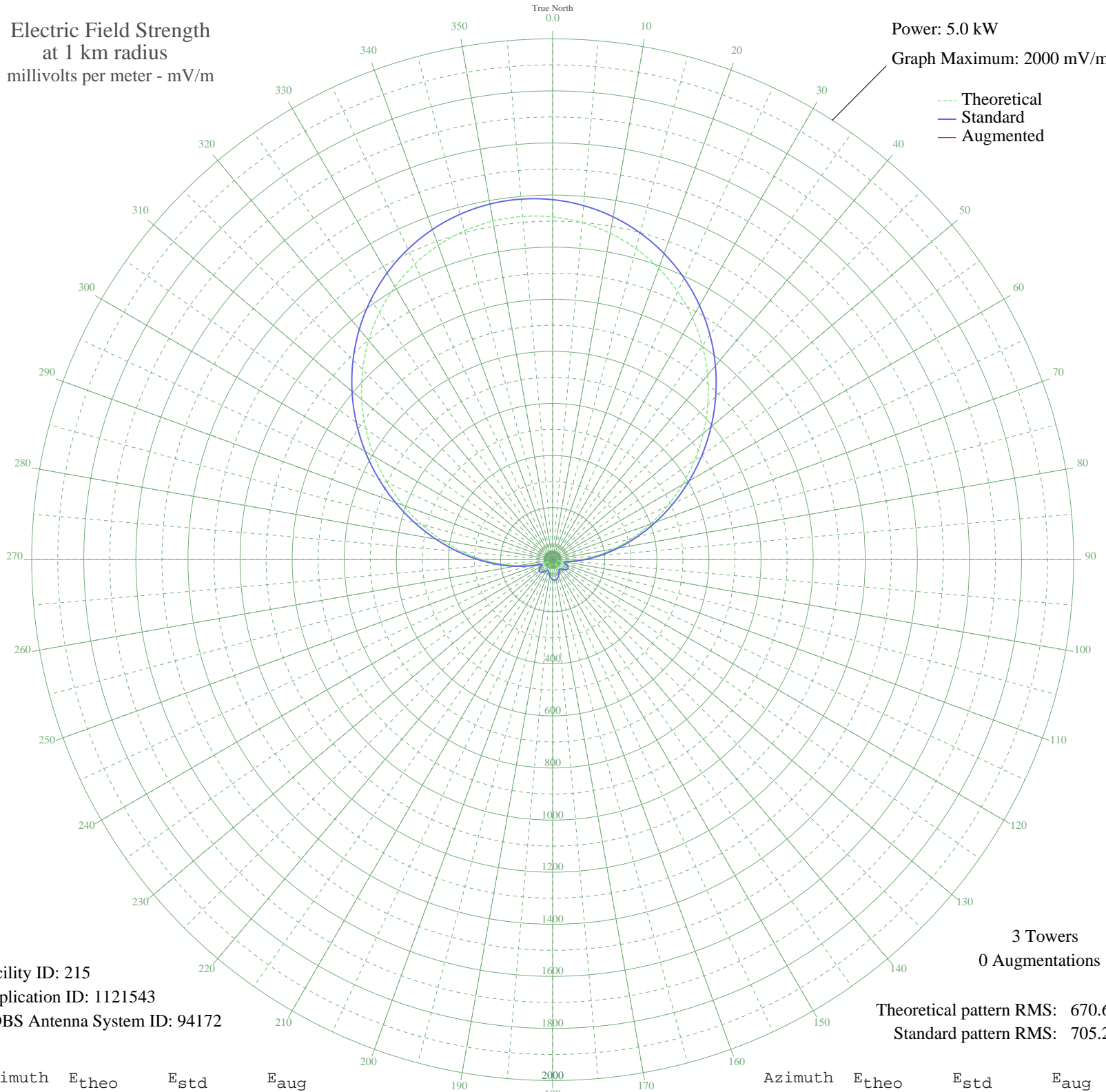


# WMKT CHARLEVOIX, MI BL-20060308AMI 1270 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 215  
Application ID: 1121543  
CDBS Antenna System ID: 94172

3 Towers  
0 Augmentations

Theoretical pattern RMS: 670.61  
Standard pattern RMS: 705.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1316.08	1382.44	
5	1299.22	1364.74	
10	1272.55	1336.76	
15	1236.26	1298.66	
20	1190.61	1250.76	
25	1136.02	1193.47	
30	1073.04	1127.38	
35	1002.41	1053.26	
40	925.08	972.13	
45	842.20	885.18	
50	755.14	793.87	
55	665.46	699.83	
60	574.85	604.86	
65	485.12	510.88	
70	398.11	419.85	
75	315.60	333.69	
80	239.27	254.27	
85	170.60	183.38	
90	110.91	122.88	
95	61.50	75.56	
100	25.91	47.74	
105	22.97	46.05	
110	39.04	56.74	
115	49.96	65.50	
120	53.70	68.69	
125	51.06	66.43	
130	43.42	60.14	
135	32.72	52.14	
140	22.26	45.66	
145	19.39	44.19	
150	27.70	48.83	
155	39.59	57.15	
160	50.61	66.05	
165	59.06	73.38	
170	64.09	77.89	
175	65.28	78.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	62.53	76.48	
185	56.06	70.73	
190	46.44	62.58	
195	34.78	53.60	
200	23.51	46.35	
205	19.02	44.02	
210	26.07	47.83	
215	37.21	55.36	
220	46.97	63.01	
225	52.80	67.92	
230	53.04	68.11	
235	46.46	62.60	
240	32.84	52.22	
245	19.00	44.01	
250	37.89	55.87	
255	79.92	92.63	
260	133.63	145.69	
265	197.06	210.60	
270	268.96	285.12	
275	347.95	367.45	
280	432.47	455.78	
285	520.79	548.23	
290	611.09	642.84	
295	701.54	737.66	
300	790.37	830.82	
305	875.94	920.57	
310	956.75	1005.35	
315	1031.53	1083.81	
320	1099.20	1154.82	
325	1158.90	1217.48	
330	1209.97	1271.08	
335	1251.92	1315.10	
340	1284.39	1349.18	
345	1307.15	1373.06	
350	1320.06	1386.61	
355	1323.04	1389.74	

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