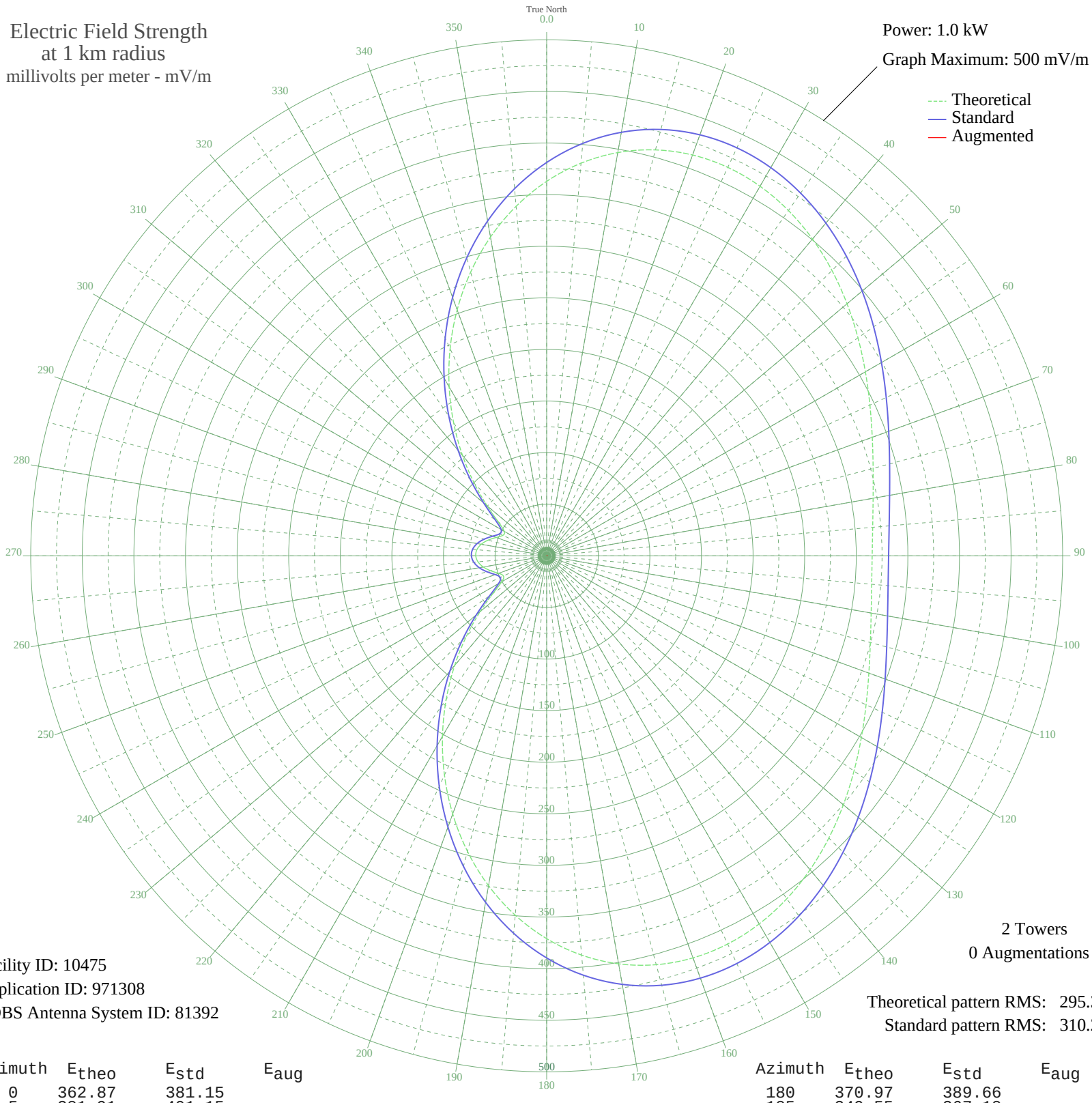
WCXI WIXOM, MI BMJP-20040126AJD 1160 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 10475
Application ID: 971308
CDBS Antenna System ID: 81392

2 Towers
0 Augmentations

Theoretical pattern RMS: 295.32
Standard pattern RMS: 310.26

Azimuth	E_{theo}	E_{std}	E_{aug}
0	362.87	381.15	
5	381.91	401.15	
10	396.75	416.71	
15	407.21	427.70	
20	413.33	434.12	
25	415.31	436.20	
30	413.52	434.32	
35	408.46	429.01	
40	400.73	420.90	
45	390.99	410.68	
50	379.94	399.08	
55	368.26	386.82	
60	356.62	374.60	
65	345.60	363.04	
70	335.75	352.69	
75	327.50	344.03	
80	321.20	337.43	
85	317.12	333.14	
90	315.41	331.35	
95	316.15	332.12	
100	319.29	335.42	
105	324.73	341.13	
110	332.24	349.01	
115	341.50	358.73	
120	352.11	369.86	
125	363.57	381.89	
130	375.31	394.21	
135	386.69	406.16	
140	397.04	417.02	
145	405.65	426.07	
150	411.86	432.58	
155	415.02	435.90	
160	414.60	435.46	
165	410.17	430.80	
170	401.46	421.66	
175	388.36	407.92	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	370.97	389.66	
185	349.55	367.18	
190	324.53	340.92	
195	296.52	311.52	
200	266.21	279.71	
205	234.40	246.35	
210	201.96	212.31	
215	169.75	178.55	
220	138.71	146.02	
225	109.80	115.77	
230	84.20	89.03	
235	63.55	67.55	
240	50.23	53.78	
245	46.15	49.59	
250	49.58	53.11	
255	56.08	59.81	
260	62.36	66.31	
265	66.81	70.93	
270	68.73	72.93	
275	67.90	72.07	
280	64.41	68.44	
285	58.73	62.56	
290	52.04	55.64	
295	46.86	50.31	
300	47.48	50.95	
305	57.20	60.97	
310	75.23	79.69	
315	99.08	104.57	
320	126.83	133.58	
325	157.14	165.33	
330	188.99	198.72	
335	221.45	232.76	
340	253.62	266.50	
345	284.62	299.04	
350	313.65	329.50	
355	339.95	357.10	

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