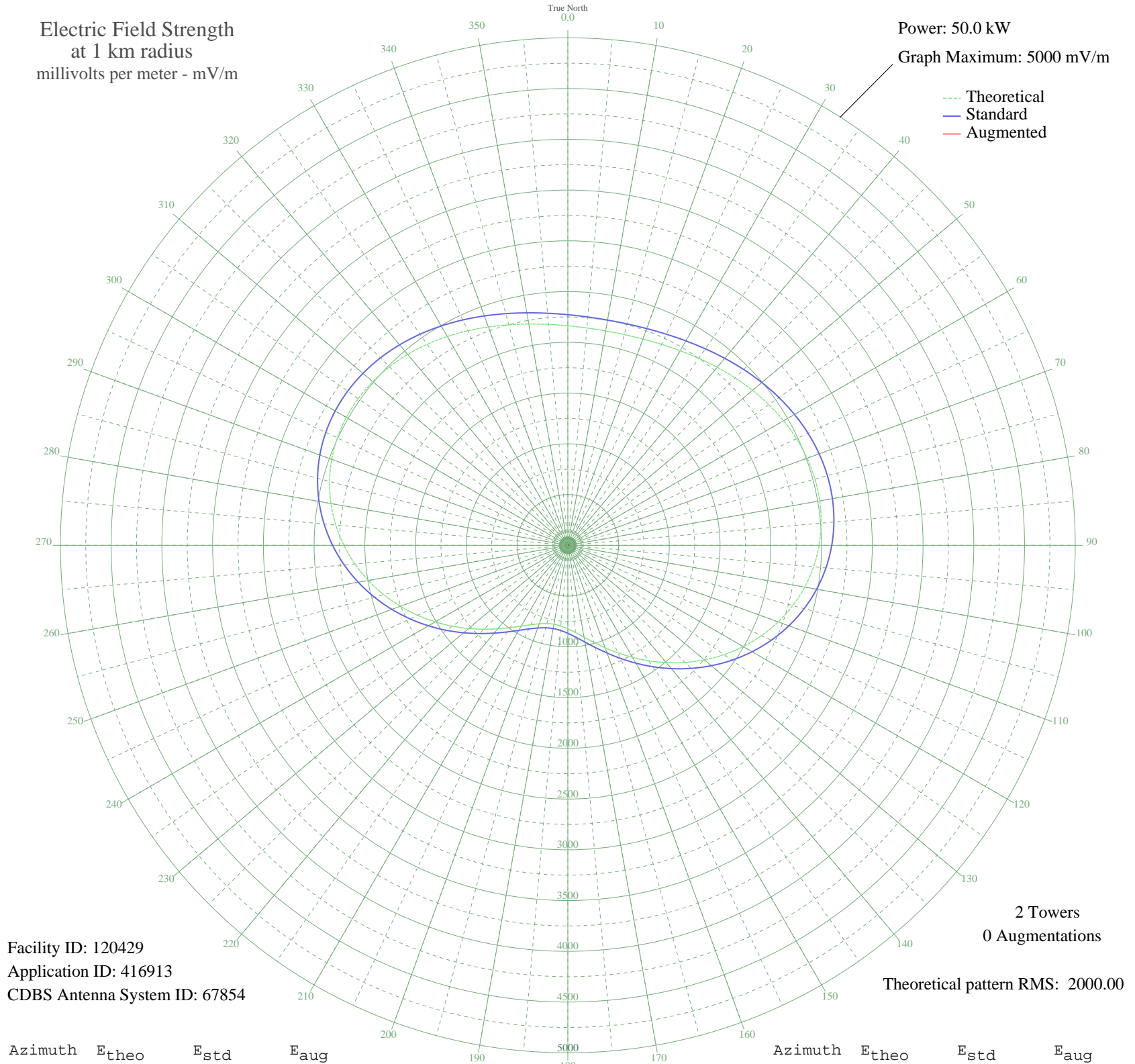


# CINF MONTREAL, QC Canada -- 690 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 120429  
Application ID: 416913  
CDBS Antenna System ID: 67854

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2000.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2162.75	2272.10	
5	2149.29	2257.98	
10	2144.74	2253.20	
15	2149.29	2257.98	
20	2162.75	2272.10	
25	2184.57	2294.99	
30	2213.82	2325.69	
35	2249.25	2362.87	
40	2289.27	2404.88	
45	2332.02	2449.75	
50	2375.41	2495.28	
55	2417.15	2539.10	
60	2454.89	2578.71	
65	2486.25	2611.62	
70	2508.93	2635.43	
75	2520.84	2647.92	
80	2520.15	2647.20	
85	2505.43	2631.75	
90	2475.73	2600.57	
95	2430.57	2553.18	
100	2370.07	2489.68	
105	2294.90	2410.79	
110	2206.24	2317.74	
115	2105.78	2212.32	
120	1995.62	2096.72	
125	1878.15	1973.46	
130	1756.01	1845.30	
135	1631.90	1715.11	
140	1508.58	1585.75	
145	1388.68	1460.00	
150	1274.68	1340.47	
155	1168.86	1229.55	
160	1073.22	1129.33	
165	989.49	1041.61	
170	919.09	967.90	
175	863.19	909.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	822.65	866.96	
185	798.08	841.27	
190	789.86	832.66	
195	798.08	841.27	
200	822.65	866.97	
205	863.19	909.38	
210	919.09	967.90	
215	989.49	1041.61	
220	1073.22	1129.33	
225	1168.86	1229.55	
230	1274.68	1340.48	
235	1388.68	1460.00	
240	1508.58	1585.75	
245	1631.91	1715.11	
250	1756.01	1845.30	
255	1878.16	1973.46	
260	1995.62	2096.72	
265	2105.79	2212.32	
270	2206.24	2317.74	
275	2294.90	2410.79	
280	2370.07	2489.69	
285	2430.57	2553.18	
290	2475.73	2600.57	
295	2505.43	2631.75	
300	2520.15	2647.20	
305	2520.84	2647.92	
310	2508.93	2635.43	
315	2486.25	2611.62	
320	2454.89	2578.71	
325	2417.15	2539.10	
330	2375.41	2495.28	
335	2332.02	2449.75	
340	2289.27	2404.88	
345	2249.25	2362.87	
350	2213.82	2325.69	
355	2184.57	2294.99	

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