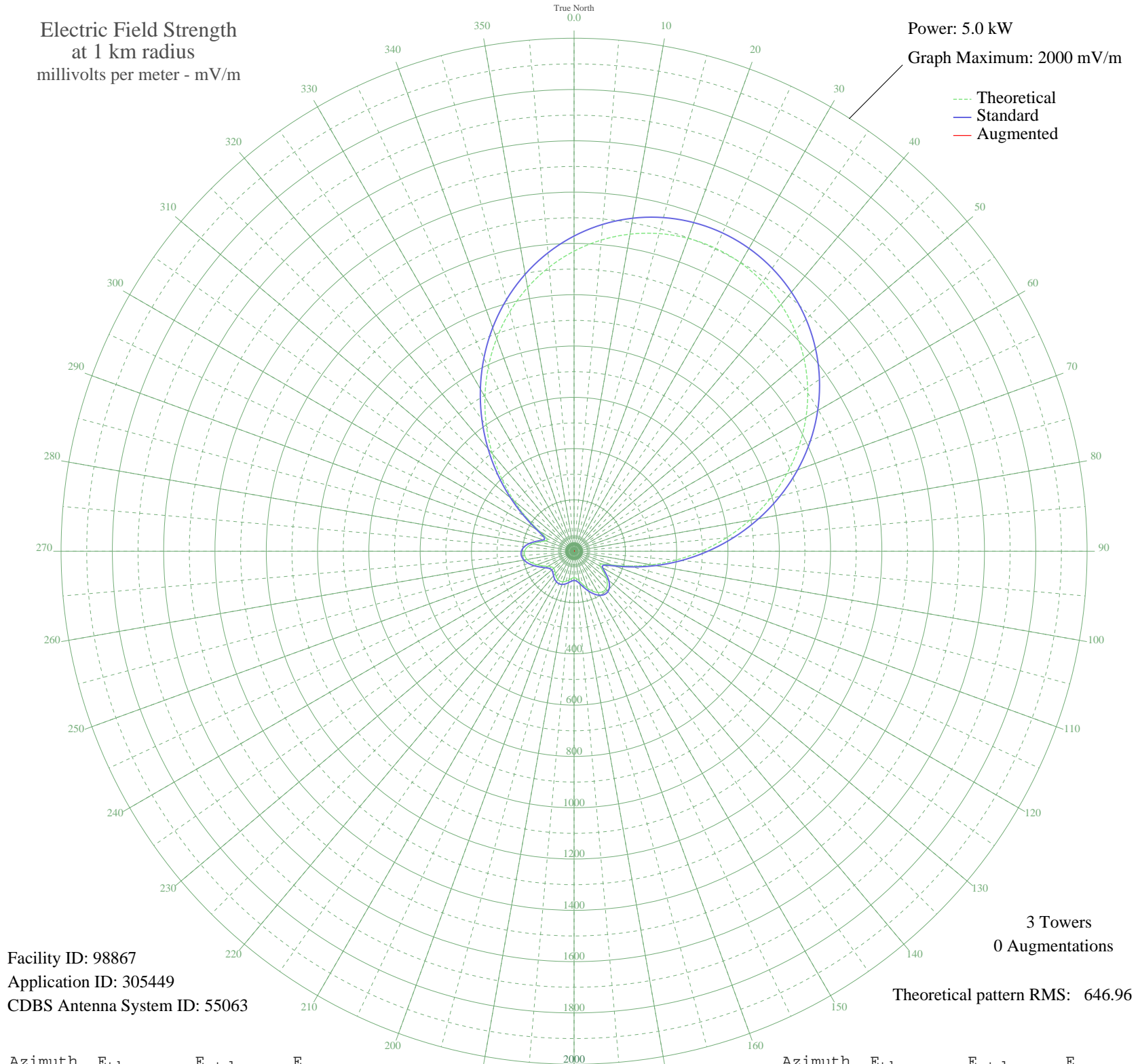


CBQ THUNDER BAY, ON Canada -- 800 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 98867
Application ID: 305449
CDBS Antenna System ID: 55063

3 Towers
0 Augmentations

Theoretical pattern RMS: 646.96

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1169.83	1228.82	
5	1217.75	1279.11	
10	1255.20	1318.43	
15	1282.04	1346.59	
20	1298.16	1363.51	
25	1303.53	1369.16	
30	1298.16	1363.51	
35	1282.04	1346.59	
40	1255.20	1318.43	
45	1217.75	1279.11	
50	1169.83	1228.82	
55	1111.75	1167.86	
60	1043.99	1096.75	
65	967.26	1016.23	
70	882.58	927.37	
75	791.25	831.55	
80	694.93	730.51	
85	595.62	626.38	
90	495.67	521.64	
95	397.82	419.18	
100	305.30	322.48	
105	222.40	236.13	
110	155.97	167.48	
115	118.04	128.81	
120	117.50	128.26	
125	139.53	150.64	
130	164.37	176.11	
135	183.06	195.38	
140	192.82	205.48	
145	193.43	206.10	
150	185.86	198.28	
155	171.90	183.87	
160	153.90	165.35	
165	134.74	145.75	
170	117.82	128.57	
175	106.56	117.25	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	103.07	113.75	
185	106.53	117.22	
190	113.78	124.51	
195	121.39	132.19	
200	126.86	137.74	
205	128.83	139.74	
210	126.86	137.74	
215	121.39	132.19	
220	113.78	124.51	
225	106.53	117.22	
230	103.07	113.75	
235	106.56	117.25	
240	117.82	128.57	
245	134.74	145.75	
250	153.90	165.35	
255	171.90	183.87	
260	185.86	198.28	
265	193.43	206.10	
270	192.82	205.48	
275	183.06	195.38	
280	164.37	176.11	
285	139.53	150.64	
290	117.50	128.26	
295	118.04	128.81	
300	155.97	167.48	
305	222.40	236.14	
310	305.30	322.48	
315	397.82	419.18	
320	495.67	521.64	
325	595.62	626.38	
330	694.93	730.51	
335	791.25	831.55	
340	882.58	927.37	
345	967.26	1016.23	
350	1043.99	1096.75	
355	1111.75	1167.86	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission