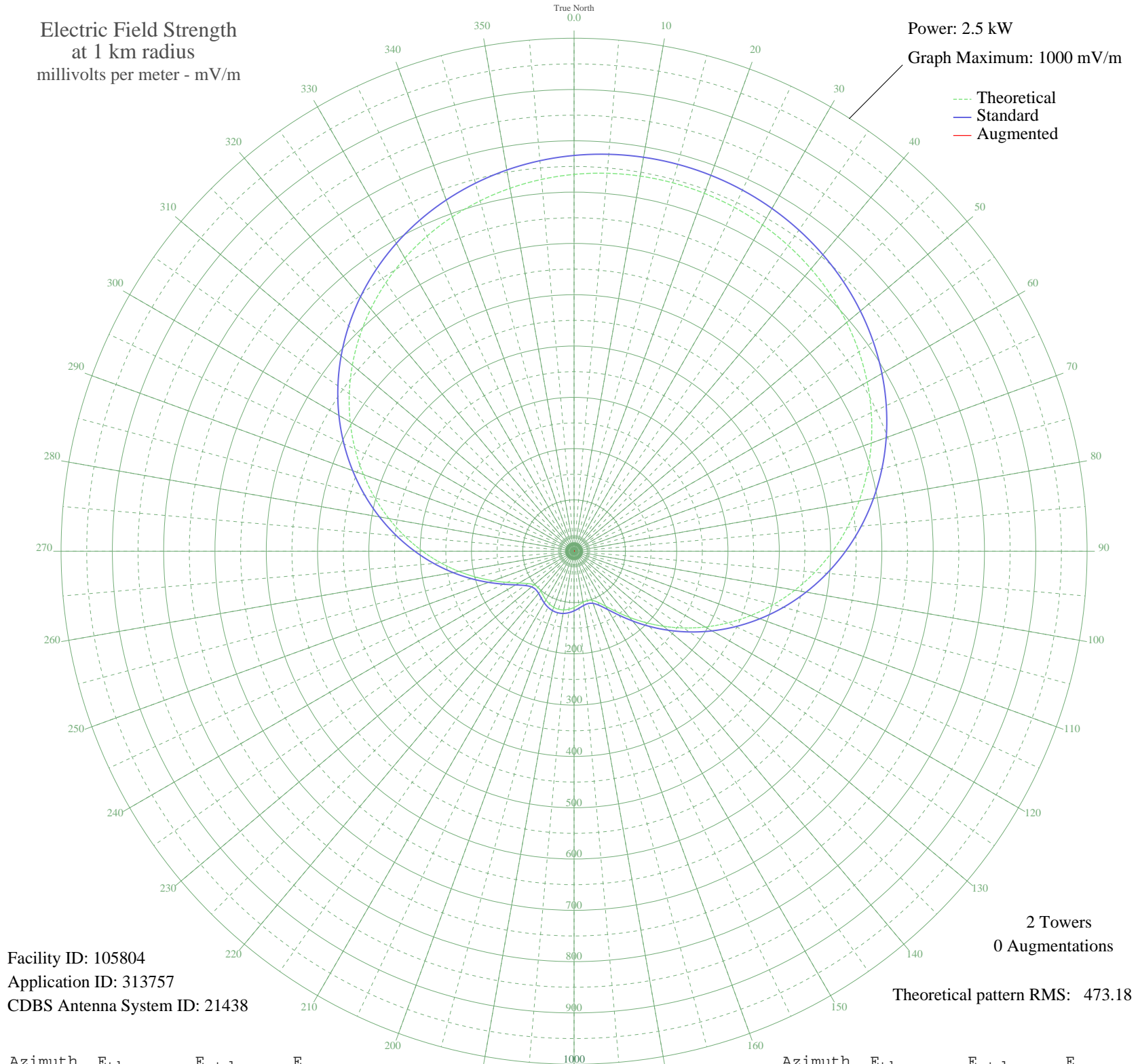


CJMT CHICOUTIMI, QC Canada -- 1420 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 105804
Application ID: 313757
CDBS Antenna System ID: 21438

2 Towers
0 Augmentations

Theoretical pattern RMS: 473.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	734.59	771.50	
5	739.55	776.71	
10	742.51	779.81	
15	743.49	780.84	
20	742.51	779.81	
25	739.55	776.71	
30	734.59	771.50	
35	727.58	764.14	
40	718.47	754.57	
45	707.19	742.74	
50	693.68	728.56	
55	677.89	711.98	
60	659.78	692.97	
65	639.32	671.50	
70	616.54	647.59	
75	591.49	621.29	
80	564.25	592.70	
85	534.98	561.97	
90	503.85	529.31	
95	471.13	494.97	
100	437.09	459.25	
105	402.08	422.51	
110	366.49	385.18	
115	330.75	347.69	
120	295.33	310.55	
125	260.76	274.31	
130	227.62	239.58	
135	196.55	207.05	
140	168.32	177.52	
145	143.80	151.91	
150	123.99	131.26	
155	109.84	116.53	
160	101.80	108.18	
165	99.37	105.66	
170	101.06	107.42	
175	105.01	111.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	109.57	116.25	
185	113.54	120.39	
190	116.20	123.14	
195	117.12	124.11	
200	116.20	123.14	
205	113.54	120.39	
210	109.57	116.25	
215	105.01	111.52	
220	101.06	107.42	
225	99.37	105.66	
230	101.80	108.18	
235	109.84	116.53	
240	123.99	131.26	
245	143.80	151.91	
250	168.32	177.52	
255	196.55	207.05	
260	227.62	239.58	
265	260.76	274.31	
270	295.33	310.55	
275	330.75	347.69	
280	366.49	385.18	
285	402.08	422.52	
290	437.09	459.25	
295	471.13	494.97	
300	503.85	529.31	
305	534.98	561.97	
310	564.25	592.70	
315	591.49	621.29	
320	616.54	647.59	
325	639.32	671.50	
330	659.78	692.97	
335	677.89	711.98	
340	693.68	728.56	
345	707.19	742.74	
350	718.47	754.57	
355	727.58	764.14	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission