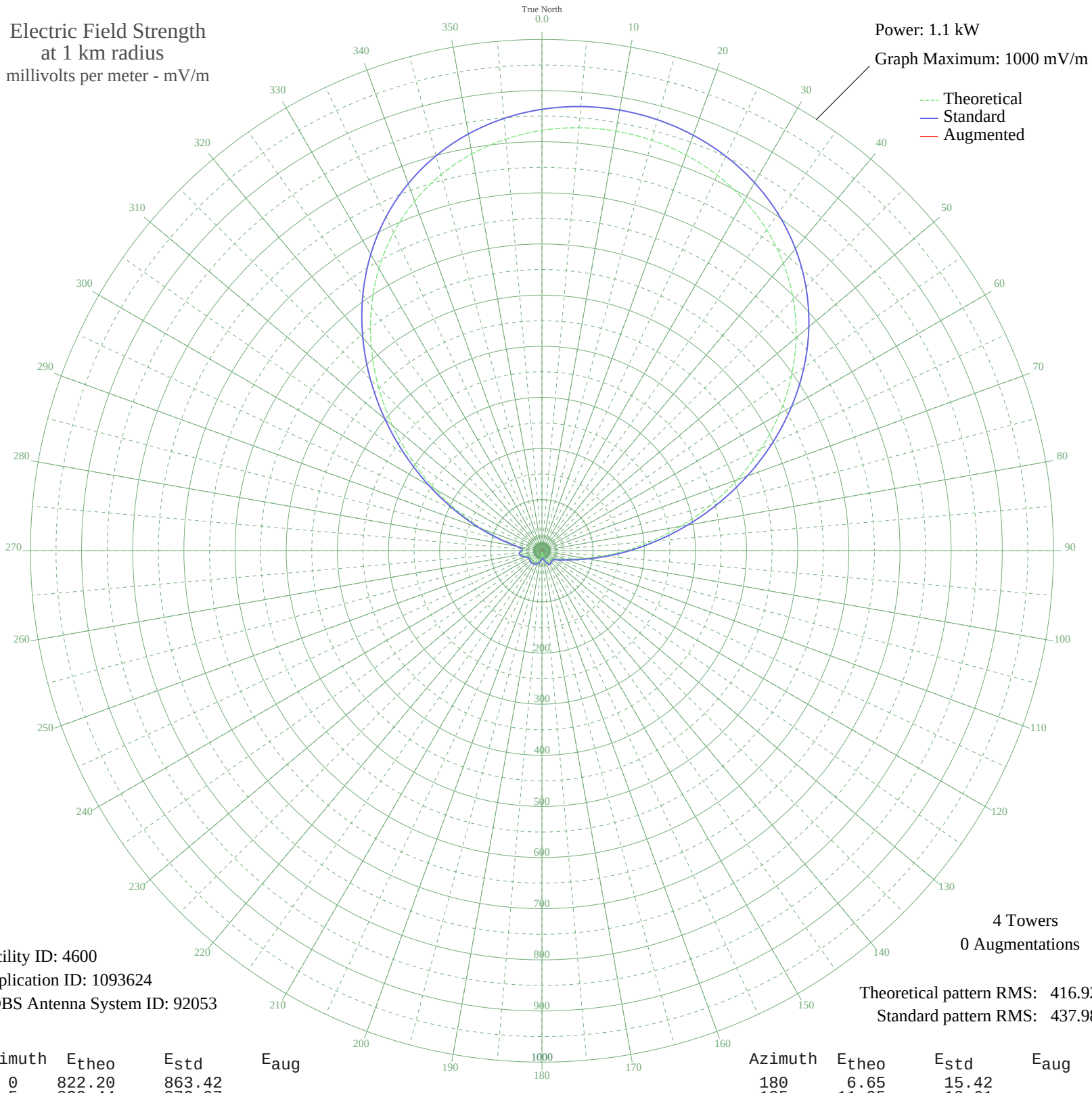
WNEM BRIDGEPORT, MI BL-20051013AKD 1250 kHz

Nighttime

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



Power: 1.1 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 4600
Application ID: 1093624
CDBS Antenna System ID: 92053

Theoretical pattern RMS: 416.92
Standard pattern RMS: 437.98

Azimuth	E_{theo}	E_{std}	E_{aug}
0	822.20	863.42	
5	830.44	872.07	
10	833.36	875.13	
15	831.08	872.74	
20	823.56	864.84	
25	810.53	851.17	
30	791.60	831.30	
35	766.31	804.74	
40	734.20	771.04	
45	694.98	729.86	
50	648.62	681.19	
55	595.47	625.39	
60	536.37	563.35	
65	472.68	496.51	
70	406.30	426.84	
75	339.52	356.76	
80	274.91	288.98	
85	215.08	226.25	
90	162.45	171.13	
95	118.96	125.66	
100	85.75	91.08	
105	62.71	67.27	
110	47.98	52.22	
115	38.34	42.54	
120	31.10	35.43	
125	25.52	30.12	
130	22.50	27.34	
135	22.62	27.44	
140	24.46	29.13	
145	25.95	30.52	
150	25.81	30.39	
155	23.59	28.33	
160	19.41	24.59	
165	13.78	19.96	
170	7.42	15.80	
175	2.54	14.00	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	6.65	15.42	
185	11.95	18.61	
190	16.32	21.97	
195	19.63	24.77	
200	22.02	26.90	
205	23.76	28.49	
210	25.09	29.72	
215	26.09	30.65	
220	26.62	31.15	
225	26.49	31.03	
230	25.67	30.26	
235	24.66	29.31	
240	24.62	29.28	
245	26.82	31.33	
250	31.23	35.55	
255	36.24	40.46	
260	39.72	43.91	
265	39.84	44.03	
270	36.33	40.54	
275	34.05	38.31	
280	46.14	50.36	
285	77.34	82.37	
290	122.71	129.58	
295	178.58	188.01	
300	242.16	254.64	
305	310.72	326.54	
310	381.44	400.75	
315	451.63	474.42	
320	518.90	545.02	
325	581.29	610.51	
330	637.37	669.38	
335	686.28	720.73	
340	727.65	764.16	
345	761.53	799.72	
350	788.24	827.77	
355	808.29	848.81	

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