

EIRPsd Data Table for Z10Mk2(100cm)

Co-pol, Elevation,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -18.4dBW/4KHz

Test Frequency : 14.25GHz

Off-Axis angle Degree	Off-Axis EIRPsd dBW/4KHz	25.222 Mask dBW/4KHz	Over mask dB
180	-66.2	-14.0	-52.2
175	-70.4	-14.0	-56.4
170	-69.6	-14.0	-55.6
165	-68.3	-14.0	-54.3
160	-83.5	-14.0	-69.5
155	-67.4	-14.0	-53.4
150	-74.6	-14.0	-60.6
145	-71.7	-14.0	-57.7
140	-73.2	-14.0	-59.2
135	-73.1	-14.0	-59.1
130	-71.3	-14.0	-57.3
125	-69.8	-14.0	-55.8
120	-69.3	-14.0	-55.3
115	-74.5	-14.0	-60.5
110	-69.0	-14.0	-55.0
105	-74.6	-14.0	-60.6
100	-69.6	-14.0	-55.6
95	-71.6	-14.0	-57.6
90	-65.6	-14.0	-51.6
85	-54.9	-24.0	-30.9
80	-46.0	-24.0	-22.0
75	-41.9	-24.0	-17.9
70	-47.2	-24.0	-23.2
65	-42.8	-24.0	-18.8
60	-38.9	-24.0	-14.9
55	-42.5	-24.0	-18.5
50	-36.7	-24.0	-12.7
45	-41.5	-23.3	-18.1
40	-51.9	-22.1	-29.9
35	-43.6	-20.6	-23.0

30	-29.2	-18.9	-10.3
25	-34.6	-16.9	-17.7
20	-44.3	-14.5	-29.8
15	-25.5	-11.4	-14.1
10	-15.8	-7.0	-8.8
9.9	-15.2	-6.9	-8.3
9.8	-14.9	-6.8	-8.1
9.7	-14.8	-6.7	-8.1
9.6	-15.0	-6.6	-8.5
9.5	-15.5	-6.4	-9.0
9.4	-16.2	-6.3	-9.9
9.3	-17.2	-6.2	-11.0
9.2	-18.6	-6.1	-12.5
9.1	-20.3	-5.9	-14.4
9	-22.5	-5.9	-16.6
8.9	-25.0	-5.7	-19.2
8.8	-27.2	-5.6	-21.6
8.7	-28.0	-5.5	-22.6
8.6	-27.0	-5.4	-21.6
8.5	-25.7	-5.2	-20.5
8.4	-24.7	-5.1	-19.6
8.3	-24.1	-5.0	-19.1
8.2	-24.0	-4.8	-19.1
8.1	-24.1	-4.7	-19.4
8	-24.1	-4.6	-19.5
7.9	-23.7	-4.4	-19.3
7.8	-22.5	-4.3	-18.2
7.7	-20.8	-4.2	-16.6
7.6	-19.1	-4.0	-15.1
7.5	-17.5	-3.9	-13.6
7.4	-16.1	-3.7	-12.3
7.3	-15.0	-3.6	-11.4
7.2	-14.1	-3.4	-10.6
7.1	-13.4	-3.3	-10.1
7	-13.0	-3.1	-9.9
6.9	-12.8	-3.0	-9.8
6.8	-12.7	-2.8	-9.9
6.7	-12.8	-2.7	-10.1
6.6	-13.0	-2.5	-10.5
6.5	-13.4	-2.3	-11.1
6.4	-13.8	-2.2	-11.7
6.3	-14.4	-2.0	-12.4

6.2	-15.0	-1.8	-13.2
6.1	-15.7	-1.6	-14.1
6	-16.6	-1.5	-15.1
5.9	-17.7	-1.3	-16.4
5.8	-19.3	-1.1	-18.3
5.7	-21.8	-0.9	-20.9
5.6	-25.6	-0.7	-24.9
5.5	-31.5	-0.5	-31.0
5.4	-27.5	-0.3	-27.2
5.3	-21.8	-0.1	-21.7
5.2	-18.0	0.1	-18.1
5.1	-15.3	0.3	-15.6
5	-13.4	0.5	-13.9
4.9	-12.0	0.7	-12.8
4.8	-11.0	1.0	-11.9
4.7	-10.3	1.2	-11.5
4.6	-10.0	1.4	-11.4
4.5	-9.9	1.7	-11.5
4.4	-10.0	1.9	-11.9
4.3	-10.4	2.2	-12.6
4.2	-11.1	2.4	-13.5
4.1	-11.7	2.7	-14.4
4	-12.5	2.9	-15.5
3.9	-13.3	3.2	-16.5
3.8	-13.7	3.5	-17.2
3.7	-13.9	3.8	-17.7
3.6	-14.1	4.1	-18.2
3.5	-14.1	4.4	-18.5
3.4	-14.3	4.7	-19.0
3.3	-14.2	5.0	-19.3
3.2	-13.7	5.4	-19.1
3.1	-12.4	5.7	-18.1
3	-10.5	6.1	-16.6
2.9	-8.6		
2.8	-6.6		
2.7	-5.0		
2.6	-3.8		
2.5	-2.8		
2.4	-2.1		
2.3	-1.9		
2.2	-2.1		
2.1	-2.7		

2	-4.2		
1.9	-6.7		
1.8	-10.8		
1.7	-10.5		
1.6	-4.5		
1.5	0.1		
1.4	3.5		
1.3	6.2		
1.2	8.4		
1.1	10.2		
1	11.8		
0.9	13.2		
0.8	14.3		
0.7	15.3		
0.6	16.1		
0.5	16.8		
0.4	17.3		
0.3	17.8		
0.2	18.1		
0.1	18.3		
0	18.4		

EIRPsd Data Table for Z10Mk2(100cm)

Co-pol, Azimuth,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -18.4dBW/4KHz

Test Frequency : 14.25GHz

Off-Axis angle Degree	Off-Axis EIRPsd dBW/4KHz	25.222 Mask dBW/4KHz	Over mask dB
180	-79.8	-14.0	-65.8
175	-79.3	-14.0	-65.3
170	-94.9	-14.0	-80.9
165	-86.0	-14.0	-72.0
160	-91.6	-14.0	-77.6
155	-79.2	-14.0	-65.2
150	-79.6	-14.0	-65.6
145	-83.3	-14.0	-69.3
140	-80.5	-14.0	-66.5
135	-74.7	-14.0	-60.7
130	-90.9	-14.0	-76.9
125	-81.0	-14.0	-67.0
120	-76.3	-14.0	-62.3
115	-84.3	-14.0	-70.3
110	-87.2	-14.0	-73.2
105	-84.1	-14.0	-70.1
100	-75.0	-14.0	-61.0
95	-76.7	-14.0	-62.7
90	-64.0	-14.0	-50.0
85	-55.7	-24.0	-31.7
80	-43.8	-24.0	-19.8
75	-39.8	-24.0	-15.8
70	-44.5	-24.0	-20.5
65	-32.7	-24.0	-8.7
60	-35.8	-24.0	-11.8
55	-41.9	-24.0	-17.9
50	-35.0	-24.0	-11.0
45	-41.5	-23.3	-18.2
40	-45.7	-22.1	-23.6

35	-38.3	-20.6	-17.7
30	-35.9	-18.9	-17.0
25	-32.6	-16.9	-15.7
20	-28.2	-14.5	-13.7
15	-29.3	-11.4	-17.9
10	-26.2	-7.0	-19.2
9.9	-27.6	-6.9	-20.7
9.8	-24.2	-6.8	-17.4
9.7	-24.2	-6.7	-17.5
9.6	-23.5	-6.6	-16.9
9.5	-22.9	-6.4	-16.5
9.4	-22.6	-6.3	-16.2
9.3	-22.4	-6.2	-16.2
9.2	-22.3	-6.1	-16.2
9.1	-22.4	-5.9	-16.5
9	-22.6	-5.9	-16.7
8.9	-22.9	-5.7	-17.2
8.8	-23.3	-5.6	-17.6
8.7	-23.3	-5.5	-17.8
8.6	-24.3	-5.4	-18.9
8.5	-24.8	-5.2	-19.5
8.4	-25.3	-5.1	-20.2
8.3	-25.9	-5.0	-20.9
8.2	-26.3	-4.8	-21.4
8.1	-26.6	-4.7	-21.8
8	-26.7	-4.6	-22.1
7.9	-26.7	-4.4	-22.2
7.8	-26.5	-4.3	-22.2
7.7	-26.3	-4.2	-22.1
7.6	-26.3	-4.0	-22.2
7.5	-26.3	-3.9	-22.4
7.4	-26.6	-3.7	-22.8
7.3	-27.2	-3.6	-23.6
7.2	-28.2	-3.4	-24.8
7.1	-29.7	-3.3	-26.4
7	-31.6	-3.1	-28.4
6.9	-33.4	-3.0	-30.5
6.8	-33.3	-2.8	-30.5
6.7	-31.1	-2.7	-28.5
6.6	-28.6	-2.5	-26.1
6.5	-26.6	-2.3	-24.3
6.4	-25.2	-2.2	-23.1

6.3	-24.2	-2.0	-22.2
6.2	-23.6	-1.8	-21.8
6.1	-23.4	-1.6	-21.8
6	-23.5	-1.5	-22.1
5.9	-23.9	-1.3	-22.6
5.8	-24.3	-1.1	-23.2
5.7	-24.3	-0.9	-23.4
5.6	-23.5	-0.7	-22.8
5.5	-22.1	-0.5	-21.6
5.4	-20.4	-0.3	-20.1
5.3	-18.8	-0.1	-18.7
5.2	-17.4	0.1	-17.5
5.1	-16.3	0.3	-16.6
5	-15.4	0.5	-15.9
4.9	-14.8	0.7	-15.6
4.8	-14.5	1.0	-15.4
4.7	-14.3	1.2	-15.5
4.6	-14.5	1.4	-15.9
4.5	-14.8	1.7	-16.5
4.4	-15.4	1.9	-17.3
4.3	-16.2	2.2	-18.4
4.2	-17.3	2.4	-19.7
4.1	-18.4	2.7	-21.1
4	-19.6	2.9	-22.6
3.9	-20.8	3.2	-24.0
3.8	-21.3	3.5	-24.8
3.7	-21.3	3.8	-25.1
3.6	-20.5	4.1	-24.6
3.5	-18.9	4.4	-23.3
3.4	-16.9	4.7	-21.6
3.3	-14.8	5.0	-19.9
3.2	-12.9	5.4	-18.2
3.1	-10.9	5.7	-16.7
3	-9.3	6.1	-15.3
2.9	-7.9		
2.8	-6.7		
2.7	-5.8		
2.6	-5.3		
2.5	-4.9		
2.4	-5.0		
2.3	-5.5		
2.2	-6.5		

2.1	-7.8		
2	-8.8		
1.9	-7.4		
1.8	-4.2		
1.7	-0.8		
1.6	2.1		
1.5	4.6		
1.4	6.7		
1.3	8.6		
1.2	10.2		
1.1	11.6		
1	12.9		
0.9	13.9		
0.8	14.9		
0.7	15.7		
0.6	16.4		
0.5	17.0		
0.4	17.4		
0.3	17.8		
0.2	18.1		
0.1	18.3		
0	18.4		

EIRPsd Data Table for Z10Mk2(100cm)

