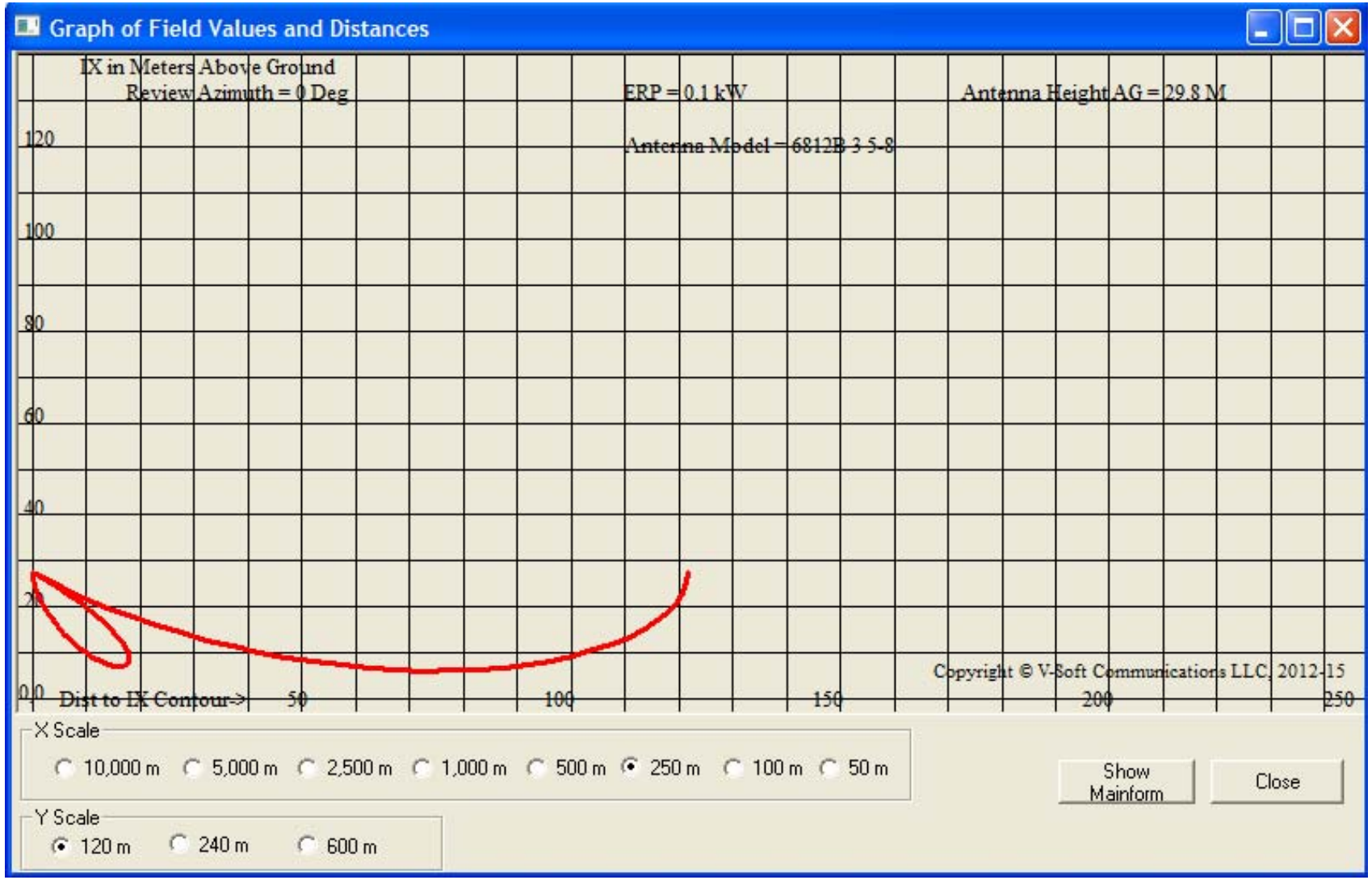
Interference Exhibit
FLORENCE, SC 227L

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, WEGX & WSIM.

