

XField.out

W292DU Tuscaloosa, Alabama

74.1204(d) Showing

Translator or LPFM Maximum Licensed ERP = 0.25

Translator or LPFM Antenna Height AG = 147 Meters

W292DU Antenna Model = TFC2K 4 Bay half wave

Protected Station's Contour = 64.91446 dBu

Translator's or LPFM's full Interference contour 104.91446

Review Azimuth = 0 Degrees True

Relative Field on the horizon at Review Azimuth = 1.000

Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kW

Distance between stations = 70.2 km

Protected Station= WBPT, 100 kW, 597 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	629.8643	629.8643	147.000
05.00	0.94	1.0	0.2209	592.0725	589.8194	095.397
10.00	0.789	1.0	0.1558	497.2492	489.6949	060.654
15.00	0.592	1.0	0.0876	372.8797	360.1741	050.492
20.00	0.381	1.0	0.0363	240.0356	225.5597	064.903
25.00	0.179	1.0	0.0081	113.0320	102.4418	099.231
30.00	0.005	1.0	0.0000	003.1493	002.7274	145.425
35.00	0.12	1.0	0.0036	075.5837	061.9146	103.647
40.00	0.186	1.0	0.0087	117.2542	089.8219	071.630
45.00	0.199	1.0	0.0099	125.1855	088.5195	058.480
50.00	0.172	1.0	0.0074	108.5466	069.7724	063.848
55.00	0.13	1.0	0.0042	081.9217	046.9884	079.894
60.00	0.087	1.0	0.0019	054.7982	027.3991	099.543
65.00	0.052	1.0	0.0007	032.7747	013.8512	117.296
70.00	0.027	1.0	0.0002	016.9670	005.8030	131.056
75.00	0.012	1.0	0.0000	007.5584	001.9563	139.699
80.00	0.004	1.0	0.0000	002.6094	000.4531	144.430
85.00	0.001	1.0	0.0000	000.6299	000.0549	146.373
90.00	0.0	1.0	0.0000	000.0630	000.0000	146.937

X-Field™ By V-Soft Communications@LLC