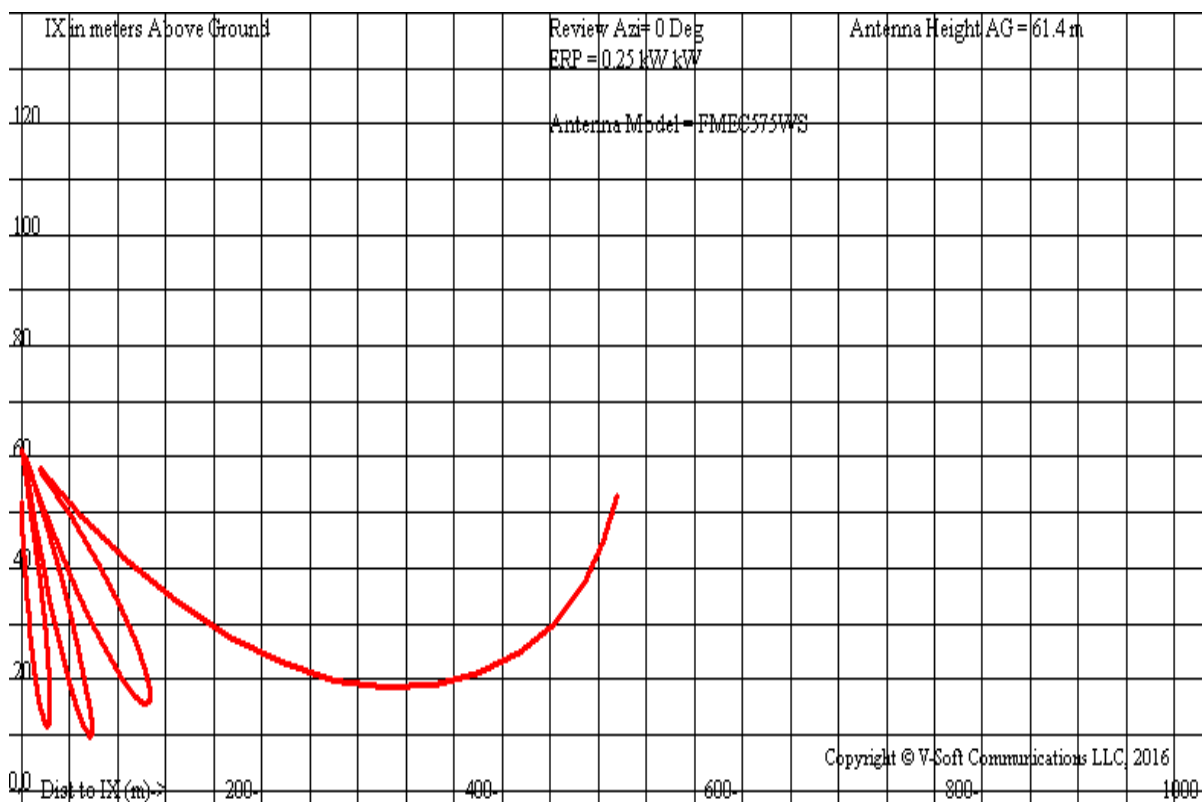


FOR WJXR, CHANNEL 221C3, MACCLENNY, FLORIDA

XField (C) 2016, V-Soft Communications LLC



BNPFT-20180129AFP , , Showing Protection to WJXR
 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 = FMDC575WS

Protected Station's Contour = 66.76862 dBu
 Translator's or LPFM's full Interference contour 106.76862

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 = 28.4 km
 Protected Station= WJXR, 25 kW, 126 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	508.7905	508.7905	061.400
01.0	0.993	1.0	0.2466	505.2865	505.2095	052.582
02.0	0.973	1.0	0.2365	494.8628	494.5614	044.130
03.0	0.939	1.0	0.2205	477.7825	477.1277	036.395
04.0	0.893	1.0	0.1995	454.4740	453.3669	029.697
05.0	0.836	1.0	0.1749	425.5181	423.8988	024.314
06.0	0.770	1.0	0.1481	391.6290	389.4836	020.464
07.0	0.695	1.0	0.1208	353.6323	350.9963	018.303
08.0	0.614	1.0	0.0943	312.4387	309.3980	017.917
09.0	0.529	1.0	0.0699	269.0165	265.7045	019.317
10.0	0.441	1.0	0.0486	224.3625	220.9539	022.440
11.0	0.353	1.0	0.0311	179.4724	176.1750	027.155
12.0	0.266	1.0	0.0177	135.3126	132.3557	033.267
13.0	0.182	1.0	0.0083	92.7935	90.4152	040.526
14.0	0.104	1.0	0.0027	52.7459	51.1791	048.640
15.0	0.031	1.0	0.0002	15.8999	15.3582	057.285
16.0	0.034	1.0	0.0003	017.1308	016.4672	056.678
17.0	0.090	1.0	0.0020	045.8617	043.8578	047.991
18.0	0.137	1.0	0.0047	069.9445	066.5211	039.786
19.0	0.175	1.0	0.0077	089.1701	084.3120	032.369
20.0	0.203	1.0	0.0103	103.4670	097.2272	026.012
21.0	0.222	1.0	0.0123	112.8955	105.3970	020.942
22.0	0.231	1.0	0.0134	117.6378	109.0718	017.332
23.0	0.232	1.0	0.0134	117.9855	108.6062	015.299
24.0	0.225	1.0	0.0126	114.3240	104.4402	014.900
25.0	0.211	1.0	0.0111	107.1156	097.0797	016.131
26.0	0.190	1.0	0.0091	096.8805	087.0756	018.930
27.0	0.165	1.0	0.0068	084.1782	075.0034	023.184

