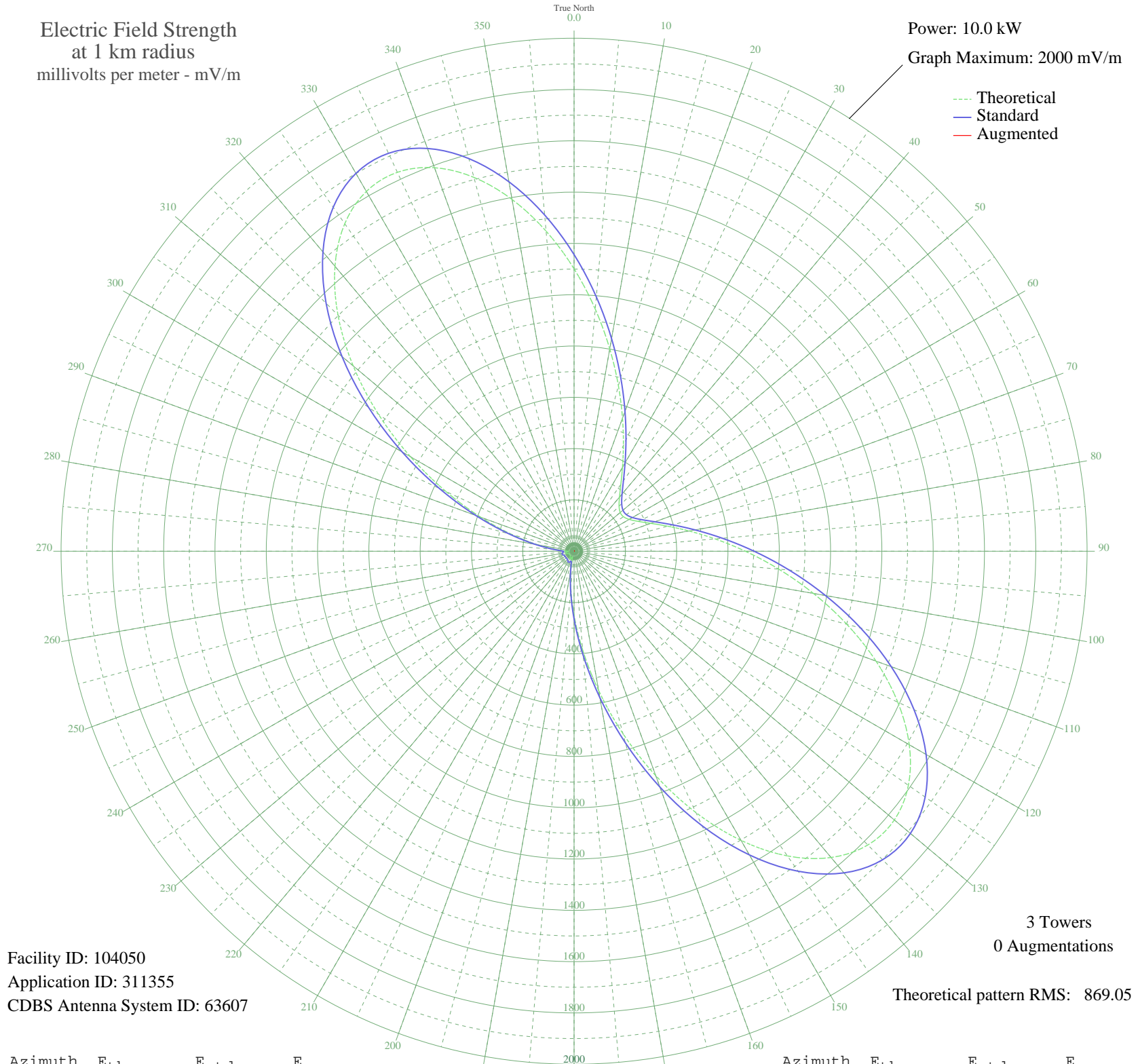


# CIHI FREDERICTON, NB Canada -- 1260 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 104050  
Application ID: 311355  
CDBS Antenna System ID: 63607

3 Towers  
0 Augmentations

Theoretical pattern RMS: 869.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1101.01	1156.54	
5	947.55	995.48	
10	801.05	841.76	
15	667.82	702.00	
20	551.84	580.38	
25	454.93	478.83	
30	377.27	397.52	
35	317.92	335.47	
40	275.40	291.07	
45	248.12	262.64	
50	234.84	248.80	
55	234.84	248.80	
60	248.12	262.64	
65	275.40	291.07	
70	317.92	335.47	
75	377.27	397.52	
80	454.93	478.83	
85	551.84	580.38	
90	667.82	702.00	
95	801.05	841.76	
100	947.55	995.48	
105	1101.01	1156.53	
110	1252.81	1315.87	
115	1392.55	1462.55	
120	1508.94	1584.73	
125	1591.08	1670.97	
130	1629.94	1711.76	
135	1619.68	1700.99	
140	1558.72	1636.99	
145	1450.18	1523.05	
150	1301.66	1367.14	
155	1124.27	1180.95	
160	931.22	978.35	
165	736.14	773.66	
170	551.44	579.96	
175	387.04	407.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	249.65	264.23	
185	142.61	153.38	
190	66.64	77.45	
195	24.54	42.03	
200	25.91	42.93	
205	33.10	48.06	
210	32.04	47.27	
215	26.57	43.37	
220	21.92	40.40	
225	21.17	39.96	
230	22.28	40.62	
235	22.28	40.62	
240	21.17	39.96	
245	21.92	40.40	
250	26.57	43.37	
255	32.04	47.27	
260	33.10	48.06	
265	25.91	42.93	
270	24.54	42.03	
275	66.64	77.45	
280	142.61	153.38	
285	249.65	264.23	
290	387.05	407.75	
295	551.44	579.97	
300	736.15	773.67	
305	931.23	978.35	
310	1124.27	1180.95	
315	1301.66	1367.14	
320	1450.18	1523.05	
325	1558.72	1636.99	
330	1619.68	1700.99	
335	1629.94	1711.76	
340	1591.08	1670.97	
345	1508.93	1584.73	
350	1392.55	1462.55	
355	1252.81	1315.87	

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