

EIRPsd Data Table for AZU-12(120cm)

Co-pol, Elevation,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -15.4dBW/4KHz

Test Freq. = 14.5GHz

Off-Axis angle	Off-Axis EIRPsd	25.222 Mask	Over mask
Degree	dBW/4KHz	dBW/4KHz	dB
180	-61.3	-14.0	-47.3
175	-58.2	-14.0	-44.2
170	-51.4	-14.0	-37.4
165	-64.2	-14.0	-50.2
160	-70.6	-14.0	-56.6
155	-43.2	-14.0	-29.2
150	-42.9	-14.0	-28.9
145	-49.2	-14.0	-35.2
140	-53.1	-14.0	-39.1
135	-55.1	-14.0	-41.1
130	-58.9	-14.0	-44.9
125	-54.1	-14.0	-40.1
120	-57.1	-14.0	-43.1
115	-60.2	-14.0	-46.2
110	-56.2	-14.0	-42.2
105	-52.9	-14.0	-38.9
100	-49.2	-14.0	-35.2
95	-44.2	-14.0	-30.2
90	-54.8	-14.0	-40.8
85	-44.0	-24.0	-20.0
80	-53.1	-24.0	-29.1
75	-43.1	-24.0	-19.1
70	-41.0	-24.0	-17.0
65	-73.2	-24.0	-49.2
60	-76.9	-24.0	-52.9
55	-74.9	-24.0	-48.9
50	-72.9	-24.0	-47.0
45	-71.0	-23.3	-47.6
40	-69.8	-22.1	-47.7
35	-62.3	-20.6	-41.7
30	-66.6	-18.9	-47.6

25	-54.7	-16.9	-37.7
20	-56.1	-14.5	-41.6
15	-58.1	-11.4	-46.7
10	-54.1	-7.0	-47.1
9.9	-59.6	-6.9	-52.7
9.8	-57.4	-6.8	-50.6
9.7	-53.7	-6.7	-47.1
9.6	-50.8	-6.6	-44.3
9.5	-48.6	-6.4	-42.2
9.4	-47.2	-6.3	-40.9
9.3	-46.6	-6.2	-40.4
9.2	-47.0	-6.1	-40.9
9.1	-48.3	-6.0	-42.3
9.0	-50.3	-5.9	-44.5
8.9	-52.9	-5.7	-47.2
8.8	-55.3	-5.6	-49.7
8.7	-57.2	-5.5	-51.8
8.6	-56.4	-5.4	-51.0
8.5	-54.1	-5.2	-48.9
8.4	-52.9	-5.1	-47.8
8.3	-53.0	-5.0	-48.0
8.2	-53.0	-4.8	-48.1
8.1	-51.7	-4.7	-47.0
8.0	-49.7	-4.6	-45.1
7.9	-47.9	-4.4	-43.4
7.8	-46.1	-4.3	-41.8
7.7	-44.1	-4.2	-40.0
7.6	-42.3	-4.0	-38.3
7.5	-40.9	-3.9	-37.1
7.4	-40.1	-3.7	-36.4
7.3	-39.7	-3.6	-36.1
7.2	-39.4	-3.4	-36.0
7.1	-39.3	-3.3	-36.0
7.0	-39.2	-3.1	-36.1
6.9	-39.3	-3.0	-36.3
6.8	-39.6	-2.8	-36.8
6.7	-40.1	-2.7	-37.4
6.6	-40.4	-2.5	-37.9
6.5	-40.4	-2.3	-38.1
6.4	-40.0	-2.2	-37.8
6.3	-39.2	-2.0	-37.2
6.2	-38.3	-1.8	-36.5

6.1	-37.5	-1.6	-35.9
6.0	-36.9	-1.5	-35.5
5.9	-36.3	-1.3	-35.0
5.8	-35.7	-1.1	-34.6
5.7	-35.4	-0.9	-34.5
5.6	-35.4	-0.7	-34.7
5.5	-35.9	-0.5	-35.4
5.4	-36.8	-0.3	-36.5
5.3	-37.7	-0.1	-37.6
5.2	-38.0	0.1	-38.1
5.1	-37.3	0.3	-37.6
5.0	-35.8	0.5	-36.4
4.9	-33.9	0.7	-34.6
4.8	-32.0	1.0	-33.0
4.7	-30.5	1.2	-31.7
4.6	-29.5	1.4	-30.9
4.5	-28.8	1.7	-30.4
4.4	-28.2	1.9	-30.1
4.3	-27.9	2.2	-30.0
4.2	-27.8	2.4	-30.2
4.1	-28.1	2.7	-30.8
4.0	-28.7	2.9	-31.7
3.9	-29.6	3.2	-32.8
3.8	-30.7	3.5	-34.2
3.7	-31.7	3.8	-35.5
3.6	-33.2	4.1	-37.3
3.5	-35.2	4.4	-39.6
3.4	-37.5	4.7	-42.2
3.3	-39.5	5.0	-44.6
3.2	-40.5	5.4	-45.8
3.1	-40.6	5.7	-46.3
3.0	-39.3	6.1	-45.4
2.9	-37.1		
2.8	-34.8		
2.7	-32.2		
2.6	-29.5		
2.5	-27.2		
2.4	-25.5		
2.3	-24.5		
2.2	-23.5		
2.1	-22.4		
2.0	-21.6		

1.9	-21.3		
1.8	-21.3		
1.7	-21.1		
1.6	-20.3		
1.5	-19.0		
1.4	-17.4		
1.3	-15.6		
1.2	-13.5		
1.1	-11.5		
1.0	-9.7		
0.9	-8.3		
0.8	-6.9		
0.7	-5.6		
0.6	-4.6		
0.5	-3.7		
0.4	-3.1		
0.3	-2.5		
0.2	-2.1		
0.1	-1.8		
0	-1.6		

EIRPsd Data Table for AZU-12(120cm)

Co-pol, Azimuth,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -15.4dBW/4KHz

Test Freq. = 14.5GHz

Off-Axis angle	Off-Axis EIRPsd	25.222 Mask	Over mask
Degree	dBW/4KHz	dBW/4KHz	dB
180	-59.4	-14.0	-45.4
175	-68.5	-14.0	-54.5
170	-68.5	-14.0	-54.5
165	-54.8	-14.0	-40.8
160	-59.4	-14.0	-45.4
155	-68.5	-14.0	-54.5
150	-54.8	-14.0	-40.8
145	-59.4	-14.0	-45.4
140	-68.5	-14.0	-54.5
135	-54.8	-14.0	-40.8
130	-59.4	-14.0	-45.4
125	-68.5	-14.0	-54.5
120	-54.8	-14.0	-40.8
115	-59.4	-14.0	-45.4
110	-68.5	-14.0	-54.5
105	-54.8	-14.0	-40.8
100	-59.4	-14.0	-45.4
95	-68.5	-14.0	-54.5
90	-54.8	-14.0	-40.8
85	-59.4	-24.0	-35.4
80	-68.5	-24.0	-44.5
75	-58.5	-24.0	-34.5
70	-56.4	-24.0	-32.4
65	-45.6	-24.0	-21.6
60	-49.3	-24.0	-25.3
55	-47.3	-24.0	-23.3
50	-45.4	-24.0	-21.4
45	-43.4	-23.3	-20.1
40	-42.2	-22.1	-20.2
35	-44.8	-20.6	-24.2
30	-39.0	-18.9	-20.1

25	-37.1	-16.9	-20.2
20	-28.6	-14.5	-14.1
15	-30.6	-11.4	-19.2
10	-26.5	-7.0	-19.5
9.9	-32.1	-6.9	-25.2
9.8	-29.8	-6.8	-23.1
9.7	-26.2	-6.7	-19.5
9.6	-23.2	-6.6	-16.7
9.5	-21.1	-6.4	-14.6
9.4	-19.6	-6.3	-13.3
9.3	-19.0	-6.2	-12.8
9.2	-19.4	-6	-13.4
9.1	-20.7	-6	-14.7
9.0	-22.8	-6	-16.8
8.9	-25.4	-6	-19.4
8.8	-27.8	-6	-21.8
8.7	-29.7	-6	-23.7
8.6	-28.8	-6	-22.8
8.5	-26.6	-6	-20.6
8.4	-25.3	-6	-19.3
8.3	-25.4	-6	-19.4
8.2	-25.4	-6	-19.4
8.1	-24.2	-6	-18.2
8.0	-22.1	-6	-16.1
7.9	-20.3	-6	-14.3
7.8	-18.5	-6	-12.5
7.7	-16.6	-6	-10.6
7.6	-14.7	-6	-8.7
7.5	-13.4	-6	-7.4
7.4	-12.5	-6	-6.5
7.3	-12.1	-6	-6.1
7.2	-11.9	-6	-5.9
7.1	-11.7	-6	-5.7
7.0	-11.7	-6.1	-5.5
6.9	-11.7	-6.0	-5.7
6.8	-12.0	-5.8	-6.2
6.7	-12.5	-5.7	-6.8
6.6	-12.8	-5.5	-7.4
6.5	-12.9	-5.3	-7.5
6.4	-12.4	-5.2	-7.2
6.3	-11.6	-5.0	-6.6
6.2	-10.7	-4.8	-5.9

