

XField.out

W267CZ Tuscaloosa, AL

74.1204(d) Showing

Translator or LPFM Maximum Licensed ERP = 0.099

Translator or LPFM Antenna Height AG = 136 Meters

W267CZ Antenna Model = TFC2K 4 Bay half wave

Protected Station's Contour = 75.69299 dBu

Translator's or LPFM's full Interference contour 115.69299

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 = 6.4 km

Protected Station= W265CG, .25 kW, 267 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	114.5956	114.5956	136.000
05.00	0.94	1.0	0.0875	107.7199	107.3100	126.612
10.00	0.789	1.0	0.0617	090.4680	089.0936	120.290
15.00	0.592	1.0	0.0347	067.8406	065.5290	118.442
20.00	0.381	1.0	0.0144	043.6714	041.0377	121.064
25.00	0.179	1.0	0.0032	020.5647	018.6380	127.309
30.00	0.005	1.0	0.0000	000.5730	000.4962	135.714
35.00	0.12	1.0	0.0014	013.7515	011.2646	128.112
40.00	0.186	1.0	0.0034	021.3329	016.3419	122.287
45.00	0.199	1.0	0.0039	022.7759	016.1050	119.895
50.00	0.172	1.0	0.0029	019.7487	012.6942	120.872
55.00	0.13	1.0	0.0017	014.9046	008.5489	123.791
60.00	0.087	1.0	0.0007	009.9698	004.9849	127.366
65.00	0.052	1.0	0.0003	005.9629	002.5200	130.596
70.00	0.027	1.0	0.0001	003.0869	001.0558	133.099
75.00	0.012	1.0	0.0000	001.3751	000.3559	134.672
80.00	0.004	1.0	0.0000	000.4748	000.0824	135.532
85.00	0.001	1.0	0.0000	000.1146	000.0100	135.886
90.00	0.0	1.0	0.0000	000.0115	000.0000	135.989

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