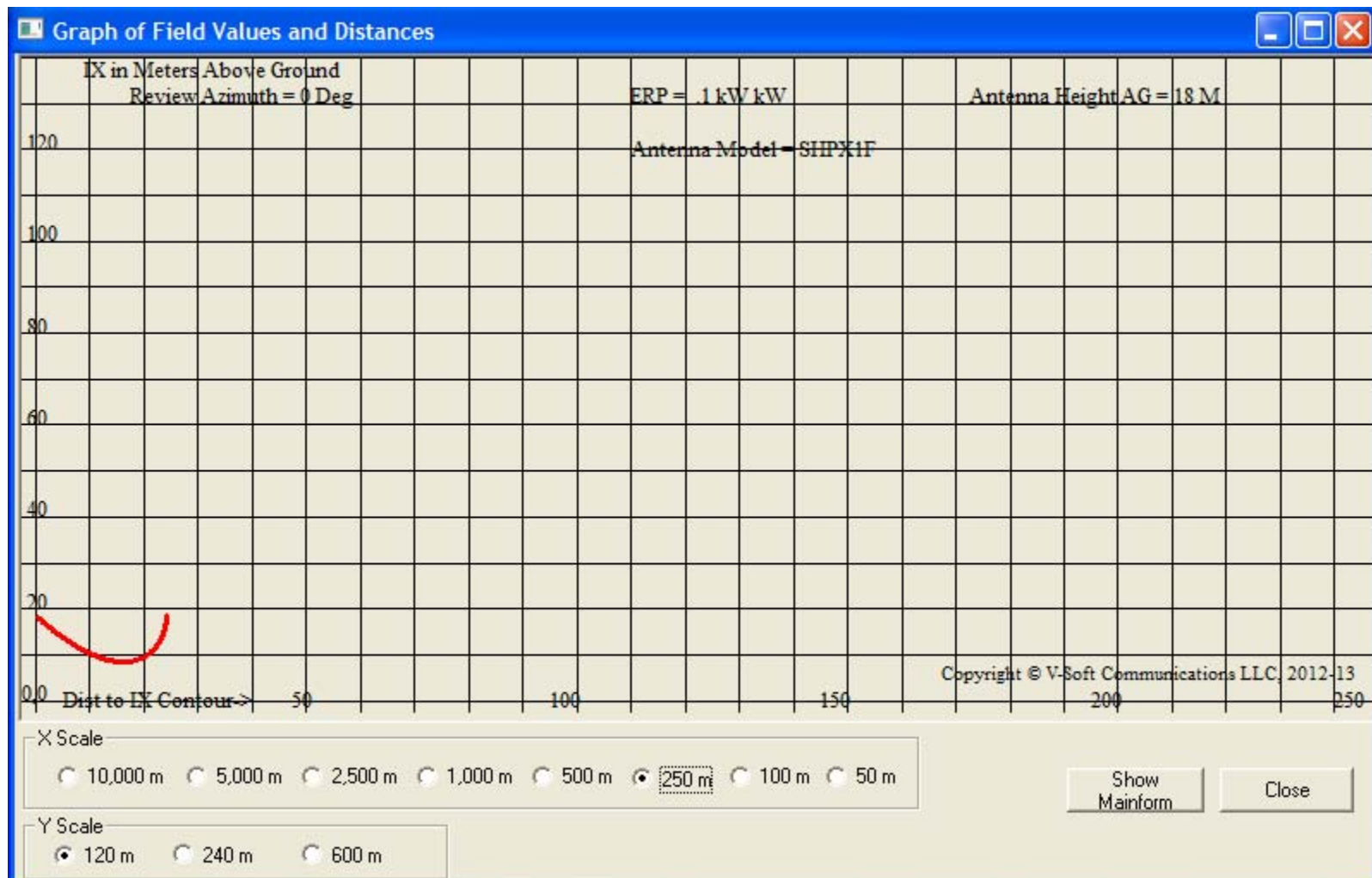


Technical Exhibit  
ALBANY, GA 267L

The instant application seeks a waiver of the second adjacent minimum distance separation requirement of 47 C.F.R. Section 73.807. The proposed facility will not interfere with any authorized radio service, specifically, WQVE.