6.1	-9.9	-4.6	-5.3
6.0	-9.4	-4.5	-4.9
5.9	-8.8	-4.3	-4.5
5.8	-8.2	-4.1	-4.1
5.7	-7.8	-3.9	-3.9
5.6	-7.8	-3.7	-4.1
5.5	-8.3	-3.5	-4.8
5.4	-9.2	-3.3	-5.9
5.3	-10.1	-3.1	-7.0
5.2	-10.4	-2.9	-7.5
5.1	-9.7	-2.7	-7.1
5.0	-22.5	-2.5	-20.0
4.9	-7.3	-2.3	-5.1
4.8	-5.4	-2.0	-3.4
4.7	-3.9	-1.8	-2.1
4.6	-2.9	-1.6	-1.4
4.5	-2.2	-1.3	-0.9
4.4	-1.6	-1.1	-0.5
4.3	-1.3	-0.8	-0.5
4.2	-1.2	-0.6	-0.7
4.1	-0.5	-0.3	-0.2
4.0	-1.1	-0.1	-1.1
3.9	-2.0	0.2	-2.3
3.8	-3.1	0.5	-3.6
3.7	-4.2	0.8	-5.0
3.6	-5.6	1.1	-6.7
3.5	-7.6	1.4	-9.0
3.4	-9.9	1.7	-11.6
3.3	-12.0	2.0	-14.0
3.2	-12.9	2.4	-15.3
3.1	-13.0	2.7	-15.7
3.0	-11.7	3.1	-14.8
2.9	-9.5	3.4	-13.0
2.8	-7.2	3.8	-11.0
2.7	-4.7	4.2	-8.9
2.6	-1.9	4.6	-6.5
2.5	-25.5	5.1	-30.5
2.4	-23.8	5.5	-29.3
2.3	-22.6	6.0	-28.6
2.2	-21.5	6.4	-28.0
2.1	-20.5	6.9	-27.4
2.0	-19.6	7.5	-27.1

1.9	-19.1	8.0	-27.1
1.8	-18.9	8.6	-27.5
1.7	-18.8	9.2	-28.1
1.6	-19.0	9.9	-28.9
1.5	-19.7	10.6	-30.3
1.4	-21.0		
1.3	-23.8		
1.2	-28.9		
1.1	-32.6		
1.0	-24.1		
0.9	-18.7		
0.8	-14.7		
0.7	-11.7		
0.6	-9.3		
0.5	-7.5		
0.4	-5.9		
0.3	-4.6		
0.2	-3.4		
0.1	-2.4		
0	-1.6		

EIRPsd Data Table for AZU-12(120cm)

Co-pol, Elevation,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -15.4dBW/4KHz

Test Freq. = 14.5GHz

Off-Axis angle	Off-Axis EIRPsd	25.222 Mask	Over mask
Degree	dBW/4KHz	dBW/4KHz	dB
10	-36.1	-16.0	-20.1
9.9	-35.9	-16.0	-19.9
9.8	-35.8	-16.0	-19.8
9.7	-35.7	-16.0	-19.7
9.6	-35.8	-16.0	-19.8
9.5	-35.9	-16.0	-19.9
9.4	-36.0	-16.0	-20.0
9.3	-36.2	-16.0	-20.2
9.2	-36.5	-16.0	-20.5
9.1	-36.9	-16.0	-20.9
9.0	-37.3	-16.0	-21.3
8.9	-37.8	-16.0	-21.8
8.8	-38.3	-16.0	-22.3
8.7	-38.9	-16.0	-22.9
8.6	-39.6	-16.0	-23.6
8.5	-40.5	-16.0	-24.5
8.4	-41.8	-16.0	-25.8
8.3	-43.4	-16.0	-27.4
8.2	-45.2	-16.0	-29.2
8.1	-47.0	-16.0	-31.0
8.0	-48.3	-16.0	-32.3
7.9	-48.6	-16.0	-32.6
7.8	-42.9	-16.0	-26.9
7.7	-41.7	-16.0	-25.7
7.6	-41.8	-16.0	-25.8
7.5	-40.5	-16.0	-24.5
7.4	-39.4	-16.0	-23.4
7.3	-38.6	-16.0	-22.6
7.2	-38.1	-16.0	-22.1
7.1	-37.6	-16.0	-21.6

7.0	-37.1	-16.1	-21.0
6.9	-36.5	-16.0	-20.5
6.8	-35.7	-15.8	-19.9
6.7	-35.0	-15.7	-19.4
6.6	-34.5	-15.5	-19.0
6.5	-34.1	-15.3	-18.7
6.4	-33.9	-15.2	-18.7
6.3	-34.1	-15.0	-19.2
6.2	-33.4	-14.8	-18.6
6.1	-33.7	-14.6	-19.0
6.0	-33.5	-14.5	-19.1
5.9	-33.5	-14.3	-19.2
5.8	-33.6	-14.1	-19.5
5.7	-33.9	-13.9	-20.0
5.6	-34.3	-13.7	-20.6
5.5	-34.6	-13.5	-21.0
5.4	-34.4	-13.3	-21.1
5.3	-33.8	-13.1	-20.7
5.2	-32.8	-12.9	-19.9
5.1	-31.8	-12.7	-19.1
5.0	-30.7	-12.5	-18.3
4.9	-29.7	-12.3	-17.4
4.8	-28.6	-12.0	-16.6
4.7	-27.5	-11.8	-15.7
4.6	-26.5	-11.6	-14.9
4.5	-25.6	-11.3	-14.3
4.4	-24.9	-11.1	-13.8
4.3	-24.4	-10.8	-13.5
4.2	-24.0	-10.6	-13.4
4.1	-23.6	-10.3	-13.3
4.0	-23.4	-10.1	-13.3
3.9	-23.4	-9.8	-13.7
3.8	-23.4	-9.5	-13.9
3.7	-23.4	-9.2	-14.2
3.6	-23.6	-8.9	-14.7
3.5	-24.0	-8.6	-15.4
3.4	-24.5	-8.3	-16.3
3.3	-25.2	-8.0	-17.3
3.2	-26.0	-7.6	-18.3
3.1	-26.6	-7.3	-19.3
3.0	-26.7	-6.9	-19.8
2.9	-26.3	-6.6	-19.7

2.8	-25.2	-6.2	-19.0
2.7	-23.6	-5.8	-17.8
2.6	-21.9	-5.4	-16.5
2.5	-20.3	-4.9	-15.3
2.4	-18.8	-4.5	-14.3
2.3	-17.2	-4.0	-13.2
2.2	-16.2	-3.6	-12.7
2.1	-15.4	-3.1	-12.4
2.0	-14.7	-2.5	-12.2
1.9	-14.0	-2.0	-12.0
1.8	-13.1	-1.4	-11.7
1.7	-12.9		
1.6	-12.5		
1.5	-12.3		
1.4	-12.3		
1.3	-12.4		
1.2	-12.6		
1.1	-13.0		
1.0	-12.9		
0.9	-13.5		
0.8	-14.2		
0.7	-15.1		
0.6	-16.3		
0.5	-17.9		
0.4	-20.0		
0.3	-23.0		
0.2	-27.1		
0.1	-32.0		
0	-31.6		
-0.1	-27.5		
-0.2	-24.2		
-0.3	-21.7		
-0.4	-19.9		
-0.5	-18.5		
-0.6	-17.5		
-0.7	-16.7		
-0.8	-16.3		
-0.9	-16.0		
-1	-15.9		
-1.1	-15.8		
-1.2	-15.8		
-1.3	-15.8		

