

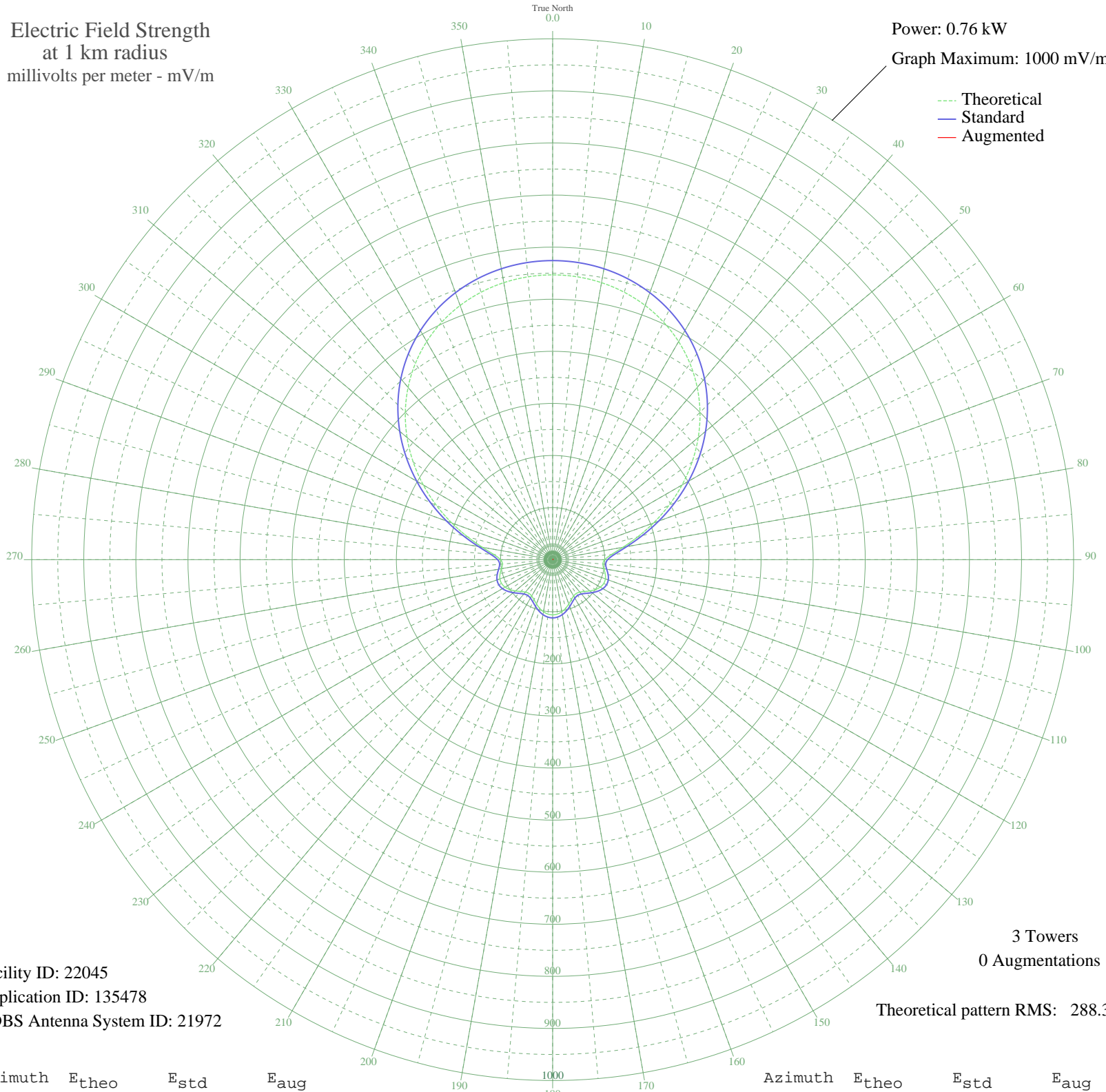
WPON WALLED LAKE, MI BL-19891117AB 1460 kHz

Nighttime

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

Power: 0.76 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 22045
Application ID: 135478
CDBS Antenna System ID: 21972

3 Towers
0 Augmentations

Theoretical pattern RMS: 288.31

Azimuth	E _{theo}	E _{std}	E _{aug}
0	546.77	574.21	
5	545.10	572.45	
10	540.04	567.14	
15	531.50	558.18	
20	519.34	545.42	
25	503.40	528.68	
30	483.52	507.81	
35	459.62	482.72	
40	431.72	453.43	
45	399.98	420.12	
50	364.79	383.18	
55	326.75	343.26	
60	286.77	301.30	
65	246.04	258.57	
70	206.12	216.69	
75	168.98	177.75	
80	137.10	144.35	
85	113.35	119.51	
90	100.05	105.60	
95	96.77	102.18	
100	99.75	105.29	
105	104.43	110.19	
110	107.73	113.63	
115	108.16	114.08	
120	105.45	111.25	
125	100.14	105.70	
130	93.31	98.56	
135	86.46	91.43	
140	81.28	86.03	
145	79.14	83.80	
150	80.52	85.23	
155	84.77	89.67	
160	90.58	95.72	
165	96.54	101.94	
170	101.54	107.17	
175	104.83	110.60	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	105.97	111.80	
185	104.83	110.60	
190	101.54	107.17	
195	96.54	101.94	
200	90.58	95.72	
205	84.77	89.67	
210	80.52	85.23	
215	79.14	83.80	
220	81.28	86.03	
225	86.46	91.43	
230	93.31	98.56	
235	100.14	105.70	
240	105.45	111.25	
245	108.16	114.08	
250	107.73	113.63	
255	104.43	110.19	
260	99.75	105.29	
265	96.77	102.18	
270	100.05	105.60	
275	113.35	119.51	
280	137.10	144.35	
285	168.98	177.75	
290	206.12	216.69	
295	246.04	258.57	
300	286.77	301.30	
305	326.75	343.26	
310	364.79	383.18	
315	399.98	420.12	
320	431.72	453.43	
325	459.62	482.72	
330	483.52	507.81	
335	503.40	528.68	
340	519.34	545.42	
345	531.50	558.18	
350	540.04	567.14	
355	545.10	572.45	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission