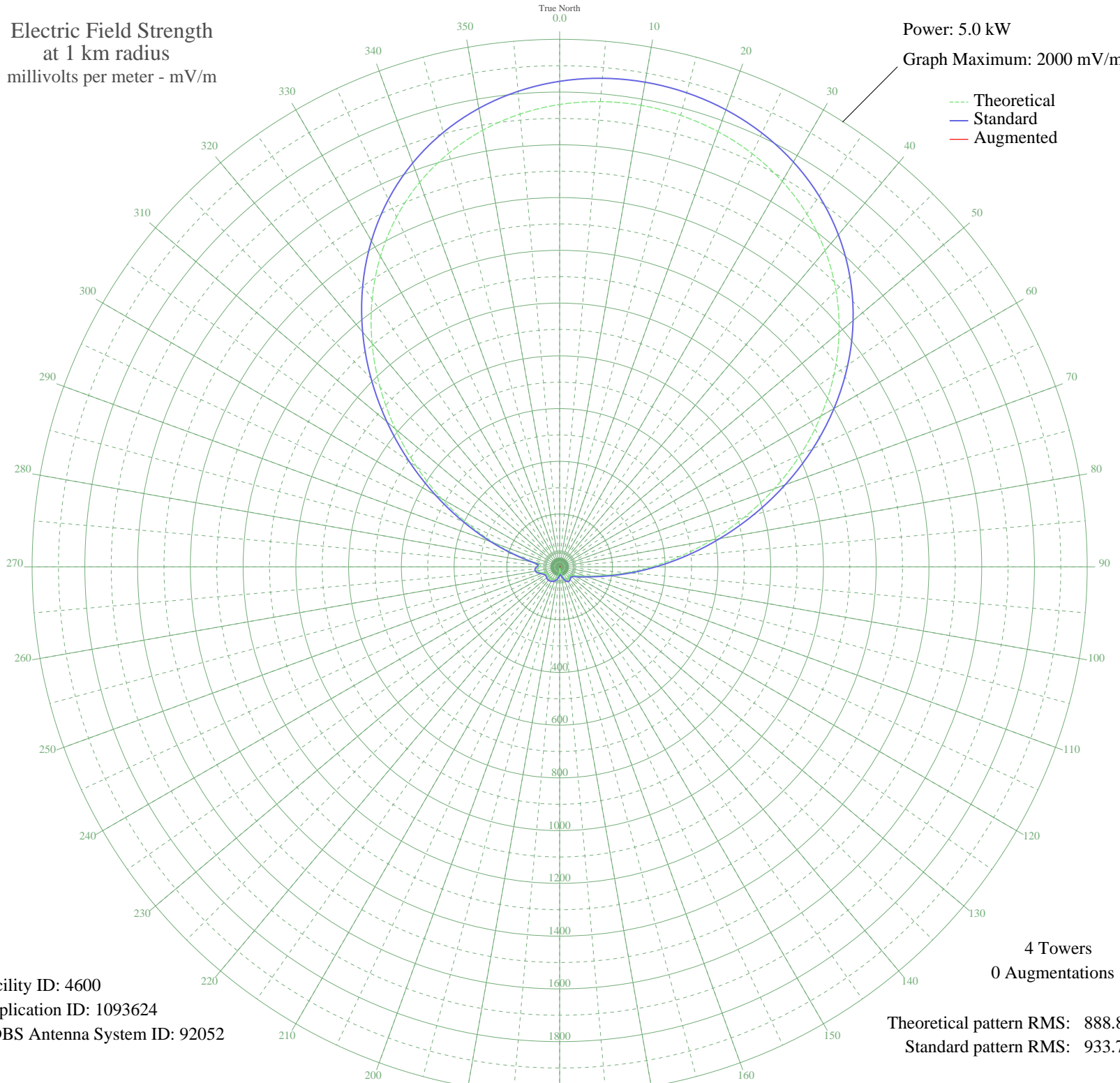


# WNEM BRIDGEPORT, MI BL-20051013AKD 1250 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 4600  
Application ID: 1093624  
CDBS Antenna System ID: 92052

4 Towers  
0 Augmentations

Theoretical pattern RMS: 888.87  
Standard pattern RMS: 933.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1752.92	1840.80	
5	1770.50	1859.26	
10	1776.71	1865.78	
15	1771.86	1860.68	
20	1755.82	1843.84	
25	1728.04	1814.68	
30	1687.70	1772.32	
35	1633.77	1715.71	
40	1565.32	1643.84	
45	1481.70	1556.06	
50	1382.85	1452.29	
55	1269.53	1333.33	
60	1143.53	1201.06	
65	1007.76	1058.55	
70	866.23	910.01	
75	723.85	760.61	
80	586.10	616.10	
85	458.55	482.37	
90	346.34	364.84	
95	253.61	267.90	
100	182.81	194.18	
105	133.70	143.41	
110	102.29	111.33	
115	81.75	90.70	
120	66.31	75.54	
125	54.41	64.21	
130	47.97	58.28	
135	48.22	58.50	
140	52.15	62.10	
145	55.33	65.07	
150	55.03	64.79	
155	50.29	60.39	
160	41.39	52.42	
165	29.38	42.55	
170	15.83	33.69	
175	5.41	29.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	14.18	32.87	
185	25.47	39.67	
190	34.79	46.83	
195	41.85	52.82	
200	46.95	57.35	
205	50.66	60.74	
210	53.50	63.36	
215	55.62	65.34	
220	56.75	66.41	
225	56.47	66.15	
230	54.74	64.51	
235	52.57	62.50	
240	52.48	62.42	
245	57.17	66.81	
250	66.57	75.80	
255	77.27	86.27	
260	84.68	93.62	
265	84.93	93.87	
270	77.45	86.44	
275	72.60	81.67	
280	98.38	107.38	
285	164.89	175.60	
290	261.62	276.26	
295	380.73	400.84	
300	516.29	542.90	
305	662.44	696.18	
310	813.22	854.39	
315	962.88	1011.45	
320	1106.30	1161.98	
325	1239.31	1301.60	
330	1358.87	1427.12	
335	1463.15	1536.58	
340	1551.35	1629.18	
345	1623.57	1705.00	
350	1680.53	1764.80	
355	1723.26	1809.66	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission