

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

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