-1.4	-15.8		
-1.5	-15.9		
-1.6	-16.0		
-1.7	-16.1		
-1.8	-16.3	-1.4	-14.9
-1.9	-16.4	-2.0	-14.5
-2	-16.6	-2.5	-14.0
-2.1	-16.7	-3.1	-13.6
-2.2	-17.0	-3.6	-13.4
-2.3	-17.0	-4.0	-13.0
-2.4	-17.5	-4.5	-13.0
-2.5	-17.8	-4.9	-12.8
-2.6	-18.2	-5.4	-12.8
-2.7	-18.6	-5.8	-12.8
-2.8	-19.1	-6.2	-12.9
-2.9	-19.6	-6.6	-13.0
-3	-20.2	-6.9	-13.3
-3.1	-20.9	-7.3	-13.6
-3.2	-21.8	-7.6	-14.1
-3.3	-22.7	-8.0	-14.7
-3.4	-23.7	-8.3	-15.4
-3.5	-24.8	-8.6	-16.2
-3.6	-25.8	-8.9	-16.9
-3.7	-26.9	-9.2	-17.7
-3.8	-28.6	-9.5	-19.1
-3.9	-29.8	-9.8	-20.0
-4	-31.0	-10.1	-21.0
-4.1	-32.3	-10.3	-21.9
-4.2	-33.5	-10.6	-22.9
-4.3	-34.8	-10.8	-23.9
-4.4	-36.2	-11.1	-25.1
-4.5	-38.0	-11.3	-26.6
-4.6	-40.2	-11.6	-28.7
-4.7	-43.3	-11.8	-31.5
-4.8	-47.1	-12.0	-35.1
-4.9	-49.5	-12.3	-37.3
-5	-47.4	-12.5	-34.9
-5.1	-44.6	-12.7	-31.9
-5.2	-42.4	-12.9	-29.5
-5.3	-40.7	-13.1	-27.5
-5.4	-39.3	-13.3	-26.0
-5.5	-38.3	-13.5	-24.8

-5.6	-37.6	-13.7	-23.9
-5.7	-37.3	-13.9	-23.4
-5.8	-37.3	-14.1	-23.3
-5.9	-37.8	-14.3	-23.5
-6	-38.6	-14.5	-24.1
-6.1	-39.8	-14.6	-25.2
-6.2	-41.5	-14.8	-26.7
-6.3	-43.7	-15.0	-28.7
-6.4	-46.5	-15.2	-31.3
-6.5	-49.1	-15.3	-33.8
-6.6	-49.1	-15.5	-33.6
-6.7	-45.5	-15.7	-29.9
-6.8	-42.0	-15.8	-26.2
-6.9	-39.4	-16.0	-23.4
-7	-37.4	-16.1	-21.3
-7.1	-36.0	-16.0	-20.0
-7.2	-35.1	-16.0	-19.1
-7.3	-34.5	-16.0	-18.5
-7.4	-34.0	-16.0	-18.0
-7.5	-33.7	-16.0	-17.7
-7.6	-33.5	-16.0	-17.5
-7.7	-33.5	-16.0	-17.5
-7.8	-33.8	-16.0	-17.8
-7.9	-34.0	-16.0	-18.0
-8	-34.6	-16.0	-18.6
-8.1	-35.4	-16.0	-19.4
-8.2	-36.6	-16.0	-20.6
-8.3	-38.2	-16.0	-22.2
-8.4	-40.2	-16.0	-24.2
-8.5	-42.8	-16.0	-26.8
-8.6	-46.0	-16.0	-30.0
-8.7	-50.1	-16.0	-34.1
-8.8	-57.0	-16.0	-41.0
-8.9	-55.3	-16.0	-39.3
-9	-49.2	-16.0	-33.2
-9.1	-45.6	-16.0	-29.6
-9.2	-43.4	-16.0	-27.4
-9.3	-42.0	-16.0	-26.0
-9.4	-41.4	-16.0	-25.4
-9.5	-41.2	-16.0	-25.2
-9.6	-41.4	-16.0	-25.4
-9.7	-42.0	-16.0	-26.0

-9.8	-42.8	-16.0	-26.8
-9.9	-43.9	-16.0	-27.9
-10	-45.1	-16.0	-29.1