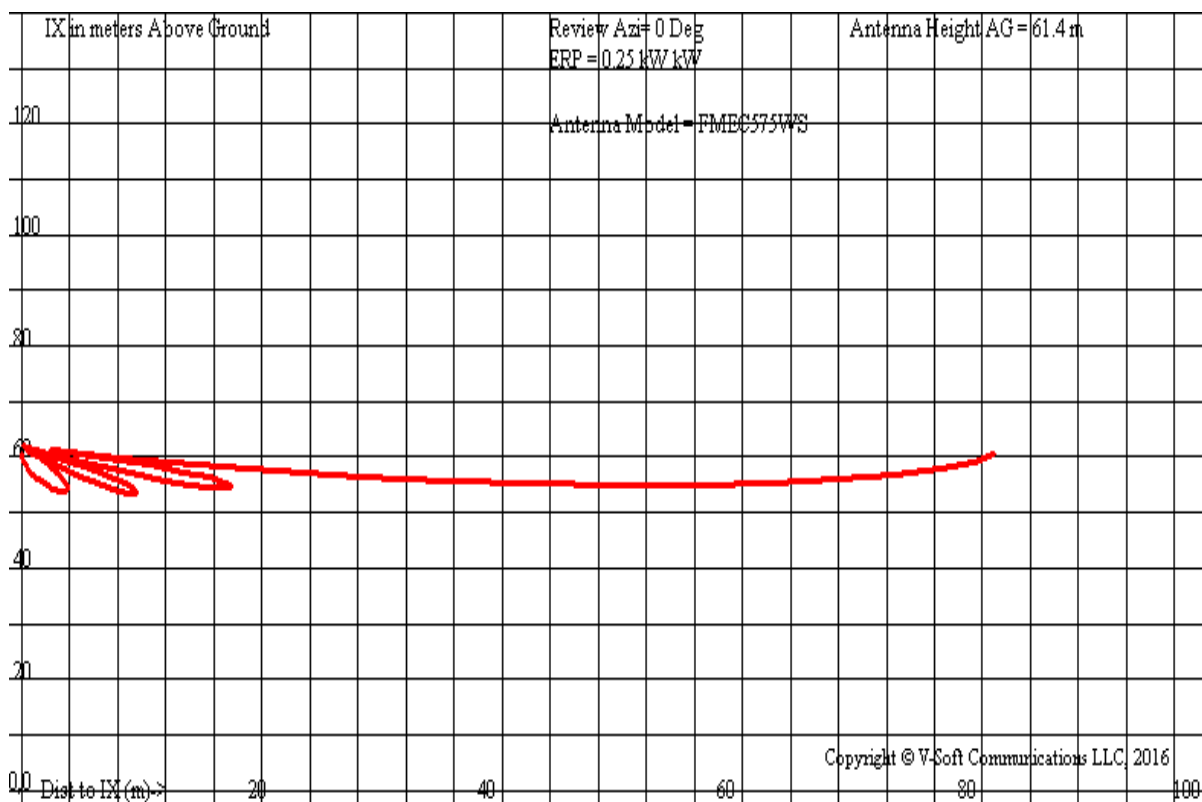


FOR WJBT, CHANNEL 227C1, CALLAHAN, FLORIDA

XField (C) 2016, V-Soft Communications LLC



BNPFT-20180129AFP ORANGE PARK, FLORIDA, Showing Protection to WJBT
 74.1204(d) Study - Using NGDC 30 SEC Terrain Database
 Translator or LPFM Maximum Licensed ERP = 0.25
 Translator or LPFM Antenna Height AG = 61.4 Meters
 BNPFT-20180129AFP Antenna Model = FMEC575WS

Protected Station's Contour = 82.49447 dBu
 Translator's or LPFM's full Interference contour 122.49447

Review Azimuth = 0 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kW
 Distance between stations = 27.4 km
 Protected Station= WJBT, 98 kW, 308 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)
00.0	1.0	1.0	0.2500	083.2236	083.2236	061.400
05.0	0.836	1.0	0.1749	069.6026	069.3377	055.334
10.0	0.441	1.0	0.0486	036.6993	036.1418	055.027
15.0	0.031	1.0	0.0002	002.6008	002.5122	060.727
20.0	0.203	1.0	0.0103	016.9242	015.9036	055.612
25.0	0.211	1.0	0.0111	017.5211	015.8795	053.995
30.0	0.073	1.0	0.0013	006.0632	005.2508	058.368
35.0	0.078	1.0	0.0015	006.5183	005.3395	057.661
40.0	0.152	1.0	0.0058	012.6435	009.6855	053.273
45.0	0.131	1.0	0.0043	010.9418	007.7370	053.663
50.0	0.054	1.0	0.0007	004.5216	002.9064	057.936
55.0	0.029	1.0	0.0002	002.4512	001.4059	059.392
60.0	0.087	1.0	0.0019	007.2045	003.6022	055.161
65.0	0.108	1.0	0.0029	008.9888	003.7988	053.253
70.0	0.102	1.0	0.0026	008.4600	002.8935	053.450
75.0	0.081	1.0	0.0016	006.7470	001.7463	054.883
80.0	0.058	1.0	0.0008	004.7887	000.8316	056.684
85.0	0.037	1.0	0.0003	003.0728	000.2678	058.339
90.0	0.020	1.0	0.0001	001.6645	000.0000	059.736