Below is a graphic and tabular output showing the interfering 129 dB F(50,10) contour of the proposed facility, with respect to WQVE, which does not reach ground level. The proposed antenna for the facility will be mounted in the church bell tower. The interfering contour will penetrate into the ceiling space of the church only. There are no other tall buildings within this contour.



1577228 Albany, GA  
 74.1204(d) Showing  
 LPFM Maximum Licensed ERP = 0.1  
 LPFM Antenna Height AG = 18 Meters  
 1577228 Antenna Model = SHPX1F

Protected Station's Contour = 89.07229 dBu  
 LPFM's full Interference contour 129.07229

Review Azimuth = 0 Degrees True  
 Relative Field on the horizon at Review Azimuth = 1.000  
 LPFM ERP on the horizon at Review Azimuth = 0.1 kW  
 Distance between stations = 5.4 km  
 Protected Station= WQVE, 6 kW, 158 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw) Contour Along Dep. Angle(m)	Dist to IX Along Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.1000	024.6823	024.6823	018.000
01.00	1.0	1.0	0.1000	024.6823	024.6785	017.569
02.00	0.999	1.0	0.0998	024.6576	024.6426	017.139
03.00	0.998	1.0	0.0996	024.6329	024.5992	016.711
04.00	0.996	1.0	0.0992	024.5836	024.5237	016.285
05.00	0.993	1.0	0.0986	024.5095	024.4162	015.864
06.00	0.99	1.0	0.0980	024.4355	024.3016	015.446
07.00	0.987	1.0	0.0974	024.3614	024.1798	015.031
08.00	0.983	1.0	0.0966	024.2627	024.0266	014.623
09.00	0.979	1.0	0.0958	024.1640	023.8665	014.220
10.00	0.974	1.0	0.0949	024.0406	023.6753	013.825
11.00	0.968	1.0	0.0937	023.8925	023.4535	013.441
12.00	0.962	1.0	0.0925	023.7444	023.2255	013.063
13.00	0.956	1.0	0.0914	023.5963	022.9915	012.692
14.00	0.949	1.0	0.0901	023.4235	022.7277	012.333
15.00	0.941	1.0	0.0885	023.2260	022.4346	011.989
16.00	0.933	1.0	0.0870	023.0286	022.1365	011.652
17.00	0.925	1.0	0.0856	022.8311	021.8335	011.325

18.00	0.916	1.0	0.0839	022.6090	021.5024	011.013
19.00	0.907	1.0	0.0823	022.3868	021.1672	010.712
20.00	0.897	1.0	0.0805	022.1400	020.8048	010.428
21.00	0.887	1.0	0.0787	021.8932	020.4391	010.154
22.00	0.877	1.0	0.0769	021.6464	020.0702	009.891
23.00	0.866	1.0	0.0750	021.3749	019.6757	009.648
24.00	0.855	1.0	0.0731	021.1034	019.2789	009.416
25.00	0.843	1.0	0.0711	020.8072	018.8577	009.207
26.00	0.831	1.0	0.0691	020.5110	018.4352	009.009
27.00	0.819	1.0	0.0671	020.2148	018.0115	008.823
28.00	0.806	1.0	0.0650	019.8939	017.5653	008.660
29.00	0.793	1.0	0.0629	019.5731	017.1190	008.511
30.00	0.78	1.0	0.0608	019.2522	016.6729	008.374
31.00	0.766	1.0	0.0587	018.9066	016.2061	008.262
32.00	0.752	1.0	0.0566	018.5611	015.7407	008.164
33.00	0.738	1.0	0.0545	018.2155	015.2768	008.079
34.00	0.723	1.0	0.0523	017.8453	014.7944	008.021
35.00	0.709	1.0	0.0503	017.4997	014.3350	007.963
36.00	0.694	1.0	0.0482	017.1295	013.8581	007.932
37.00	0.679	1.0	0.0461	016.7593	013.3846	007.914
38.00	0.664	1.0	0.0441	016.3890	012.9147	007.910
39.00	0.648	1.0	0.0420	015.9941	012.4298	007.935
40.00	0.633	1.0	0.0401	015.6239	011.9686	007.957
41.00	0.617	1.0	0.0381	015.2290	011.4935	008.009
42.00	0.601	1.0	0.0361	014.8341	011.0239	008.074
43.00	0.586	1.0	0.0343	014.4638	010.5782	008.136
44.00	0.57	1.0	0.0325	014.0689	010.1203	008.227
45.00	0.554	1.0	0.0307	013.6740	009.6690	008.331
46.00	0.537	1.0	0.0288	013.2544	009.2073	008.466
47.00	0.521	1.0	0.0271	012.8595	008.7701	008.595
48.00	0.505	1.0	0.0255	012.4646	008.3404	008.737
49.00	0.489	1.0	0.0239	012.0696	007.9184	008.891
50.00	0.473	1.0	0.0224	011.6747	007.5044	009.057
51.00	0.457	1.0	0.0209	011.2798	007.0986	009.234
52.00	0.441	1.0	0.0194	010.8849	006.7014	009.423
53.00	0.425	1.0	0.0181	010.4900	006.3130	009.622
54.00	0.409	1.0	0.0167	010.0951	005.9337	009.833
55.00	0.394	1.0	0.0155	009.7248	005.5779	010.034
56.00	0.378	1.0	0.0143	009.3299	005.2172	010.265

