39.3	-12.7	-26.6
173.0	-31.0	-12.7	-18.3
174.0	-38.5	-12.7	-25.8
175.0	-32.9	-12.7	-20.2
176.0	-28.7	-12.7	-16.0
177.0	-45.2	-12.7	-32.5
178.0	-34.7	-12.7	-22.0
179.0	-42.4	-12.7	-29.7

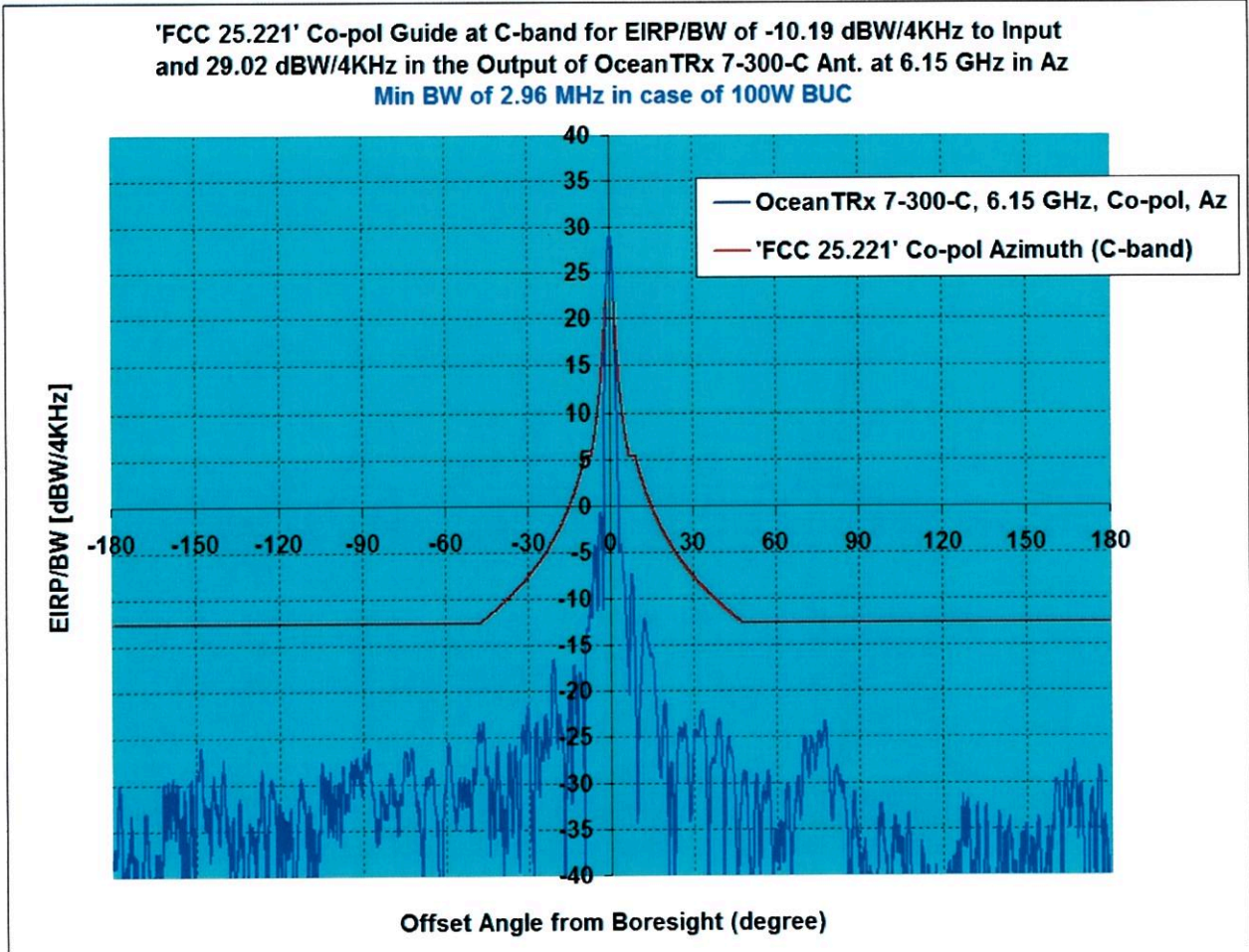
Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd, Co-pol, Azimuth

'FCC 25.221' Co-pol Guide at C-band for EIRP/BW of -10.19 dBW/4KHz to Input
 and 29.02 dBW/4KHz in the Output of OceanTRx 7-300-C Ant. at 6.15 GHz in Az
 Min BW of 2.96 MHz in case of 100W BUC



Configuration System, Frequency, Polarization, Plane	Input EIRPsd dBW/4KHz	Antenna Gain dBi	Peak Excursions dB		Over Mask %
			± (1.5° to 7°)	± (7° to 180°)	
OceanTRx 7-300-C, 6.15 GHz, Co-pol, Az	-10.19	39.21	0.00	-10.60	0.00

