

EXHIBIT 4

Tables Required by 25.222(b)(1)(i) to Demonstrate Compliance of Orbit Antennas with 25.222(a)(1)(i)

TABLES FOR –

ORBIT 2.1 METER KU-BAND ANTENNA (MODEL OCEAN TRx 7-300-KU)

(A) Tables

Orbit Communication Systems Ltd.

AL OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table

Co-pol Azimuth LinV, -10° to +10° @ 0.1° increment

14.125 GHz @ -16.64 dBW/4KHz in Co-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
-10.0	-28.0	-7.0	-21.0
-9.9	-29.4	-6.9	-22.5
-9.8	-26.9	-6.8	-20.1
-9.7	-23.8	-6.7	-17.1
-9.6	-21.1	-6.6	-14.5
-9.5	-19.0	-6.4	-12.5
-9.4	-17.2	-6.3	-10.9
-9.3	-15.7	-6.2	-9.5
-9.2	-14.4	-6.0	-8.4
-9.1	-13.4	-6.0	-7.4
-9.0	-12.8	-6.0	-6.8
-8.9	-12.6	-6.0	-6.6
-8.8	-13.1	-6.0	-7.1
-8.7	-14.0	-6.0	-8.0
-8.6	-15.7	-6.0	-9.7
-8.5	-17.8	-6.0	-11.8
-8.4	-19.5	-6.0	-13.5
-8.3	-20.2	-6.0	-14.2
-8.2	-19.8	-6.0	-13.8
-8.1	-19.0	-6.0	-13.0
-8.0	-18.9	-6.0	-12.9
-7.9	-19.2	-6.0	-13.2
-7.8	-20.0	-6.0	-14.0
-7.7	-20.9	-6.0	-14.9
-7.6	-21.0	-6.0	-15.0
-7.5	-20.5	-6.0	-14.5
-7.4	-18.9	-6.0	-12.9
-7.3	-17.2	-6.0	-11.2
-7.2	-15.7	-6.0	-9.7
-7.1	-14.8	-6.0	-8.8
-7.0	-14.6	-6.1	-8.5
-6.9	-14.5	-6.0	-8.5
-6.8	-14.5	-5.8	-8.7
-6.7	-14.3	-5.7	-8.7
-6.6	-13.0	-5.5	-7.5
-6.5	-11.8	-5.3	-6.5
-6.4	-10.8	-5.2	-5.7
-6.3	-10.8	-5.0	-5.9
-6.2	-10.9	-4.8	-6.1
-6.1	-12.1	-4.6	-7.4
-6.0	-13.1	-4.5	-8.7
-5.9	-14.0	-4.3	-9.7
-5.8	-14.6	-4.1	-10.5
-5.7	-15.2	-3.9	-11.3
-5.6	-15.8	-3.7	-12.1
-5.5	-17.2	-3.5	-13.7
-5.4	-18.2	-3.3	-14.9
-5.3	-19.5	-3.1	-16.4
-5.2	-21.7	-2.9	-18.8
-5.1	-23.9	-2.7	-21.2
-5.0	-22.1	-2.5	-19.7
-4.9	-17.7	-2.3	-15.4
-4.8	-15.1	-2.0	-13.1
-4.7	-13.4	-1.8	-11.6
-4.6	-12.3	-1.6	-10.8
-4.5	-11.6	-1.3	-10.3
-4.4	-11.0	-1.1	-9.9
-4.3	-11.0	-0.8	-10.1
-4.2	-10.8	-0.6	-10.2
-4.1	-10.7	-0.3	-10.4

14.125 GHz @ -16.64 dBW/4KHz in Co-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
0.0	29.6		
0.1	29.4		
0.2	28.8		
0.3	27.8		
0.4	26.4		
0.5	24.4		
0.6	21.7		
0.7	18.3		
0.8	13.5		
0.9	5.7		
1.0	-15.8		
1.1	2.5		
1.2	5.9		
1.3	6.8		
1.4	6.8		
1.5	6.3	10.6	-4.3
1.6	5.7	9.9	-4.2
1.7	4.9	9.2	-4.3
1.8	3.7	8.6	-4.9
1.9	1.9	8.0	-6.1
2.0	-0.6	7.5	-8.1
2.1	-3.6	6.9	-10.6
2.2	-5.5	6.4	-11.9
2.3	-4.5	6.0	-10.4
2.4	-2.9	5.5	-8.4
2.5	-2.0	5.1	-7.1
2.6	-2.0	4.6	-6.7
2.7	-3.0	4.2	-7.2
2.8	-4.8	3.8	-8.6
2.9	-7.7	3.4	-11.2
3.0	-12.0	3.1	-15.1
3.1	-18.0	2.7	-20.7
3.2	-22.5	2.4	-24.9
3.3	-19.5	2.0	-21.5
3.4	-17.1	1.7	-18.8
3.5	-16.1	1.4	-17.5
3.6	-16.3	1.1	-17.4
3.7	-17.0	0.8	-17.8
3.8	-17.8	0.5	-18.3
3.9	-16.8	0.2	-17.0
4.0	-14.2	-0.1	-14.2
4.1	-12.2	-0.3	-11.9
4.2	-11.2	-0.6	-10.6
4.3	-11.0	-0.8	-10.2
4.4	-12.3	-1.1	-11.2
4.5	-14.9	-1.3	-13.6
4.6	-18.9	-1.6	-17.3
4.7	-19.9	-1.8	-18.1
4.8	-17.4	-2.0	-15.4
4.9	-16.3	-2.3	-14.1
5.0	-16.4	-2.5	-14.0
5.1	-18.4	-2.7	-15.7
5.2	-23.3	-2.9	-20.4
5.3	-36.5	-3.1	-33.4
5.4	-29.1	-3.3	-25.8
5.5	-22.9	-3.5	-19.4
5.6	-20.3	-3.7	-16.6
5.7	-18.1	-3.9	-14.2
5.8	-15.8	-4.1	-11.7
5.9	-13.7	-4.3	-9.5

Orbit Communication Systems Ltd.
AL OceanTRx 7-300-Ku, 2.1m Antenna, EIRPs Data Table
Co-pol Azimuth LinV, -10° to +10° @ 0.1° increment

-4.0	-10.4	-0.1	-10.4
-3.9	-10.0	0.2	-10.2
-3.8	-9.0	0.5	-9.5
-3.7	-7.6	0.8	-8.4
-3.6	-5.7	1.1	-6.8
-3.5	-4.2	1.4	-5.6
-3.4	-3.1	1.7	-4.8
-3.3	-2.4	2.0	-4.4
-3.2	-2.2	2.4	-4.6
-3.1	-2.4	2.7	-5.1
-3.0	-2.8	3.1	-5.9
-2.9	-3.3	3.4	-6.8
-2.8	-3.9	3.8	-7.7
-2.7	-4.3	4.2	-8.5
-2.6	-4.5	4.6	-9.1
-2.5	-4.4	5.1	-9.4
-2.4	-4.1	5.5	-9.6
-2.3	-4.4	6.0	-10.4
-2.2	-5.8	6.4	-12.2
-2.1	-10.3	6.9	-17.3
-2.0	-23.7	7.5	-31.1
-1.9	-7.8	8.0	-15.8
-1.8	-2.0	8.6	-10.6
-1.7	1.1	9.2	-8.1
-1.6	2.7	9.9	-7.2
-1.5	3.3	10.6	-7.3
-1.4	3.2		
-1.3	3.1		
-1.2	3.8		
-1.1	6.2		
-1.0	9.5		
-0.9	12.9		
-0.8	16.3		
-0.7	19.4		
-0.6	22.1		
-0.5	24.4		
-0.4	26.3		
-0.3	27.7		
-0.2	28.7		
-0.1	29.3		
0.0	29.6		

6.0	-12.5	-4.5	-8.0
6.1	-11.9	-4.6	-7.3
6.2	-12.0	-4.8	-7.2
6.3	-12.4	-5.0	-7.4
6.4	-12.8	-5.2	-7.6
6.5	-13.4	-5.3	-8.1
6.6	-14.1	-5.5	-8.6
6.7	-14.6	-5.7	-8.9
6.8	-15.0	-5.8	-9.2
6.9	-15.1	-6.0	-9.1
7.0	-14.8	-6.1	-8.7
7.1	-14.4	-6.0	-8.4
7.2	-14.3	-6.0	-8.3
7.3	-14.2	-6.0	-8.2
7.4	-14.2	-6.0	-8.2
7.5	-13.7	-6.0	-7.7
7.6	-13.3	-6.0	-7.3
7.7	-13.2	-6.0	-7.2
7.8	-13.4	-6.0	-7.4
7.9	-14.3	-6.0	-8.3
8.0	-15.5	-6.0	-9.5
8.1	-17.4	-6.0	-11.4
8.2	-18.5	-6.0	-12.5
8.3	-20.1	-6.0	-14.1
8.4	-21.7	-6.0	-15.7
8.5	-23.8	-6.0	-17.8
8.6	-25.4	-6.0	-19.4
8.7	-26.1	-6.0	-20.1
8.8	-26.0	-6.0	-20.0
8.9	-26.9	-6.0	-20.9
9.0	-28.4	-6.0	-22.4
9.1	-27.6	-6.0	-21.6
9.2	-24.1	-6.0	-18.1
9.3	-21.7	-6.2	-15.5
9.4	-20.1	-6.3	-13.8
9.5	-19.9	-6.4	-13.5
9.6	-20.8	-6.6	-14.2
9.7	-22.9	-6.7	-16.3
9.8	-26.3	-6.8	-19.6
9.9	-29.4	-6.9	-22.5
10.0	-29.4	-7.0	-22.4

Orbit Communication Systems Ltd.
OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
Co-pol Azimuth LinV, -180° to +180° @ 1.0° increment

14.125 GHz @ -16.64 dBW/4KHz in Co-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
-179.0	-39.2	-14.0	-25.2
-178.0	-38.9	-14.0	-24.9
-177.0	-42.1	-14.0	-28.1
-176.0	-35.5	-14.0	-21.5
-175.0	-40.7	-14.0	-26.7
-174.0	-34.2	-14.0	-20.2
-173.0	-40.7	-14.0	-26.7
-172.0	-41.5	-14.0	-27.5
-171.0	-42.3	-14.0	-28.3
-170.0	-41.3	-14.0	-27.3
-169.0	-49.9	-14.0	-35.9
-168.0	-37.8	-14.0	-23.8
-167.0	-42.1	-14.0	-28.1
-166.0	-46.7	-14.0	-32.7
-165.0	-40.8	-14.0	-26.8
-164.0	-36.2	-14.0	-22.2
-163.0	-32.0	-14.0	-18.0
-162.0	-31.7	-14.0	-17.7
-161.0	-31.4	-14.0	-17.4
-160.0	-33.0	-14.0	-19.0
-159.0	-34.2	-14.0	-20.2
-158.0	-34.6	-14.0	-20.6
-157.0	-32.7	-14.0	-18.7
-156.0	-33.3	-14.0	-19.3
-155.0	-43.8	-14.0	-29.8
-154.0	-44.4	-14.0	-30.4
-153.0	-41.1	-14.0	-27.1
-152.0	-37.5	-14.0	-23.5
-151.0	-45.6	-14.0	-31.6
-150.0	-36.5	-14.0	-22.5
-149.0	-36.1	-14.0	-22.1
-148.0	-41.7	-14.0	-27.7
-147.0	-46.1	-14.0	-32.1
-146.0	-41.2	-14.0	-27.2
-145.0	-41.4	-14.0	-27.4
-144.0	-41.0	-14.0	-27.0
-143.0	-38.9	-14.0	-24.9
-142.0	-39.4	-14.0	-25.4
-141.0	-41.4	-14.0	-27.4
-140.0	-39.8	-14.0	-25.8
-139.0	-43.3	-14.0	-29.3
-138.0	-37.6	-14.0	-23.6
-137.0	-38.9	-14.0	-24.9
-136.0	-45.8	-14.0	-31.8
-135.0	-39.0	-14.0	-25.0
-134.0	-40.7	-14.0	-26.7
-133.0	-49.0	-14.0	-35.0
-132.0	-43.0	-14.0	-29.0
-131.0	-37.1	-14.0	-23.1
-130.0	-42.2	-14.0	-28.2
-129.0	-42.1	-14.0	-28.1
-128.0	-45.0	-14.0	-31.0
-127.0	-50.1	-14.0	-36.1
-126.0	-39.4	-14.0	-25.4
-125.0	-46.8	-14.0	-32.8
-124.0	-55.5	-14.0	-41.5
-123.0	-48.7	-14.0	-34.7
-122.0	-44.3	-14.0	-30.3
-121.0	-41.0	-14.0	-27.0
-120.0	-48.7	-14.0	-34.7

14.125 GHz @ -16.64 dBW/4KHz in Co-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
0.0	29.6		
1.0	-15.8		
2.0	-0.6	7.5	-8.1
3.0	-12.0	3.1	-15.1
4.0	-14.2	-0.1	-14.2
5.0	-16.4	-2.5	-14.0
6.0	-12.5	-4.5	-8.0
7.0	-14.8	-6.1	-8.7
8.0	-15.5	-6.0	-9.5
9.0	-28.4	-6.0	-22.4
10.0	-29.4	-7.0	-22.4
11.0	-21.4	-8.0	-13.4
12.0	-23.4	-9.0	-14.4
13.0	-28.5	-9.8	-18.7
14.0	-29.1	-10.7	-18.4
15.0	-17.2	-11.4	-5.8
16.0	-27.2	-12.1	-15.1
17.0	-31.1	-12.8	-18.4
18.0	-28.7	-13.4	-15.3
19.0	-36.5	-14.0	-22.5
20.0	-38.5	-14.5	-24.0
21.0	-36.6	-15.1	-21.6
22.0	-23.6	-15.6	-8.0
23.0	-23.6	-16.0	-7.6
24.0	-29.3	-16.5	-12.8
25.0	-36.5	-16.9	-19.5
26.0	-31.7	-17.4	-14.3
27.0	-31.6	-17.8	-13.8
28.0	-35.2	-18.2	-17.1
29.0	-36.5	-18.6	-18.0
30.0	-34.7	-18.9	-15.8
31.0	-42.1	-19.3	-22.8
32.0	-32.6	-19.6	-13.0
33.0	-36.5	-20.0	-16.5
34.0	-37.8	-20.3	-17.5
35.0	-34.3	-20.6	-13.7
36.0	-34.4	-20.9	-13.5
37.0	-64.3	-21.2	-43.1
38.0	-41.4	-21.5	-19.9
39.0	-40.8	-21.8	-19.0
40.0	-35.3	-22.1	-13.3
41.0	-38.1	-22.3	-15.8
42.0	-45.6	-22.6	-23.1
43.0	-38.2	-22.8	-15.4
44.0	-44.1	-23.1	-21.1
45.0	-35.3	-23.3	-12.0
46.0	-36.3	-23.6	-12.7
47.0	-46.2	-23.8	-22.4
48.0	-47.1	-24.0	-23.1
49.0	-31.4	-24.0	-7.4
50.0	-36.6	-24.0	-12.6
51.0	-40.6	-24.0	-16.6
52.0	-42.5	-24.0	-18.5
53.0	-30.6	-24.0	-6.6
54.0	-34.9	-24.0	-10.9
55.0	-40.2	-24.0	-16.2
56.0	-45.0	-24.0	-21.0
57.0	-28.5	-24.0	-4.5
58.0	-34.9	-24.0	-10.9
59.0	-34.5	-24.0	-10.5

Orbit Communication Systems Ltd.
OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
Co-pol Azimuth LinV, -180° to +180° @ 1.0° increment

-119.0	-47.5	-14.0	-33.5
-118.0	-46.8	-14.0	-32.8
-117.0	-40.6	-14.0	-26.6
-116.0	-43.8	-14.0	-29.8
-115.0	-40.2	-14.0	-26.2
-114.0	-48.0	-14.0	-34.0
-113.0	-38.5	-14.0	-24.5
-112.0	-38.6	-14.0	-24.6
-111.0	-40.2	-14.0	-26.2
-110.0	-39.9	-14.0	-25.9
-109.0	-42.5	-14.0	-28.5
-108.0	-47.6	-14.0	-33.6
-107.0	-37.8	-14.0	-23.8
-106.0	-48.1	-14.0	-34.1
-105.0	-44.4	-14.0	-30.4
-104.0	-49.8	-14.0	-35.8
-103.0	-36.8	-14.0	-22.8
-102.0	-34.9	-14.0	-20.9
-101.0	-37.0	-14.0	-23.0
-100.0	-41.6	-14.0	-27.6
-99.0	-39.9	-14.0	-25.9
-98.0	-41.3	-14.0	-27.3
-97.0	-38.7	-14.0	-24.7
-96.0	-42.6	-14.0	-28.6
-95.0	-40.9	-14.0	-26.9
-94.0	-39.5	-14.0	-25.5
-93.0	-48.3	-14.0	-34.3
-92.0	-41.4	-14.0	-27.4
-91.0	-46.5	-14.0	-32.5
-90.0	-40.6	-14.0	-26.6
-89.0	-41.7	-14.0	-27.7
-88.0	-39.1	-14.0	-25.1
-87.0	-41.2	-14.0	-27.2
-86.0	-45.4	-14.0	-31.4
-85.0	-35.7	-24.0	-11.7
-84.0	-32.0	-24.0	-8.0
-83.0	-35.7	-24.0	-11.7
-82.0	-29.3	-24.0	-5.3
-81.0	-29.1	-24.0	-5.1
-80.0	-28.0	-24.0	-4.0
-79.0	-26.1	-24.0	-2.1
-78.0	-24.6	-24.0	-0.6
-77.0	-21.7	-24.0	2.3
-76.0	-21.9	-24.0	2.1
-75.0	-21.0	-24.0	3.0
-74.0	-21.5	-24.0	2.5
-73.0	-22.9	-24.0	1.1
-72.0	-23.7	-24.0	0.3
-71.0	-30.0	-24.0	-6.0
-70.0	-28.4	-24.0	-4.4
-69.0	-27.7	-24.0	-3.7
-68.0	-28.0	-24.0	-4.0
-67.0	-27.9	-24.0	-3.9
-66.0	-38.6	-24.0	-14.6
-65.0	-33.6	-24.0	-9.6
-64.0	-30.4	-24.0	-6.4
-63.0	-28.5	-24.0	-4.5
-62.0	-33.2	-24.0	-9.2
-61.0	-27.0	-24.0	-3.0
-60.0	-32.0	-24.0	-8.0
-59.0	-34.6	-24.0	-10.6
-58.0	-33.4	-24.0	-9.4
-57.0	-31.8	-24.0	-7.8

60.0	-32.9	-24.0	-8.9
61.0	-36.3	-24.0	-12.3
62.0	-38.6	-24.0	-14.6
63.0	-33.8	-24.0	-9.8
64.0	-34.5	-24.0	-10.5
65.0	-39.4	-24.0	-15.4
66.0	-37.7	-24.0	-13.7
67.0	-39.8	-24.0	-15.8
68.0	-42.4	-24.0	-18.4
69.0	-39.4	-24.0	-15.4
70.0	-41.3	-24.0	-17.3
71.0	-41.5	-24.0	-17.5
72.0	-38.6	-24.0	-14.6
73.0	-32.7	-24.0	-8.7
74.0	-36.4	-24.0	-12.4
75.0	-47.4	-24.0	-23.4
76.0	-48.5	-24.0	-24.5
77.0	-39.2	-24.0	-15.2
78.0	-37.0	-24.0	-13.0
79.0	-39.9	-24.0	-15.9
80.0	-50.7	-24.0	-26.7
81.0	-38.6	-24.0	-14.6
82.0	-33.2	-24.0	-9.2
83.0	-36.1	-24.0	-12.1
84.0	-36.3	-24.0	-12.3
85.0	-37.8	-24.0	-13.8
86.0	-38.5	-14.0	-24.5
87.0	-41.1	-14.0	-27.1
88.0	-40.3	-14.0	-26.3
89.0	-39.6	-14.0	-25.6
90.0	-34.1	-14.0	-20.1
91.0	-33.0	-14.0	-19.0
92.0	-35.2	-14.0	-21.2
93.0	-38.7	-14.0	-24.7
94.0	-42.5	-14.0	-28.5
95.0	-46.5	-14.0	-32.5
96.0	-44.5	-14.0	-30.5
97.0	-45.7	-14.0	-31.7
98.0	-43.1	-14.0	-29.1
99.0	-46.5	-14.0	-32.5
100.0	-41.1	-14.0	-27.1
101.0	-37.8	-14.0	-23.8
102.0	-40.6	-14.0	-26.6
103.0	-40.6	-14.0	-26.6
104.0	-51.2	-14.0	-37.2
105.0	-40.4	-14.0	-26.4
106.0	-37.3	-14.0	-23.3
107.0	-37.1	-14.0	-23.1
108.0	-35.9	-14.0	-21.9
109.0	-37.9	-14.0	-23.9
110.0	-33.6	-14.0	-19.6
111.0	-34.4	-14.0	-20.4
112.0	-40.7	-14.0	-26.7
113.0	-42.1	-14.0	-28.1
114.0	-37.6	-14.0	-23.6
115.0	-39.4	-14.0	-25.4
116.0	-42.8	-14.0	-28.8
117.0	-39.5	-14.0	-25.5
118.0	-42.6	-14.0	-28.6
119.0	-37.8	-14.0	-23.8
120.0	-39.3	-14.0	-25.3
121.0	-34.1	-14.0	-20.1
122.0	-55.2	-14.0	-41.2

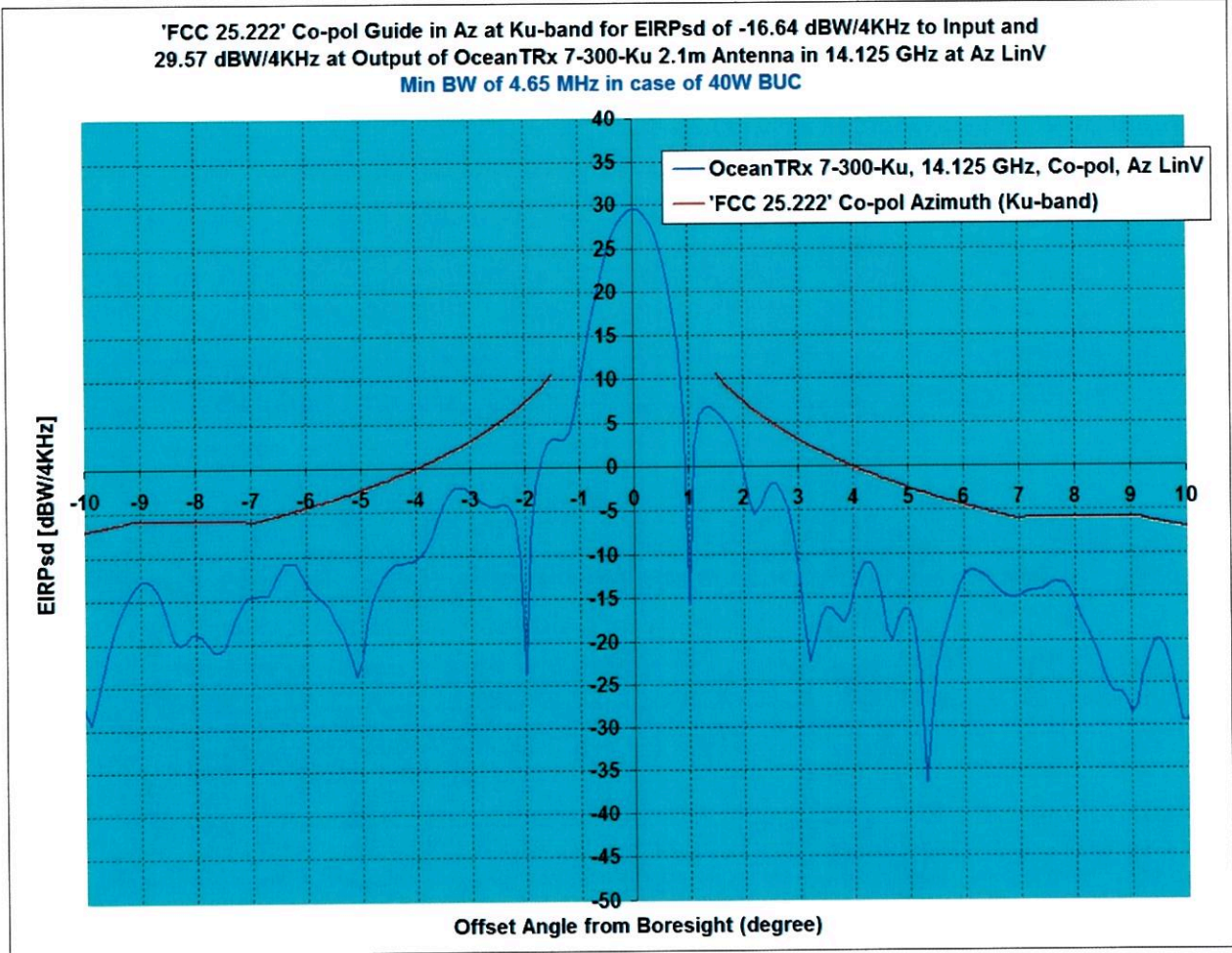
Orbit Communication Systems Ltd.
OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
Co-pol Azimuth LinV, -180° to +180° @ 1.0° increment

-56.0	-42.6	-24.0	-18.6
-55.0	-31.4	-24.0	-7.4
-54.0	-29.6	-24.0	-5.6
-53.0	-31.8	-24.0	-7.8
-52.0	-31.2	-24.0	-7.2
-51.0	-39.0	-24.0	-15.0
-50.0	-30.6	-24.0	-6.6
-49.0	-38.1	-24.0	-14.1
-48.0	-29.2	-24.0	-5.2
-47.0	-35.5	-23.8	-11.7
-46.0	-40.9	-23.6	-17.3
-45.0	-30.7	-23.3	-7.4
-44.0	-36.2	-23.1	-13.1
-43.0	-36.4	-22.8	-13.6
-42.0	-37.6	-22.6	-15.0
-41.0	-29.1	-22.3	-6.8
-40.0	-35.9	-22.1	-13.9
-39.0	-26.4	-21.8	-4.6
-38.0	-40.2	-21.5	-18.7
-37.0	-34.5	-21.2	-13.3
-36.0	-34.0	-20.9	-13.1
-35.0	-32.5	-20.6	-11.9
-34.0	-28.2	-20.3	-7.9
-33.0	-39.5	-20.0	-19.5
-32.0	-31.5	-19.6	-11.9
-31.0	-24.7	-19.3	-5.5
-30.0	-24.9	-18.9	-6.0
-29.0	-26.1	-18.6	-7.5
-28.0	-28.3	-18.2	-10.2
-27.0	-24.8	-17.8	-7.1
-26.0	-26.6	-17.4	-9.2
-25.0	-31.9	-16.9	-14.9
-24.0	-23.5	-16.5	-6.9
-23.0	-31.8	-16.0	-15.8
-22.0	-29.2	-15.6	-13.6
-21.0	-26.6	-15.1	-11.6
-20.0	-25.5	-14.5	-11.0
-19.0	-30.5	-14.0	-16.5
-18.0	-33.9	-13.4	-20.5
-17.0	-30.2	-12.8	-17.5
-16.0	-30.8	-12.1	-18.7
-15.0	-21.2	-11.4	-9.8
-14.0	-38.8	-10.7	-28.2
-13.0	-21.0	-9.8	-11.2
-12.0	-24.9	-9.0	-15.9
-11.0	-18.0	-8.0	-10.0
-10.0	-28.0	-7.0	-21.0
-9.0	-12.8	-6.0	-6.8
-8.0	-18.9	-6.0	-12.9
-7.0	-14.6	-6.1	-8.5
-6.0	-13.1	-4.5	-8.7
-5.0	-22.1	-2.5	-19.7
-4.0	-10.4	-0.1	-10.4
-3.0	-2.8	3.1	-5.9
-2.0	-23.7	7.5	-31.1
-1.0	9.5		
0.0	29.6		

123.0	-40.3	-14.0	-26.3
124.0	-40.7	-14.0	-26.7
125.0	-46.6	-14.0	-32.6
126.0	-38.3	-14.0	-24.3
127.0	-43.2	-14.0	-29.2
128.0	-44.2	-14.0	-30.2
129.0	-44.7	-14.0	-30.7
130.0	-45.8	-14.0	-31.8
131.0	-39.7	-14.0	-25.7
132.0	-39.4	-14.0	-25.4
133.0	-40.5	-14.0	-26.5
134.0	-38.0	-14.0	-24.0
135.0	-42.1	-14.0	-28.1
136.0	-44.9	-14.0	-30.9
137.0	-39.3	-14.0	-25.3
138.0	-38.2	-14.0	-24.2
139.0	-40.5	-14.0	-26.5
140.0	-35.8	-14.0	-21.8
141.0	-34.4	-14.0	-20.4
142.0	-35.6	-14.0	-21.6
143.0	-44.6	-14.0	-30.6
144.0	-38.6	-14.0	-24.6
145.0	-42.5	-14.0	-28.5
146.0	-36.6	-14.0	-22.6
147.0	-42.0	-14.0	-28.0
148.0	-42.4	-14.0	-28.4
149.0	-36.8	-14.0	-22.8
150.0	-40.3	-14.0	-26.3
151.0	-37.4	-14.0	-23.4
152.0	-37.5	-14.0	-23.5
153.0	-49.1	-14.0	-35.1
154.0	-46.1	-14.0	-32.1
155.0	-46.9	-14.0	-32.9
156.0	-44.5	-14.0	-30.5
157.0	-40.1	-14.0	-26.1
158.0	-54.7	-14.0	-40.7
159.0	-49.7	-14.0	-35.7
160.0	-37.6	-14.0	-23.6
161.0	-43.2	-14.0	-29.2
162.0	-42.8	-14.0	-28.8
163.0	-38.8	-14.0	-24.8
164.0	-35.2	-14.0	-21.2
165.0	-38.7	-14.0	-24.7
166.0	-40.8	-14.0	-26.8
167.0	-46.9	-14.0	-32.9
168.0	-40.2	-14.0	-26.2
169.0	-44.9	-14.0	-30.9
170.0	-45.1	-14.0	-31.1
171.0	-43.1	-14.0	-29.1
172.0	-43.7	-14.0	-29.7
173.0	-48.5	-14.0	-34.5
174.0	-39.7	-14.0	-25.7
175.0	-51.8	-14.0	-37.8
176.0	-59.6	-14.0	-45.6
177.0	-39.8	-14.0	-25.8
178.0	-42.8	-14.0	-28.8
179.0	-42.5	-14.0	-28.5

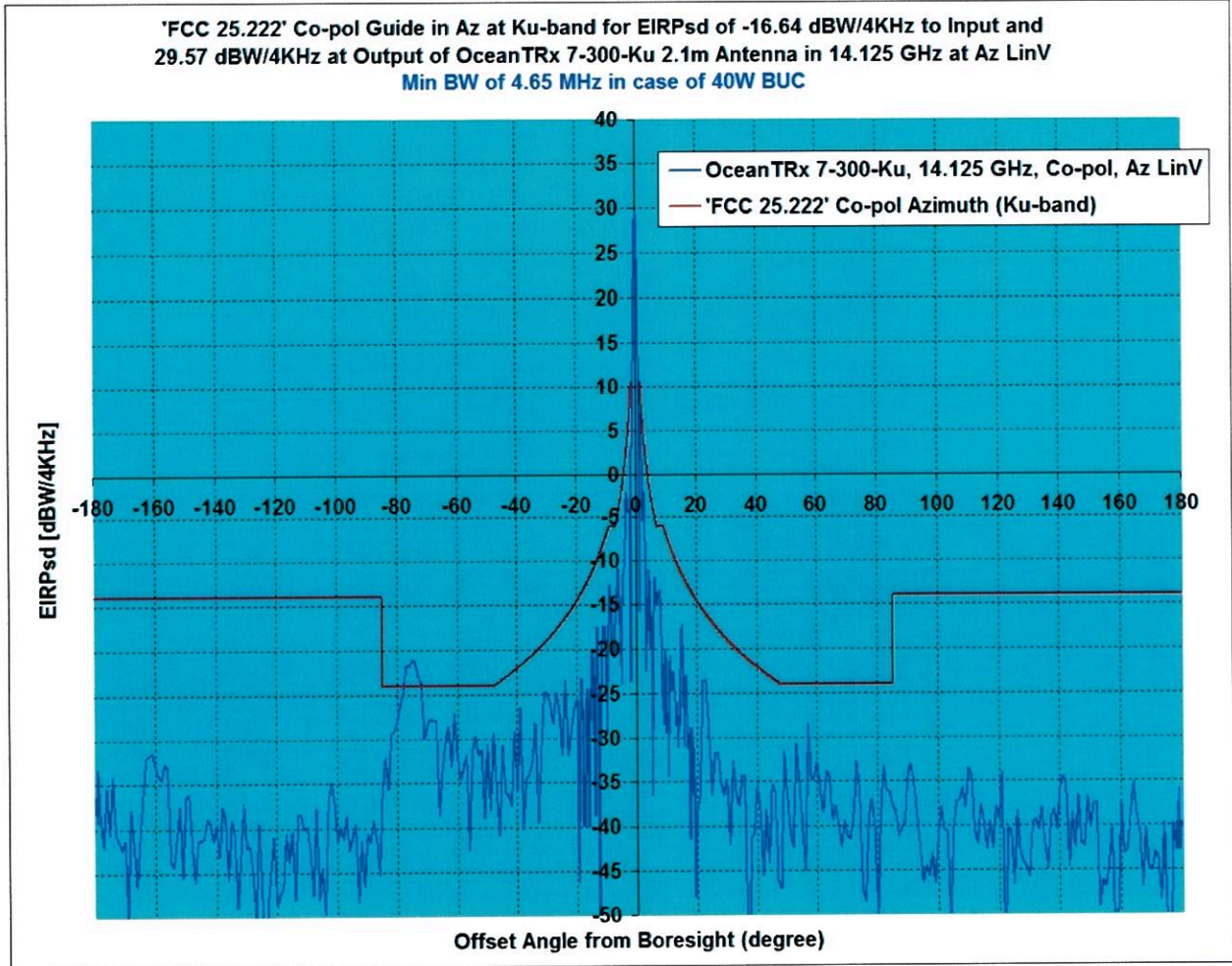
Orbit Communication Systems Ltd.

OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd, Co-pol, Azimuth LinV



Configuration System, Frequency, Plane, Polarization	Antenna Gain dBi	Input EIRPsd dBW/4KHz	Peak Excursions dB		Over Mask %
			± (1.5° to 7°)	± (7° to 180°)	
OceanTRx 7-300-Ku, 14.125 GHz, Co-pol, Az LinV	46.21	-16.64	-4.17	3.00	1.66

Orbit Communication Systems Ltd.
 OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd, Co-pol, Azimuth LinV



Configuration System, Frequency, Plane, Polarization	Antenna Gain dBi	Input EIRPsd dBW/4KHz	Peak Excursions dB		Over Mask %
			± (1.5° to 7°)	± (7° to 180°)	
OceanTRx 7-300-Ku, 14.125 GHz, Co-pol, Az LinV	46.21	-16.64	-4.17	3.00	1.66

(B) Tables

Orbit Communication Systems Ltd.

OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
Co-pol Elevation LinV, -10° to +10° @ 0.1° increment

14.125 GHz @ -16.64 dBW/4KHz in Co-pol EI LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
-10.0	-21.7	-7.0	-14.7
-9.9	-19.8	-6.9	-12.9
-9.8	-19.5	-6.8	-12.7
-9.7	-21.4	-6.7	-14.7
-9.6	-25.8	-6.6	-19.2
-9.5	-36.2	-6.4	-29.8
-9.4	-31.8	-6.3	-25.5
-9.3	-24.8	-6.2	-18.5
-9.2	-23.5	-6.1	-17.4
-9.1	-24.7	-6.0	-18.7
-9.0	-28.4	-5.9	-22.5
-8.9	-36.0	-5.7	-30.3
-8.8	-36.7	-5.6	-31.1
-8.7	-32.1	-5.5	-26.6
-8.6	-33.3	-5.4	-27.9
-8.5	-29.6	-5.2	-24.4
-8.4	-24.6	-5.1	-19.5
-8.3	-20.8	-5.0	-15.9
-8.2	-18.6	-4.8	-13.7
-8.1	-17.4	-4.7	-12.6
-8.0	-17.1	-4.6	-12.5
-7.9	-17.2	-4.4	-12.8
-7.8	-17.3	-4.3	-13.0
-7.7	-17.2	-4.2	-13.0
-7.6	-17.3	-4.0	-13.3
-7.5	-17.8	-3.9	-14.0
-7.4	-18.3	-3.7	-14.6
-7.3	-18.0	-3.6	-14.4
-7.2	-16.5	-3.4	-13.0
-7.1	-14.4	-3.3	-11.1
-7.0	-12.5	-3.1	-9.4
-6.9	-10.8	-3.0	-7.8
-6.8	-9.5	-2.8	-6.7
-6.7	-8.6	-2.7	-6.0
-6.6	-8.2	-2.5	-5.7
-6.5	-8.2	-2.3	-5.9
-6.4	-8.7	-2.2	-6.6
-6.3	-9.7	-2.0	-7.7
-6.2	-11.2	-1.8	-9.4
-6.1	-13.2	-1.6	-11.5
-6.0	-14.8	-1.5	-13.3
-5.9	-15.4	-1.3	-14.2
-5.8	-14.6	-1.1	-13.5
-5.7	-13.1	-0.9	-12.2
-5.6	-11.1	-0.7	-10.4
-5.5	-9.5	-0.5	-8.9
-5.4	-8.3	-0.3	-8.0
-5.3	-7.7	-0.1	-7.6
-5.2	-7.5	0.1	-7.6
-5.1	-7.7	0.3	-8.0
-5.0	-8.0	0.5	-8.5
-4.9	-8.6	0.7	-9.3
-4.8	-9.1	1.0	-10.1
-4.7	-9.5	1.2	-10.7
-4.6	-9.5	1.4	-10.9
-4.5	-8.9	1.7	-10.6
-4.4	-7.8	1.9	-9.7
-4.3	-6.8	2.2	-9.0
-4.2	-6.2	2.4	-8.6
-4.1	-6.0	2.7	-8.7

14.125 GHz @ -16.64 dBW/4KHz in Co-pol EI LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
0.0	30.0		
0.1	29.8		
0.2	29.2		
0.3	28.3		
0.4	26.8		
0.5	24.8		
0.6	22.2		
0.7	18.8		
0.8	14.6		
0.9	9.1		
1.0	1.8		
1.1	-4.7		
1.2	-6.3		
1.3	-10.5		
1.4	-9.7		
1.5	-3.0		
1.6	0.3		
1.7	1.5		
1.8	1.3		
1.9	0.0		
2.0	-2.1		
2.1	-4.9		
2.2	-6.7		
2.3	-7.0		
2.4	-6.8		
2.5	-7.0		
2.6	-7.4		
2.7	-8.1		
2.8	-9.1		
2.9	-10.6		
3.0	-11.5	6.1	-17.6
3.1	-10.8	5.7	-16.5
3.2	-9.1	5.4	-14.4
3.3	-7.6	5.0	-12.7
3.4	-6.9	4.7	-11.6
3.5	-6.9	4.4	-11.3
3.6	-7.1	4.1	-11.2
3.7	-7.2	3.8	-11.0
3.8	-7.2	3.5	-10.7
3.9	-6.9	3.2	-10.1
4.0	-6.5	2.9	-9.4
4.1	-6.2	2.7	-8.8
4.2	-5.6	2.4	-8.0
4.3	-5.0	2.2	-7.1
4.4	-4.4	1.9	-6.3
4.5	-4.1	1.7	-5.8
4.6	-4.3	1.4	-5.7
4.7	-4.8	1.2	-6.0
4.8	-5.8	1.0	-6.8
4.9	-7.0	0.7	-7.7
5.0	-8.0	0.5	-8.5
5.1	-8.9	0.3	-9.2
5.2	-9.3	0.1	-9.4
5.3	-9.4	-0.1	-9.3
5.4	-9.1	-0.3	-8.8
5.5	-8.7	-0.5	-8.2
5.6	-8.5	-0.7	-7.8
5.7	-8.5	-0.9	-7.6
5.8	-9.6	-1.1	-8.6
5.9	-11.5	-1.3	-10.2

Orbit Communication Systems Ltd.
 OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
 Co-pol Elevation LinV, -10° to +10° @ 0.1° increment

-4.0	-6.3	2.9	-9.2
-3.9	-7.0	3.2	-10.3
-3.8	-8.1	3.5	-11.6
-3.7	-9.6	3.8	-13.4
-3.6	-11.0	4.1	-15.1
-3.5	-11.7	4.4	-16.1
-3.4	-10.5	4.7	-15.2
-3.3	-8.1	5.0	-13.1
-3.2	-5.7	5.4	-11.1
-3.1	-4.0	5.7	-9.7
-3.0	-2.9	6.1	-9.0
-2.9	-2.3		
-2.8	-2.2		
-2.7	-2.4		
-2.6	-2.6		
-2.5	-2.6		
-2.4	-2.5		
-2.3	-2.6		
-2.2	-3.4		
-2.1	-5.0		
-2.0	-6.3		
-1.9	-4.1		
-1.8	-0.6		
-1.7	1.8		
-1.6	3.3		
-1.5	4.0		
-1.4	3.7		
-1.3	2.4		
-1.2	-0.5		
-1.1	-9.8		
-1.0	-0.7		
-0.9	8.2		
-0.8	14.0		
-0.7	18.2		
-0.6	21.6		
-0.5	24.3		
-0.4	26.3		
-0.3	27.9		
-0.2	29.0		
-0.1	29.7		
0.0	30.0		

6.0	-14.1	-1.5	-12.7
6.1	-19.4	-1.6	-17.8
6.2	-24.4	-1.8	-22.6
6.3	-21.6	-2.0	-19.6
6.4	-19.0	-2.2	-16.8
6.5	-19.2	-2.3	-16.9
6.6	-22.8	-2.5	-20.3
6.7	-28.3	-2.7	-25.7
6.8	-23.2	-2.8	-20.4
6.9	-18.0	-3.0	-15.0
7.0	-15.4	-3.1	-12.3
7.1	-14.2	-3.3	-10.9
7.2	-14.2	-3.4	-10.7
7.3	-15.0	-3.6	-11.4
7.4	-16.6	-3.7	-12.8
7.5	-18.5	-3.9	-14.6
7.6	-19.3	-4.0	-15.3
7.7	-18.8	-4.2	-14.7
7.8	-17.9	-4.3	-13.6
7.9	-16.9	-4.4	-12.5
8.0	-16.6	-4.6	-12.0
8.1	-16.8	-4.7	-12.1
8.2	-17.5	-4.8	-12.7
8.3	-18.9	-5.0	-13.9
8.4	-20.6	-5.1	-15.4
8.5	-22.6	-5.2	-17.3
8.6	-24.2	-5.4	-18.8
8.7	-24.5	-5.5	-19.0
8.8	-24.8	-5.6	-19.2
8.9	-25.3	-5.7	-19.5
9.0	-23.4	-5.9	-17.5
9.1	-19.8	-6.0	-13.8
9.2	-16.5	-6.1	-10.4
9.3	-14.2	-6.2	-8.0
9.4	-12.6	-6.3	-6.2
9.5	-11.7	-6.4	-5.2
9.6	-11.3	-6.6	-4.8
9.7	-11.6	-6.7	-4.9
9.8	-12.2	-6.8	-5.4
9.9	-13.1	-6.9	-6.2
10.0	-14.3	-7.0	-7.3

Orbit Communication Systems Ltd.

OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
Co-pol Elevation LinV, -30° to +30° @ 0.5° increment

14.125 GHz @ -16.64 dBW/4KHz in Co-pol EI LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
-30.0	-36.2	-18.9	-17.2
-29.5	-41.5	-18.7	-22.7
-29.0	-46.7	-18.6	-28.2
-28.5	-45.2	-18.4	-26.8
-28.0	-43.7	-18.2	-25.5
-27.5	-37.1	-18.0	-19.1
-27.0	-30.5	-17.8	-12.7
-26.5	-30.7	-17.6	-13.1
-26.0	-30.9	-17.4	-13.6
-25.5	-29.7	-17.2	-12.5
-25.0	-28.4	-16.9	-11.5
-24.5	-34.7	-16.7	-18.0
-24.0	-41.0	-16.5	-24.5
-23.5	-33.9	-16.3	-17.6
-23.0	-26.8	-16.0	-10.8
-22.5	-32.1	-15.8	-16.3
-22.0	-37.5	-15.6	-21.9
-21.5	-36.9	-15.3	-21.6
-21.0	-36.4	-15.1	-21.3
-20.5	-31.4	-14.8	-16.6
-20.0	-26.4	-14.5	-11.9
-19.5	-37.2	-14.3	-23.0
-19.0	-28.3	-14.0	-14.3
-18.5	-33.7	-13.7	-20.1
-18.0	-22.0	-13.4	-8.6
-17.5	-38.0	-13.1	-25.0
-17.0	-23.0	-12.8	-10.2
-16.5	-22.8	-12.4	-10.3
-16.0	-33.1	-12.1	-21.0
-15.5	-27.7	-11.8	-15.9
-15.0	-21.7	-11.4	-10.3
-14.5	-40.4	-11.0	-29.4
-14.0	-35.6	-10.7	-25.0
-13.5	-32.1	-10.3	-21.8
-13.0	-29.1	-9.8	-19.2
-12.5	-21.1	-9.4	-11.7
-12.0	-26.8	-9.0	-17.8
-11.5	-23.6	-8.5	-15.1
-11.0	-23.4	-8.0	-15.3
-10.5	-23.8	-7.5	-16.3
-10.0	-21.7	-7.0	-14.7
-9.5	-36.2	-6.4	-29.8
-9.0	-28.4	-5.9	-22.5
-8.5	-29.6	-5.2	-24.4
-8.0	-17.1	-4.6	-12.5
-7.5	-17.8	-3.9	-14.0
-7.0	-12.5	-3.1	-9.4
-6.5	-8.2	-2.3	-5.9
-6.0	-14.8	-1.5	-13.3
-5.5	-9.5	-0.5	-8.9
-5.0	-8.0	0.5	-8.5
-4.5	-8.9	1.7	-10.6
-4.0	-6.3	2.9	-9.2
-3.5	-11.7	4.4	-16.1
-3.0	-2.9	-8.6	-13.7
-2.5	-2.6		
-2.0	-6.3		
-1.5	4.0		
-1.0	-0.7		
-0.5	24.3		
0.0	30.0		

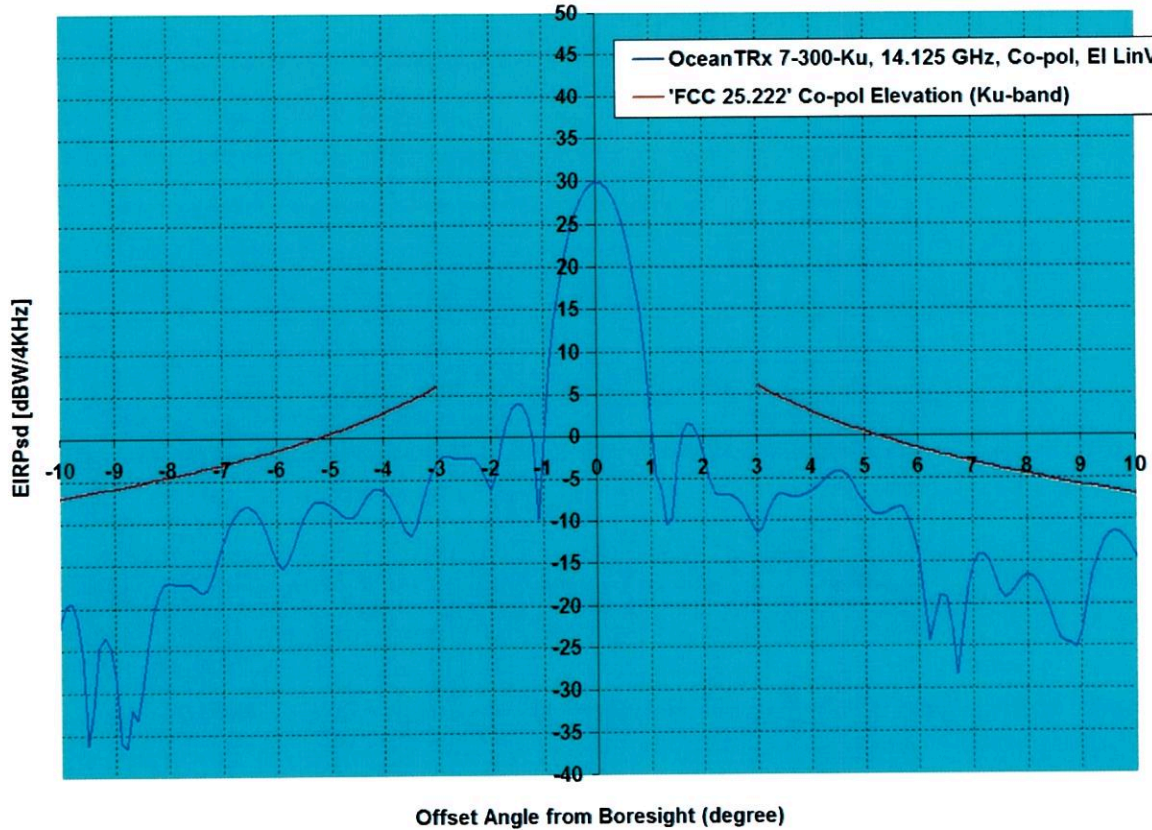
14.125 GHz @ -16.64 dBW/4KHz in Co-pol EI LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
0.0	30.0		
0.5	24.8		
1.0	1.8		
1.5	-3.0		
2.0	-2.1		
2.5	-7.0		
3.0	-11.5	6.1	-17.6
3.5	-6.9	4.4	-11.3
4.0	-6.5	2.9	-9.4
4.5	-4.1	1.7	-5.8
5.0	-8.0	0.5	-8.5
5.5	-8.7	-0.5	-8.2
6.0	-14.1	-1.5	-12.7
6.5	-19.2	-2.3	-16.9
7.0	-15.4	-3.1	-12.3
7.5	-18.5	-3.9	-14.6
8.0	-16.6	-4.6	-12.0
8.5	-22.6	-5.2	-17.3
9.0	-23.4	-5.9	-17.5
9.5	-11.7	-6.4	-5.2
10.0	-14.3	-7.0	-7.3
10.5	-22.3	-7.5	-14.7
11.0	-22.5	-8.0	-14.4
11.5	-20.1	-8.5	-11.5
12.0	-23.2	-9.0	-14.3
12.5	-31.2	-9.4	-21.8
13.0	-18.4	-9.8	-8.5
13.5	-16.7	-10.3	-6.4
14.0	-22.1	-10.7	-11.4
14.5	-23.1	-11.0	-12.1
15.0	-25.8	-11.4	-14.4
15.5	-23.7	-11.8	-11.9
16.0	-19.5	-12.1	-7.4
16.5	-19.5	-12.4	-7.0
17.0	-19.0	-12.8	-6.2
17.5	-24.7	-13.1	-11.6
18.0	-38.0	-13.4	-24.6
18.5	-35.5	-13.7	-21.8
19.0	-24.8	-14.0	-10.9
19.5	-30.1	-14.3	-15.9
20.0	-20.7	-14.5	-6.1
20.5	-25.2	-14.8	-10.4
21.0	-29.8	-15.1	-14.7
21.5	-27.6	-15.3	-12.3
22.0	-25.4	-15.6	-9.9
22.5	-28.3	-15.8	-12.4
23.0	-31.1	-16.0	-15.0
23.5	-28.4	-16.3	-12.1
24.0	-25.7	-16.5	-9.2
24.5	-25.3	-16.7	-8.6
25.0	-25.0	-16.9	-8.1
25.5	-22.6	-17.2	-5.4
26.0	-20.2	-17.4	-2.8
26.5	-22.8	-17.6	-5.3
27.0	-25.5	-17.8	-7.7
27.5	-24.5	-18.0	-6.5
28.0	-23.5	-18.2	-5.3
28.5	-25.4	-18.4	-7.1
29.0	-27.4	-18.6	-8.8
29.5	-26.2	-18.7	-7.5
30.0	-25.1	-18.9	-6.2

Orbit Communication Systems Ltd.

OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd, Co-pol, Elevation LinV

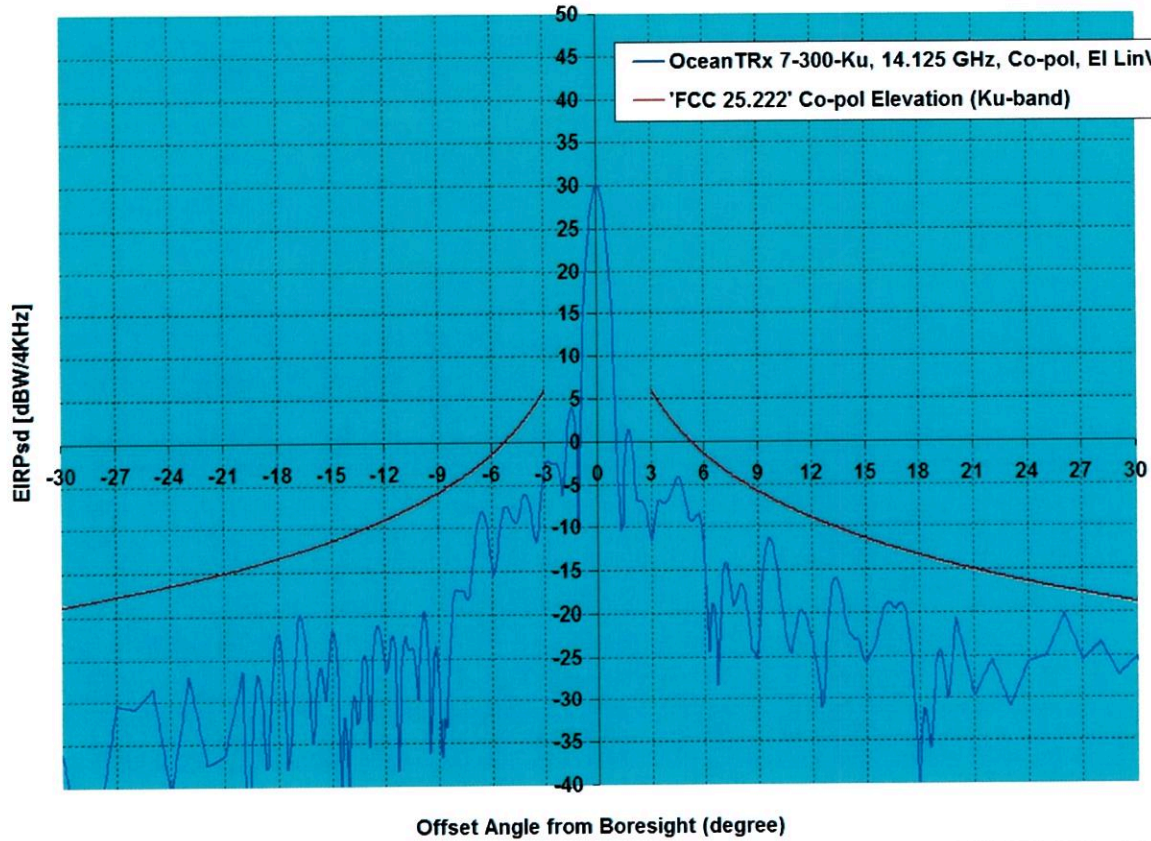
'FCC 25.222' Co-pol Guide in EI at Ku-band for EIRPsd of -16.64 dBW/4KHz to Input and 29.57 dBW/4KHz at Output of OceanTRx 7-300-Ku 2.1m Antenna in 14.125 GHz at EI LinV
Min BW of 4.65 MHz in case of 40W BUC



Configuration System, Frequency, Plane, Polarization	Antenna Gain dBi	Input EIRPsd dBW/4KHz	Peak Excursions dB		Over Mask %
			± (3° to 10°)	± (10° to 30°)	
OceanTRx 7-300-Ku, 14.125 GHz, Co-pol, EI LinV	46.21	-16.64	-4.77	-2.80	0.00

Orbit Communication Systems Ltd.
 OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd, Co-pol, Elevation LinV

'FCC 25.222' Co-pol Guide in EI at Ku-band for EIRPsd of -16.64 dBW/4KHz to Input and
 29.57 dBW/4KHz at Output of OceanTRx 7-300-Ku 2.1m Antenna in 14.125 GHz at EI LinV
 Min BW of 4.65 MHz in case of 40W BUC



Configuration System, Frequency, Plane, Polarization	Antenna Gain dBi	Input EIRPsd dBW/4KHz	Peak Excursions dB		Over Mask %
			± (3° to 10°)	± (10° to 30°)	
OceanTRx 7-300-Ku, 14.125 GHz, Co-pol, EI LinV	46.21	-16.64	-4.77	-2.80	0.00

(C) Tables

Orbit Communication Systems Ltd.

OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
X-pol Azimuth LinV, -10° to +10° @ 0.1° increment

14.125 GHz @ -16.64 dBW/4KHz in X-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
-10.0	-17.6	-16.0	-1.6
-9.9	-16.5	-16.0	-0.5
-9.8	-15.6	-16.0	0.4
-9.7	-15.1	-16.0	0.9
-9.6	-15.0	-16.0	1.0
-9.5	-15.4	-16.0	0.6
-9.4	-16.3	-16.0	-0.3
-9.3	-17.6	-16.0	-1.6
-9.2	-19.4	-16.0	-3.4
-9.1	-22.0	-16.0	-6.0
-9.0	-24.6	-16.0	-8.6
-8.9	-26.8	-16.0	-10.8
-8.8	-26.9	-16.0	-10.9
-8.7	-26.9	-16.0	-10.9
-8.6	-26.8	-16.0	-10.8
-8.5	-27.1	-16.0	-11.1
-8.4	-28.0	-16.0	-12.0
-8.3	-27.9	-16.0	-11.9
-8.2	-26.8	-16.0	-10.8
-8.1	-24.6	-16.0	-8.6
-8.0	-23.4	-16.0	-7.4
-7.9	-22.5	-16.0	-6.5
-7.8	-21.6	-16.0	-5.6
-7.7	-20.8	-16.0	-4.8
-7.6	-20.1	-16.0	-4.1
-7.5	-19.9	-16.0	-3.9
-7.4	-20.0	-16.0	-4.0
-7.3	-20.5	-16.0	-4.5
-7.2	-21.8	-16.0	-5.8
-7.1	-24.6	-16.0	-8.6
-7.0	-29.6	-16.0	-13.6
-6.9	-41.7	-16.0	-25.7
-6.8	-34.3	-15.8	-18.5
-6.7	-28.3	-15.7	-12.7
-6.6	-25.9	-15.5	-10.4
-6.5	-25.3	-15.3	-10.0
-6.4	-26.1	-15.2	-10.9
-6.3	-28.3	-15.0	-13.3
-6.2	-30.5	-14.8	-15.7
-6.1	-30.7	-14.6	-16.0
-6.0	-27.1	-14.5	-12.7
-5.9	-25.3	-14.3	-11.0
-5.8	-24.9	-14.1	-10.9
-5.7	-25.8	-13.9	-11.9
-5.6	-26.8	-13.7	-13.1
-5.5	-30.2	-13.5	-16.7
-5.4	-36.9	-13.3	-23.6
-5.3	-44.8	-13.1	-31.7
-5.2	-40.9	-12.9	-28.0
-5.1	-36.4	-12.7	-23.7
-5.0	-40.3	-12.5	-27.8
-4.9	-33.9	-12.3	-21.6
-4.8	-28.6	-12.0	-16.5
-4.7	-24.9	-11.8	-13.1
-4.6	-22.7	-11.6	-11.1
-4.5	-21.6	-11.3	-10.2
-4.4	-21.4	-11.1	-10.3
-4.3	-21.9	-10.8	-11.1
-4.2	-23.2	-10.6	-12.6
-4.1	-22.7	-10.3	-12.4

14.125 GHz @ -16.64 dBW/4KHz in X-pol Az LinV

Angle	EIRPsd	Mask	Over Mask
Degrees	dBW/4KHz	dBW/4KHz	dB
0.0	-6.2		
0.1	-3.6		
0.2	-1.8		
0.3	-0.6		
0.4	0.3		
0.5	0.6		
0.6	0.5		
0.7	-0.3		
0.8	-1.7		
0.9	-3.4		
1.0	-5.7		
1.1	-8.8		
1.2	-10.7		
1.3	-11.2		
1.4	-10.6		
1.5	-10.7		
1.6	-11.1		
1.7	-12.2		
1.8	-14.2	-1.4	-12.8
1.9	-17.2	-2.0	-15.2
2.0	-21.4	-2.5	-18.9
2.1	-27.5	-3.1	-24.5
2.2	-30.7	-3.6	-27.2
2.3	-29.6	-4.0	-25.5
2.4	-29.2	-4.5	-24.7
2.5	-28.8	-4.9	-23.9
2.6	-24.7	-5.4	-19.3
2.7	-21.0	-5.8	-15.2
2.8	-18.6	-6.2	-12.4
2.9	-17.0	-6.6	-10.4
3.0	-15.8	-6.9	-8.9
3.1	-15.2	-7.3	-7.9
3.2	-15.2	-7.6	-7.6
3.3	-15.5	-8.0	-7.5
3.4	-15.9	-8.3	-7.6
3.5	-17.2	-8.6	-8.6
3.6	-18.5	-8.9	-9.6
3.7	-19.3	-9.2	-10.1
3.8	-19.7	-9.5	-10.2
3.9	-19.9	-9.8	-10.1
4.0	-20.3	-10.1	-10.2
4.1	-20.6	-10.3	-10.3
4.2	-20.8	-10.6	-10.3
4.3	-21.8	-10.8	-11.0
4.4	-23.3	-11.1	-12.2
4.5	-25.1	-11.3	-13.7
4.6	-28.1	-11.6	-16.5
4.7	-30.6	-11.8	-18.8
4.8	-34.8	-12.0	-22.8
4.9	-35.0	-12.3	-22.8
5.0	-33.3	-12.5	-20.8
5.1	-31.8	-12.7	-19.1
5.2	-31.0	-12.9	-18.1
5.3	-31.1	-13.1	-18.0
5.4	-32.6	-13.3	-19.3
5.5	-33.8	-13.5	-20.3
5.6	-33.8	-13.7	-20.1
5.7	-29.6	-13.9	-15.7
5.8	-25.8	-14.1	-11.7
5.9	-23.3	-14.3	-9.0

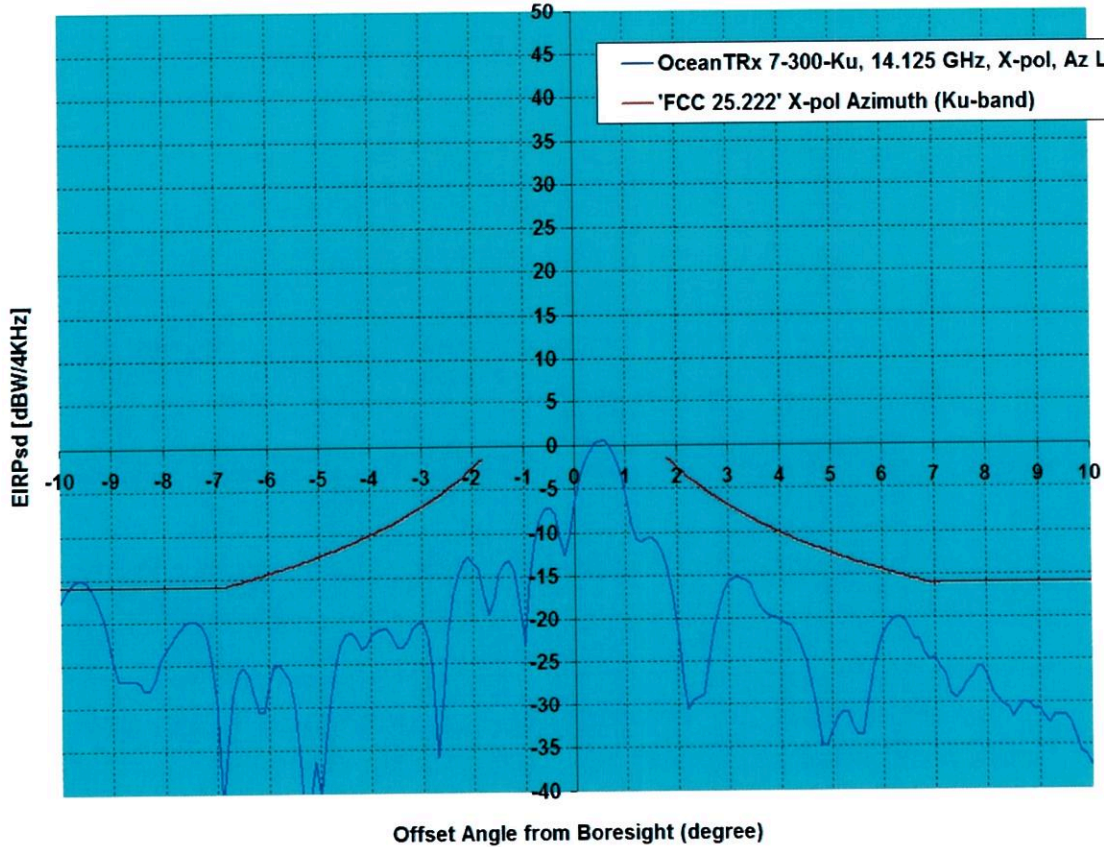
Orbit Communication Systems Ltd.
 OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd Data Table
 X-pol Azimuth LinV, -10° to +10° @ 0.1° increment

-4.0	-21.6	-10.1	-11.6
-3.9	-21.2	-9.8	-11.4
-3.8	-21.0	-9.5	-11.5
-3.7	-21.0	-9.2	-11.8
-3.6	-21.8	-8.9	-12.9
-3.5	-23.2	-8.6	-14.6
-3.4	-23.2	-8.3	-14.9
-3.3	-22.5	-8.0	-14.5
-3.2	-20.9	-7.6	-13.3
-3.1	-20.4	-7.3	-13.1
-3.0	-20.2	-6.9	-13.3
-2.9	-22.0	-6.6	-15.4
-2.8	-26.1	-6.2	-19.9
-2.7	-36.0	-5.8	-30.2
-2.6	-29.1	-5.4	-23.7
-2.5	-21.2	-4.9	-16.2
-2.4	-17.0	-4.5	-12.5
-2.3	-14.7	-4.0	-10.6
-2.2	-13.2	-3.6	-9.6
-2.1	-12.6	-3.1	-9.6
-2.0	-13.4	-2.5	-10.9
-1.9	-14.1	-2.0	-12.1
-1.8	-17.1	-1.4	-15.7
-1.7	-19.4		
-1.6	-17.5		
-1.5	-14.8		
-1.4	-13.5		
-1.3	-13.1		
-1.2	-14.4		
-1.1	-18.3		
-1.0	-22.7		
-0.9	-15.9		
-0.8	-11.2		
-0.7	-8.6		
-0.6	-7.4		
-0.5	-7.1		
-0.4	-7.9		
-0.3	-10.4		
-0.2	-12.5		
-0.1	-10.2		
0.0	-6.2		

6.0	-21.8	-14.5	-7.3
6.1	-20.8	-14.6	-6.2
6.2	-20.1	-14.8	-5.3
6.3	-19.8	-15.0	-4.9
6.4	-20.2	-15.2	-5.0
6.5	-21.3	-15.3	-6.0
6.6	-22.5	-15.5	-7.0
6.7	-22.6	-15.7	-6.9
6.8	-24.3	-15.8	-8.4
6.9	-24.9	-16.0	-8.9
7.0	-24.7	-16.1	-8.6
7.1	-25.9	-16.0	-9.9
7.2	-26.5	-16.0	-10.5
7.3	-28.8	-16.0	-12.8
7.4	-29.4	-16.0	-13.4
7.5	-28.7	-16.0	-12.7
7.6	-27.7	-16.0	-11.7
7.7	-26.9	-16.0	-10.9
7.8	-25.9	-16.0	-9.9
7.9	-25.7	-16.0	-9.7
8.0	-26.8	-16.0	-10.8
8.1	-28.7	-16.0	-12.7
8.2	-29.6	-16.0	-13.6
8.3	-30.3	-16.0	-14.3
8.4	-30.7	-16.0	-14.7
8.5	-31.8	-16.0	-15.8
8.6	-30.8	-16.0	-14.8
8.7	-29.9	-16.0	-13.9
8.8	-30.2	-16.0	-14.2
8.9	-30.9	-16.0	-14.9
9.0	-30.8	-16.0	-14.8
9.1	-31.8	-16.0	-15.8
9.2	-32.4	-16.0	-16.4
9.3	-31.5	-16.0	-15.5
9.4	-31.6	-16.0	-15.6
9.5	-31.7	-16.0	-15.7
9.6	-32.5	-16.0	-16.5
9.7	-34.0	-16.0	-18.0
9.8	-35.7	-16.0	-19.7
9.9	-36.1	-16.0	-20.1
10.0	-37.3	-16.0	-21.3

Orbit Communication Systems Ltd.
 OceanTRx 7-300-Ku, 2.1m Antenna, EIRPsd, X-pol, Azimuth LinV

'FCC 25.222' X-pol Guide in Az at Ku-band for EIRPsd of -16.64 dBW/4KHz to Input and
 29.57 dBW/4KHz at Output of OceanTRx 7-300-Ku 2.1m Antenna in 14.125 GHz at Az LinV
 Min BW of 4.65 MHz in case of 40W BUC



Configuration System, Frequency, Plane, Polarization	Antenna Gain dBi	Input EIRPsd dBW/4KHz	Peak Excursions dB		Over Mask %
			± (1.8° to 7°)	± (1.8° to 7°)	
OceanTRx 7-300-Ku, 14.125 GHz, X-pol, Az LinV	46.21	-16.64	-4.86	-3.40	0.00