Below is a graphic and tabular output showing the interfering 115 dB F(50,10) contour of the proposed facility, in respect to WEGX, which does not reach ground level. There are no tall buildings within this contour.



NEW.A Florence, SC
74.1204(d) Showing
LPFM Maximum Licensed ERP = 0.1
LPFM Antenna Height AG = 29.8 Meters
NEW.A Antenna Model = 6812B 3 5-8

Protected Station's Contour = 75.21724 dBu
LPFM's full Interference contour 115.21724

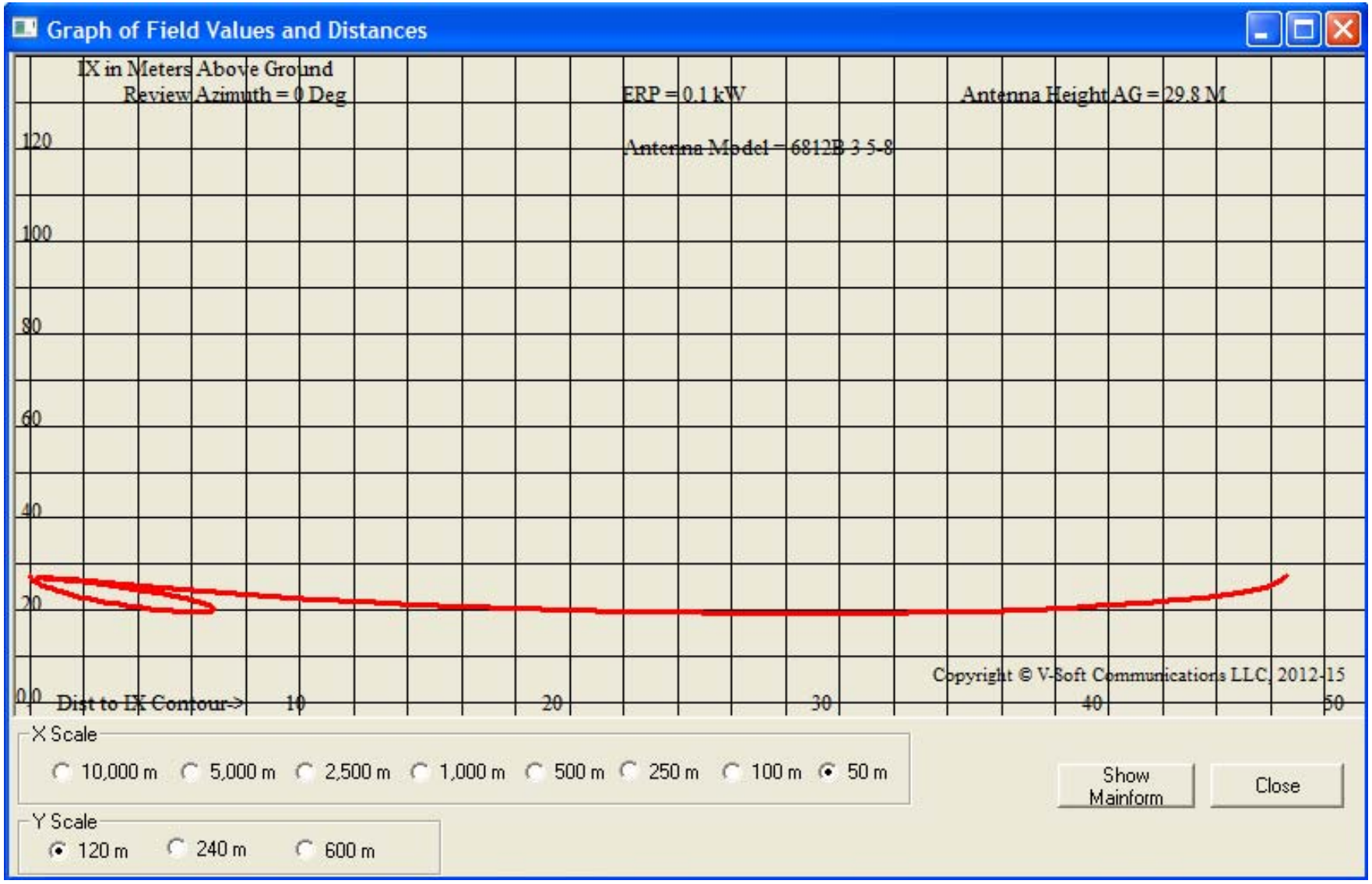
Review Azimuth = 0 Degrees True
Relative Field on the horizon at Review Azimuth = 1.000
LPFM ERP on the horizon at Review Azimuth = 0.1 kW
Distance between stations = 49.9 km
Protected Station= WEGX, 100 kW, 521.2 M Meters COR AMSL

