

XField.out

1763565 Jasper, AL
 74.1204(d) Showing
 Translator or LPFM Maximum Licensed ERP = 0.25
 Translator or LPFM Antenna Height AG = 182 Meters
 1763565 Antenna Model = BEXT TFC2K VERT 2 BAY 3-4 WAVE

Protected Station's Contour = 65.12914 dBu
 Translator's or LPFM's full Interference contour 105.12914

Review Azimuth = 138 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kW
 Distance between stations = 59.6 km
 Protected Station= WQEN, 100 kW, 466 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	614.4874	614.4874	182.000
05.00	0.95	1.0	0.2256	583.7631	581.5417	131.122
10.00	0.836	1.0	0.1747	513.7115	505.9071	092.795
15.00	0.694	1.0	0.1204	426.4543	411.9232	071.626
20.00	0.545	1.0	0.0743	334.8957	314.6990	067.459
25.00	0.388	1.0	0.0376	238.4211	216.0829	081.239
30.00	0.216	1.0	0.0117	132.7293	114.9469	115.635
35.00	0.034	1.0	0.0003	020.8926	017.1142	170.017
40.00	0.122	1.0	0.0037	074.9675	057.4284	133.812
45.00	0.234	1.0	0.0137	143.7901	101.6749	080.325
50.00	0.292	1.0	0.0213	179.4303	115.3356	044.548
55.00	0.304	1.0	0.0231	186.8042	107.1465	028.979
60.00	0.285	1.0	0.0203	175.1289	087.5645	030.334
65.00	0.25	1.0	0.0156	153.6219	064.9234	042.771
70.00	0.209	1.0	0.0109	128.3194	043.8878	061.419
75.00	0.165	1.0	0.0068	101.3904	026.2418	084.064
80.00	0.116	1.0	0.0034	071.2685	012.3756	111.814
85.00	0.074	1.0	0.0014	045.1648	003.9364	137.007
90.00	0.074	1.0	0.0014	045.1648	000.0000	136.835

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