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd, Co-pol, Azimuth



Configuration System, Frequency, Polarization, Plane	Input EIRPsd dBW/4KHz	Antenna Gain dBi	Peak Excursions dB		Over Mask %
			± (1.5° to 7°)	± (7° to 180°)	
OceanTRx 7-300-C, 6.15 GHz, Co-pol, Az	-10.19	39.21	0.00	-10.60	0.00

(B) Tables

Orbit Communication - Satcom Products OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table Co-pol Elevation, -10° to +10° @ 0.1° increment

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol EI

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
-10.0	-9.1	4.3	-13.4
-9.9	-8.6	4.4	-13.0
-9.8	-8.3	4.5	-12.9
-9.7	-8.3	4.6	-12.9
-9.6	-8.4	4.7	-13.1
-9.5	-8.8	4.9	-13.6
-9.4	-9.3	5.0	-14.3
-9.3	-10.0	5.1	-15.1
-9.2	-11.0	5.2	-16.2
-9.1	-12.5	5.3	-17.8
-9.0	-14.3	5.4	-19.7
-8.9	-16.3	5.6	-21.9
-8.8	-18.7	5.7	-24.4
-8.7	-20.5	5.8	-26.3
-8.6	-20.2	5.9	-26.1
-8.5	-18.2	6.1	-24.2
-8.4	-15.9	6.2	-22.1
-8.3	-14.1	6.3	-20.4
-8.2	-12.9	6.5	-19.3
-8.1	-12.0	6.6	-18.6
-8.0	-11.6	6.7	-18.3
-7.9	-11.6	6.9	-18.5
-7.8	-11.9	7.0	-18.9
-7.7	-12.5	7.1	-19.6
-7.6	-13.6	7.3	-20.9
-7.5	-15.3	7.4	-22.7
-7.4	-17.4	7.6	-25.0
-7.3	-19.7	7.7	-27.4
-7.2	-19.6	7.9	-27.5
-7.1	-16.5	8.0	-24.5
-7.0	-13.2	8.2	-21.4
-6.9	-10.4	8.3	-18.7
-6.8	-8.2	8.5	-16.7
-6.7	-6.6	8.6	-15.3
-6.6	-5.4	8.8	-14.2
-6.5	-4.5	9.0	-13.5
-6.4	-3.8	9.1	-12.9
-6.3	-3.3	9.3	-12.6
-6.2	-3.0	9.5	-12.5
-6.1	-2.8	9.7	-12.4
-6.0	-2.7	9.8	-12.6
-5.9	-2.9	10.0	-12.9
-5.8	-3.2	10.2	-13.4
-5.7	-3.8	10.4	-14.2
-5.6	-4.6	10.6	-15.2
-5.5	-5.8	10.8	-16.6
-5.4	-7.3	11.0	-18.2
-5.3	-9.0	11.2	-20.2
-5.2	-10.7	11.4	-22.1
-5.1	-11.1	11.6	-22.7
-5.0	-9.7	11.8	-21.6
-4.9	-7.6	12.0	-19.6
-4.8	-5.3	12.3	-17.6
-4.7	-3.3	12.5	-15.8
-4.6	-1.5	12.7	-14.2
-4.5	0.0	13.0	-12.9
-4.4	1.4	13.2	-11.8
-4.3	2.5	13.5	-11.0
-4.2	3.4	13.7	-10.3
-4.1	4.3	14.0	-9.7
-4.0	5.0	14.2	-9.3
-3.9	5.5	14.5	-9.0

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol EI

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
0.0	28.9		
0.1	28.7		
0.2	28.5		
0.3	28.2		
0.4	27.9		
0.5	27.5		
0.6	27.1		
0.7	26.6		
0.8	26.1		
0.9	25.6		
1.0	25.0		
1.1	24.3		
1.2	23.7		
1.3	22.9		
1.4	22.1		
1.5	21.2		
1.6	20.3		
1.7	19.4		
1.8	18.5		
1.9	17.5		
2.0	16.5		
2.1	15.4		
2.2	14.4		
2.3	13.3		
2.4	12.1		
2.5	11.1		
2.6	10.0		
2.7	8.8		
2.8	7.8		
2.9	6.8		
3.0	5.7	17.4	-11.6
3.1	4.7	17.0	-12.3
3.2	3.7	16.7	-13.0
3.3	2.7	16.3	-13.6
3.4	1.7	16.0	-14.3
3.5	0.5	15.7	-15.1
3.6	-0.6	15.4	-16.0
3.7	-1.8	15.1	-16.9
3.8	-2.9	14.8	-17.7
3.9	-4.2	14.5	-18.7
4.0	-5.5	14.2	-19.7
4.1	-6.6	14.0	-20.5
4.2	-7.5	13.7	-21.2
4.3	-8.3	13.5	-21.8
4.4	-8.9	13.2	-22.1
4.5	-9.3	13.0	-22.2
4.6	-9.6	12.7	-22.3
4.7	-10.0	12.5	-22.5
4.8	-10.4	12.3	-22.7
4.9	-10.8	12.0	-22.9
5.0	-11.5	11.8	-23.3
5.1	-12.3	11.6	-23.9
5.2	-13.3	11.4	-24.7
5.3	-14.5	11.2	-25.7
5.4	-16.0	11.0	-27.0
5.5	-17.6	10.8	-28.4
5.6	-19.5	10.6	-30.1
5.7	-21.3	10.4	-31.8
5.8	-22.7	10.2	-32.9
5.9	-23.1	10.0	-33.1
6.0	-22.4	9.8	-32.2
6.1	-21.5	9.7	-31.2

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Elevation, -10° to +10° @ 0.1° increment

-3.8	5.9	14.8	-8.9
-3.7	6.2	15.1	-8.9
-3.6	6.3	15.4	-9.1
-3.5	6.2	15.7	-9.5
-3.4	5.9	16.0	-10.1
-3.3	5.2	16.3	-11.1
-3.2	4.0	16.7	-12.6
-3.1	2.2	17.0	-14.8
-3.0	-0.7	17.4	-18.1
-2.9	-6.9		
-2.8	-14.1		
-2.7	-1.6		
-2.6	4.1		
-2.5	7.9		
-2.4	10.9		
-2.3	13.4		
-2.2	15.4		
-2.1	17.2		
-2.0	18.8		
-1.9	20.2		
-1.8	21.4		
-1.7	22.5		
-1.6	23.5		
-1.5	24.3		
-1.4	25.0		
-1.3	25.8		
-1.2	26.4		
-1.1	26.9		
-1.0	27.4		
-0.9	27.8		
-0.8	28.2		
-0.7	28.5		
-0.6	28.7		
-0.5	28.9		
-0.4	29.0		
-0.3	29.0		
-0.2	29.0		
-0.1	29.0		
0.0	28.9		

6.2	-20.3	9.5	-29.8
6.3	-19.2	9.3	-28.5
6.4	-18.1	9.1	-27.3
6.5	-17.2	9.0	-26.2
6.6	-16.4	8.8	-25.2
6.7	-15.5	8.6	-24.1
6.8	-14.7	8.5	-23.2
6.9	-14.0	8.3	-22.4
7.0	-13.4	8.2	-21.5
7.1	-12.9	8.0	-20.9
7.2	-12.6	7.9	-20.5
7.3	-12.4	7.7	-20.1
7.4	-12.4	7.6	-20.0
7.5	-12.6	7.4	-20.0
7.6	-12.8	7.3	-20.1
7.7	-13.3	7.1	-20.4
7.8	-13.9	7.0	-20.9
7.9	-14.6	6.9	-21.5
8.0	-15.5	6.7	-22.2
8.1	-16.6	6.6	-23.2
8.2	-17.8	6.5	-24.3
8.3	-19.2	6.3	-25.5
8.4	-20.4	6.2	-26.6
8.5	-21.2	6.1	-27.3
8.6	-21.4	5.9	-27.3
8.7	-21.1	5.8	-26.9
8.8	-20.5	5.7	-26.2
8.9	-20.0	5.6	-25.5
9.0	-19.5	5.4	-25.0
9.1	-19.2	5.3	-24.6
9.2	-19.1	5.2	-24.3
9.3	-19.2	5.1	-24.3
9.4	-19.4	5.0	-24.4
9.5	-19.9	4.9	-24.7
9.6	-20.4	4.7	-25.1
9.7	-20.9	4.6	-25.6
9.8	-21.4	4.5	-25.9
9.9	-21.7	4.4	-26.2
10.0	-21.8	4.3	-26.1

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 Co-pol Elevation, -30° to +30° @ 0.5° increment

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol EI

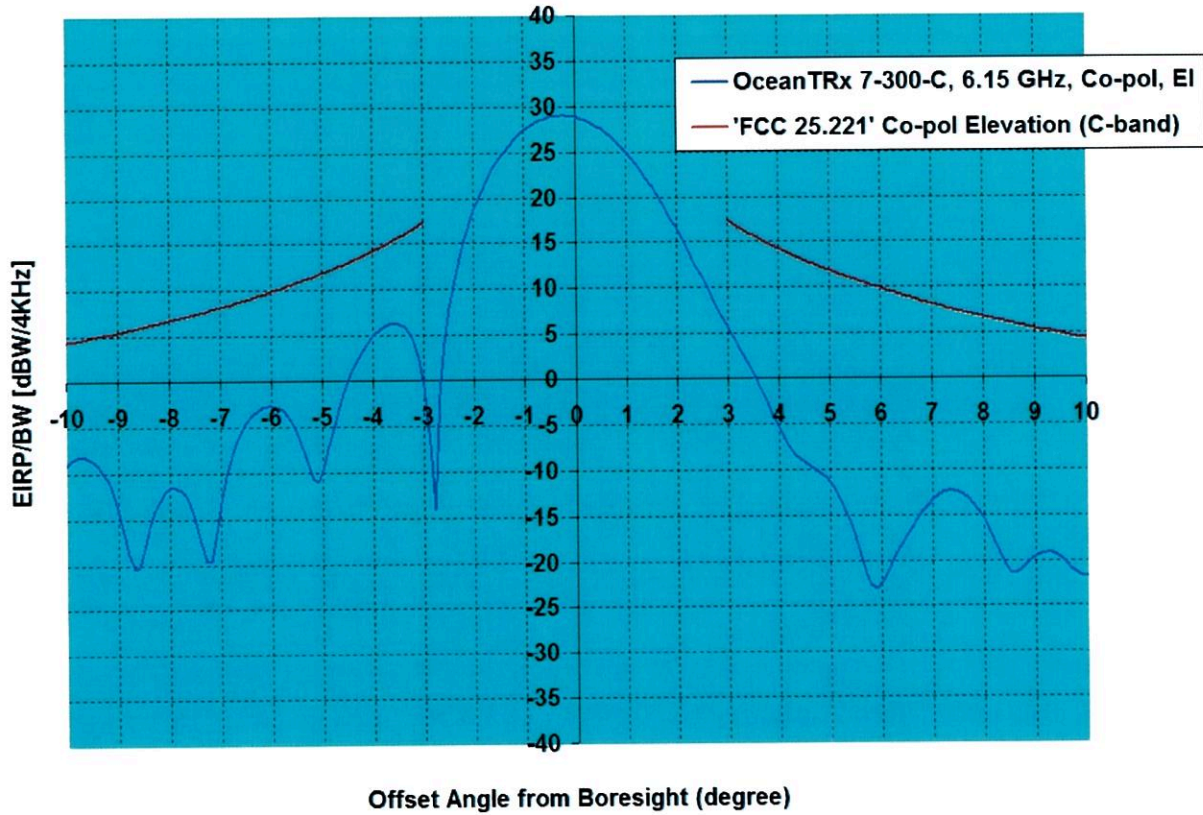
Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
-30.0	-24.9	-7.6	-17.3
-29.5	-27.0	-7.4	-19.5
-29.0	-29.5	-7.3	-22.2
-28.5	-32.4	-7.1	-25.4
-28.0	-34.2	-6.9	-27.4
-27.5	-23.5	-6.7	-16.8
-27.0	-22.1	-6.5	-15.6
-26.5	-25.5	-6.3	-19.3
-26.0	-45.6	-6.1	-39.6
-25.5	-28.2	-5.9	-22.3
-25.0	-24.7	-5.6	-19.0
-24.5	-23.4	-5.4	-18.0
-24.0	-23.4	-5.2	-18.2
-23.5	-31.2	-5.0	-26.3
-23.0	-23.6	-4.7	-18.9
-22.5	-18.8	-4.5	-14.3
-22.0	-20.5	-4.3	-16.3
-21.5	-28.4	-4.0	-24.4
-21.0	-39.5	-3.8	-35.8
-20.5	-25.5	-3.5	-22.0
-20.0	-18.8	-3.2	-15.6
-19.5	-16.9	-3.0	-13.9
-19.0	-18.4	-2.7	-15.7
-18.5	-22.9	-2.4	-20.5
-18.0	-21.8	-2.1	-19.7
-17.5	-16.7	-1.8	-14.9
-17.0	-14.9	-1.5	-13.4
-16.5	-15.8	-1.1	-14.6
-16.0	-19.3	-0.8	-18.4
-15.5	-26.0	-0.5	-25.6
-15.0	-44.7	-0.1	-44.6
-14.5	-21.4	0.3	-21.6
-14.0	-16.4	0.6	-17.0
-13.5	-17.5	1.0	-18.5
-13.0	-35.9	1.5	-37.4
-12.5	-16.2	1.9	-18.1
-12.0	-11.1	2.3	-13.4
-11.5	-11.0	2.8	-13.8
-11.0	-15.0	3.3	-18.3
-10.5	-13.9	3.8	-17.7
-10.0	-9.1	4.3	-13.4
-9.5	-8.8	4.9	-13.6
-9.0	-14.3	5.4	-19.7
-8.5	-18.2	6.1	-24.2
-8.0	-11.6	6.7	-18.3
-7.5	-15.3	7.4	-22.7
-7.0	-13.2	8.2	-21.4
-6.5	-4.5	9.0	-13.5
-6.0	-2.7	9.8	-12.6
-5.5	-5.8	10.8	-16.6
-5.0	-9.7	11.8	-21.6
-4.5	0.0	13.0	-12.9
-4.0	5.0	14.2	-9.3
-3.5	6.2	15.7	-9.5
-3.0	-0.7	17.4	-18.1
-2.5	7.9		
-2.0	18.8		
-1.5	24.3		
-1.0	27.4		
-0.5	28.9		
0.0	28.9		

