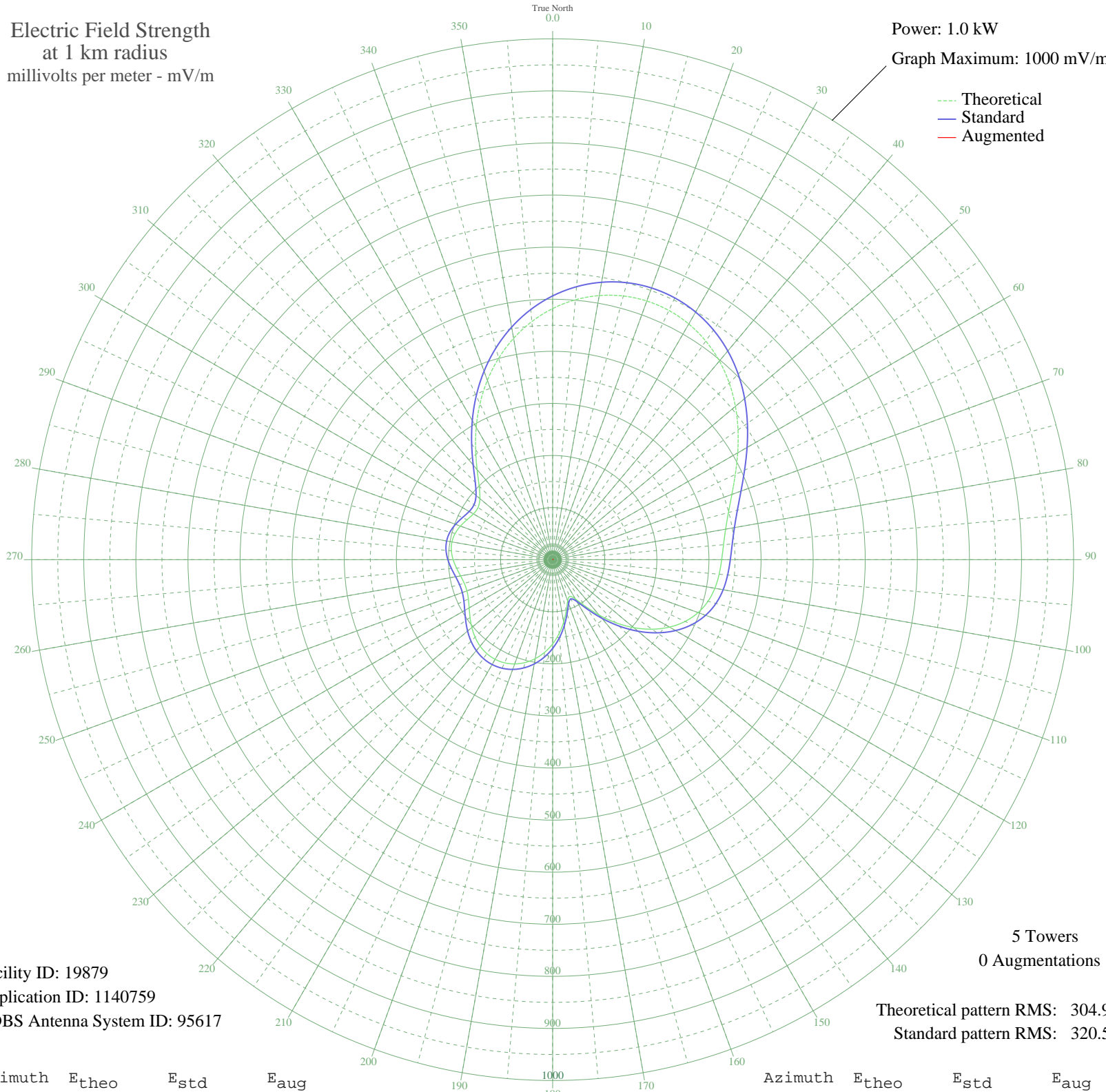


WJOK KAUKAUNA, WI BP-20060727ABC 1050 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 19879
Application ID: 1140759
CDBS Antenna System ID: 95617

5 Towers
0 Augmentations

Theoretical pattern RMS: 304.98
Standard pattern RMS: 320.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	482.07	506.40	
5	500.79	526.05	
10	514.84	540.80	
15	524.09	550.51	
20	528.46	555.09	
25	527.93	554.53	
30	522.54	548.87	
35	512.43	538.27	
40	497.91	523.03	
45	479.49	503.69	
50	457.95	481.09	
55	434.37	456.34	
60	410.12	430.89	
65	386.83	406.45	
70	366.11	384.71	
75	349.32	367.10	
80	337.13	354.31	
85	329.26	346.06	
90	324.45	341.01	
95	320.80	337.17	
100	316.18	332.34	
105	308.74	324.53	
110	297.11	312.33	
115	280.55	294.96	
120	258.94	272.31	
125	232.76	244.87	
130	202.98	213.67	
135	171.04	180.22	
140	138.89	146.62	
145	109.39	115.85	
150	87.01	92.60	
155	77.81	83.09	
160	84.23	89.73	
165	100.98	107.10	
170	121.59	128.56	
175	142.39	150.27	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	161.68	170.43	
185	178.68	188.22	
190	193.02	203.23	
195	204.50	215.26	
200	213.03	224.19	
205	218.51	229.93	
210	220.90	232.43	
215	220.22	231.73	
220	216.63	227.97	
225	210.50	221.54	
230	202.47	213.13	
235	193.54	203.78	
240	185.05	194.89	
245	178.50	188.04	
250	175.18	184.56	
255	175.66	185.07	
260	179.48	189.06	
265	185.23	195.08	
270	191.05	201.17	
275	195.15	205.47	
280	196.27	206.64	
285	193.87	204.12	
290	188.38	198.37	
295	181.37	191.04	
300	175.63	185.03	
305	174.83	184.19	
310	182.32	192.03	
315	199.57	210.09	
320	225.54	237.30	
325	257.74	271.05	
330	293.43	308.47	
335	330.25	347.09	
340	366.38	385.00	
345	400.46	420.75	
350	431.52	453.35	
355	458.87	482.05	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission