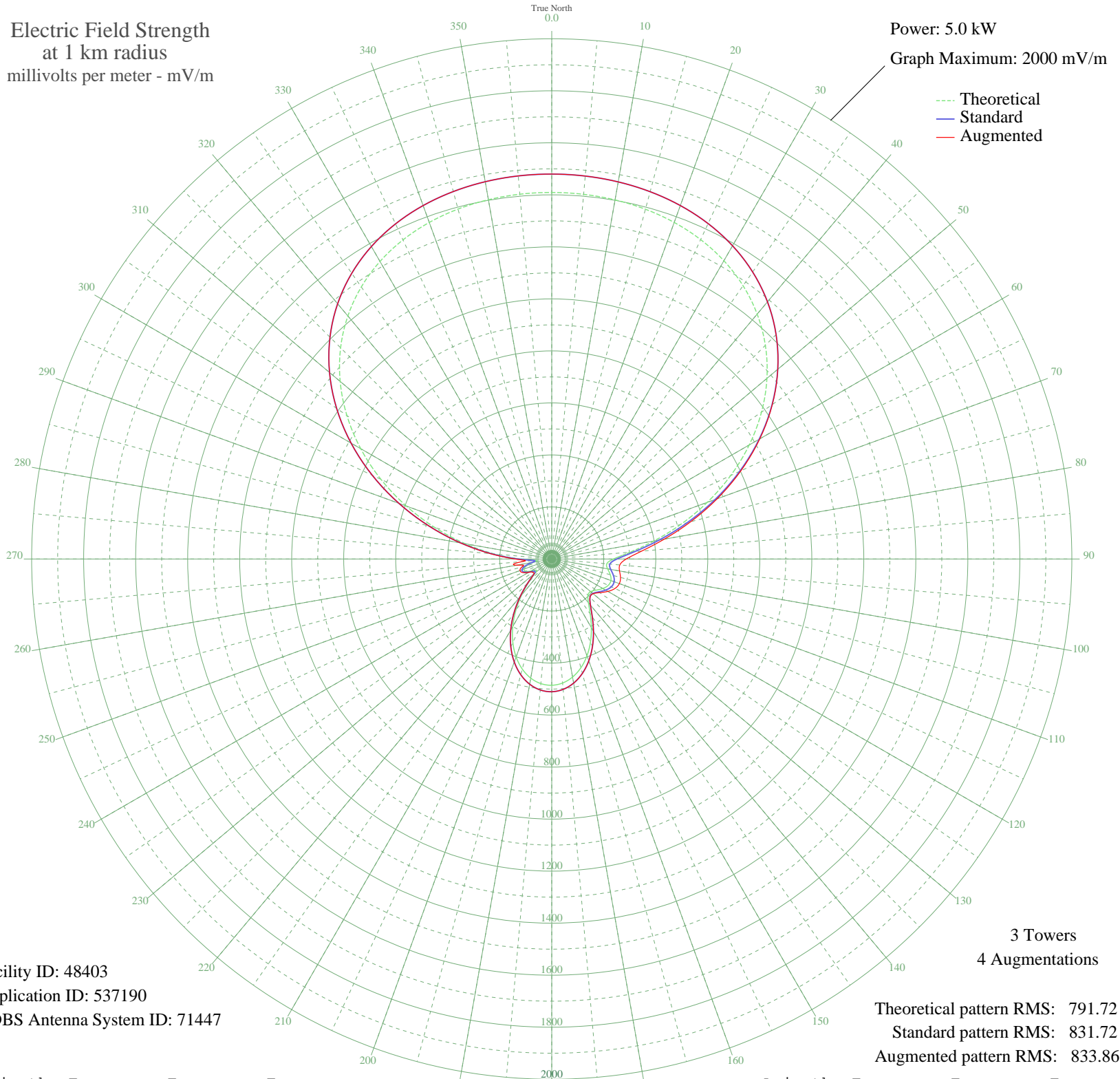


WMKI BOSTON, MA BL-20000929BGG 1260 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 48403  
Application ID: 537190  
CDBS Antenna System ID: 71447

Theoretical pattern RMS: 791.72  
Standard pattern RMS: 831.72  
Augmented pattern RMS: 833.86

Azimuth	Etheo	Estd	Eaug
0	1409.20	1479.84	1479.84
5	1407.28	1477.84	1477.84
10	1401.81	1472.09	1472.09
15	1392.08	1461.87	1461.87
20	1376.94	1445.97	1445.97
25	1354.85	1422.79	1422.79
30	1324.04	1390.44	1390.44
35	1282.66	1347.00	1347.00
40	1228.99	1290.65	1290.65
45	1161.73	1220.05	1220.05
50	1080.25	1134.50	1134.76
55	984.83	1034.33	1035.43
60	876.93	921.07	923.69
65	759.34	797.65	802.64
70	636.30	668.53	676.95
75	513.62	539.81	553.07
80	399.00	419.61	439.47
85	302.67	318.67	346.83
90	237.51	250.48	286.46
95	212.39	224.24	262.72
100	218.07	230.17	264.64
105	233.04	245.82	273.70
110	242.16	255.35	276.65
115	239.81	252.89	268.20
120	226.82	239.32	249.20
125	208.74	220.43	225.50
130	195.12	206.21	207.62
135	196.91	208.09	208.09
140	219.30	231.46	231.46
145	257.95	271.87	271.87
150	304.60	320.69	320.69
155	352.24	370.59	370.59
160	396.07	416.54	416.54
165	432.97	455.22	455.22
170	460.91	484.53	484.53
175	478.64	503.12	503.12

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	485.41	510.22	510.22
185	480.86	505.45	505.45
190	464.97	488.78	488.78
195	438.02	460.52	460.52
200	400.66	421.35	421.35
205	353.98	372.42	372.42
210	299.64	315.49	315.49
215	240.08	253.17	253.17
220	178.87	189.27	189.27
225	121.83	130.06	130.06
230	80.71	87.94	88.75
235	74.07	81.24	89.29
240	93.09	100.53	102.31
245	110.66	118.54	123.15
250	114.09	122.07	130.13
255	99.21	106.79	119.34
260	69.43	76.59	137.22
265	60.52	67.75	113.71
270	122.55	130.80	140.74
275	220.84	233.07	237.01
280	337.24	354.88	356.20
285	464.05	487.82	488.08
290	595.09	625.29	625.29
295	724.77	761.37	761.37
300	848.23	890.95	890.95
305	961.59	1009.94	1009.94
310	1062.12	1115.47	1115.47
315	1148.29	1205.93	1205.93
320	1219.67	1280.86	1280.86
325	1276.78	1340.83	1340.83
330	1320.87	1387.11	1387.11
335	1353.63	1421.50	1421.50
340	1376.94	1445.97	1445.97
345	1392.67	1462.50	1462.50
350	1402.50	1472.81	1472.81
355	1407.72	1478.29	1478.29