6.15 GHz @ -10.19 dBW / 4 kHz in Co-pol EI

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4kHz	dBW/4kHz	dB
0.0	28.9		
0.5	27.5		
1.0	25.0		
1.5	21.2		
2.0	16.5		
2.5	11.1		
3.0	5.7	17.4	-11.6
3.5	0.5	15.7	-15.1
4.0	-5.5	14.2	-19.7
4.5	-9.3	13.0	-22.2
5.0	-11.5	11.8	-23.3
5.5	-17.6	10.8	-28.4
6.0	-22.4	9.8	-32.2
6.5	-17.2	9.0	-26.2
7.0	-13.4	8.2	-21.5
7.5	-12.6	7.4	-20.0
8.0	-15.5	6.7	-22.2
8.5	-21.2	6.1	-27.3
9.0	-19.5	5.4	-25.0
9.5	-19.9	4.9	-24.7
10.0	-21.8	4.3	-26.1
10.5	-20.0	3.8	-23.8
11.0	-18.1	3.3	-21.4
11.5	-17.2	2.8	-20.0
12.0	-18.2	2.3	-20.5
12.5	-22.5	1.9	-24.4
13.0	-26.3	1.5	-27.8
13.5	-23.2	1.0	-24.2
14.0	-24.9	0.6	-25.5
14.5	-38.4	0.3	-38.6
15.0	-29.7	-0.1	-29.6
15.5	-26.8	-0.5	-26.4
16.0	-28.5	-0.8	-27.7
16.5	-22.8	-1.1	-21.7
17.0	-18.2	-1.5	-16.8
17.5	-16.5	-1.8	-14.7
18.0	-16.8	-2.1	-14.7
18.5	-18.6	-2.4	-16.3
19.0	-21.1	-2.7	-18.5
19.5	-23.9	-3.0	-21.0
20.0	-25.2	-3.2	-22.0
20.5	-24.6	-3.5	-21.1
21.0	-23.5	-3.8	-19.8
21.5	-23.4	-4.0	-19.3
22.0	-23.3	-4.3	-19.0
22.5	-23.6	-4.5	-19.1
23.0	-24.2	-4.7	-19.5
23.5	-25.3	-5.0	-20.3
24.0	-27.7	-5.2	-22.5
24.5	-34.5	-5.4	-29.1
25.0	-38.8	-5.6	-33.1
25.5	-33.6	-5.9	-27.7
26.0	-33.3	-6.1	-27.3
26.5	-28.5	-6.3	-22.2
27.0	-23.8	-6.5	-17.4
27.5	-21.7	-6.7	-15.0
28.0	-21.1	-6.9	-14.2
28.5	-21.2	-7.1	-14.1
29.0	-21.0	-7.3	-13.7
29.5	-20.6	-7.4	-13.2
30.0	-20.7	-7.6	-13.0

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 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd, Co-pol, Elevation

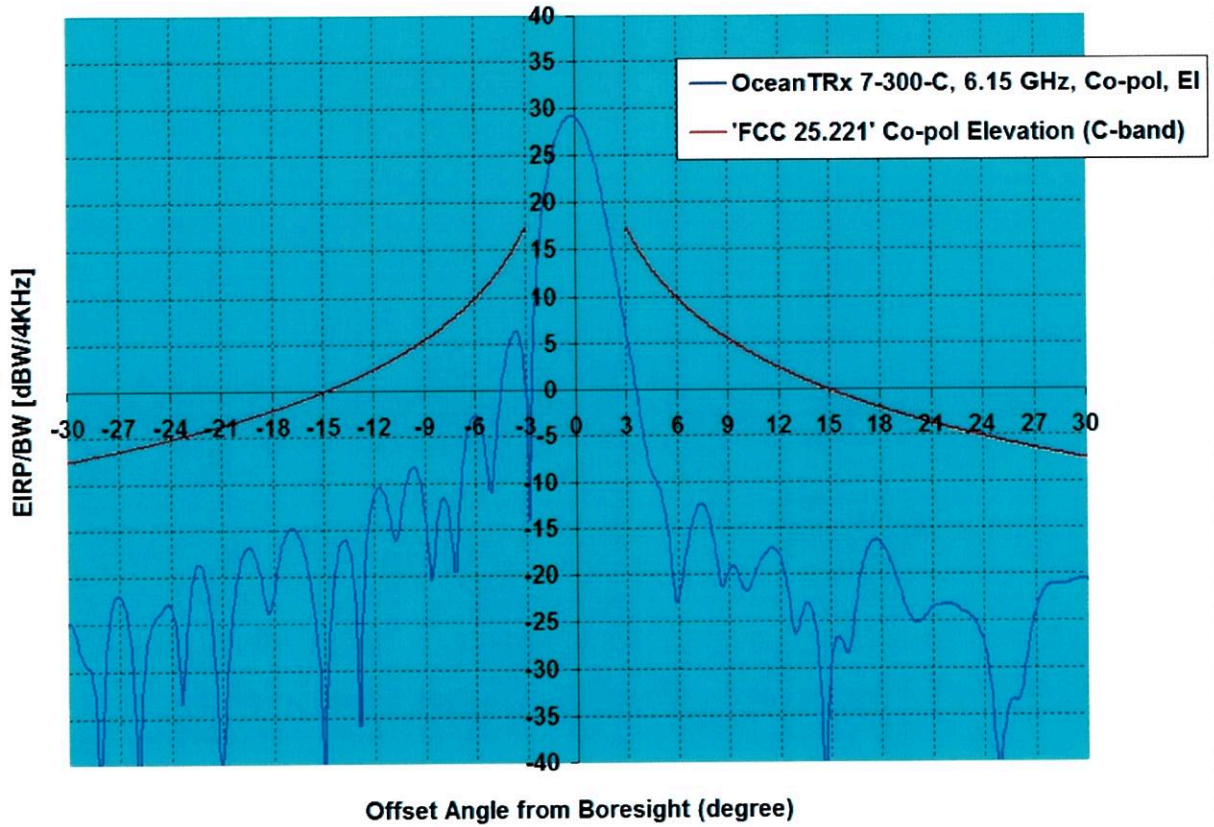
**'FCC 25.221' Co-pol Guide at C-band for EIRP/BW of -10.19 dBW/4KHz to Input
 and 29.02 dBW/4KHz in the Output of OceanTRx 7-300-C Ant. at 6.15 GHz in EI
 Min BW of 2.96 MHz in case of 100W BUC**



