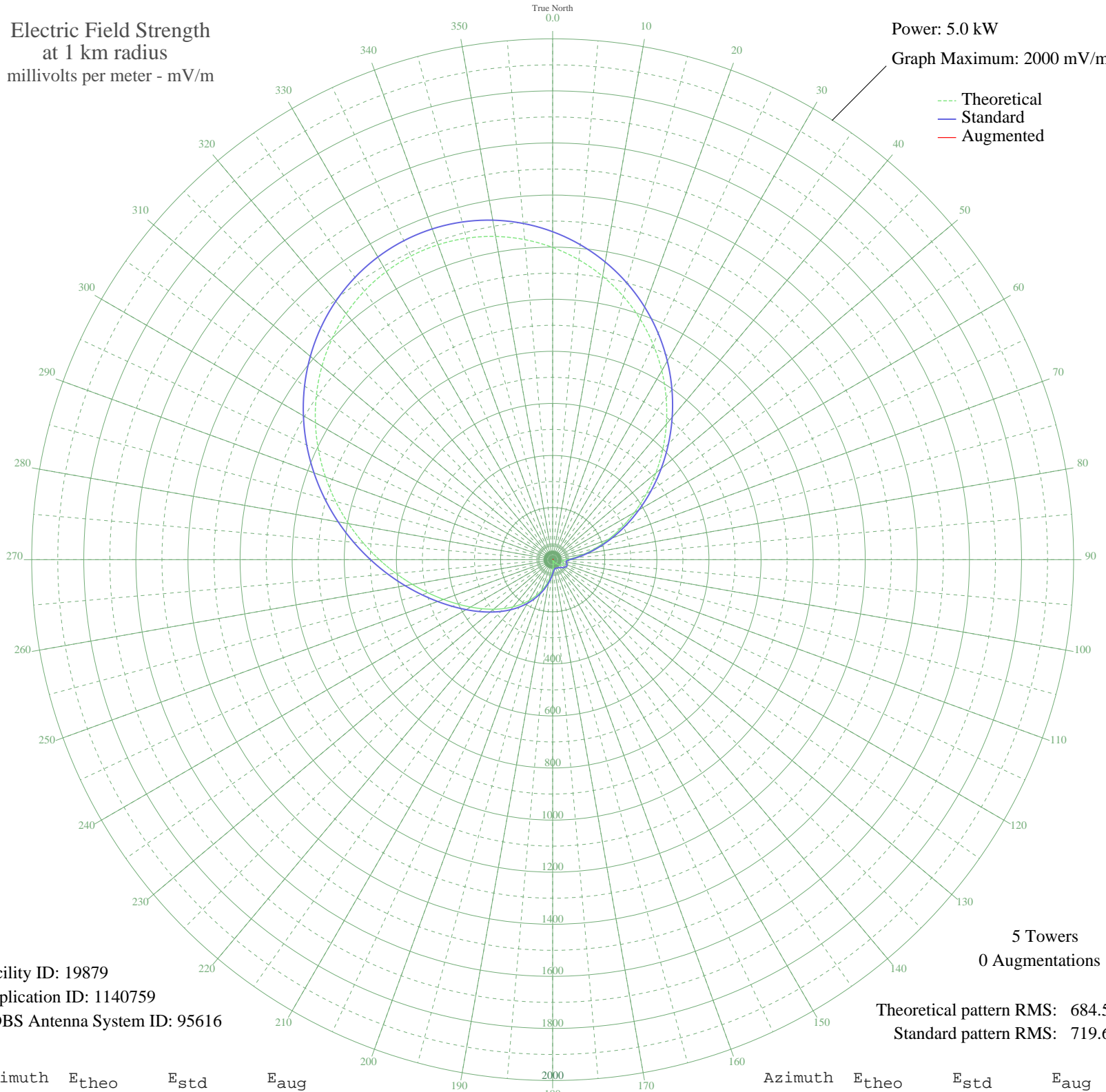


# WJOK KAUKAUNA, WI BP-20060727ABC 1050 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 19879  
Application ID: 1140759  
CDBS Antenna System ID: 95616

5 Towers  
0 Augmentations

Theoretical pattern RMS: 684.54  
Standard pattern RMS: 719.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1198.88	1259.32	
5	1155.83	1214.14	
10	1105.06	1160.86	
15	1047.13	1100.06	
20	982.70	1032.45	
25	912.63	958.92	
30	837.89	880.50	
35	759.62	798.39	
40	679.10	713.94	
45	597.70	628.59	
50	516.87	543.88	
55	438.09	461.37	
60	362.80	382.59	
65	292.35	309.01	
70	227.96	241.98	
75	170.74	182.76	
80	121.67	132.60	
85	81.87	93.01	
90	53.14	66.14	
95	38.52	53.82	
100	37.54	53.06	
105	41.81	56.47	
110	44.91	59.04	
115	44.99	59.10	
120	42.06	56.68	
125	36.81	52.49	
130	30.15	47.57	
135	23.08	43.00	
140	16.64	39.58	
145	11.74	37.59	
150	8.66	36.66	
155	6.30	36.13	
160	2.85	35.64	
165	3.08	35.66	
170	12.04	37.70	
175	24.31	43.74	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	39.82	54.86	
185	58.32	70.79	
190	79.45	90.66	
195	102.73	113.56	
200	127.67	138.68	
205	153.81	165.36	
210	180.79	193.12	
215	208.39	221.67	
220	236.61	250.97	
225	265.69	281.23	
230	296.12	312.95	
235	328.58	346.84	
240	363.88	383.72	
245	402.81	424.43	
250	446.03	469.68	
255	493.98	519.89	
260	546.72	575.16	
265	604.01	635.20	
270	665.22	699.38	
275	729.45	766.75	
280	795.56	836.09	
285	862.24	906.05	
290	928.10	975.15	
295	991.72	1041.91	
300	1051.74	1104.90	
305	1106.92	1162.81	
310	1156.14	1214.46	
315	1198.46	1258.89	
320	1233.15	1295.30	
325	1259.65	1323.11	
330	1277.55	1341.90	
335	1286.62	1351.42	
340	1286.74	1351.55	
345	1277.91	1342.27	
350	1260.20	1323.69	
355	1233.78	1295.95	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission