

W245BR Tuscaloosa, AL

74.1204(d) Showing

Translator or LPFM Maximum Licensed ERP = 0.205

Translator or LPFM Antenna Height AG = 147 Meters

W245BR Antenna Model = BEXTL-4 34 WAVE - Revised MMS

Protected Station's Contour = 63.6657 dBu

Translator's or LPFM's full Interference contour 103.6657

Review Azimuth = 0 Degrees True

Relative Field on the horizon at Review Azimuth = 1.000

Translator/LPFM ERP on the horizon at Review Azimuth = 0.205 kW

Distance between stations = 66.9 km

Protected Station= WMJJ, 100 kW, 494 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	0.2050	658.5548	658.5548	147.000
05.00	0.892	1.0	0.1632	587.5342	585.2984	095.793
10.00	0.631	1.0	0.0816	415.5481	409.2350	074.841

15.00	0.301	1.0	0.0186	198.2250	191.4706	095.696
20.00	0.023	1.0	0.0001	015.1468	014.2333	141.820
25.00	0.211	1.0	0.0091	139.1100	126.0765	088.210
30.00	0.257	1.0	0.0135	169.2486	146.5736	062.376
35.00	0.184	1.0	0.0070	121.4711	099.5033	077.327
40.00	0.053	1.0	0.0006	035.0971	026.8859	124.440
45.00	0.053	1.0	0.0006	035.1765	024.8735	122.126
50.00	0.142	1.0	0.0042	093.8039	060.2960	075.142
55.00	0.156	1.0	0.0050	102.9740	059.0635	062.649
60.00	0.13	1.0	0.0035	085.8458	042.9229	072.655
65.00	0.089	1.0	0.0016	058.7710	024.8377	093.735
70.00	0.048	1.0	0.0005	031.4975	010.7728	117.402
75.00	0.027	1.0	0.0001	017.7217	004.5867	129.882
80.00	0.006	1.0	0.0000	004.2213	000.7330	142.843
85.00	0.003	1.0	0.0000	002.0152	000.1756	144.992
90.00	0.0	1.0	0.0000	000.0395	000.0000	146.960

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