Configuration	Input EIRPsd dBW/4KHz	Antenna Gain dBi	Peak Excursions dB		Over Mask %
			± (3° to 7°)	± (3° to 30°)	
OceanTRx 7-300-C, 6.15 GHz, Co-pol, EI	-10.19	39.21	-8.88	-8.88	0.00

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd, Co-pol, Elevation

**'FCC 25.221' Co-pol Guide at C-band for EIRP/BW of -10.19 dBW/4KHz to Input
 and 29.02 dBW/4KHz in the Output of OceanTRx 7-300-C Ant. at 6.15 GHz in EI
 Min BW of 2.96 MHz in case of 100W BUC**



Configuration System, Frequency, Polarization, Plane	Input EIRPsd dBW/4KHz	Antenna Gain dBi	Peak Excursions dB		Over Mask %
			± (3° to 7°)	± (3° to 30°)	
OceanTRx 7-300-C, 6.15 GHz, Co-pol, EI	-10.19	39.21	-8.88	-8.88	0.00

(C) Tables

Orbit Communication - Satcom Products
OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
X-pol Azimuth, -10° to +10° @ 0.1° increment

6.15 GHz @ -10.19 dBW / 4 kHz in X-pol Az

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
-10.0	-26.5	-4.7	-21.8
-9.9	-24.5	-4.7	-19.8
-9.8	-22.6	-4.7	-17.9
-9.7	-21.2	-4.7	-16.5
-9.6	-19.8	-4.7	-15.1
-9.5	-19.0	-4.7	-14.3
-9.4	-18.2	-4.7	-13.5
-9.3	-17.7	-4.7	-13.0
-9.2	-17.3	-4.7	-12.6
-9.1	-17.3	-4.7	-12.6
-9.0	-17.1	-4.7	-12.4
-8.9	-17.5	-4.7	-12.8
-8.8	-18.1	-4.7	-13.4
-8.7	-19.0	-4.7	-14.3
-8.6	-20.2	-4.7	-15.5
-8.5	-22.2	-4.7	-17.5
-8.4	-24.0	-4.7	-19.3
-8.3	-25.4	-4.7	-20.7
-8.2	-25.1	-4.7	-20.4
-8.1	-22.8	-4.7	-18.1
-8.0	-20.2	-4.7	-15.5
-7.9	-18.1	-4.7	-13.4
-7.8	-16.2	-4.7	-11.5
-7.7	-15.0	-4.7	-10.3
-7.6	-13.8	-4.7	-9.1
-7.5	-13.0	-4.7	-8.3
-7.4	-12.2	-4.7	-7.5
-7.3	-11.7	-4.7	-7.0
-7.2	-11.3	-4.7	-6.6
-7.1	-11.1	-4.7	-6.4
-7.0	-11.1	-4.7	-6.4
-6.9	-11.2	-4.7	-6.5
-6.8	-11.5	-4.5	-7.0
-6.7	-12.1	-4.4	-7.7
-6.6	-12.8	-4.2	-8.6
-6.5	-13.6	-4.0	-9.6
-6.4	-14.9	-3.9	-11.0
-6.3	-16.5	-3.7	-12.8
-6.2	-18.1	-3.5	-14.6
-6.1	-20.9	-3.3	-17.5
-6.0	-23.5	-3.2	-20.3
-5.9	-26.1	-3.0	-23.1
-5.8	-25.1	-2.8	-22.3
-5.7	-22.8	-2.6	-20.2
-5.6	-21.0	-2.4	-18.6
-5.5	-19.5	-2.2	-17.3
-5.4	-18.8	-2.0	-16.8
-5.3	-18.7	-1.8	-16.9
-5.2	-18.6	-1.6	-17.0
-5.1	-19.7	-1.4	-18.3
-5.0	-20.6	-1.2	-19.5
-4.9	-22.8	-1.0	-21.8
-4.8	-25.3	-0.7	-24.6
-4.7	-29.4	-0.5	-28.9
-4.6	-29.1	-0.3	-28.8
-4.5	-23.8	0.0	-23.8
-4.4	-20.7	0.2	-21.0
-4.3	-19.1	0.5	-19.6
-4.2	-17.2	0.7	-17.9
-4.1	-16.5	1.0	-17.5
-4.0	-15.8	1.2	-17.1
-3.9	-16.0	1.5	-17.5

6.15 GHz @ -10.19 dBW / 4 kHz in X-pol Az

Angle Degrees	EIRPsd dBW/4kHz	Mask dBW/4kHz	Over Mask dB
0.0	0.5		
0.1	-0.3		
0.2	-1.8		
0.3	-3.0		
0.4	-4.8		
0.5	-5.6		
0.6	-5.2		
0.7	-3.8		
0.8	-1.8		
0.9	0.1		
1.0	1.5		
1.1	2.7		
1.2	3.6		
1.3	4.4		
1.4	5.0		
1.5	5.6		
1.6	5.9		
1.7	6.1		
1.8	6.2	9.9	-3.7
1.9	6.2	9.3	-3.2
2.0	6.0	8.8	-2.7
2.1	5.8	8.2	-2.4
2.2	5.5	7.7	-2.3
2.3	5.1	7.3	-2.2
2.4	4.6	6.8	-2.2
2.5	4.0	6.4	-2.4
2.6	3.2	5.9	-2.7
2.7	2.5	5.5	-3.0
2.8	1.7	5.1	-3.4
2.9	0.9	4.7	-3.9
3.0	-0.1	4.4	-4.5
3.1	-1.2	4.0	-5.2
3.2	-2.2	3.7	-5.9
3.3	-3.4	3.3	-6.7
3.4	-4.7	3.0	-7.7
3.5	-6.1	2.7	-8.8
3.6	-7.6	2.4	-9.9
3.7	-9.3	2.1	-11.4
3.8	-11.0	1.8	-12.8
3.9	-12.7	1.5	-14.2
4.0	-14.6	1.2	-15.9
4.1	-16.7	1.0	-17.7
4.2	-18.0	0.7	-18.7
4.3	-18.1	0.5	-18.5
4.4	-16.9	0.2	-17.1
4.5	-15.4	0.0	-15.3
4.6	-14.0	-0.3	-13.8
4.7	-13.1	-0.5	-12.6
4.8	-12.2	-0.7	-11.4
4.9	-11.4	-1.0	-10.5
5.0	-10.9	-1.2	-9.8
5.1	-10.6	-1.4	-9.2
5.2	-10.3	-1.6	-8.7
5.3	-10.1	-1.8	-8.3
5.4	-9.8	-2.0	-7.8
5.5	-9.7	-2.2	-7.5
5.6	-9.8	-2.4	-7.4
5.7	-9.8	-2.6	-7.2
5.8	-9.8	-2.8	-7.1
5.9	-10.0	-3.0	-7.0
6.0	-10.3	-3.2	-7.1
6.1	-10.4	-3.3	-7.0

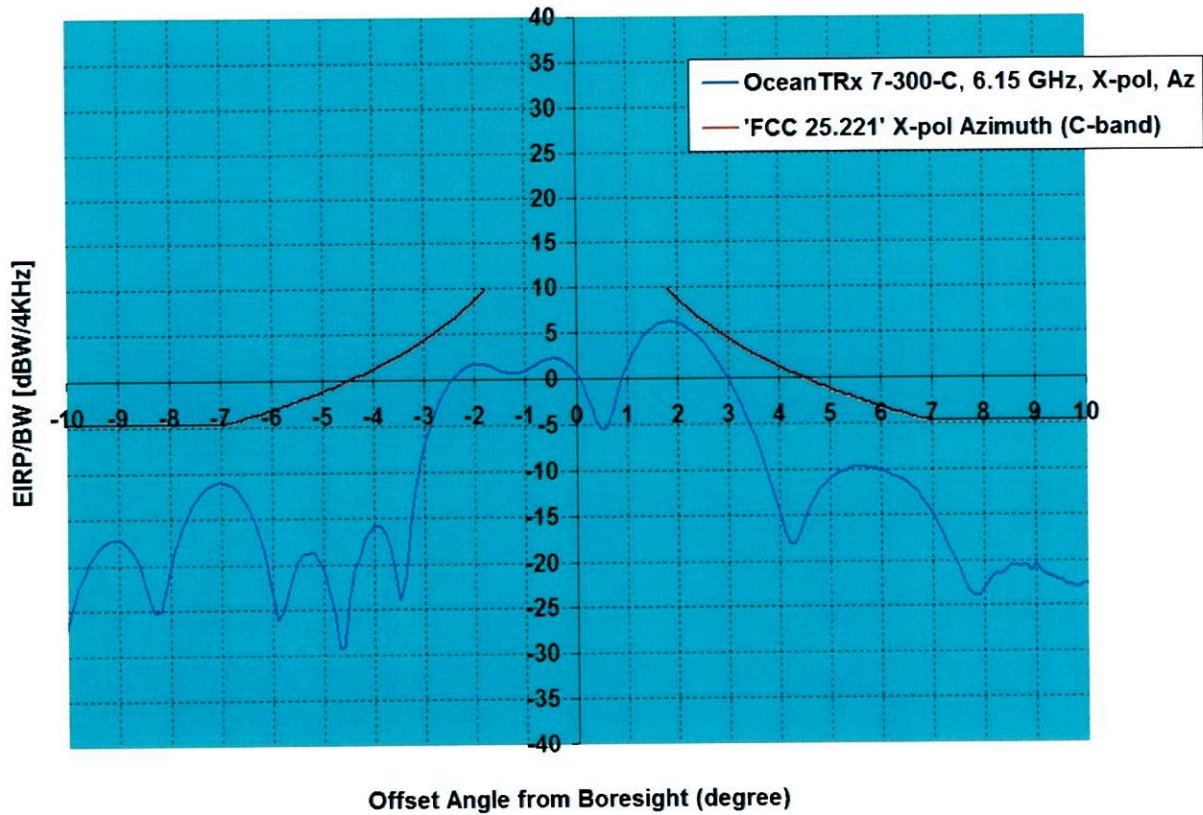
Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd Data Table
 X-pol Azimuth, -10° to +10° @ 0.1° increment