Co-pol, Elevation,

From 0 to 10deg in 0.1 deg step

From 10 to 180deg in 5 deg step

Power density input = -18.4dBW/4KHz

Test Frequency : 14.25GHz

Off-Axis angle Degree	Off-Axis EIRPsd dBW/4KHz	25.222 Mask dBW/4KHz	Over mask dB
10	-15.8	-16.0	0.2
9.9	-15.2	-16.0	0.8
9.8	-14.9	-16.0	1.1
9.7	-14.8	-16.0	1.2
9.6	-15.0	-16.0	1.0
9.5	-15.5	-16.0	0.5
9.4	-16.2	-16.0	-0.2
9.3	-17.2	-16.0	-1.2
9.2	-18.6	-16.0	-2.6
9.1	-20.3	-16.0	-4.3
9	-22.5	-16.0	-6.5
8.9	-25.0	-16.0	-9.0
8.8	-27.2	-16.0	-11.2
8.7	-28.0	-16.0	-12.0
8.6	-27.0	-16.0	-11.0
8.5	-25.7	-16.0	-9.7
8.4	-24.7	-16.0	-8.7
8.3	-24.1	-16.0	-8.1
8.2	-24.0	-16.0	-8.0
8.1	-24.1	-16.0	-8.1
8	-24.1	-16.0	-8.1
7.9	-23.7	-16.0	-7.7
7.8	-22.5	-16.0	-6.5
7.7	-20.8	-16.0	-4.8
7.6	-19.1	-16.0	-3.1
7.5	-17.5	-16.0	-1.5
7.4	-16.1	-16.0	-0.1
7.3	-15.0	-16.0	1.0
7.2	-14.1	-16.0	1.9

7.1	-13.4	-16.0	2.6
7	-13.0	-16.1	3.1
6.9	-12.8	-16.0	3.2
6.8	-12.7	-15.8	3.1
6.7	-12.8	-15.7	2.9
6.6	-13.0	-15.5	2.5
6.5	-13.4	-15.3	1.9
6.4	-13.8	-15.2	1.3
6.3	-14.4	-15.0	0.6
6.2	-15.0	-14.8	-0.2
6.1	-15.7	-14.6	-1.1
6	-16.6	-14.5	-2.1
5.9	-17.7	-14.3	-3.4
5.8	-19.3	-14.1	-5.3
5.7	-21.8	-13.9	-7.9
5.6	-25.6	-13.7	-11.9
5.5	-31.5	-13.5	-18.0
5.4	-27.5	-13.3	-14.2
5.3	-21.8	-13.1	-8.7
5.2	-18.0	-12.9	-5.1
5.1	-15.3	-12.7	-2.6
5	-13.4	-12.5	-0.9
4.9	-12.0	-12.3	0.2
4.8	-11.0	-12.0	1.1
4.7	-10.3	-11.8	1.5
4.6	-10.0	-11.6	1.6
4.5	-9.9	-11.3	1.5
4.4	-10.0	-11.1	1.1
4.3	-10.4	-10.8	0.4
4.2	-11.1	-10.6	-0.5
4.1	-11.7	-10.3	-1.4
4	-12.5	-10.1	-2.5
3.9	-13.3	-9.8	-3.5
3.8	-13.7	-9.5	-4.2
3.7	-13.9	-9.2	-4.7
3.6	-14.1	-8.9	-5.2
3.5	-14.1	-8.6	-5.5
3.4	-14.3	-8.3	-6.0
3.3	-14.2	-8.0	-6.3
3.2	-13.7	-7.6	-6.1
3.1	-12.4	-7.3	-5.1
3	-10.5	-6.9	-3.6

2.9	-8.6	-6.6	-2.0
2.8	-6.6	-6.2	-0.5
2.7	-5.0	-5.8	0.8
2.6	-3.8	-5.4	1.6
2.5	-2.8	-4.9	2.2
2.4	-2.1	-4.5	2.4
2.3	-1.9	-4.0	2.1
2.2	-2.1	-3.6	1.5
2.1	-2.7	-3.1	0.4
2	-4.2	-2.5	-1.6
1.9	-6.7	-2.0	-4.8
1.8	-10.8	-1.4	-9.4
1.7	-10.5		
1.6	-4.5		
1.5	0.1		
1.4	3.5		
1.3	6.2		
1.2	8.4		
1.1	10.2		
1	11.8		
0.9	13.2		
0.8	14.3		
0.7	15.3		
0.6	16.1		
0.5	16.8		
0.4	17.3		
0.3	17.8		
0.2	18.1		
0.1	18.3		
0	18.4		
-0.1	18.4		
-0.2	18.3		
-0.3	18.1		
-0.4	17.7		
-0.5	17.3		
-0.6	16.7		
-0.7	16.0		
-0.8	15.2		
-0.9	14.3		
-1	13.2		
-1.1	11.9		
-1.2	10.5		

-1.3	8.9		
-1.4	7.0		
-1.5	4.8		
-1.6	2.2		
-1.7	-0.9		
-1.8	-4.9	-1.4	-3.6
-1.9	-10.2	-2.0	-8.3
-2	-16.0	-2.5	-13.5
-2.1	-13.9	-3.1	-10.8
-2.2	-10.7	-3.6	-7.1
-2.3	-8.9	-4.0	-4.9
-2.4	-7.9	-4.5	-3.4
-2.5	-7.7	-4.9	-2.8
-2.6	-8.0	-5.4	-2.6
-2.7	-8.4	-5.8	-2.6
-2.8	-9.2	-6.2	-3.0
-2.9	-10.2	-6.6	-3.6
-3	-11.1	-6.9	-4.1
-3.1	-11.9	-7.3	-4.7
-3.2	-12.7	-7.6	-5.1
-3.3	-13.2	-8.0	-5.2
-3.4	-13.4	-8.3	-5.1
-3.5	-13.5	-8.6	-4.9
-3.6	-13.4	-8.9	-4.5
-3.7	-13.0	-9.2	-3.8
-3.8	-12.6	-9.5	-3.1
-3.9	-12.1	-9.8	-2.3
-4	-11.5	-10.1	-1.5
-4.1	-11.0	-10.3	-0.7
-4.2	-10.7	-10.6	-0.1
-4.3	-10.4	-10.8	0.4
-4.4	-10.3	-11.1	0.8
-4.5	-10.4	-11.3	1.0
-4.6	-10.6	-11.6	1.0
-4.7	-11.0	-11.8	0.8
-4.8	-11.6	-12.0	0.4
-4.9	-12.5	-12.3	-0.2
-5	-13.6	-12.5	-1.1
-5.1	-14.8	-12.7	-2.1
-5.2	-16.4	-12.9	-3.5
-5.3	-18.3	-13.1	-5.2
-5.4	-20.3	-13.3	-7.0

-5.5	-22.7	-13.5	-9.2
-5.6	-25.1	-13.7	-11.4
-5.7	-26.7	-13.9	-12.8
-5.8	-27.3	-14.1	-13.2
-5.9	-26.8	-14.3	-12.6
-6	-26.0	-14.5	-11.5
-6.1	-25.0	-14.6	-10.4
-6.2	-24.1	-14.8	-9.3
-6.3	-23.2	-15.0	-8.2
-6.4	-22.2	-15.2	-7.0
-6.5	-21.3	-15.3	-6.0
-6.6	-20.6	-15.5	-5.1
-6.7	-19.9	-15.7	-4.2
-6.8	-19.4	-15.8	-3.6
-6.9	-19.0	-16.0	-3.1
-7	-18.9	-16.1	-2.7
-7.1	-18.8	-16.0	-2.8
-7.2	-19.0	-16.0	-3.0
-7.3	-19.3	-16.0	-3.3
-7.4	-19.8	-16.0	-3.8
-7.5	-20.4	-16.0	-4.4
-7.6	-21.1	-16.0	-5.1
-7.7	-21.8	-16.0	-5.8
-7.8	-22.6	-16.0	-6.6
-7.9	-23.5	-16.0	-7.5
-8	-24.3	-16.0	-8.3
-8.1	-24.9	-16.0	-8.9
-8.2	-25.3	-16.0	-9.3
-8.3	-25.3	-16.0	-9.3
-8.4	-24.7	-16.0	-8.7
-8.5	-23.7	-16.0	-7.7
-8.6	-22.6	-16.0	-6.6
-8.7	-21.4	-16.0	-5.4
-8.8	-20.3	-16.0	-4.3
-8.9	-19.3	-16.0	-3.3
-9	-18.5	-16.0	-2.5
-9.1	-17.9	-16.0	-1.9
-9.2	-17.4	-16.0	-1.4
-9.3	-17.1	-16.0	-1.1
-9.4	-17.0	-16.0	-1.0
-9.5	-17.0	-16.0	-1.0
-9.6	-17.2	-16.0	-1.2

-9.7	-17.6	-16.0	-1.6
-9.8	-18.1	-16.0	-2.1
-9.9	-18.8	-16.0	-2.8
-10	-19.7	-16.0	-3.7