

XField.out

W223BX Mobile, Alabama

74.1204(d) Showing

Translator or LPFM Maximum Licensed ERP = 0.25

Translator or LPFM Antenna Height AG = 105 Meters

W223BX Antenna Model = TFC2K HALF WAVE 2 BAY

Protected Station's Contour = 75.62978 dBu

Translator's or LPFM's full Interference contour 115.62978

Review Azimuth = 220 Degrees True

Relative Field on the horizon at Review Azimuth = 0.998

Translator/LPFM ERP on the horizon at Review Azimuth = 0.249 kW

Distance between stations = 50.0 km

Protected Station= WBLX-F, 100 kW, 553.4 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	0.2495	183.2510	183.2510	105.000
05.00	0.925	1.0	0.2136	169.5682	168.9230	090.221
10.00	0.763	1.0	0.1453	139.8455	137.7209	080.716
15.00	0.561	1.0	0.0785	102.8038	099.3008	078.392
20.00	0.361	1.0	0.0326	066.1994	062.2071	082.358
25.00	0.173	1.0	0.0075	031.6854	028.7167	091.609
30.00	0.002	1.0	0.0000	000.3665	000.3174	104.817
35.00	0.121	1.0	0.0037	022.1734	018.1634	092.282
40.00	0.194	1.0	0.0094	035.5049	027.1983	082.178
45.00	0.202	1.0	0.0102	036.9938	026.1586	078.841
50.00	0.169	1.0	0.0071	030.9694	019.9068	081.276
55.00	0.123	1.0	0.0037	022.4482	012.8758	086.611
60.00	0.079	1.0	0.0016	014.4768	007.2384	092.463
65.00	0.047	1.0	0.0006	008.6883	003.6718	097.126
70.00	0.024	1.0	0.0001	004.4802	001.5323	100.790
75.00	0.011	1.0	0.0000	002.0616	000.5336	103.009
80.00	0.003	1.0	0.0000	000.5759	000.1000	104.433
85.00	0.001	1.0	0.0000	000.0932	000.0081	104.907
90.00	0.0	1.0	0.0000	000.0183	000.0000	104.982

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