-3.8	-16.6	1.8	-18.4
-3.7	-18.1	2.1	-20.2
-3.6	-20.8	2.4	-23.2
-3.5	-24.0	2.7	-26.7
-3.4	-21.5	3.0	-24.5
-3.3	-15.9	3.3	-19.2
-3.2	-12.2	3.7	-15.8
-3.1	-9.2	4.0	-13.2
-3.0	-7.0	4.4	-11.4
-2.9	-5.0	4.7	-9.7
-2.8	-3.5	5.1	-8.6
-2.7	-2.2	5.5	-7.7
-2.6	-1.1	5.9	-7.1
-2.5	-0.3	6.4	-6.6
-2.4	0.4	6.8	-6.4
-2.3	0.9	7.3	-6.3
-2.2	1.3	7.7	-6.4
-2.1	1.5	8.2	-6.7
-2.0	1.6	8.8	-7.1
-1.9	1.6	9.3	-7.7
-1.8	1.5	9.9	-8.4
-1.7	1.4		
-1.6	1.2		
-1.5	1.0		
-1.4	0.8		
-1.3	0.6		
-1.2	0.6		
-1.1	0.7		
-1.0	0.9		
-0.9	1.3		
-0.8	1.6		
-0.7	2.0		
-0.6	2.2		
-0.5	2.3		
-0.4	2.3		
-0.3	2.1		
-0.2	1.8		
-0.1	1.3		
0.0	0.5		

6.2	-10.6	-3.5	-7.1
6.3	-10.8	-3.7	-7.1
6.4	-11.2	-3.9	-7.3
6.5	-11.5	-4.0	-7.4
6.6	-12.0	-4.2	-7.8
6.7	-12.4	-4.4	-8.0
6.8	-13.3	-4.5	-8.8
6.9	-14.1	-4.7	-9.4
7.0	-14.9	-4.7	-10.2
7.1	-15.9	-4.7	-11.2
7.2	-17.0	-4.7	-12.3
7.3	-18.3	-4.7	-13.6
7.4	-19.5	-4.7	-14.8
7.5	-20.6	-4.7	-15.9
7.6	-22.1	-4.7	-17.4
7.7	-23.3	-4.7	-18.6
7.8	-23.7	-4.7	-19.0
7.9	-23.8	-4.7	-19.1
8.0	-23.0	-4.7	-18.3
8.1	-22.2	-4.7	-17.5
8.2	-21.5	-4.7	-16.8
8.3	-21.5	-4.7	-16.8
8.4	-21.1	-4.7	-16.4
8.5	-20.6	-4.7	-15.9
8.6	-20.4	-4.7	-15.7
8.7	-20.7	-4.7	-16.0
8.8	-20.4	-4.7	-15.7
8.9	-21.1	-4.7	-16.4
9.0	-20.5	-4.7	-15.8
9.1	-21.1	-4.7	-16.4
9.2	-21.5	-4.7	-16.8
9.3	-21.8	-4.7	-17.1
9.4	-22.0	-4.7	-17.3
9.5	-22.1	-4.7	-17.4
9.6	-22.7	-4.7	-18.0
9.7	-22.8	-4.7	-18.1
9.8	-22.9	-4.7	-18.2
9.9	-22.5	-4.7	-17.8
10.0	-22.5	-4.7	-17.8

Orbit Communication - Satcom Products
 OceanTRx 7-300-C, 2.2m Antenna, EIRPsd, X-pol, Azimuth

'FCC 25.221' X-pol Guide at C-band for EIRP/BW of -10.19 dBW/4KHz to Input
 and 29.02 dBW/4KHz in the Output of OceanTRx 7-300-C Ant. at 6.15 GHz in Az
 Min BW of 2.96 MHz in case of 100W BUC



Configuration	Input EIRPsd dBW/4KHz	Antenna Gain dBi	Peak Excursions dB		Over Mask %
			± (1.8° to 7°)	± (1.8° to 180°)	
OceanTRx 7-300-C, 6.15 GHz, X-pol, Az	-10.19	39.21	-2.20	-2.20	0.00