57.00	0.362	1.0	0.0131	008.9350	004.8663	010.506
58.00	0.347	1.0	0.0120	008.5648	004.5386	010.737
59.00	0.332	1.0	0.0110	008.1945	004.2205	010.976
60.00	0.317	1.0	0.0100	007.8243	003.9121	011.224
61.00	0.302	1.0	0.0091	007.4541	003.6138	011.481
62.00	0.288	1.0	0.0083	007.1085	003.3372	011.724
63.00	0.273	1.0	0.0075	006.7383	003.0591	011.996
64.00	0.259	1.0	0.0067	006.3927	002.8024	012.254
65.00	0.245	1.0	0.0060	006.0472	002.5556	012.519
66.00	0.232	1.0	0.0054	005.7263	002.3291	012.769
67.00	0.219	1.0	0.0048	005.4054	002.1121	013.024
68.00	0.206	1.0	0.0042	005.0846	001.9047	013.286
69.00	0.193	1.0	0.0037	004.7637	001.7072	013.553
70.00	0.181	1.0	0.0033	004.4675	001.5280	013.802
71.00	0.169	1.0	0.0029	004.1713	001.3580	014.056
72.00	0.157	1.0	0.0025	003.8751	001.1975	014.315
73.00	0.146	1.0	0.0021	003.6036	001.0536	014.554
74.00	0.135	1.0	0.0018	003.3321	000.9185	014.797
75.00	0.124	1.0	0.0015	003.0606	000.7921	015.044
76.00	0.114	1.0	0.0013	002.8138	000.6807	015.270
77.00	0.104	1.0	0.0011	002.5670	000.5774	015.499
78.00	0.095	1.0	0.0009	002.3448	000.4875	015.706
79.00	0.086	1.0	0.0007	002.1227	000.4050	015.916
80.00	0.077	1.0	0.0006	001.9005	000.3300	016.128
81.00	0.069	1.0	0.0005	001.7031	000.2664	016.318
82.00	0.061	1.0	0.0004	001.5056	000.2095	016.509
83.00	0.054	1.0	0.0003	001.3328	000.1624	016.677
84.00	0.047	1.0	0.0002	001.1601	000.1213	016.846
85.00	0.041	1.0	0.0002	001.0120	000.0882	016.992
86.00	0.035	1.0	0.0001	000.8639	000.0603	017.138
87.00	0.029	1.0	0.0001	000.7158	000.0375	017.285
88.00	0.024	1.0	0.0001	000.5924	000.0207	017.408
89.00	0.02	1.0	0.0000	000.4936	000.0086	017.506
90.00	0.016	1.0	0.0000	000.3949	000.0000	017.605