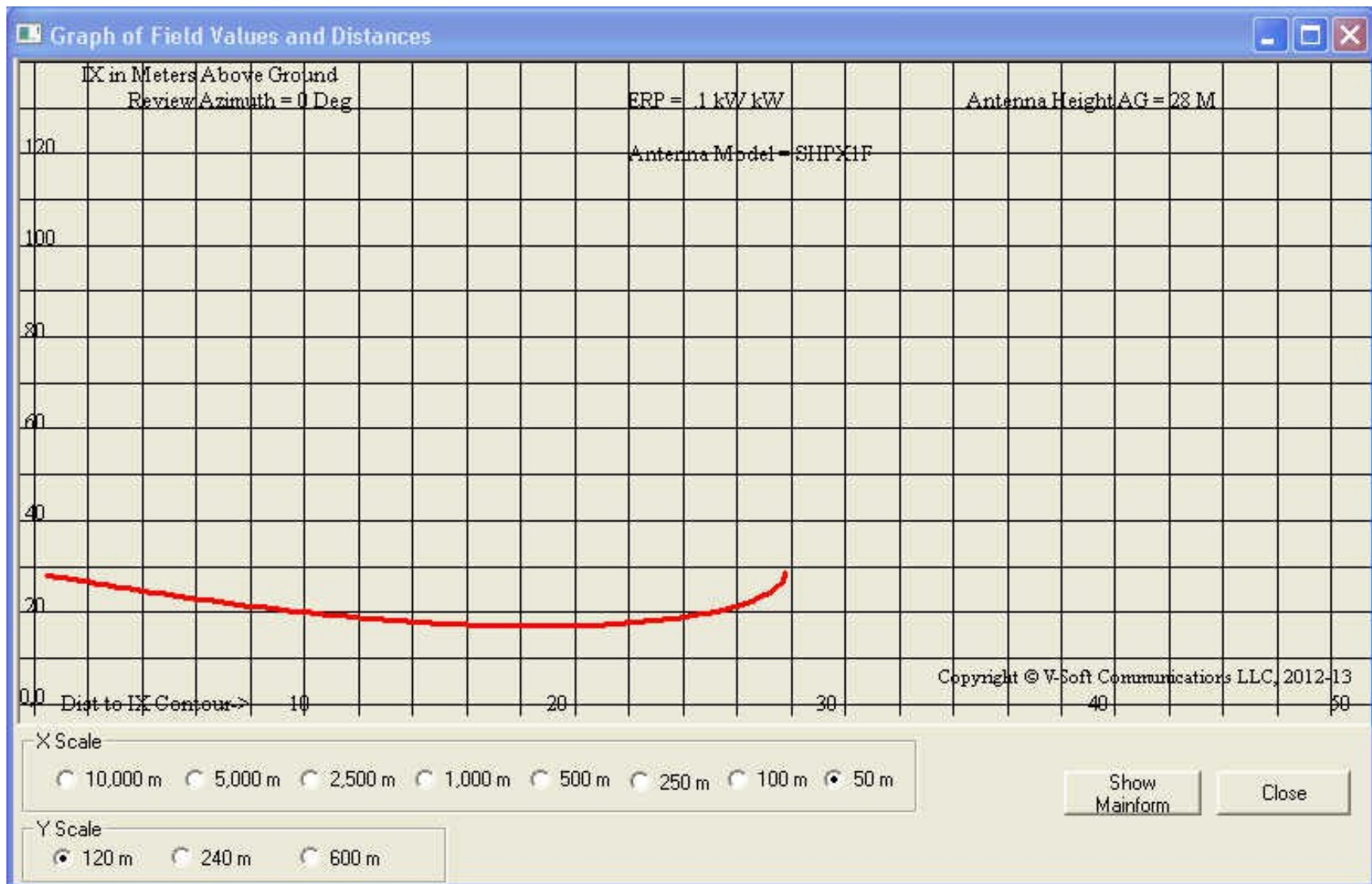


Technical Exhibit
HOUSTON, TX 268L

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, KLOL

Below is a graphic and tabular output showing the interfering 128 dB F(50,10) contour of the proposed facility, with respect to KLOL, which does not reach ground level. There are no tall buildings within this contour.



LPFM HOUSTON, TX

Translator 74.1204(d) Showing

Translator Maximum Licensed ERP = 0.1

Translator Antenna Height AG = 28 Meters

LPFM Antenna Model = SHPX1F

Protected Station's Contour = 87.8654 dBu

Translator's full Interference contour 127.8654

Review Azimuth = 0 Degrees True

Horizontal Relative Field at Review Azimuth = 1.000

Horizontal Translator ERP at Review Azimuth = 0.1 kW

Distance between stations = 28.7

Protected Station= KLOL, 100 kW, 605 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw) Contour Dep.	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	028.3616	028.3616	028.000
01.00	1.0	1.0	0.1000	028.3616	028.3572	027.505
02.00	0.999	1.0	0.0998	028.3332	028.3159	027.011
03.00	0.998	1.0	0.0996	028.3048	028.2660	026.519
04.00	0.996	1.0	0.0992	028.2481	028.1793	026.030
05.00	0.993	1.0	0.0986	028.1630	028.0559	025.545
06.00	0.99	1.0	0.0980	028.0779	027.9241	025.065
07.00	0.987	1.0	0.0974	027.9929	027.7842	024.589
08.00	0.983	1.0	0.0966	027.8794	027.6081	024.120
09.00	0.979	1.0	0.0958	027.7660	027.4241	023.656
10.00	0.974	1.0	0.0949	027.6242	027.2045	023.203
11.00	0.968	1.0	0.0937	027.4540	026.9496	022.762
12.00	0.962	1.0	0.0925	027.2838	026.6876	022.327
13.00	0.956	1.0	0.0914	027.1136	026.4187	021.901
14.00	0.949	1.0	0.0901	026.9151	026.1156	021.489
15.00	0.941	1.0	0.0885	026.6882	025.7788	021.093
16.00	0.933	1.0	0.0870	026.4613	025.4363	020.706
17.00	0.925	1.0	0.0856	026.2344	025.0881	020.330

18.00	0.916	1.0	0.0839	025.9792	024.7077	019.972
19.00	0.907	1.0	0.0823	025.7239	024.3225	019.625
20.00	0.897	1.0	0.0805	025.4403	023.9061	019.299
21.00	0.887	1.0	0.0787	025.1567	023.4858	018.985
22.00	0.877	1.0	0.0769	024.8731	023.0619	018.682
23.00	0.866	1.0	0.0750	024.5611	022.6086	018.403
24.00	0.855	1.0	0.0731	024.2491	022.1527	018.137
25.00	0.843	1.0	0.0711	023.9088	021.6687	017.896
26.00	0.831	1.0	0.0691	023.5684	021.1832	017.668
27.00	0.819	1.0	0.0671	023.2281	020.6964	017.455
28.00	0.806	1.0	0.0650	022.8594	020.1837	017.268
29.00	0.793	1.0	0.0629	022.4907	019.6708	017.096
30.00	0.78	1.0	0.0608	022.1220	019.1582	016.939
31.00	0.766	1.0	0.0587	021.7249	018.6219	016.811
32.00	0.752	1.0	0.0566	021.3279	018.0871	016.698
33.00	0.738	1.0	0.0545	020.9308	017.5541	016.600
34.00	0.723	1.0	0.0523	020.5054	016.9997	016.534
35.00	0.709	1.0	0.0503	020.1083	016.4718	016.466
36.00	0.694	1.0	0.0482	019.6829	015.9238	016.431
37.00	0.679	1.0	0.0461	019.2575	015.3797	016.411
38.00	0.664	1.0	0.0441	018.8321	014.8399	016.406
39.00	0.648	1.0	0.0420	018.3783	014.2826	016.434
40.00	0.633	1.0	0.0401	017.9529	013.7527	016.460
41.00	0.617	1.0	0.0381	017.4991	013.2067	016.520
42.00	0.601	1.0	0.0361	017.0453	012.6671	016.594
43.00	0.586	1.0	0.0343	016.6199	012.1550	016.665
44.00	0.57	1.0	0.0325	016.1661	011.6289	016.770
45.00	0.554	1.0	0.0307	015.7123	011.1103	016.890
46.00	0.537	1.0	0.0288	015.2302	010.5798	017.044
47.00	0.521	1.0	0.0271	014.7764	010.0775	017.193
48.00	0.505	1.0	0.0255	014.3226	009.5837	017.356
49.00	0.489	1.0	0.0239	013.8688	009.0988	017.533
50.00	0.473	1.0	0.0224	013.4150	008.6230	017.724
51.00	0.457	1.0	0.0209	012.9612	008.1568	017.927
52.00	0.441	1.0	0.0194	012.5074	007.7004	018.144
53.00	0.425	1.0	0.0181	012.0537	007.2541	018.374
54.00	0.409	1.0	0.0167	011.5999	006.8182	018.616
55.00	0.394	1.0	0.0155	011.1745	006.4094	018.846
56.00	0.378	1.0	0.0143	010.7207	005.9949	019.112

57.00	0.362	1.0	0.0131	010.2669	005.5917	019.389
58.00	0.347	1.0	0.0120	009.8415	005.2152	019.654
59.00	0.332	1.0	0.0110	009.4160	004.8496	019.929
60.00	0.317	1.0	0.0100	008.9906	004.4953	020.214
61.00	0.302	1.0	0.0091	008.5652	004.1525	020.509
62.00	0.288	1.0	0.0083	008.1681	003.8347	020.788
63.00	0.273	1.0	0.0075	007.7427	003.5151	021.101
64.00	0.259	1.0	0.0067	007.3456	003.2201	021.398
65.00	0.245	1.0	0.0060	006.9486	002.9366	021.702
66.00	0.232	1.0	0.0054	006.5799	002.6763	021.989
67.00	0.219	1.0	0.0048	006.2112	002.4269	022.283
68.00	0.206	1.0	0.0042	005.8425	002.1886	022.583
69.00	0.193	1.0	0.0037	005.4738	001.9616	022.890
70.00	0.181	1.0	0.0033	005.1334	001.7557	023.176
71.00	0.169	1.0	0.0029	004.7931	001.5605	023.468
72.00	0.157	1.0	0.0025	004.4528	001.3760	023.765
73.00	0.146	1.0	0.0021	004.1408	001.2106	024.040
74.00	0.135	1.0	0.0018	003.8288	001.0554	024.320
75.00	0.124	1.0	0.0015	003.5168	000.9102	024.603
76.00	0.114	1.0	0.0013	003.2332	000.7822	024.863
77.00	0.104	1.0	0.0011	002.9496	000.6635	025.126
78.00	0.095	1.0	0.0009	002.6943	000.5602	025.365
79.00	0.086	1.0	0.0007	002.4391	000.4654	025.606
80.00	0.077	1.0	0.0006	002.1838	000.3792	025.849
81.00	0.069	1.0	0.0005	001.9569	000.3061	026.067
82.00	0.061	1.0	0.0004	001.7301	000.2408	026.287
83.00	0.054	1.0	0.0003	001.5315	000.1866	026.480
84.00	0.047	1.0	0.0002	001.3330	000.1393	026.674
85.00	0.041	1.0	0.0002	001.1628	000.1013	026.842
86.00	0.035	1.0	0.0001	000.9927	000.0692	027.010
87.00	0.029	1.0	0.0001	000.8225	000.0430	027.179
88.00	0.024	1.0	0.0001	000.6807	000.0238	027.320
89.00	0.02	1.0	0.0000	000.5672	000.0099	027.433
90.00	0.016	1.0	0.0000	000.4538	000.0000	027.546