

W292DU Tuscaloosa , AL
 74.1204(d) Showing
 Translator or LPFM Maximum Licensed ERP = 0.25
 Translator or LPFM Antenna Height AG = 129 Meters
 W292DU Antenna Model = BEXT TFC2K 4 BAY 3 4 WAVE

Protected Station's Contour = 62.66143 dBu
 Translator's or LPFM's full Interference contour 102.66143

Review Azimuth = 60 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 = 75.0 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	816.3916	816.3916	129.000
05.00	0.843	1.0	0.1778	688.4902	685.8703	068.994
10.00	0.503	1.0	0.0633	410.6450	404.4064	057.692
15.00	0.134	1.0	0.0045	109.3965	105.6689	100.686
20.00	0.132	1.0	0.0043	107.5304	101.0455	092.222
25.00	0.242	1.0	0.0146	197.3949	178.9005	045.577
30.00	0.192	1.0	0.0092	156.7472	135.7470	050.626
35.00	0.037	1.0	0.0003	030.3645	024.8731	111.584
40.00	0.116	1.0	0.0033	094.3819	072.3008	068.332
45.00	0.183	1.0	0.0084	149.5811	105.7698	023.230
50.00	0.17	1.0	0.0072	139.0133	089.3561	022.510
55.00	0.102	1.0	0.0026	082.9579	047.5827	061.045
60.00	0.026	1.0	0.0002	020.9750	010.4875	110.835
65.00	0.03	1.0	0.0002	024.6402	010.4134	106.668
70.00	0.062	1.0	0.0010	050.8270	017.3838	081.238
75.00	0.071	1.0	0.0013	057.9638	015.0021	073.011
80.00	0.06	1.0	0.0009	049.2012	008.5437	080.546
85.00	0.037	1.0	0.0003	030.3698	002.6469	098.746
90.00	0.017	1.0	0.0001	013.8787	000.0000	115.121