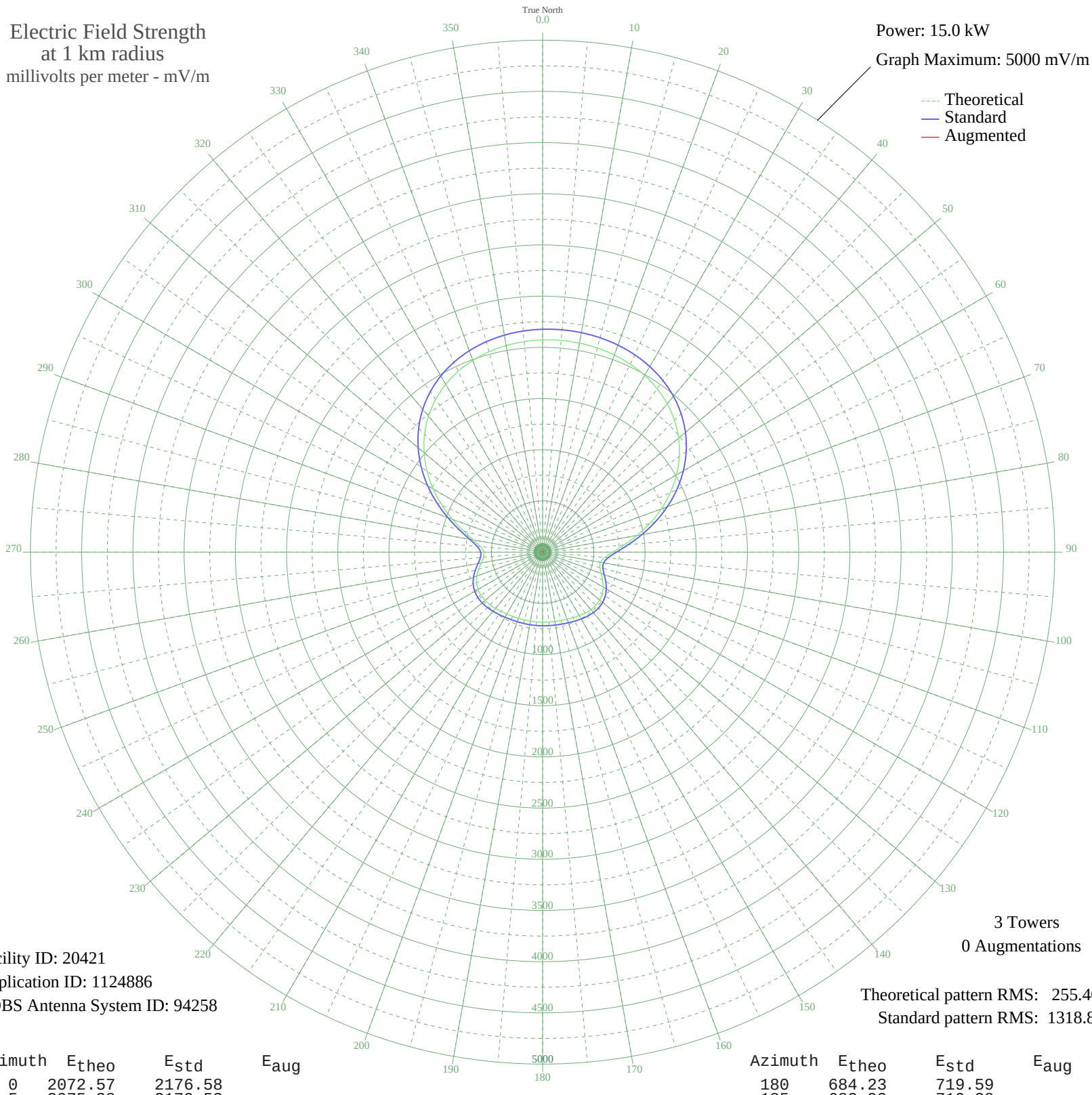
WCCW TRAVERSE CITY, MI BL-20060323AIT 1310 kHz

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

3 Towers
0 Augmentations

Facility ID: 20421
Application ID: 1124886
CDBS Antenna System ID: 94258

Theoretical pattern RMS: 255.40
Standard pattern RMS: 1318.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2072.57	2176.58	
5	2075.38	2179.53	
10	2072.57	2176.58	
15	2063.89	2167.47	
20	2048.56	2151.37	
25	2025.36	2127.02	
30	1992.73	2092.76	
35	1948.86	2046.71	
40	1891.97	1986.98	
45	1820.41	1911.86	
50	1733.02	1820.13	
55	1629.36	1711.31	
60	1509.97	1585.99	
65	1376.67	1446.08	
70	1232.82	1295.10	
75	1083.55	1138.45	
80	936.06	983.70	
85	799.90	840.88	
90	686.93	722.42	
95	609.45	641.21	
100	574.82	604.93	
105	579.07	609.38	
110	608.15	639.85	
115	646.42	679.96	
120	682.52	717.80	
125	710.26	746.88	
130	727.40	764.85	
135	734.33	772.11	
140	733.02	770.74	
145	726.18	763.58	
150	716.63	753.56	
155	706.75	743.20	
160	698.20	734.24	
165	691.80	727.53	
170	687.64	723.17	
175	685.31	720.72	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	684.23	719.59	
185	683.93	719.28	
190	684.23	719.59	
195	685.31	720.72	
200	687.64	723.17	
205	691.80	727.53	
210	698.20	734.24	
215	706.75	743.20	
220	716.63	753.56	
225	726.18	763.58	
230	733.02	770.74	
235	734.33	772.11	
240	727.40	764.85	
245	710.26	746.88	
250	682.52	717.80	
255	646.42	679.96	
260	608.15	639.85	
265	579.07	609.38	
270	574.82	604.93	
275	609.45	641.21	
280	686.93	722.42	
285	799.90	840.88	
290	936.06	983.70	
295	1083.55	1138.45	
300	1232.82	1295.10	
305	1376.67	1446.08	
310	1509.97	1585.99	
315	1629.36	1711.31	
320	1733.02	1820.13	
325	1820.41	1911.86	
330	1891.97	1986.98	
335	1948.87	2046.71	
340	1992.73	2092.76	
345	2025.36	2127.02	
350	2048.56	2151.37	
355	2063.89	2167.47	

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