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	121.6573	121.6573	029.800
01.00	0.998	1.0	0.0996	121.4139	121.3954	027.681
02.00	0.993	1.0	0.0986	120.8056	120.7321	025.584
03.00	0.985	1.0	0.0970	119.8324	119.6682	023.528
04.00	0.973	1.0	0.0947	118.3725	118.0842	021.543
05.00	0.958	1.0	0.0918	116.5476	116.1041	019.642
06.00	0.94	1.0	0.0884	114.3578	113.7314	017.846
07.00	0.919	1.0	0.0845	111.8030	110.9697	016.175
08.00	0.895	1.0	0.0801	108.8832	107.8236	014.646
09.00	0.868	1.0	0.0753	105.5985	104.2984	013.281
10.00	0.839	1.0	0.0704	102.0704	100.5198	012.076
11.00	0.807	1.0	0.0651	098.1774	096.3736	011.067
12.00	0.774	1.0	0.0599	094.1627	092.1050	010.222
13.00	0.738	1.0	0.0545	089.7830	087.4819	009.603
14.00	0.701	1.0	0.0491	085.2817	082.7485	009.168
15.00	0.662	1.0	0.0438	080.5371	077.7929	008.955
16.00	0.623	1.0	0.0388	075.7925	072.8564	008.909
17.00	0.582	1.0	0.0339	070.8045	067.7107	009.099
18.00	0.54	1.0	0.0292	065.6949	062.4796	009.499

