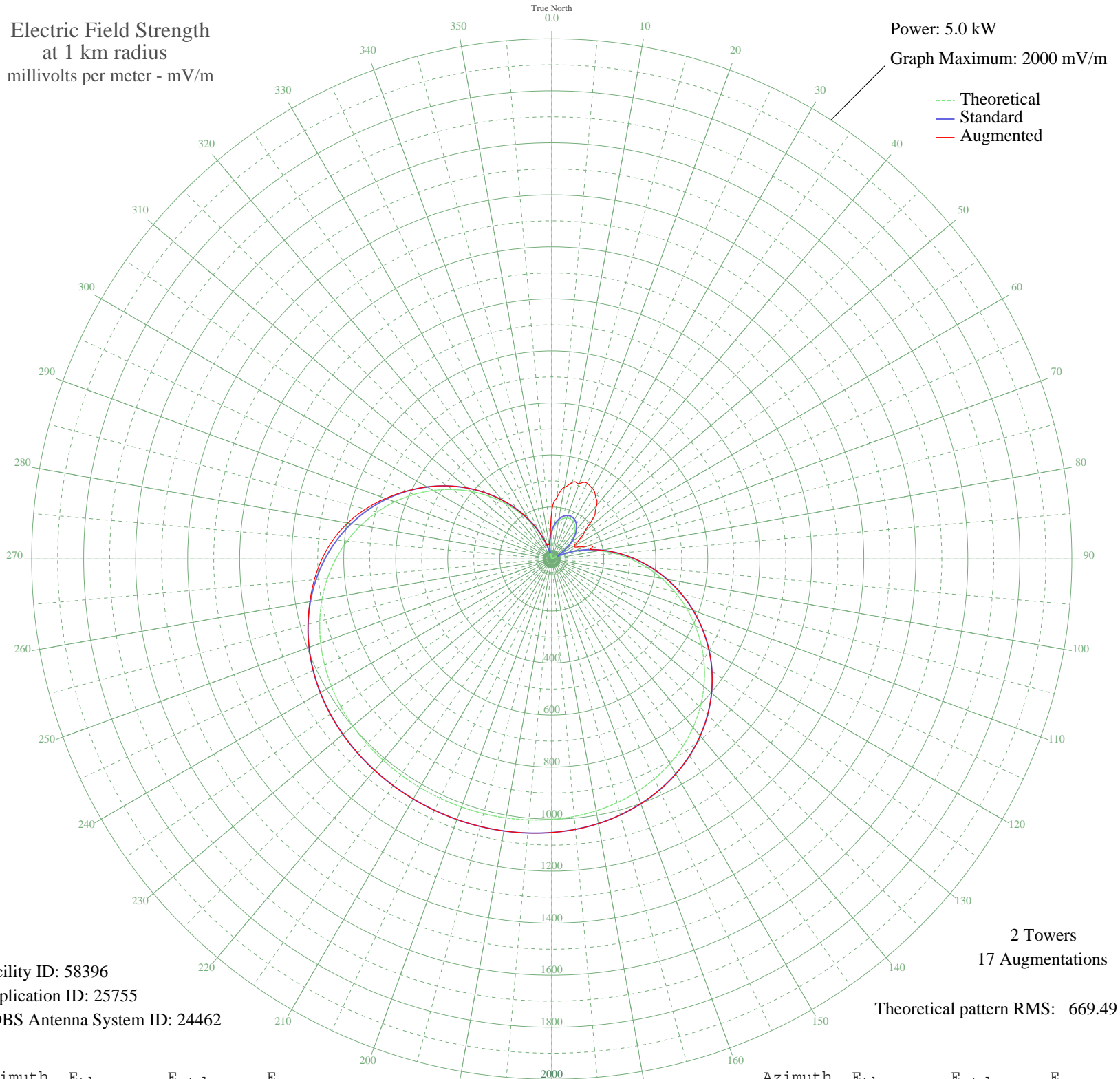


WREC MEMPHIS, TN BL-19801205AC 600 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 58396
Application ID: 25755
CDBS Antenna System ID: 24462

2 Towers
17 Augmentations
Theoretical pattern RMS: 669.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	100.60	108.21	182.70
5	126.29	134.66	239.03
10	146.14	155.23	280.03
15	160.04	169.67	304.69
20	167.92	177.87	308.47
25	169.74	179.77	321.42
30	165.49	175.35	312.75
35	155.20	164.64	293.58
40	138.91	147.73	268.29
45	116.70	124.77	230.58
50	88.73	96.08	167.77
55	55.16	62.50	127.18
60	16.27	29.04	99.20
65	27.62	37.32	109.14
70	76.10	83.28	145.36
75	128.64	137.10	155.72
80	184.66	195.31	195.31
85	243.46	256.71	256.71
90	304.28	320.36	320.36
95	366.30	385.33	385.33
100	428.65	450.69	450.69
105	490.46	515.51	515.51
110	550.87	578.89	578.89
115	609.07	639.96	639.96
120	664.34	697.95	697.95
125	716.04	752.21	752.21
130	763.67	802.19	802.19
135	806.85	847.52	847.52
140	845.38	887.96	887.96
145	879.17	923.43	923.43
150	908.29	953.99	953.99
155	932.92	979.85	979.85
160	953.36	1001.30	1001.30
165	969.97	1018.74	1018.74
170	983.18	1032.61	1032.61
175	993.44	1043.38	1043.38

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1001.20	1051.52	1051.52
185	1006.86	1057.47	1057.47
190	1010.82	1061.62	1061.62
195	1013.37	1064.30	1064.30
200	1014.73	1065.73	1065.73
205	1015.04	1066.05	1066.05
210	1014.32	1065.29	1065.29
215	1012.50	1063.39	1063.39
220	1009.42	1060.15	1060.15
225	1004.82	1055.32	1055.32
230	998.37	1048.55	1048.55
235	989.66	1039.41	1039.41
240	978.28	1027.46	1027.46
245	963.76	1012.22	1012.22
250	945.66	993.23	993.23
255	923.59	970.05	970.11
260	897.19	942.34	944.52
265	866.22	909.83	916.34
270	830.54	872.38	883.58
275	790.13	829.97	844.09
280	745.13	782.74	796.62
285	695.82	730.99	741.47
290	642.63	675.17	680.58
295	586.10	615.86	617.15
300	526.92	553.77	554.25
305	465.85	489.71	490.14
310	403.72	424.56	424.83
315	341.40	359.24	359.33
320	279.76	294.69	294.69
325	219.65	231.83	231.83
330	161.88	171.59	171.59
335	107.17	114.95	114.95
340	56.19	63.50	67.72
345	9.49	25.51	58.46
350	32.45	41.38	55.61
355	69.25	76.40	77.16

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission