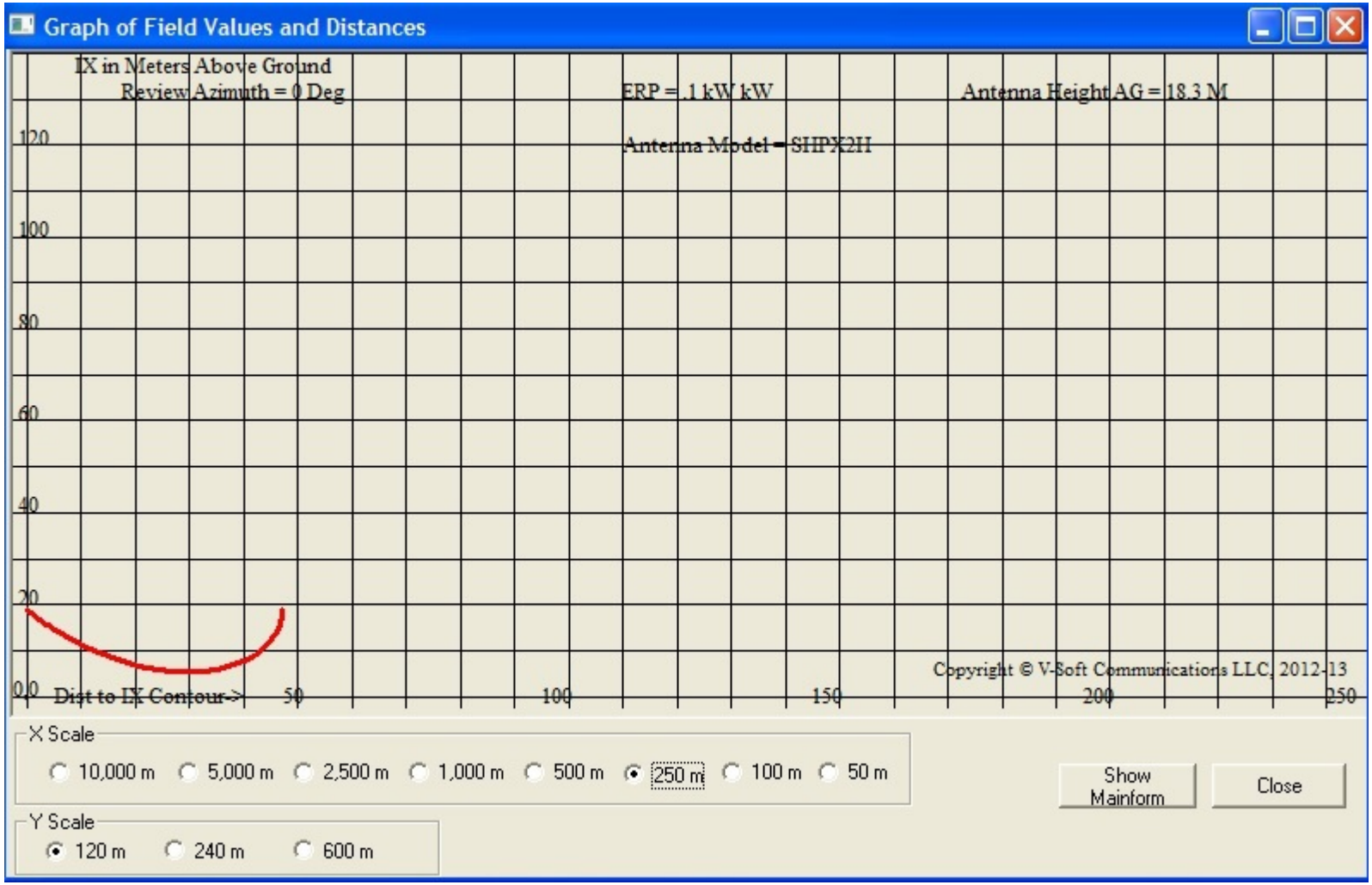
Technical Exhibit
SPARTANBURG, SC 253L

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, WSPA-FM – LIC & CP, & WHZT CP.

Below is a graphic and tabular output showing the interfering 123 dB F(50,10) contour of the proposed facility, with respect to WSPA-FM's licensed facility, which does not reach ground level. The antenna will be mounted to a pole attached to the chimney atop the applicant's building. The closest building not belonging to the applicant is 50m away. The interfering contour does not reach this building.



1576708 Spartanburg, SC
74.1204(d) Showing
LPFM Maximum Licensed ERP = 0.1
LPFM Antenna Height AG = 18.3 Meters
1576708 Antenna Model = SHPX2H

Protected Station's Contour = 83.28261 dBu
LPFM's full Interference contour 123.28261

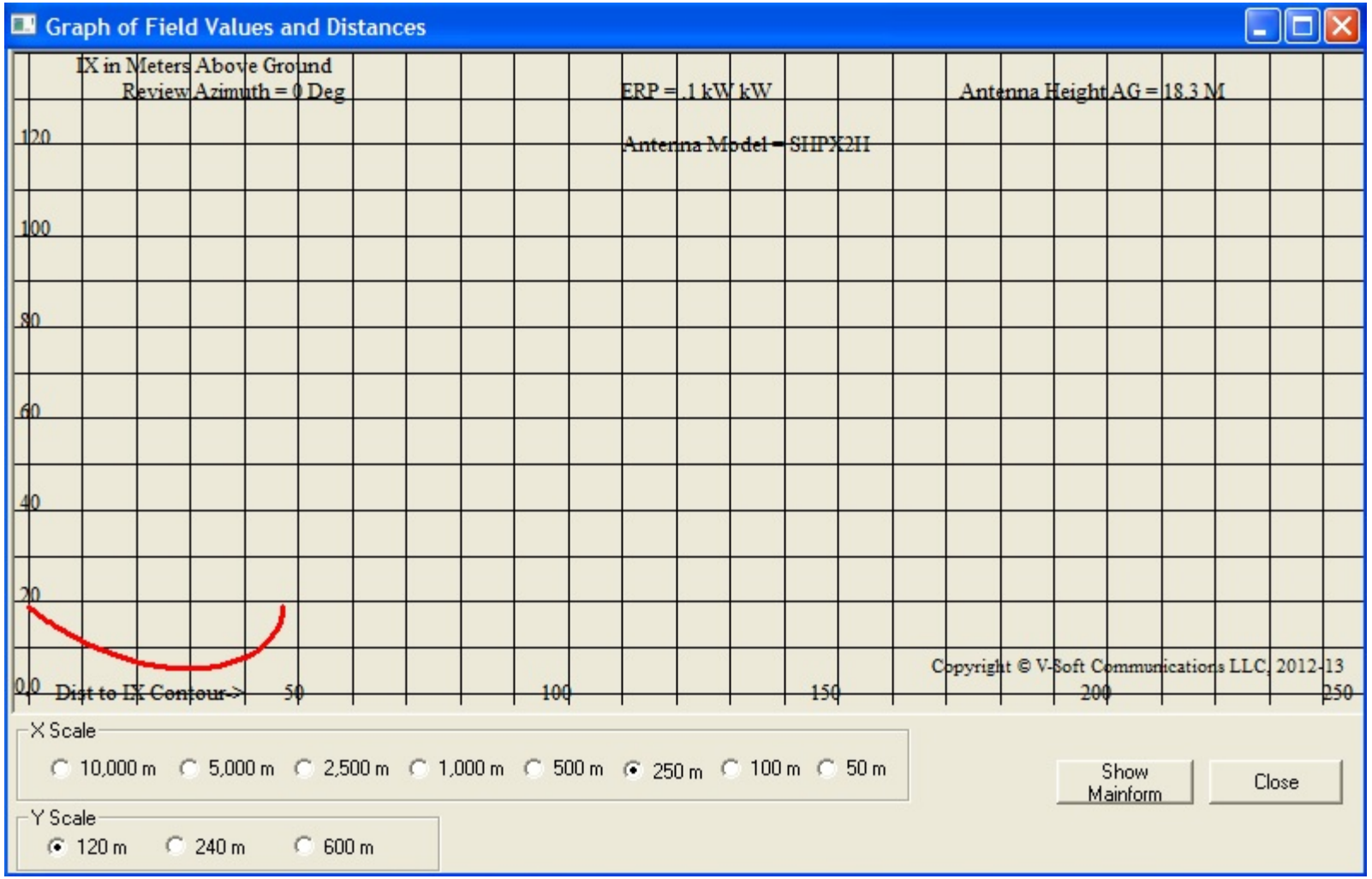
Review Azimuth = 0 Degrees True
Relative Field on the horizon at Review Azimuth = 1.000
LPFM ERP on the horizon at Review Azimuth = 0.1 kW
Distance between stations = 41.2 km
Protected Station= WSPA-F, 100 kW, 1016 M Meters COR AMSL

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	0.1000	048.0695	048.0695	018.300
01.00	0.999	1.0	0.0998	048.0214	048.0141	017.462
02.00	0.997	1.0	0.0994	047.9253	047.8961	016.627
03.00	0.994	1.0	0.0988	047.7811	047.7156	015.799
04.00	0.99	1.0	0.0980	047.5888	047.4729	014.980
05.00	0.984	1.0	0.0968	047.3004	047.1204	014.178
06.00	0.977	1.0	0.0955	046.9639	046.7066	013.391
07.00	0.969	1.0	0.0939	046.5793	046.2321	012.623
08.00	0.96	1.0	0.0922	046.1467	045.6976	011.878
09.00	0.949	1.0	0.0901	045.6179	045.0563	011.164
10.00	0.938	1.0	0.0880	045.0892	044.4042	010.470
11.00	0.925	1.0	0.0856	044.4643	043.6473	009.816
12.00	0.912	1.0	0.0832	043.8394	042.8814	009.185
13.00	0.897	1.0	0.0805	043.1183	042.0132	008.600
14.00	0.882	1.0	0.0778	042.3973	041.1379	008.043
15.00	0.865	1.0	0.0748	041.5801	040.1633	007.538
16.00	0.848	1.0	0.0719	040.7629	039.1838	007.064
17.00	0.83	1.0	0.0689	039.8977	038.1543	006.635

18.00	0.811	1.0	0.0658	038.9844	037.0763	006.253
19.00	0.792	1.0	0.0627	038.0710	035.9969	005.905
20.00	0.772	1.0	0.0596	037.1096	034.8717	005.608
21.00	0.751	1.0	0.0564	036.1002	033.7024	005.363
22.00	0.73	1.0	0.0533	035.0907	032.5356	005.155
23.00	0.709	1.0	0.0503	034.0813	031.3720	004.983
24.00	0.687	1.0	0.0472	033.0237	030.1687	004.868
25.00	0.665	1.0	0.0442	031.9662	028.9712	004.790
26.00	0.643	1.0	0.0413	030.9087	027.7805	004.751
27.00	0.621	1.0	0.0386	029.8512	026.5976	004.748
28.00	0.598	1.0	0.0358	028.7456	025.3808	004.805
29.00	0.576	1.0	0.0332	027.6880	024.2165	004.877
30.00	0.553	1.0	0.0306	026.5824	023.0211	005.009
31.00	0.53	1.0	0.0281	025.4768	021.8379	005.178
32.00	0.508	1.0	0.0258	024.4193	020.7087	005.360
33.00	0.486	1.0	0.0236	023.3618	019.5928	005.576
34.00	0.464	1.0	0.0215	022.3042	018.4911	005.828
35.00	0.442	1.0	0.0195	021.2467	017.4043	006.113
36.00	0.421	1.0	0.0177	020.2373	016.3723	006.405
37.00	0.4	1.0	0.0160	019.2278	015.3560	006.728
38.00	0.379	1.0	0.0144	018.2183	014.3562	007.084
39.00	0.359	1.0	0.0129	017.2569	013.4112	007.440
40.00	0.339	1.0	0.0115	016.2956	012.4831	007.825
41.00	0.32	1.0	0.0102	015.3822	011.6091	008.208
42.00	0.301	1.0	0.0091	014.4689	010.7525	008.618
43.00	0.283	1.0	0.0080	013.6037	009.9491	009.022
44.00	0.265	1.0	0.0070	012.7384	009.1632	009.451
45.00	0.248	1.0	0.0062	011.9212	008.4296	009.870
46.00	0.232	1.0	0.0054	011.1521	007.7469	010.278
47.00	0.216	1.0	0.0047	010.3830	007.0812	010.706
48.00	0.201	1.0	0.0040	009.6620	006.4651	011.120
49.00	0.186	1.0	0.0035	008.9409	005.8658	011.552
50.00	0.172	1.0	0.0030	008.2680	005.3145	011.966
51.00	0.159	1.0	0.0025	007.6430	004.8099	012.360
52.00	0.146	1.0	0.0021	007.0181	004.3208	012.770
53.00	0.134	1.0	0.0018	006.4413	003.8765	013.156
54.00	0.123	1.0	0.0015	005.9125	003.4753	013.517
55.00	0.112	1.0	0.0013	005.3838	003.0880	013.890
56.00	0.102	1.0	0.0010	004.9031	002.7418	014.235

57.00	0.093	1.0	0.0009	004.4705	002.4348	014.551
58.00	0.084	1.0	0.0007	004.0378	002.1397	014.876
59.00	0.076	1.0	0.0006	003.6533	001.8816	015.169
60.00	0.068	1.0	0.0005	003.2687	001.6344	015.469
61.00	0.061	1.0	0.0004	002.9322	001.4216	015.735
62.00	0.054	1.0	0.0003	002.5958	001.2186	016.008
63.00	0.048	1.0	0.0002	002.3073	001.0475	016.244
64.00	0.042	1.0	0.0002	002.0189	000.8850	016.485
65.00	0.037	1.0	0.0001	001.7786	000.7517	016.688
66.00	0.033	1.0	0.0001	001.5863	000.6452	016.851
67.00	0.028	1.0	0.0001	001.3459	000.5259	017.061
68.00	0.025	1.0	0.0001	001.2017	000.4502	017.186
69.00	0.021	1.0	0.0000	001.0095	000.3618	017.358
70.00	0.018	1.0	0.0000	000.8653	000.2959	017.487
71.00	0.015	1.0	0.0000	000.7210	000.2347	017.618
72.00	0.013	1.0	0.0000	000.6249	000.1931	017.706
73.00	0.011	1.0	0.0000	000.5288	000.1546	017.794
74.00	0.009	1.0	0.0000	000.4326	000.1192	017.884
75.00	0.007	1.0	0.0000	000.3365	000.0871	017.975
76.00	0.006	1.0	0.0000	000.2884	000.0698	018.020
77.00	0.005	1.0	0.0000	000.2403	000.0541	018.066
78.00	0.004	1.0	0.0000	000.1923	000.0400	018.112
79.00	0.003	1.0	0.0000	000.1442	000.0275	018.158
80.00	0.002	1.0	0.0000	000.0961	000.0167	018.205
81.00	0.002	1.0	0.0000	000.0961	000.0150	018.205
82.00	0.001	1.0	0.0000	000.0481	000.0067	018.252
83.00	0.001	1.0	0.0000	000.0481	000.0059	018.252
84.00	0.001	1.0	0.0000	000.0481	000.0050	018.252
85.00	0.001	1.0	0.0000	000.0481	000.0042	018.252
86.00	0.0	1.0	0.0000	000.0048	000.0003	018.295
87.00	0.0	1.0	0.0000	000.0048	000.0003	018.295
88.00	0.0	1.0	0.0000	000.0048	000.0002	018.295
89.00	0.0	1.0	0.0000	000.0048	000.0001	018.295
90.00	0.0	1.0	0.0000	000.0048	000.0000	018.295

Below is a graphic and tabular output showing the interfering 123 dB F(50,10) contour of the proposed facility, with respect to WSPA-FM's construction permit, which does not reach ground level. The antenna will be mounted atop a pole attached to the chimney of the applicant's building. The closest building not belonging to the applicant is 50m away. The interfering contour does not reach this building.



1576708 Spartanburg, SC
74.1204(d) Showing
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1576708 Antenna Model = SHPX2H

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LPFM's full Interference contour 123.28261

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LPFM ERP on the horizon at Review Azimuth = 0.1 kW
Distance between stations = 41.2 km
Protected Station= WSPA-F, 100 kW, 1016 M Meters COR AMSL

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08.00	0.96	1.0	0.0922	046.1467	045.6976	011.878
09.00	0.949	1.0	0.0901	045.6179	045.0563	011.164
10.00	0.938	1.0	0.0880	045.0892	044.4042	010.470
11.00	0.925	1.0	0.0856	044.4643	043.6473	009.816
12.00	0.912	1.0	0.0832	043.8394	042.8814	009.185
13.00	0.897	1.0	0.0805	043.1183	042.0132	008.600
14.00	0.882	1.0	0.0778	042.3973	041.1379	008.043
15.00	0.865	1.0	0.0748	041.5801	040.1633	007.538
16.00	0.848	1.0	0.0719	040.7629	039.1838	007.064
17.00	0.83	1.0	0.0689	039.8977	038.1543	006.635
18.00	0.811	1.0	0.0658	038.9844	037.0763	006.253

19.00	0.792	1.0	0.0627	038.0710	035.9969	005.905
20.00	0.772	1.0	0.0596	037.1096	034.8717	005.608
21.00	0.751	1.0	0.0564	036.1002	033.7024	005.363
22.00	0.73	1.0	0.0533	035.0907	032.5356	005.155
23.00	0.709	1.0	0.0503	034.0813	031.3720	004.983
24.00	0.687	1.0	0.0472	033.0237	030.1687	004.868
25.00	0.665	1.0	0.0442	031.9662	028.9712	004.790
26.00	0.643	1.0	0.0413	030.9087	027.7805	004.751
27.00	0.621	1.0	0.0386	029.8512	026.5976	004.748
28.00	0.598	1.0	0.0358	028.7456	025.3808	004.805
29.00	0.576	1.0	0.0332	027.6880	024.2165	004.877
30.00	0.553	1.0	0.0306	026.5824	023.0211	005.009
31.00	0.53	1.0	0.0281	025.4768	021.8379	005.178
32.00	0.508	1.0	0.0258	024.4193	020.7087	005.360
33.00	0.486	1.0	0.0236	023.3618	019.5928	005.576
34.00	0.464	1.0	0.0215	022.3042	018.4911	005.828
35.00	0.442	1.0	0.0195	021.2467	017.4043	006.113
36.00	0.421	1.0	0.0177	020.2373	016.3723	006.405
37.00	0.4	1.0	0.0160	019.2278	015.3560	006.728
38.00	0.379	1.0	0.0144	018.2183	014.3562	007.084
39.00	0.359	1.0	0.0129	017.2569	013.4112	007.440
40.00	0.339	1.0	0.0115	016.2956	012.4831	007.825
41.00	0.32	1.0	0.0102	015.3822	011.6091	008.208
42.00	0.301	1.0	0.0091	014.4689	010.7525	008.618
43.00	0.283	1.0	0.0080	013.6037	009.9491	009.022
44.00	0.265	1.0	0.0070	012.7384	009.1632	009.451
45.00	0.248	1.0	0.0062	011.9212	008.4296	009.870
46.00	0.232	1.0	0.0054	011.1521	007.7469	010.278
47.00	0.216	1.0	0.0047	010.3830	007.0812	010.706
48.00	0.201	1.0	0.0040	009.6620	006.4651	011.120
49.00	0.186	1.0	0.0035	008.9409	005.8658	011.552
50.00	0.172	1.0	0.0030	008.2680	005.3145	011.966
51.00	0.159	1.0	0.0025	007.6430	004.8099	012.360
52.00	0.146	1.0	0.0021	007.0181	004.3208	012.770
53.00	0.134	1.0	0.0018	006.4413	003.8765	013.156
54.00	0.123	1.0	0.0015	005.9125	003.4753	013.517
55.00	0.112	1.0	0.0013	005.3838	003.0880	013.890
56.00	0.102	1.0	0.0010	004.9031	002.7418	014.235
57.00	0.093	1.0	0.0009	004.4705	002.4348	014.551

58.00	0.084	1.0	0.0007	004.0378	002.1397	014.876
59.00	0.076	1.0	0.0006	003.6533	001.8816	015.169
60.00	0.068	1.0	0.0005	003.2687	001.6344	015.469
61.00	0.061	1.0	0.0004	002.9322	001.4216	015.735
62.00	0.054	1.0	0.0003	002.5958	001.2186	016.008
63.00	0.048	1.0	0.0002	002.3073	001.0475	016.244
64.00	0.042	1.0	0.0002	002.0189	000.8850	016.485
65.00	0.037	1.0	0.0001	001.7786	000.7517	016.688
66.00	0.033	1.0	0.0001	001.5863	000.6452	016.851
67.00	0.028	1.0	0.0001	001.3459	000.5259	017.061
68.00	0.025	1.0	0.0001	001.2017	000.4502	017.186
69.00	0.021	1.0	0.0000	001.0095	000.3618	017.358
70.00	0.018	1.0	0.0000	000.8653	000.2959	017.487
71.00	0.015	1.0	0.0000	000.7210	000.2347	017.618
72.00	0.013	1.0	0.0000	000.6249	000.1931	017.706
73.00	0.011	1.0	0.0000	000.5288	000.1546	017.794
74.00	0.009	1.0	0.0000	000.4326	000.1192	017.884
75.00	0.007	1.0	0.0000	000.3365	000.0871	017.975
76.00	0.006	1.0	0.0000	000.2884	000.0698	018.020
77.00	0.005	1.0	0.0000	000.2403	000.0541	018.066
78.00	0.004	1.0	0.0000	000.1923	000.0400	018.112
79.00	0.003	1.0	0.0000	000.1442	000.0275	018.158
80.00	0.002	1.0	0.0000	000.0961	000.0167	018.205
81.00	0.002	1.0	0.0000	000.0961	000.0150	018.205
82.00	0.001	1.0	0.0000	000.0481	000.0067	018.252
83.00	0.001	1.0	0.0000	000.0481	000.0059	018.252
84.00	0.001	1.0	0.0000	000.0481	000.0050	018.252
85.00	0.001	1.0	0.0000	000.0481	000.0042	018.252
86.00	0.0	1.0	0.0000	000.0048	000.0003	018.295
87.00	0.0	1.0	0.0000	000.0048	000.0003	018.295
88.00	0.0	1.0	0.0000	000.0048	000.0002	018.295
89.00	0.0	1.0	0.0000	000.0048	000.0001	018.295
90.00	0.0	1.0	0.0000	000.0048	000.0000	018.295

The proposed facility does not interfere with the construction permit for WHZT as the 60 dBu contour of WHZT does not reach the proposed facility. See below.