28.0	0.137	1.0	0.0047	069.5891	061.4435	028.730
29.0	0.106	1.0	0.0028	053.6958	046.9634	035.368
30.0	0.073	1.0	0.0013	037.0673	032.1012	042.866
31.0	0.040	1.0	0.0004	020.2437	017.3523	050.974
32.0	0.007	1.0	0.0000	003.7238	003.1579	059.427
33.0	0.024	1.0	0.0001	012.0457	010.1024	054.839
34.0	0.052	1.0	0.0007	026.6777	022.1168	046.482
35.0	0.078	1.0	0.0015	039.8500	032.6432	038.543
36.0	0.101	1.0	0.0025	051.3089	041.5098	031.241
37.0	0.120	1.0	0.0036	060.8692	048.6123	024.768
38.0	0.134	1.0	0.0045	068.4131	053.9103	019.281
39.0	0.145	1.0	0.0053	073.8870	057.4210	014.901
40.0	0.152	1.0	0.0058	077.2964	059.2125	011.715
41.0	0.155	1.0	0.0060	078.7001	059.3957	009.768
42.0	0.154	1.0	0.0059	078.2031	058.1162	009.072
43.0	0.149	1.0	0.0056	075.9493	055.5458	009.603
44.0	0.142	1.0	0.0050	072.1133	051.8740	011.306
45.0	0.131	1.0	0.0043	066.8931	047.3005	014.099
46.0	0.119	1.0	0.0035	060.5017	042.0280	017.879
47.0	0.104	1.0	0.0027	053.1606	036.2554	022.521
48.0	0.089	1.0	0.0020	045.0928	030.1730	027.890
49.0	0.072	1.0	0.0013	036.5172	023.9574	033.840
50.0	0.054	1.0	0.0007	027.6431	017.7687	040.224
51.0	0.037	1.0	0.0003	018.6666	011.7472	046.893
52.0	0.019	1.0	0.0001	009.7664	006.0128	053.704
53.0	0.002	1.0	0.0000	001.1024	000.6634	060.520
54.0	0.014	1.0	0.0000	007.1871	004.2244	055.586
55.0	0.029	1.0	0.0002	014.9853	008.5952	049.125
56.0	0.044	1.0	0.0005	022.1978	012.4129	042.997
57.0	0.057	1.0	0.0008	028.7522	015.6596	037.286
58.0	0.068	1.0	0.0012	034.5965	018.3334	032.060
59.0	0.078	1.0	0.0015	039.6988	020.4464	027.371
60.0	0.087	1.0	0.0019	044.0450	022.0225	023.256
61.0	0.094	1.0	0.0022	047.6369	023.0948	019.736
62.0	0.099	1.0	0.0025	050.4908	023.7040	016.819
63.0	0.103	1.0	0.0027	052.6348	023.8957	014.502
64.0	0.106	1.0	0.0028	054.1070	023.7190	012.769
65.0	0.108	1.0	0.0029	054.9533	023.2243	011.595
66.0	0.109	1.0	0.0029	055.2256	022.4623	010.949
67.0	0.108	1.0	0.0029	054.9799	021.4823	010.791
68.0	0.107	1.0	0.0028	054.2743	020.3315	011.078
69.0	0.104	1.0	0.0027	053.1682	019.0538	011.763
70.0	0.102	1.0	0.0026	051.7203	017.6894	012.799
71.0	0.098	1.0	0.0024	049.9876	016.2744	014.136
72.0	0.094	1.0	0.0022	048.0249	014.8405	015.726
73.0	0.090	1.0	0.0020	045.8833	013.4150	017.522
74.0	0.086	1.0	0.0018	043.6101	012.0206	019.479
75.0	0.081	1.0	0.0016	041.2482	010.6758	021.557
76.0	0.076	1.0	0.0015	038.8360	009.3953	023.718
77.0	0.072	1.0	0.0013	036.4066	008.1897	025.926
78.0	0.067	1.0	0.0011	033.9886	007.0666	028.154
79.0	0.062	1.0	0.0010	031.6055	006.0306	030.375
80.0	0.058	1.0	0.0008	029.2760	005.0837	032.569
81.0	0.053	1.0	0.0007	027.0144	004.2260	034.718
82.0	0.049	1.0	0.0006	024.8306	003.4557	036.811
83.0	0.045	1.0	0.0005	022.7303	002.7701	038.839
84.0	0.041	1.0	0.0004	020.7156	002.1654	040.798
85.0	0.037	1.0	0.0003	018.7856	001.6373	042.686
86.0	0.033	1.0	0.0003	016.9358	001.1814	044.505
87.0	0.030	1.0	0.0002	015.1597	000.7934	046.261
88.0	0.026	1.0	0.0002	013.4483	000.4693	047.960
89.0	0.023	1.0	0.0001	011.7910	000.2058	049.611
90.0	0.020	1.0	0.0001	010.1758	000.0000	051.224