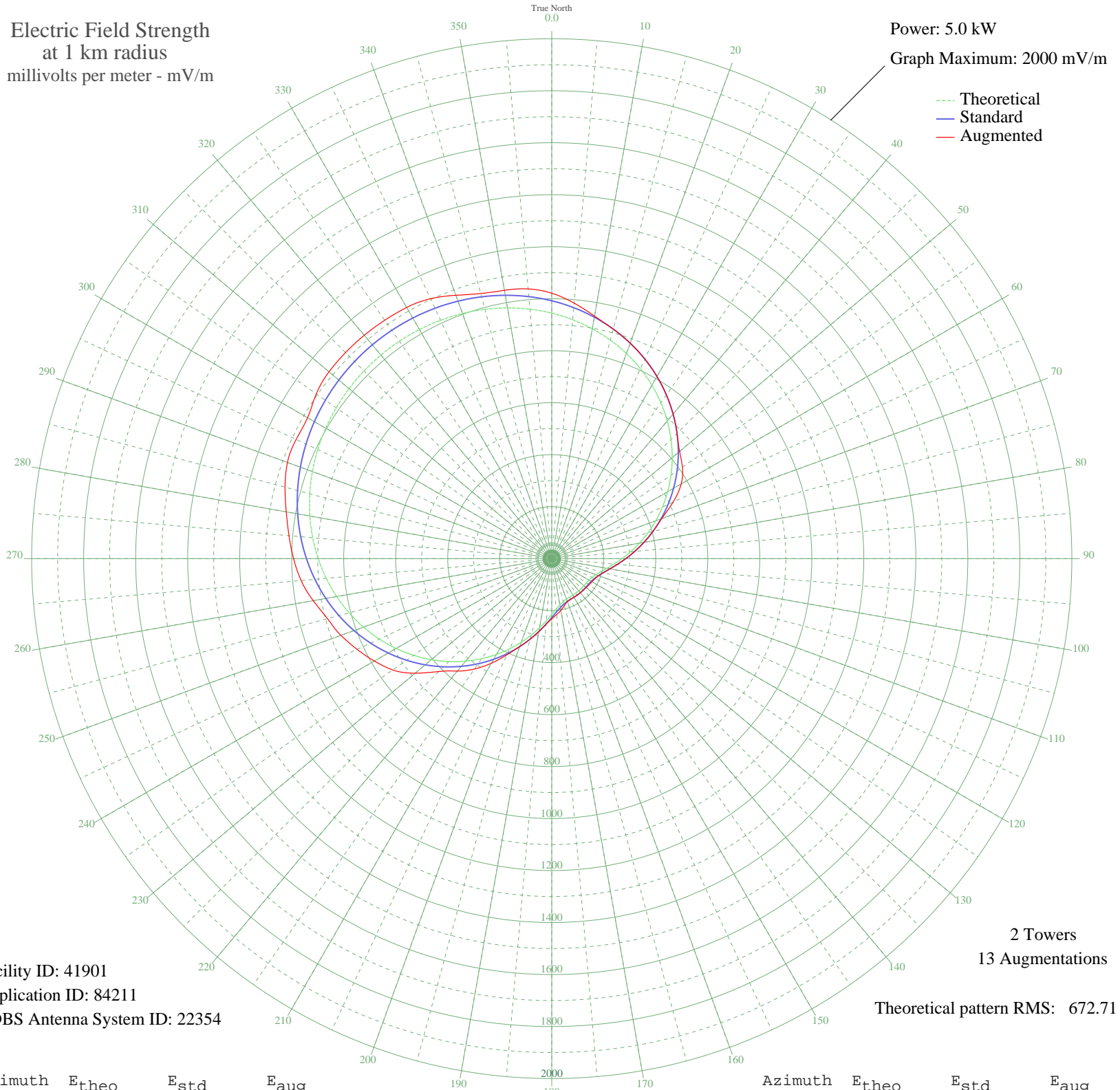


WLMV MADISON, WI BL-19851216AB 1480 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 41901
Application ID: 84211
CDBS Antenna System ID: 22354

2 Towers
13 Augmentations
Theoretical pattern RMS: 672.71

Azimuth	Etheo	Estd	Eaug
0	944.49	991.99	1021.11
5	922.73	969.15	986.84
10	898.02	943.22	947.59
15	870.37	914.19	914.19
20	839.79	882.10	882.10
25	806.39	847.04	847.04
30	770.32	809.17	809.17
35	731.79	768.73	768.73
40	691.09	726.02	726.02
45	648.57	681.41	681.41
50	604.66	635.33	641.86
55	559.83	588.29	613.48
60	514.62	540.86	574.95
65	469.60	493.63	515.07
70	425.38	447.27	449.73
75	382.63	402.45	402.45
80	342.03	359.90	359.90
85	304.28	320.36	320.36
90	270.10	284.58	284.58
95	240.17	253.27	253.27
100	215.09	227.07	227.07
105	195.26	206.36	206.36
110	180.71	191.19	191.95
115	171.02	181.10	183.24
120	165.33	175.18	178.37
125	162.52	172.26	175.37
130	161.45	171.14	173.12
135	161.20	170.88	171.49
140	161.19	170.87	170.87
145	161.20	170.88	170.88
150	161.45	171.14	171.15
155	162.52	172.26	172.32
160	165.33	175.18	175.85
165	171.02	181.10	186.92
170	180.71	191.19	201.88
175	195.26	206.36	216.30

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	215.09	227.07	231.73
185	240.17	253.27	253.68
190	270.10	284.58	284.58
195	304.28	320.36	320.36
200	342.03	359.90	359.90
205	382.63	402.45	408.40
210	425.38	447.27	464.65
215	469.60	493.63	518.54
220	514.62	540.86	564.56
225	559.83	588.29	614.12
230	604.66	635.33	685.69
235	648.57	681.41	746.82
240	691.09	726.02	787.78
245	731.79	768.73	825.88
250	770.32	809.17	862.81
255	806.39	847.04	892.76
260	839.79	882.10	931.35
265	870.37	914.19	967.36
270	898.02	943.22	992.80
275	922.73	969.15	1014.25
280	944.49	991.99	1036.64
285	963.37	1011.81	1061.77
290	979.43	1028.67	1081.59
295	992.79	1042.69	1084.51
300	1003.54	1053.97	1084.28
305	1011.77	1062.62	1105.26
310	1017.59	1068.73	1118.24
315	1021.05	1072.36	1121.36
320	1022.20	1073.56	1121.68
325	1021.05	1072.36	1119.68
330	1017.59	1068.73	1115.85
335	1011.77	1062.62	1103.19
340	1003.54	1053.97	1078.12
345	992.79	1042.69	1055.88
350	979.43	1028.67	1048.10
355	963.36	1011.81	1041.62