

XField.out

W267CZ Tuscaloosa, AL

74.1204(d) Showing

Translator or LPFM Maximum Licensed ERP = 0.099

Translator or LPFM Antenna Height AG = 128 Meters

W267CZ Antenna Model = BEXT TFC2K 2 BAY HALF WAVE

Protected Station's Contour = 70.18086 dBu

Translator's or LPFM's full Interference contour 110.18086

Review Azimuth = 0 Degrees True

Relative Field on the horizon at Review Azimuth = 1.000

Translator/LPFM ERP on the horizon at Review Azimuth = 0.099 kW

Distance between stations = 33.3 km

Protected Station= WQRR, 22.5 kW, 309 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	0.0990	216.1596	216.1596	128.000
05.00	0.987	1.0	0.0964	213.3496	212.5377	109.405
10.00	0.964	1.0	0.0920	208.3779	205.2122	091.816
15.00	0.919	1.0	0.0835	198.5426	191.7774	076.613
20.00	0.848	1.0	0.0712	183.2931	172.2392	065.310
25.00	0.761	1.0	0.0574	164.5695	149.1506	058.450
30.00	0.671	1.0	0.0446	145.0431	125.6110	055.478
35.00	0.572	1.0	0.0324	123.6433	101.2827	057.081
40.00	0.466	1.0	0.0215	100.7304	077.1640	063.252
45.00	0.358	1.0	0.0127	077.4572	054.7705	073.229
50.00	0.256	1.0	0.0065	055.3299	035.5654	085.615
55.00	0.171	1.0	0.0029	036.9523	021.1950	097.730
60.00	0.103	1.0	0.0011	022.2644	011.1322	108.718
65.00	0.056	1.0	0.0003	012.1049	005.1158	117.029
70.00	0.026	1.0	0.0001	005.6202	001.9222	122.719
75.00	0.01	1.0	0.0000	002.1616	000.5595	125.912
80.00	0.003	1.0	0.0000	000.6485	000.1126	127.361
85.00	0.0	1.0	0.0000	000.0216	000.0019	127.978
90.00	0.0	1.0	0.0000	000.0216	000.0000	127.978

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