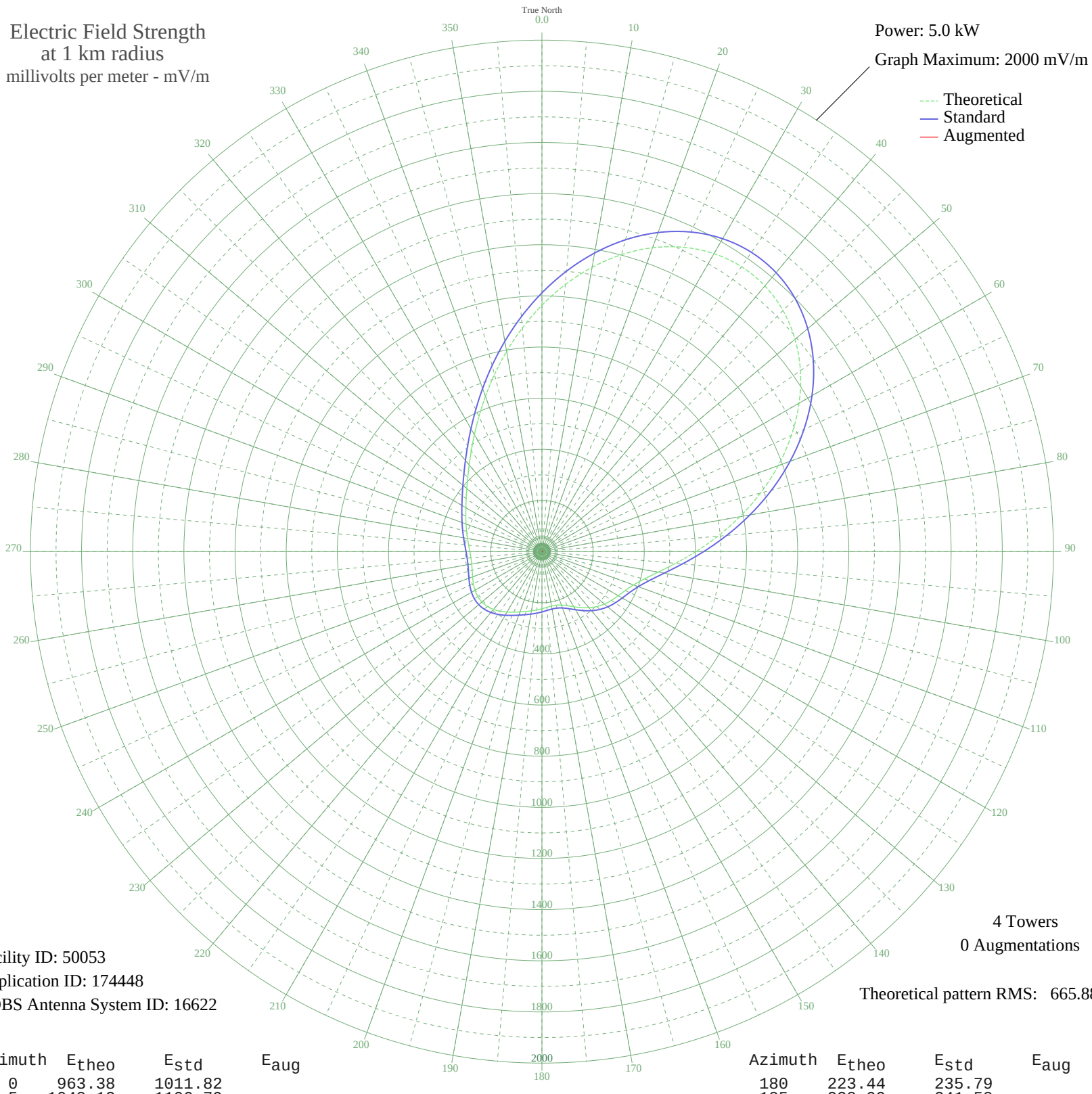
WNAM NEENAH-MENASHA, WI BL-19920612AA 1280 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 50053
Application ID: 174448
CDBS Antenna System ID: 16622

Theoretical pattern RMS: 665.88

Azimuth	E_{theo}	E_{std}	E_{aug}
0	963.38	1011.82	
5	1048.13	1100.79	
10	1128.83	1185.50	
15	1202.01	1262.33	
20	1264.38	1327.81	
25	1313.02	1378.87	
30	1345.52	1412.99	
35	1360.20	1428.40	
40	1356.09	1424.09	
45	1333.07	1399.92	
50	1291.80	1356.59	
55	1233.72	1295.62	
60	1160.97	1219.24	
65	1076.32	1130.38	
70	983.06	1032.48	
75	884.90	929.44	
80	785.85	825.48	
85	690.07	724.96	
90	601.71	632.23	
95	524.57	551.30	
100	461.59	485.24	
105	414.11	435.45	
110	381.16	400.90	
115	359.48	378.19	
120	344.58	362.57	
125	332.14	349.54	
130	319.05	335.82	
135	303.74	319.79	
140	286.09	301.31	
145	267.16	281.50	
150	248.80	262.30	
155	233.20	245.98	
160	222.18	234.47	
165	216.58	228.62	
170	215.91	227.92	
175	218.73	230.86	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	223.44	235.79	
185	228.99	241.58	
190	235.10	247.97	
195	242.15	255.34	
200	250.73	264.31	
205	261.06	275.12	
210	272.70	287.30	
215	284.50	299.64	
220	294.93	310.57	
225	302.55	318.55	
230	306.34	322.51	
235	306.00	322.16	
240	302.02	317.99	
245	295.62	311.29	
250	288.50	303.83	
255	282.45	297.50	
260	278.93	293.82	
265	278.71	293.58	
270	281.77	296.79	
275	287.57	302.86	
280	295.43	311.09	
285	304.86	320.96	
290	315.76	332.38	
295	328.44	345.66	
300	343.46	361.40	
305	361.56	380.36	
310	383.54	403.40	
315	410.25	431.40	
320	442.61	465.33	
325	481.57	506.19	
330	528.03	554.93	
335	582.69	612.27	
340	645.78	678.47	
345	716.91	753.12	
350	794.93	835.01	
355	877.95	922.14	

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