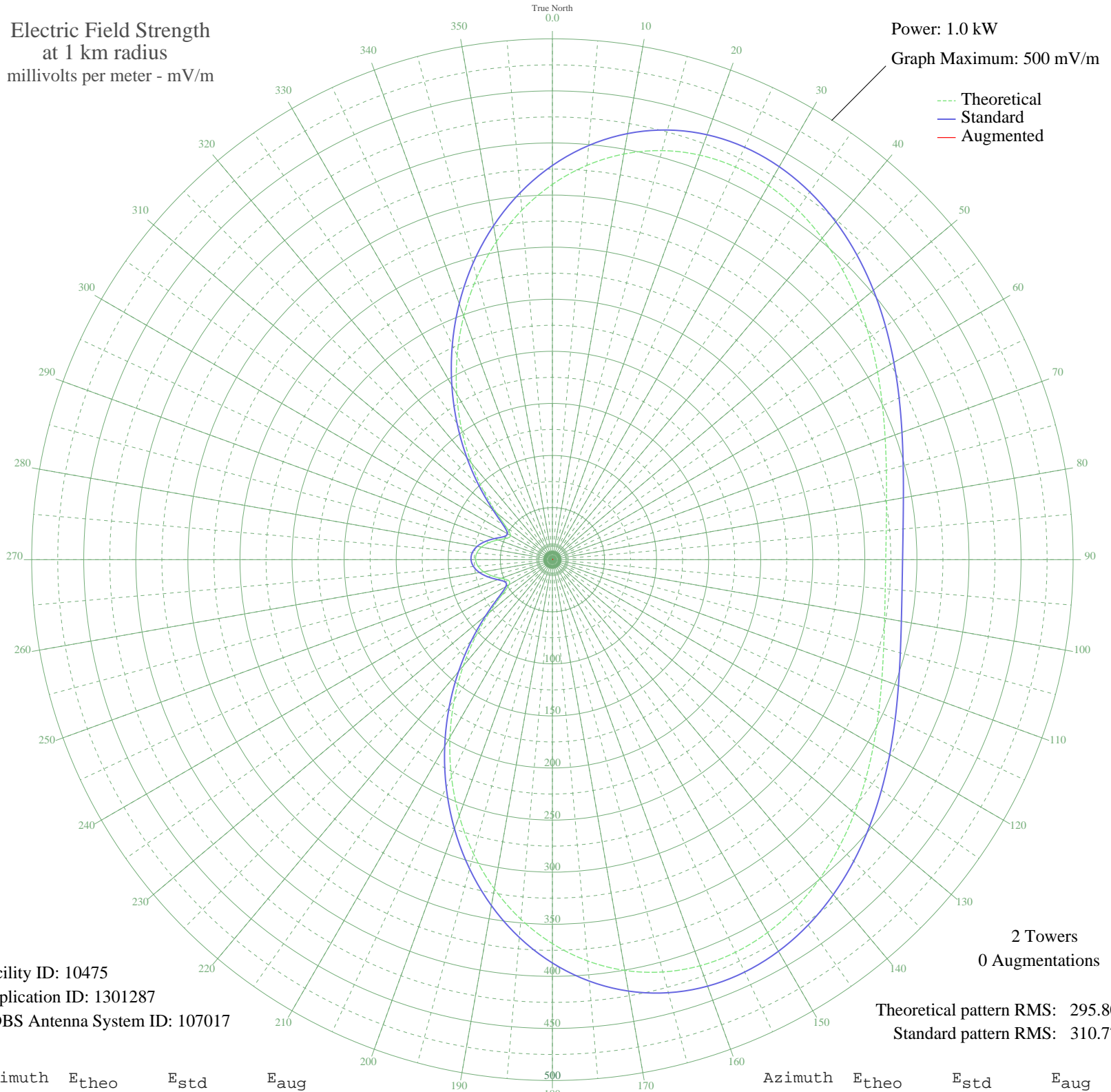


WCXI WIXOM, MI BMJP-20051026AAJ 1160 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 10475  
Application ID: 1301287  
CDBS Antenna System ID: 107017

Theoretical pattern RMS: 295.80  
Standard pattern RMS: 310.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	360.25	378.41	
5	379.93	399.06	
10	395.41	415.32	
15	406.53	426.99	
20	413.30	434.10	
25	415.92	436.84	
30	414.73	435.60	
35	410.24	430.88	
40	403.03	423.31	
45	393.76	413.58	
50	383.12	402.41	
55	371.81	390.54	
60	360.47	378.63	
65	349.71	367.34	
70	340.06	357.21	
75	331.96	348.72	
80	325.78	342.23	
85	321.76	338.02	
90	320.08	336.25	
95	320.81	337.01	
100	323.90	340.26	
105	329.24	345.86	
110	336.61	353.60	
115	345.69	363.12	
120	356.06	374.01	
125	367.24	385.74	
130	378.64	397.71	
135	389.63	409.25	
140	399.53	419.64	
145	407.65	428.16	
150	413.30	434.09	
155	415.88	436.80	
160	414.83	435.70	
165	409.76	430.37	
170	400.39	420.54	
175	386.64	406.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	368.61	387.18	
185	346.57	364.05	
190	320.98	337.19	
195	292.44	307.24	
200	261.66	274.95	
205	229.46	241.16	
210	196.70	206.80	
215	164.27	172.81	
220	133.12	140.17	
225	104.28	109.99	
230	79.05	83.67	
235	59.40	63.25	
240	48.12	51.60	
245	46.80	50.25	
250	52.38	55.99	
255	60.08	63.95	
260	66.97	71.10	
265	71.71	76.03	
270	73.74	78.14	
275	72.87	77.23	
280	69.17	73.38	
285	63.03	67.01	
290	55.41	59.12	
295	48.49	51.99	
300	46.46	49.90	
305	53.72	57.37	
310	70.38	74.64	
315	93.67	98.91	
320	121.24	127.74	
325	151.61	159.53	
330	183.64	193.11	
335	216.38	227.44	
340	248.91	261.56	
345	280.35	294.56	
350	309.88	325.54	
355	336.73	353.72	

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