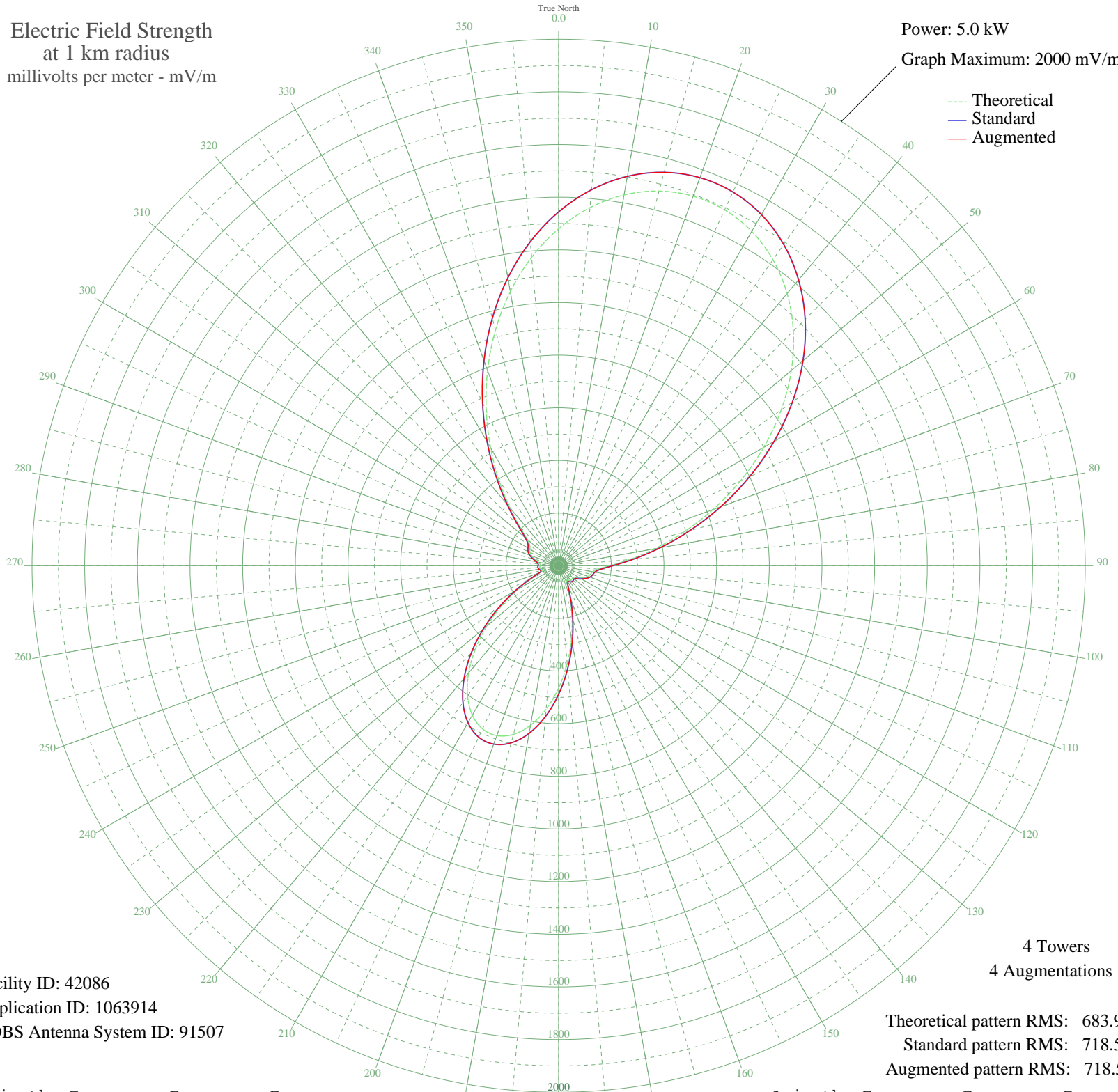


WTAQ GREEN BAY, WI BL-20050509AEH 1360 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 42086  
Application ID: 1063914  
CDBS Antenna System ID: 91507

4 Towers  
4 Augmentations

Theoretical pattern RMS: 683.97  
Standard pattern RMS: 718.55  
Augmented pattern RMS: 718.56

Azimuth	Etheo	Estd	Eaug
0	1280.02	1344.23	1344.23
5	1365.37	1433.83	1433.83
10	1430.29	1501.98	1501.98
15	1473.42	1547.27	1547.27
20	1494.01	1568.88	1568.88
25	1491.72	1566.48	1566.48
30	1466.58	1540.09	1540.09
35	1419.01	1490.15	1490.15
40	1349.88	1417.57	1417.57
45	1260.67	1323.91	1323.91
50	1153.63	1211.54	1211.54
55	1031.90	1083.75	1083.75
60	899.55	944.82	944.82
65	761.48	799.90	799.90
70	623.31	654.89	654.89
75	491.10	516.19	516.19
80	371.19	390.46	390.46
85	270.14	284.62	284.62
90	194.63	205.71	205.71
95	149.55	158.78	158.78
100	131.20	139.75	139.75
105	125.15	133.49	133.49
110	118.35	126.47	126.47
115	106.16	113.91	113.91
120	90.38	97.76	100.88
125	76.61	83.79	85.72
130	70.44	77.60	77.60
135	71.17	78.33	78.33
140	71.81	78.97	79.28
145	67.13	74.30	74.33
150	61.55	68.76	71.59
155	76.22	83.41	85.75
160	124.13	132.43	132.43
165	195.72	206.84	206.84
170	281.36	296.36	296.36
175	373.38	392.75	392.75

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	464.41	488.20	488.20
185	547.25	575.09	575.09
190	615.28	646.47	646.47
195	662.99	696.53	696.53
200	686.49	721.20	721.20
205	683.85	718.42	718.42
210	655.28	688.45	688.45
215	603.14	633.73	633.73
220	531.67	558.74	558.74
225	446.64	469.55	469.55
230	354.82	373.30	373.30
235	263.49	277.65	277.65
240	180.01	190.46	190.46
245	112.27	120.20	120.20
250	70.55	77.71	77.71
255	61.93	69.14	71.28
260	68.49	75.65	75.86
265	72.02	79.19	79.19
270	70.78	77.94	77.94
275	70.97	78.13	78.13
280	78.88	86.09	86.09
285	93.59	101.03	101.03
290	109.01	116.85	116.85
295	120.11	128.28	128.28
300	126.12	134.49	134.49
305	133.35	141.98	141.98
310	156.12	165.60	165.60
315	207.39	219.02	219.02
320	288.52	303.86	303.86
325	393.88	414.24	414.24
330	516.76	543.11	543.11
335	650.66	683.60	683.60
340	789.29	829.09	829.09
345	926.65	973.26	973.26
350	1057.24	1110.35	1110.35
355	1176.33	1235.37	1235.37