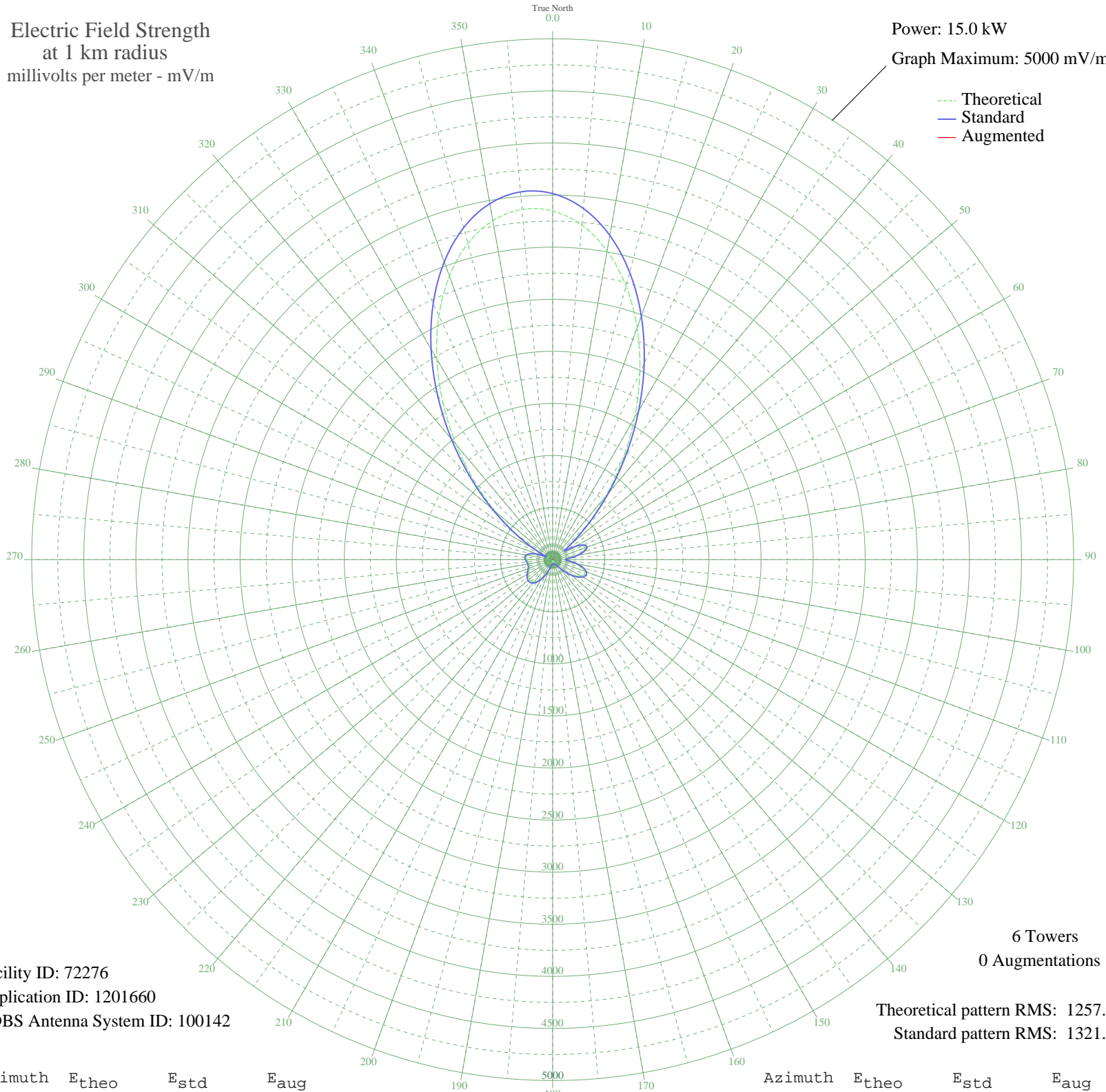


WAAM OAK PARK, MI BMJP-20051031AFO 1600 kHz

Daytime

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: 100142

6 Towers
0 Augmentations

Theoretical pattern RMS: 1257.80
Standard pattern RMS: 1321.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3347.13	3514.72	
5	3222.90	3384.29	
10	3009.51	3160.25	
15	2719.37	2855.63	
20	2369.25	2488.04	
25	1979.16	2078.52	
30	1571.02	1650.07	
35	1167.17	1226.20	
40	789.15	829.61	
45	457.61	482.22	
50	201.06	215.00	
55	138.58	151.10	
60	242.60	257.97	
65	313.98	332.18	
70	330.57	349.48	
75	298.84	316.41	
80	232.31	247.30	
85	152.30	165.02	
90	107.52	120.01	
95	151.88	164.59	
100	226.36	241.14	
105	288.60	305.76	
110	325.78	344.48	
115	334.04	353.10	
120	314.56	332.79	
125	272.23	288.72	
130	214.66	229.04	
135	150.99	163.69	
140	90.56	103.45	
145	42.05	60.07	
150	16.72	44.35	
155	19.52	45.59	
160	17.95	44.88	
165	7.82	41.55	
170	12.48	42.78	
175	25.19	48.57	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	29.16	50.95	
185	19.24	45.46	
190	6.51	41.30	
195	46.58	63.65	
200	96.96	109.65	
205	151.51	164.21	
210	203.44	217.46	
215	246.59	262.10	
220	276.56	293.23	
225	291.48	308.75	
230	292.24	309.54	
235	282.10	298.99	
240	265.82	282.07	
245	248.52	264.10	
250	234.59	249.66	
255	227.10	241.91	
260	227.53	242.35	
265	235.09	250.18	
270	245.75	261.23	
275	251.87	267.58	
280	242.93	258.31	
285	207.23	221.37	
290	134.49	146.97	
295	47.01	63.99	
300	186.77	200.29	
305	423.65	446.69	
310	718.77	755.80	
315	1062.02	1115.86	
320	1439.44	1511.96	
325	1832.98	1925.06	
330	2221.70	2333.14	
335	2583.46	2712.94	
340	2896.75	3041.86	
345	3142.45	3299.82	
350	3305.30	3470.80	
355	3375.05	3544.04	

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