19.00	0.499	1.0	0.0249	060.7070	057.3996	010.036
20.00	0.456	1.0	0.0208	055.4757	052.1301	010.826
21.00	0.414	1.0	0.0171	050.3661	047.0208	011.750
22.00	0.372	1.0	0.0138	045.2565	041.9611	012.847
23.00	0.331	1.0	0.0110	040.2686	037.0674	014.066
24.00	0.29	1.0	0.0084	035.2806	032.2304	015.450
25.00	0.25	1.0	0.0063	030.4143	027.5647	016.946
26.00	0.211	1.0	0.0045	025.6697	023.0718	018.547
27.00	0.174	1.0	0.0030	021.1684	018.8611	020.190
28.00	0.137	1.0	0.0019	016.6670	014.7161	021.975
29.00	0.102	1.0	0.0010	012.4090	010.8532	023.784
30.00	0.069	1.0	0.0005	008.3944	007.2697	025.603
31.00	0.037	1.0	0.0001	004.5013	003.8584	027.482
32.00	0.007	1.0	0.0000	000.8516	000.7222	029.349
33.00	0.021	1.0	0.0000	002.5548	002.1426	028.409
34.00	0.047	1.0	0.0002	005.7179	004.7403	026.603
35.00	0.071	1.0	0.0005	008.6498	007.0855	024.839
36.00	0.093	1.0	0.0009	011.3141	009.1533	023.150
37.00	0.113	1.0	0.0013	013.7473	010.9791	021.527
38.00	0.131	1.0	0.0017	015.9371	012.5586	019.988
39.00	0.148	1.0	0.0022	018.0053	013.9927	018.469
40.00	0.162	1.0	0.0026	019.7085	015.0976	017.132
41.00	0.175	1.0	0.0031	021.2900	016.0678	015.832
42.00	0.185	1.0	0.0034	022.5066	016.7257	014.740
43.00	0.194	1.0	0.0038	023.6015	017.2610	013.704
44.00	0.202	1.0	0.0041	024.5748	017.6776	012.729
45.00	0.207	1.0	0.0043	025.1831	017.8071	011.993
46.00	0.211	1.0	0.0045	025.6697	017.8317	011.335
47.00	0.214	1.0	0.0046	026.0347	017.7556	010.759
48.00	0.215	1.0	0.0046	026.1563	017.5020	010.362
49.00	0.215	1.0	0.0046	026.1563	017.1601	010.060
50.00	0.214	1.0	0.0046	026.0347	016.7348	009.856
51.00	0.212	1.0	0.0045	025.7913	016.2310	009.756
52.00	0.209	1.0	0.0044	025.4264	015.6540	009.764
53.00	0.205	1.0	0.0042	024.9397	015.0091	009.882
54.00	0.2	1.0	0.0040	024.3315	014.3017	010.115
55.00	0.194	1.0	0.0038	023.6015	013.5373	010.467
56.00	0.188	1.0	0.0035	022.8716	012.7896	010.839
57.00	0.182	1.0	0.0033	022.1416	012.0592	011.230

58.00	0.175	1.0	0.0031	021.2900	011.2820	011.745
59.00	0.168	1.0	0.0028	020.4384	010.5266	012.281
60.00	0.16	1.0	0.0026	019.4652	009.7326	012.943
61.00	0.152	1.0	0.0023	018.4919	008.9651	013.627
62.00	0.145	1.0	0.0021	017.6403	008.2816	014.225
63.00	0.137	1.0	0.0019	016.6670	007.5667	014.950
64.00	0.129	1.0	0.0017	015.6938	006.8797	015.695
65.00	0.121	1.0	0.0015	014.7205	006.2212	016.459
66.00	0.113	1.0	0.0013	013.7473	005.5915	017.241
67.00	0.106	1.0	0.0011	012.8957	005.0387	017.929
68.00	0.099	1.0	0.0010	012.0441	004.5118	018.633
69.00	0.091	1.0	0.0008	011.0708	003.9674	019.465
70.00	0.084	1.0	0.0007	010.2192	003.4952	020.197
71.00	0.078	1.0	0.0006	009.4893	003.0894	020.828
72.00	0.071	1.0	0.0005	008.6377	002.6692	021.585
73.00	0.065	1.0	0.0004	007.9077	002.3120	022.238
74.00	0.06	1.0	0.0004	007.2994	002.0120	022.783
75.00	0.054	1.0	0.0003	006.5695	001.7003	023.454
76.00	0.049	1.0	0.0002	005.9612	001.4421	024.016
77.00	0.044	1.0	0.0002	005.3529	001.2041	024.584
78.00	0.039	1.0	0.0002	004.7446	000.9865	025.159
79.00	0.035	1.0	0.0001	004.2580	000.8125	025.620
80.00	0.031	1.0	0.0001	003.7714	000.6549	026.086
81.00	0.027	1.0	0.0001	003.2847	000.5138	026.556
82.00	0.024	1.0	0.0001	002.9198	000.4064	026.909
83.00	0.02	1.0	0.0000	002.4331	000.2965	027.385
84.00	0.017	1.0	0.0000	002.0682	000.2162	027.743
85.00	0.014	1.0	0.0000	001.7032	000.1484	028.103
86.00	0.011	1.0	0.0000	001.3382	000.0934	028.465
87.00	0.008	1.0	0.0000	000.9733	000.0509	028.828
88.00	0.006	1.0	0.0000	000.7299	000.0255	029.071
89.00	0.003	1.0	0.0000	000.3650	000.0064	029.435
90.00	0.001	1.0	0.0000	000.1217	000.0000	029.678

Below is a graphic and tabular output showing the interfering 123.5 dB F(50,10) contour of the proposed facility, in respect to WSIM, which does not reach ground level. There are no tall buildings within this contour.



NEW.A Florence, SC
74.1204(d) Showing
LPFM Maximum Licensed ERP = 0.1
LPFM Antenna Height AG = 29.8 Meters
NEW.A Antenna Model = 6812B 3 5-8

Protected Station's Contour = 83.5573 dBu
LPFM's full Interference contour 123.5573

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 = 7.6 km
Protected Station= WSIM, 2.8 kW, 189.2 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	046.5731	046.5731	029.800
01.00	0.998	1.0	0.0996	046.4799	046.4729	028.989
02.00	0.993	1.0	0.0986	046.2471	046.2189	028.186
03.00	0.985	1.0	0.0970	045.8745	045.8116	027.399
04.00	0.973	1.0	0.0947	045.3156	045.2052	026.639
05.00	0.958	1.0	0.0918	044.6170	044.4472	025.911
06.00	0.94	1.0	0.0884	043.7787	043.5389	025.224
07.00	0.919	1.0	0.0845	042.8007	042.4816	024.584
08.00	0.895	1.0	0.0801	041.6829	041.2773	023.999
09.00	0.868	1.0	0.0753	040.4254	039.9277	023.476
10.00	0.839	1.0	0.0704	039.0748	038.4812	023.015
11.00	0.807	1.0	0.0651	037.5845	036.8939	022.629
12.00	0.774	1.0	0.0599	036.0476	035.2598	022.305
13.00	0.738	1.0	0.0545	034.3709	033.4900	022.068
14.00	0.701	1.0	0.0491	032.6477	031.6780	021.902
15.00	0.662	1.0	0.0438	030.8314	029.7808	021.820
16.00	0.623	1.0	0.0388	029.0150	027.8910	021.802
17.00	0.582	1.0	0.0339	027.1055	025.9212	021.875
18.00	0.54	1.0	0.0292	025.1495	023.9186	022.028

19.00	0.499	1.0	0.0249	023.2400	021.9738	022.234
20.00	0.456	1.0	0.0208	021.2373	019.9566	022.536
21.00	0.414	1.0	0.0171	019.2813	018.0006	022.890
22.00	0.372	1.0	0.0138	017.3252	016.0636	023.310
23.00	0.331	1.0	0.0110	015.4157	014.1902	023.777
24.00	0.29	1.0	0.0084	013.5062	012.3385	024.307
25.00	0.25	1.0	0.0063	011.6433	010.5524	024.879
26.00	0.211	1.0	0.0045	009.8269	008.8324	025.492
27.00	0.174	1.0	0.0030	008.1037	007.2205	026.121
28.00	0.137	1.0	0.0019	006.3805	005.6337	026.805
29.00	0.102	1.0	0.0010	004.7505	004.1548	027.497
30.00	0.069	1.0	0.0005	003.2135	002.7830	028.193
31.00	0.037	1.0	0.0001	001.7232	001.4771	028.912
32.00	0.007	1.0	0.0000	000.3260	000.2765	029.627
33.00	0.021	1.0	0.0000	000.9780	000.8202	029.267
34.00	0.047	1.0	0.0002	002.1889	001.8147	028.576
35.00	0.071	1.0	0.0005	003.3113	002.7125	027.901
36.00	0.093	1.0	0.0009	004.3313	003.5041	027.254
37.00	0.113	1.0	0.0013	005.2628	004.2030	026.633
38.00	0.131	1.0	0.0017	006.1011	004.8077	026.044
39.00	0.148	1.0	0.0022	006.8928	005.3567	025.462
40.00	0.162	1.0	0.0026	007.5448	005.7797	024.950
41.00	0.175	1.0	0.0031	008.1503	006.1511	024.453
42.00	0.185	1.0	0.0034	008.6160	006.4030	024.035
43.00	0.194	1.0	0.0038	009.0352	006.6079	023.638
44.00	0.202	1.0	0.0041	009.4078	006.7674	023.265
45.00	0.207	1.0	0.0043	009.6406	006.8170	022.983
46.00	0.211	1.0	0.0045	009.8269	006.8264	022.731
47.00	0.214	1.0	0.0046	009.9666	006.7972	022.511
48.00	0.215	1.0	0.0046	010.0132	006.7001	022.359
49.00	0.215	1.0	0.0046	010.0132	006.5693	022.243
50.00	0.214	1.0	0.0046	009.9666	006.4064	022.165
51.00	0.212	1.0	0.0045	009.8735	006.2136	022.127
52.00	0.209	1.0	0.0044	009.7338	005.9927	022.130
53.00	0.205	1.0	0.0042	009.5475	005.7458	022.175
54.00	0.2	1.0	0.0040	009.3146	005.4750	022.264
55.00	0.194	1.0	0.0038	009.0352	005.1824	022.399
56.00	0.188	1.0	0.0035	008.7557	004.8961	022.541
57.00	0.182	1.0	0.0033	008.4763	004.6165	022.691

58.00	0.175	1.0	0.0031	008.1503	004.3190	022.888
59.00	0.168	1.0	0.0028	007.8243	004.0298	023.093
60.00	0.16	1.0	0.0026	007.4517	003.7258	023.347
61.00	0.152	1.0	0.0023	007.0791	003.4320	023.608
62.00	0.145	1.0	0.0021	006.7531	003.1704	023.837
63.00	0.137	1.0	0.0019	006.3805	002.8967	024.115
64.00	0.129	1.0	0.0017	006.0079	002.6337	024.400
65.00	0.121	1.0	0.0015	005.6353	002.3816	024.693
66.00	0.113	1.0	0.0013	005.2628	002.1406	024.992
67.00	0.106	1.0	0.0011	004.9367	001.9289	025.256
68.00	0.099	1.0	0.0010	004.6107	001.7272	025.525
69.00	0.091	1.0	0.0008	004.2382	001.5188	025.843
70.00	0.084	1.0	0.0007	003.9121	001.3380	026.124
71.00	0.078	1.0	0.0006	003.6327	001.1827	026.365
72.00	0.071	1.0	0.0005	003.3067	001.0218	026.655
73.00	0.065	1.0	0.0004	003.0273	000.8851	026.905
74.00	0.06	1.0	0.0004	002.7944	000.7702	027.114
75.00	0.054	1.0	0.0003	002.5149	000.6509	027.371
76.00	0.049	1.0	0.0002	002.2821	000.5521	027.586
77.00	0.044	1.0	0.0002	002.0492	000.4610	027.803
78.00	0.039	1.0	0.0002	001.8164	000.3776	028.023
79.00	0.035	1.0	0.0001	001.6301	000.3110	028.200
80.00	0.031	1.0	0.0001	001.4438	000.2507	028.378
81.00	0.027	1.0	0.0001	001.2575	000.1967	028.558
82.00	0.024	1.0	0.0001	001.1178	000.1556	028.693
83.00	0.02	1.0	0.0000	000.9315	000.1135	028.875
84.00	0.017	1.0	0.0000	000.7917	000.0828	029.013
85.00	0.014	1.0	0.0000	000.6520	000.0568	029.150
86.00	0.011	1.0	0.0000	000.5123	000.0357	029.289
87.00	0.008	1.0	0.0000	000.3726	000.0195	029.428
88.00	0.006	1.0	0.0000	000.2794	000.0098	029.521
89.00	0.003	1.0	0.0000	000.1397	000.0024	029.660
90.00	0.001	1.0	0.0000	000.0466	000.0000	029.753