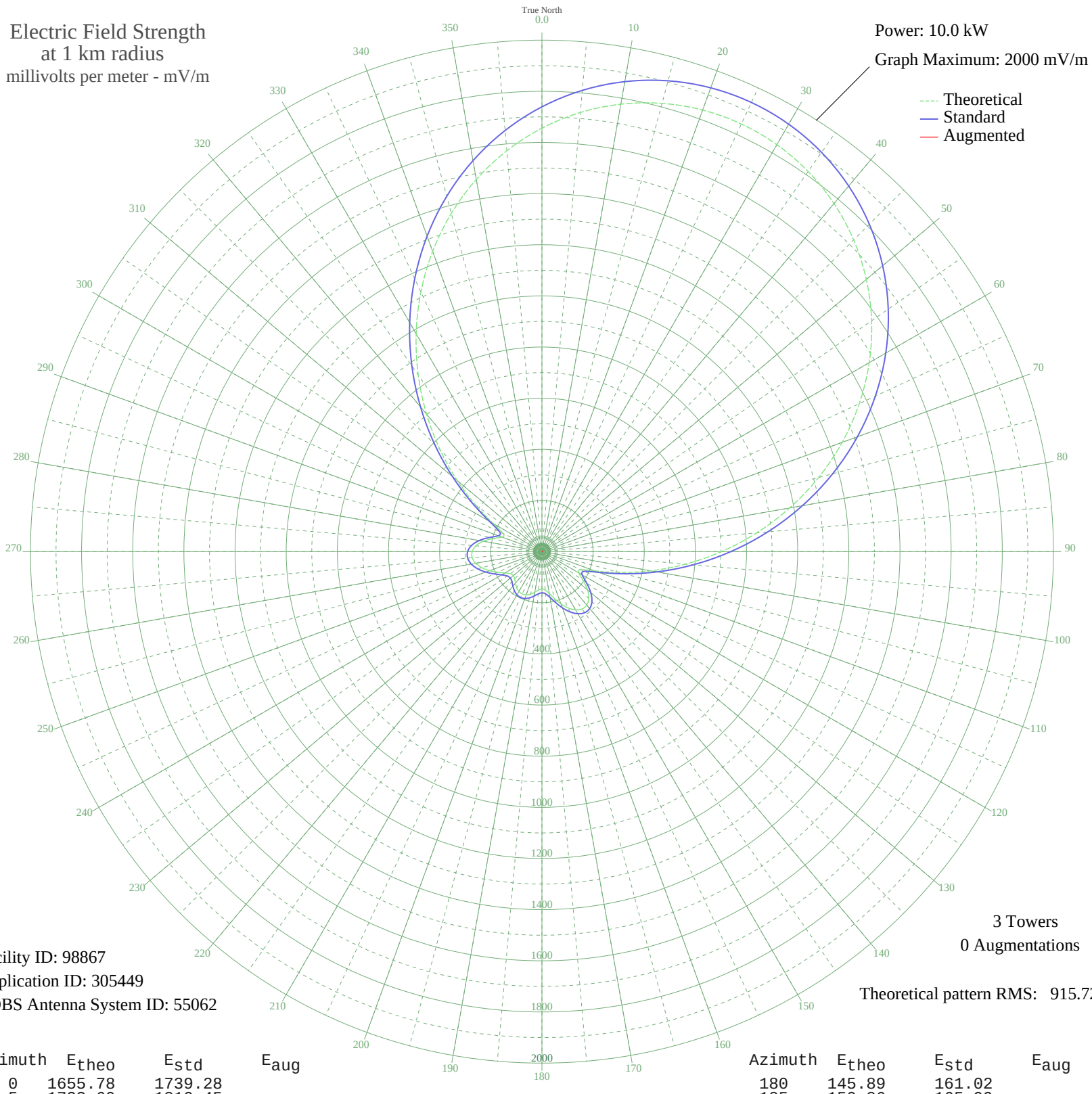
CBQ THUNDER BAY, ON Canada -- 800 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 98867
Application ID: 305449
CDBS Antenna System ID: 55062

Theoretical pattern RMS: 915.72

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1655.78	1739.28	
5	1723.60	1810.45	
10	1776.61	1866.10	
15	1814.58	1905.95	
20	1837.39	1929.90	
25	1845.00	1937.88	
30	1837.39	1929.90	
35	1814.58	1905.95	
40	1776.61	1866.10	
45	1723.60	1810.45	
50	1655.78	1739.28	
55	1573.59	1653.01	
60	1477.69	1552.37	
65	1369.12	1438.43	
70	1249.27	1312.67	
75	1120.02	1177.06	
80	983.71	1034.08	
85	843.17	886.71	
90	701.72	738.48	
95	563.24	593.48	
100	432.31	456.62	
105	314.97	334.42	
110	220.92	237.21	
115	167.15	182.38	
120	166.24	181.46	
125	197.34	213.06	
130	232.44	249.05	
135	258.87	276.31	
140	272.69	290.59	
145	273.54	291.47	
150	262.84	280.41	
155	243.09	260.02	
160	217.63	233.83	
165	190.54	206.13	
170	166.63	181.86	
175	150.76	165.89	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	145.89	161.02	
185	150.86	165.99	
190	161.16	176.34	
195	171.94	187.23	
200	179.70	195.10	
205	182.50	197.94	
210	179.70	195.10	
215	171.94	187.23	
220	161.16	176.34	
225	150.86	165.99	
230	145.89	161.02	
235	150.76	165.89	
240	166.63	181.86	
245	190.54	206.13	
250	217.63	233.83	
255	243.09	260.02	
260	262.84	280.41	
265	273.54	291.47	
270	272.69	290.59	
275	258.87	276.31	
280	232.44	249.05	
285	197.34	213.06	
290	166.24	181.46	
295	167.15	182.38	
300	220.92	237.21	
305	314.97	334.42	
310	432.31	456.63	
315	563.24	593.48	
320	701.73	738.48	
325	843.17	886.71	
330	983.71	1034.08	
335	1120.02	1177.07	
340	1249.27	1312.67	
345	1369.12	1438.43	
350	1477.69	1552.37	
355	1573.59	1653.01	

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