

W292DU Tuscaloosa, Alabama
 Translator 74.1204(d) Showing
 Translator Maximum Licensed ERP = 0.25
 Translator Antenna Height AG = 126 Meters
 W292DU Antenna Model = PSI 3/4 wave 4 bay

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

Review Azimuth = 0 Degrees True
 Horizontal Relative Field at Review Azimuth = 1.000
 Horizontal Translator ERP at Review Azimuth = 0.25 kW
 Distance between stations = 75.0
 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	126.000
05.00	0.894	1.0	0.1998	729.8540	727.0767	062.389
10.00	0.617	1.0	0.0952	503.7136	496.0610	038.531
15.00	0.288	1.0	0.0208	235.2114	227.1968	065.123
20.00	0.027	1.0	0.0002	022.0426	020.7132	118.461
25.00	0.201	1.0	0.0101	164.0947	148.7203	056.651
30.00	0.234	1.0	0.0137	191.0356	165.4417	030.482
35.00	0.161	1.0	0.0065	131.4390	107.6686	050.610
40.00	0.043	1.0	0.0005	035.1048	026.8919	103.435
45.00	0.052	1.0	0.0007	042.7585	030.2348	095.765
50.00	0.133	1.0	0.0044	108.5801	069.7939	042.823
55.00	0.152	1.0	0.0058	124.0915	071.1760	024.350
60.00	0.127	1.0	0.0040	103.6817	051.8409	036.209
65.00	0.092	1.0	0.0021	075.1080	031.7420	057.929
70.00	0.057	1.0	0.0008	046.5343	015.9157	082.272
75.00	0.033	1.0	0.0003	026.5327	006.8672	100.371
80.00	0.008	1.0	0.0000	006.5311	001.1341	119.568
85.00	0.005	1.0	0.0000	003.6738	000.3202	122.340
90.00	0.001	1.0	0.0000	000.8164	000.0000	125.184