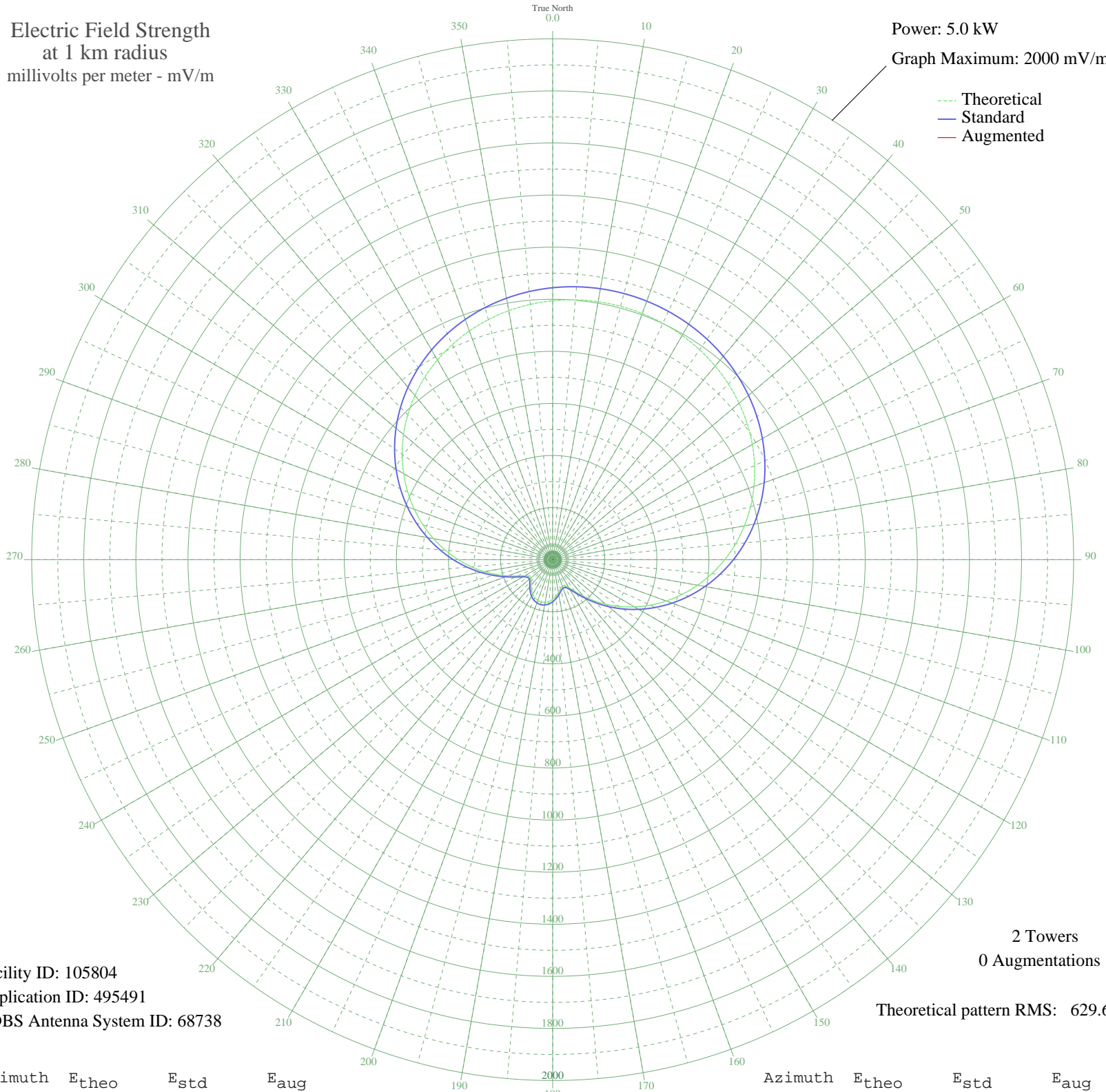


# CJMT CHICOUTIMI, QC Canada -- 1420 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105804  
Application ID: 495491  
CDBS Antenna System ID: 68738

2 Towers  
0 Augmentations

Theoretical pattern RMS: 629.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	994.23	1044.20	
5	1001.51	1051.84	
10	1005.85	1056.40	
15	1007.29	1057.92	
20	1005.85	1056.40	
25	1001.51	1051.84	
30	994.23	1044.20	
35	983.96	1033.42	
40	970.63	1019.43	
45	954.15	1002.14	
50	934.47	981.47	
55	911.49	957.36	
60	885.20	929.75	
65	855.57	898.65	
70	822.64	864.09	
75	786.49	826.15	
80	747.28	785.00	
85	705.21	740.84	
90	660.56	693.99	
95	613.69	644.80	
100	564.99	593.71	
105	514.96	541.22	
110	464.14	487.91	
115	413.12	434.41	
120	362.57	381.42	
125	313.23	329.73	
130	265.95	280.24	
135	221.76	234.02	
140	181.97	192.50	
145	148.44	157.62	
150	123.68	131.97	
155	110.27	118.14	
160	108.76	116.59	
165	116.22	124.26	
170	128.13	136.57	
175	140.92	149.82	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	152.36	161.69	
185	161.18	170.86	
190	166.70	176.61	
195	168.58	178.56	
200	166.70	176.61	
205	161.18	170.86	
210	152.36	161.69	
215	140.92	149.82	
220	128.13	136.57	
225	116.22	124.26	
230	108.76	116.59	
235	110.27	118.14	
240	123.68	131.97	
245	148.44	157.62	
250	181.97	192.51	
255	221.76	234.02	
260	265.95	280.24	
265	313.24	329.73	
270	362.57	381.42	
275	413.12	434.41	
280	464.14	487.91	
285	514.96	541.22	
290	564.99	593.71	
295	613.69	644.80	
300	660.56	693.99	
305	705.21	740.84	
310	747.28	785.00	
315	786.49	826.15	
320	822.64	864.09	
325	855.57	898.65	
330	885.20	929.75	
335	911.49	957.36	
340	934.47	981.47	
345	954.16	1002.14	
350	970.63	1019.43	
355	983.96	1033.42	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission