

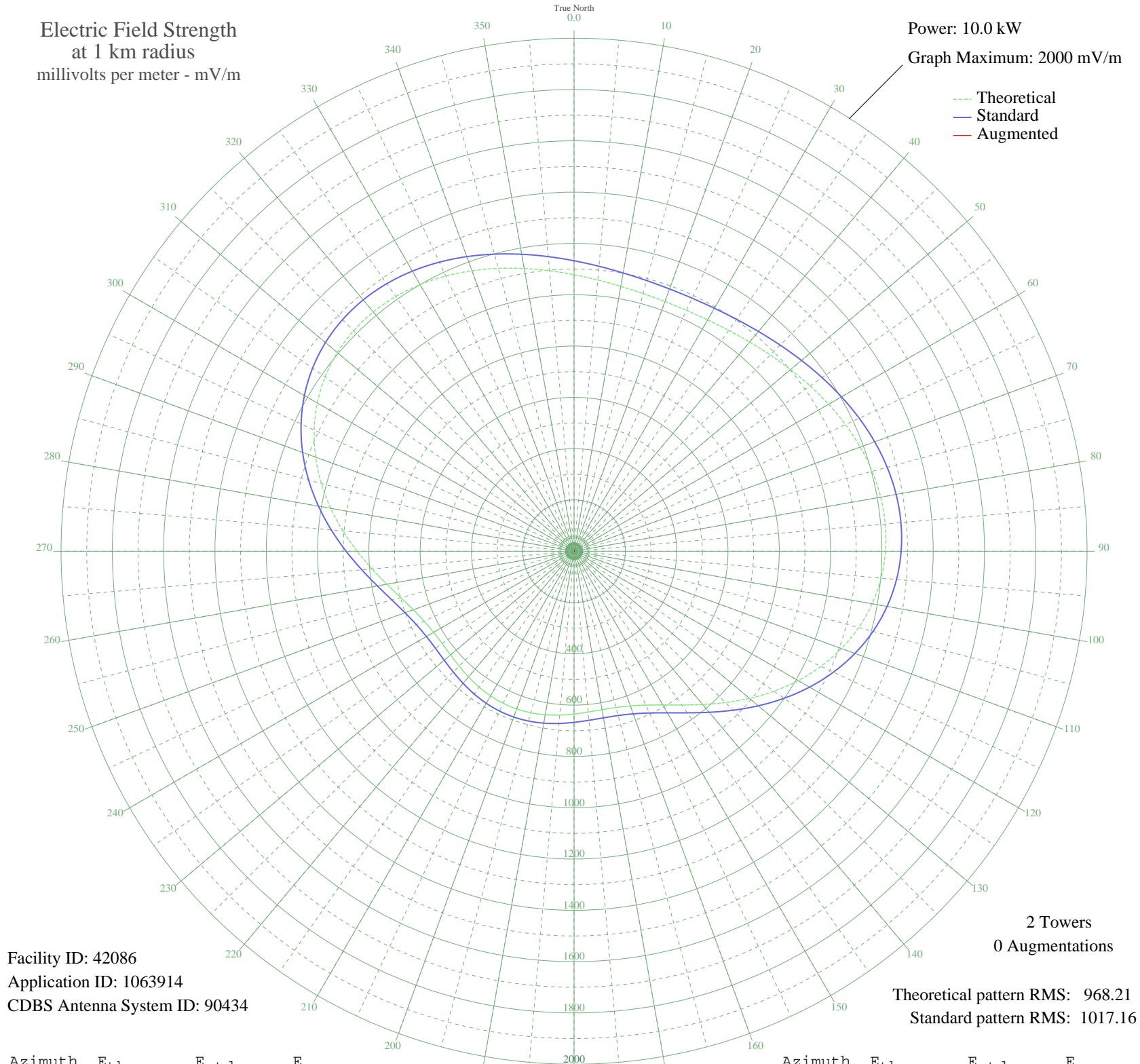
WTAQ GREEN BAY, WI BL-20050509AEH 1360 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 42086  
Application ID: 1063914  
CDBS Antenna System ID: 90434

2 Towers  
0 Augmentations

Theoretical pattern RMS: 968.21  
Standard pattern RMS: 1017.16

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1078.07	1132.46	
5	1061.52	1115.09	
10	1048.64	1101.58	
15	1039.94	1092.45	
20	1035.75	1088.05	
25	1036.22	1088.54	
30	1041.33	1093.90	
35	1050.90	1103.94	
40	1064.56	1118.28	
45	1081.76	1136.34	
50	1101.75	1157.32	
55	1123.56	1180.21	
60	1146.02	1203.77	
65	1167.77	1226.61	
70	1187.36	1247.17	
75	1203.22	1263.82	
80	1213.85	1274.98	
85	1217.84	1279.17	
90	1214.00	1275.14	
95	1201.46	1261.97	
100	1179.74	1239.17	
105	1148.83	1206.73	
110	1109.26	1165.20	
115	1062.06	1115.66	
120	1008.78	1059.74	
125	951.43	999.56	
130	892.41	937.62	
135	834.36	876.71	
140	779.99	819.67	
145	731.87	769.18	
150	692.10	727.46	
155	661.97	695.86	
160	641.80	674.71	
165	630.82	663.19	
170	627.39	659.59	
175	629.40	661.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	634.65	667.21	
185	641.17	674.05	
190	647.34	680.51	
195	651.97	685.38	
200	654.33	687.85	
205	654.07	687.57	
210	651.21	684.58	
215	646.19	679.31	
220	639.85	672.66	
225	633.44	665.94	
230	628.67	660.94	
235	627.57	659.78	
240	632.35	664.79	
245	645.06	678.13	
250	667.20	701.34	
255	699.31	735.02	
260	740.89	778.64	
265	790.45	830.63	
270	845.76	888.67	
275	904.23	950.02	
280	963.12	1011.82	
285	1019.83	1071.34	
290	1072.05	1126.14	
295	1117.83	1174.19	
300	1155.73	1213.97	
305	1184.82	1244.51	
310	1204.69	1265.36	
315	1215.44	1276.65	
320	1217.64	1278.95	
325	1212.22	1273.26	
330	1200.42	1260.88	
335	1183.69	1243.31	
340	1163.55	1222.18	
345	1141.54	1199.07	
350	1119.11	1175.53	
355	1097.57	1152.93	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission