

BEXT

Model TFC2K 4-Bay Circular Polarized FM Antenna - 3/4 Wave Spaced



Frequency =

100.9

 Mhz
Interfering Contour

112.2

 dBu (50,10)

ERP=

250

 watts
Height =

146

 m AGL

Depression Angle	Relative Field (o)	Effective Power (w)	Distance to Contour (m)	Distance from Antenna to Ground (m)	Clearance (m)
5	0.843	177.7	229.51	1,675.16	1446
10	0.503	63.3	136.94	840.78	704
15	0.134	4.5	36.48	564.10	528
20	0.132	4.4	35.94	426.88	391
25	0.242	14.6	65.88	345.47	280
30	0.192	9.2	52.27	292.00	240
35	0.037	0.3	10.07	254.54	244
40	0.116	3.4	31.58	227.14	196
45	0.183	8.4	49.82	206.48	157

Depression Angle	Relative Field	Effective Power (w)	Distance to Contour (m)	Distance from Antenna to Ground (m)	Clearance (m)
50	0.170	7.2	46.28	190.59	144
55	0.102	2.6	27.77	178.23	150
60	0.026	0.2	7.08	168.59	162
65	0.030	0.2	8.17	161.09	153
70	0.062	1.0	16.88	155.37	138
75	0.071	1.3	19.33	151.15	132
80	0.060	0.9	16.34	148.25	132
85	0.037	0.3	10.07	146.56	136
90	0.017	0.1	0.00	146.00	146

NOTES:

- HEIGHT HAS BEEN REDUCED BY 2 METERS TO ALLOW FOR HUMAN EXPOSURE
- DISTANCE FROM ANTENNA TO GROUND IS ACTUALLY TO A POINT 2 METERS ABOVE GROUND