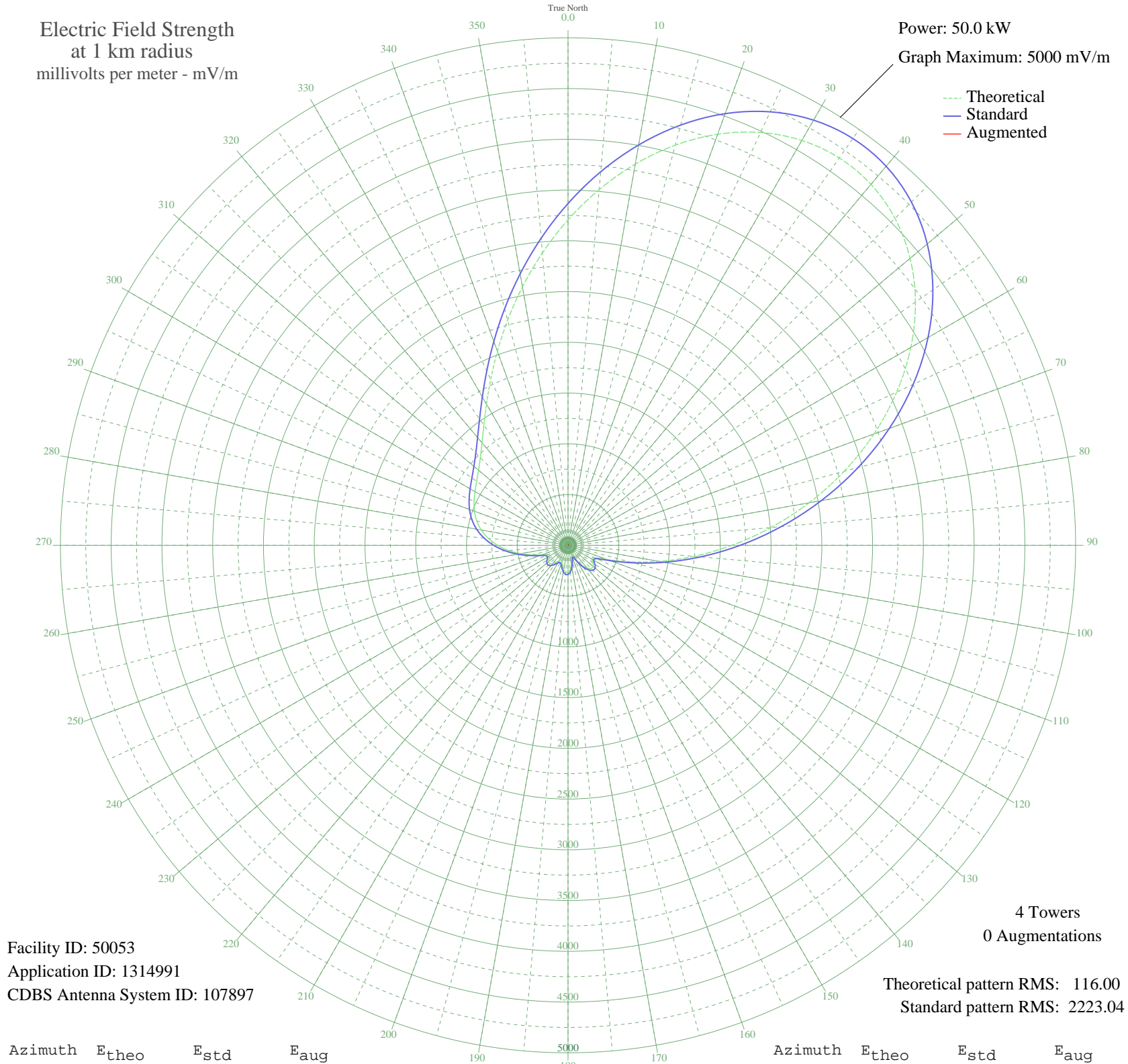


WNAM NEENAH-MENASHA, WI BP-20090220ADF 1280 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 50053
Application ID: 1314991
CDBS Antenna System ID: 107897

4 Towers
0 Augmentations

Theoretical pattern RMS: 116.00
Standard pattern RMS: 2223.04

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3206.50	3367.64	
5	3517.83	3694.47	
10	3813.66	4005.03	
15	4081.56	4286.29	
20	4309.70	4525.79	
25	4487.43	4712.39	
30	4605.98	4836.85	
35	4658.84	4892.35	
40	4642.15	4874.83	
45	4554.82	4783.14	
50	4398.56	4619.08	
55	4177.75	4387.27	
60	3899.25	4094.89	
65	3572.03	3751.37	
70	3206.79	3367.95	
75	2815.49	2957.19	
80	2410.84	2532.47	
85	2005.82	2107.42	
90	1613.19	1695.48	
95	1245.21	1309.58	
100	913.69	962.24	
105	630.99	666.69	
110	413.64	440.63	
115	288.34	311.72	
120	268.17	291.20	
125	299.12	322.74	
130	323.96	348.16	
135	322.46	346.63	
140	292.47	315.94	
145	239.00	261.70	
150	171.69	194.97	
155	109.26	136.66	
160	96.05	125.23	
165	142.50	167.03	
170	198.28	221.04	
175	241.00	263.71	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	263.24	286.20	
185	263.15	286.11	
190	243.04	265.77	
195	209.84	232.51	
200	176.64	199.78	
205	162.26	185.84	
210	176.97	200.10	
215	208.35	231.02	
220	237.60	260.29	
225	252.73	275.56	
230	249.20	271.99	
235	230.20	252.86	
240	210.29	232.96	
245	217.49	240.13	
250	272.04	295.14	
255	363.97	389.31	
260	473.71	502.90	
265	586.81	620.61	
270	693.71	732.17	
275	788.33	831.07	
280	867.57	913.97	
285	931.03	980.39	
290	980.79	1032.51	
295	1021.14	1074.77	
300	1058.08	1113.46	
305	1098.74	1156.07	
310	1150.79	1210.61	
315	1221.66	1284.89	
320	1317.96	1385.85	
325	1444.92	1518.98	
330	1606.00	1687.94	
335	1802.62	1894.21	
340	2033.93	2136.92	
345	2296.71	2412.69	
350	2585.33	2715.61	
355	2891.88	3037.38	

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