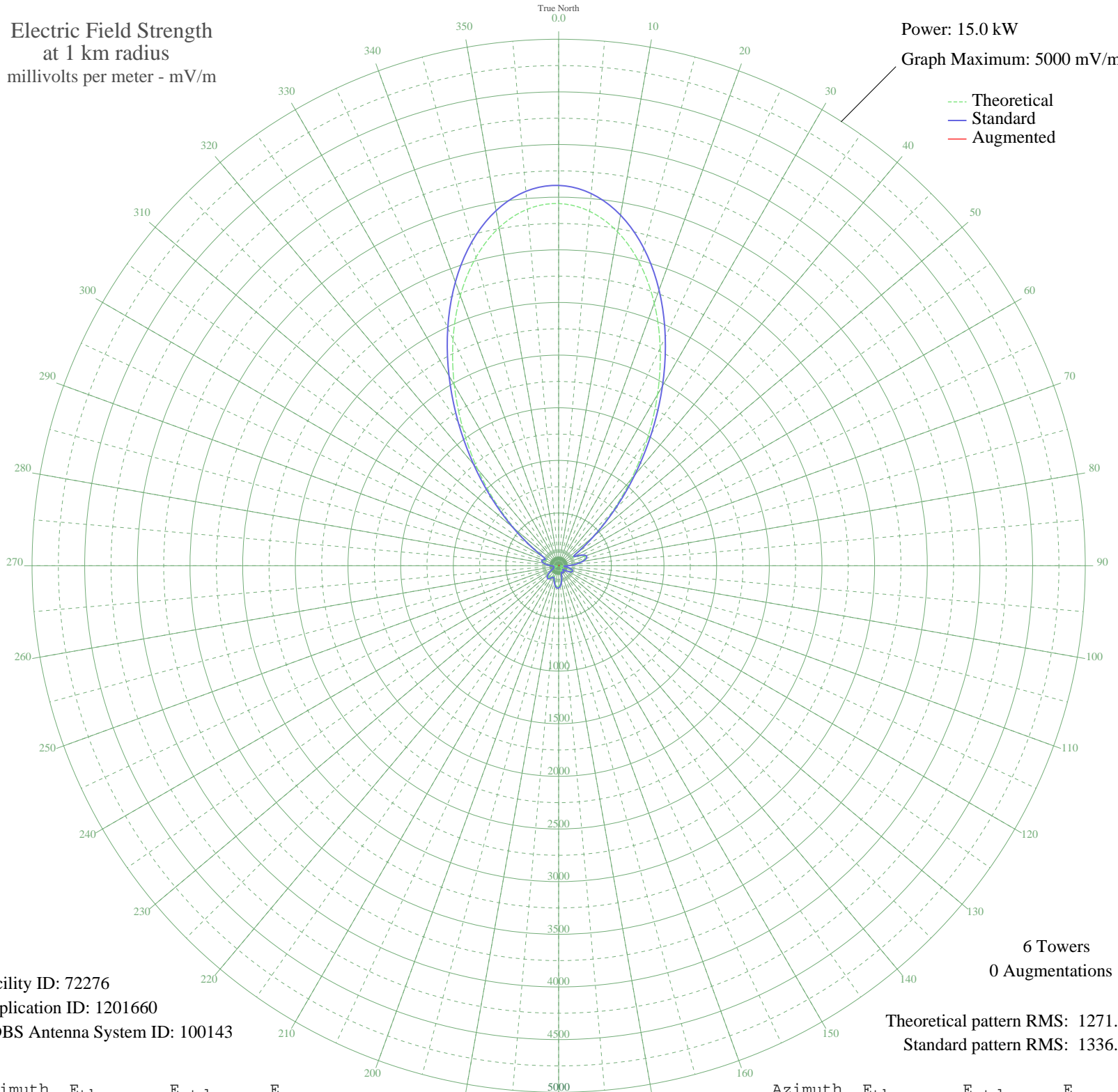


WAAM OAK PARK, MI BMJP-20051031AFO 1600 kHz

Nighttime

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

Power: 15.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 72276
Application ID: 1201660
CDBS Antenna System ID: 100143

6 Towers
0 Augmentations
Theoretical pattern RMS: 1271.73
Standard pattern RMS: 1336.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3439.40	3611.63	
5	3378.55	3547.74	
10	3219.97	3381.24	
15	2973.35	3122.31	
20	2653.83	2786.85	
25	2280.89	2395.32	
30	1876.90	1971.22	
35	1465.48	1539.36	
40	1069.89	1124.21	
45	711.80	748.63	
50	412.10	434.84	
55	202.54	216.99	
60	160.93	174.38	
65	223.43	238.53	
70	261.66	278.10	
75	256.38	272.63	
80	214.47	229.28	
85	148.43	161.69	
90	72.41	87.38	
95	17.89	46.99	
100	69.37	84.62	
105	110.93	124.18	
110	129.31	142.45	
115	124.28	137.42	
120	99.67	113.17	
125	62.81	78.77	
130	27.31	51.75	
135	32.98	55.27	
140	56.12	72.99	
145	65.65	81.29	
150	58.62	75.12	
155	44.57	63.60	
160	55.66	72.60	
165	95.94	109.56	
170	140.97	154.15	
175	177.32	191.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	197.26	211.56	
185	197.26	211.55	
190	178.35	192.16	
195	146.94	160.18	
200	116.18	129.37	
205	104.80	118.17	
210	117.77	130.94	
215	137.21	150.37	
220	147.26	160.51	
225	141.51	154.70	
230	120.00	133.15	
235	86.96	100.96	
240	49.48	67.49	
245	17.92	47.00	
250	18.42	47.21	
255	26.31	51.17	
260	19.99	47.91	
265	19.43	47.66	
270	53.26	70.59	
275	95.76	109.39	
280	133.22	146.36	
285	153.83	167.17	
290	148.95	162.22	
295	127.09	140.22	
300	159.54	172.96	
305	307.73	325.97	
310	542.49	571.24	
315	843.38	886.60	
320	1195.62	1256.14	
325	1581.95	1661.60	
330	1981.78	2081.31	
335	2372.23	2491.22	
340	2729.80	2866.62	
345	3032.21	3184.12	
350	3260.20	3423.48	
355	3398.98	3569.19	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission