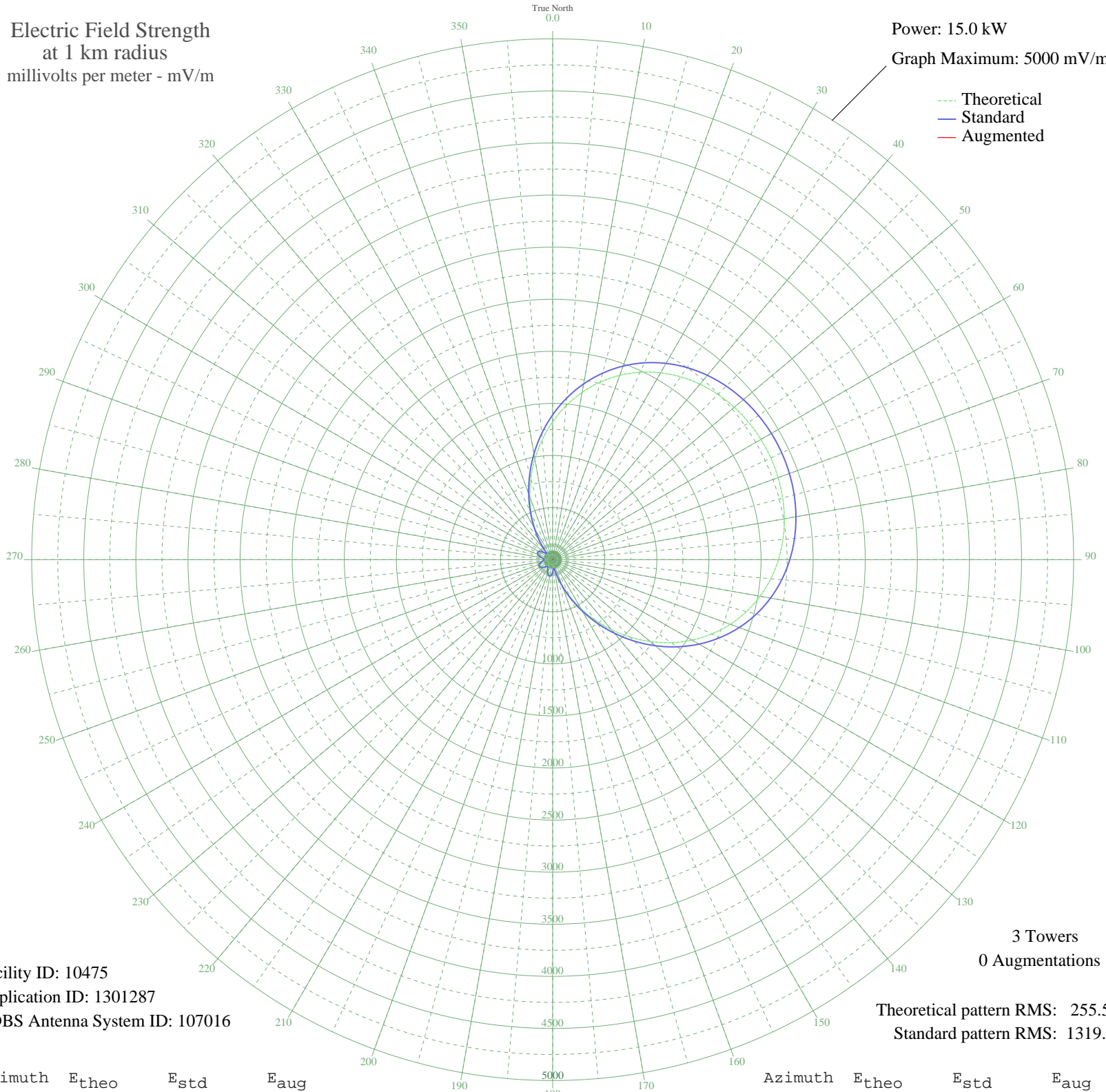


WCXI WIXOM, MI BMJP-20051026AAJ 1160 kHz

Daytime

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

Power: 15.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 10475
Application ID: 1301287
CDBS Antenna System ID: 107016

3 Towers
0 Augmentations

Theoretical pattern RMS: 255.59
Standard pattern RMS: 1319.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1323.42	1390.18	
5	1483.08	1557.77	
10	1630.93	1712.96	
15	1764.69	1853.38	
20	1882.99	1977.56	
25	1985.25	2084.91	
30	2071.61	2175.57	
35	2142.73	2250.23	
40	2199.63	2309.97	
45	2243.51	2356.04	
50	2275.58	2389.71	
55	2296.90	2412.09	
60	2308.26	2424.02	
65	2310.14	2425.99	
70	2302.60	2418.08	
75	2285.35	2399.96	
80	2257.69	2370.93	
85	2218.67	2329.96	
90	2167.13	2275.85	
95	2101.83	2207.30	
100	2021.68	2123.15	
105	1925.83	2022.53	
110	1813.92	1905.05	
115	1686.22	1771.00	
120	1543.79	1621.49	
125	1388.52	1458.51	
130	1223.21	1285.02	
135	1051.46	1104.78	
140	877.53	922.30	
145	706.13	742.55	
150	542.19	570.75	
155	390.56	412.10	
160	256.07	271.93	
165	144.56	157.14	
170	71.61	85.48	
175	75.87	89.45	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	112.92	125.34	
185	139.23	151.74	
190	149.34	161.99	
195	144.63	157.22	
200	128.37	140.79	
205	104.97	117.49	
210	80.61	93.90	
215	64.90	79.36	
220	67.55	81.76	
225	84.30	97.41	
230	103.98	116.51	
235	120.08	132.48	
240	129.58	142.01	
245	131.21	143.65	
250	124.77	137.18	
255	111.07	123.51	
260	92.30	105.10	
265	73.25	87.00	
270	63.59	78.18	
275	72.61	86.41	
280	94.90	107.63	
285	119.58	131.98	
290	139.29	151.81	
295	149.08	161.73	
300	145.20	157.79	
305	125.33	137.73	
310	90.80	103.65	
315	63.57	78.17	
320	108.91	121.37	
325	208.26	222.42	
330	334.43	353.50	
335	479.79	505.42	
340	639.39	672.59	
345	808.39	849.79	
350	981.89	1031.79	
355	1155.06	1213.49	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission