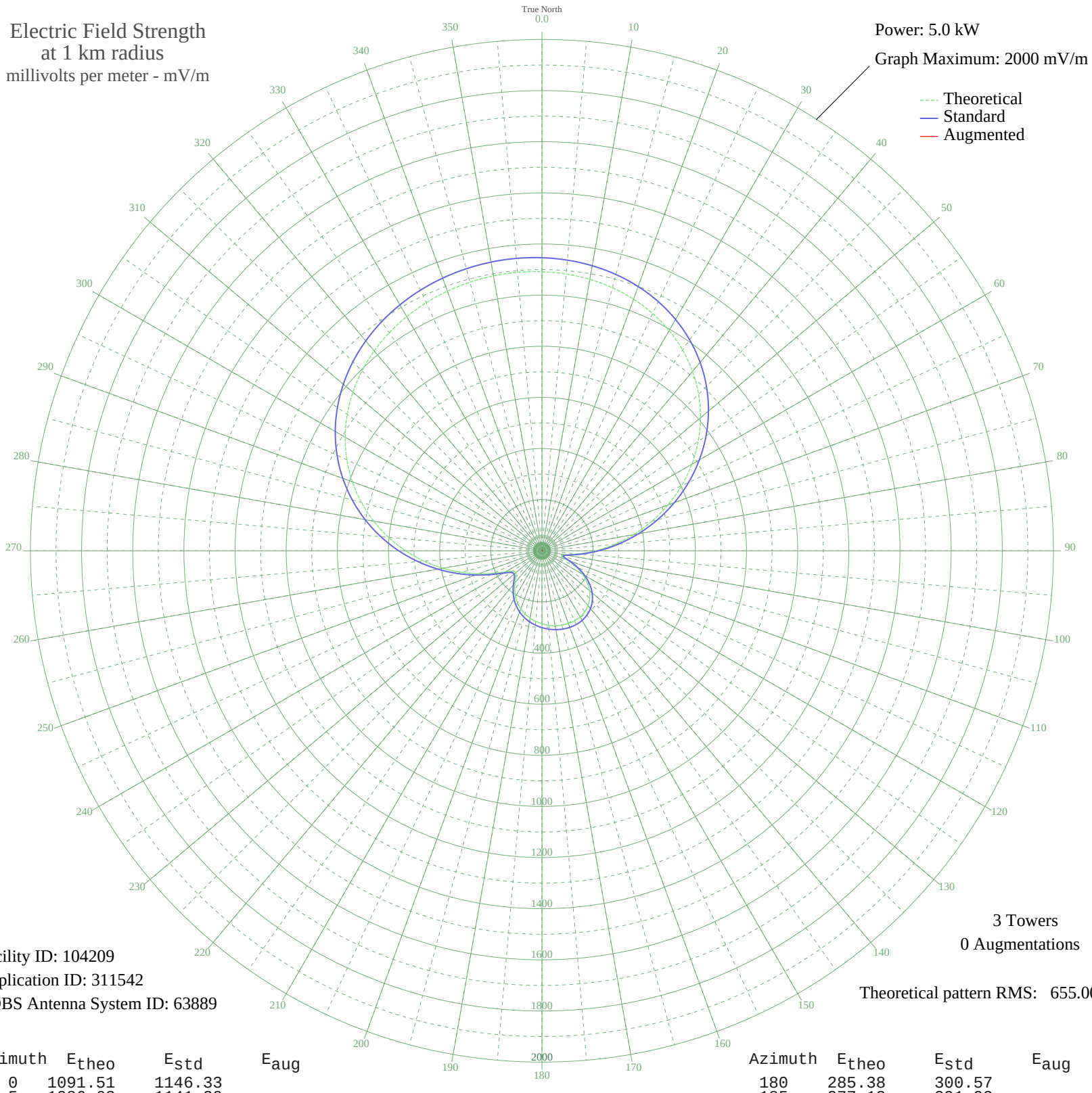
CFGT ALMA, QC Canada -- 1270 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 104209
Application ID: 311542
CDBS Antenna System ID: 63889

Theoretical pattern RMS: 655.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1091.51	1146.33	
5	1086.63	1141.20	
10	1078.02	1132.16	
15	1065.14	1118.64	
20	1047.38	1100.00	
25	1024.13	1075.59	
30	994.79	1044.79	
35	958.86	1007.08	
40	916.00	962.09	
45	866.08	909.69	
50	809.19	849.98	
55	745.74	783.38	
60	676.40	710.61	
65	602.17	632.72	
70	524.31	551.02	
75	444.31	467.12	
80	363.91	382.83	
85	285.07	300.24	
90	210.18	221.94	
95	142.99	151.96	
100	92.30	99.72	
105	79.15	86.36	
110	106.10	113.86	
115	145.12	154.17	
120	182.87	193.45	
125	215.76	227.77	
130	242.89	256.11	
135	264.24	278.44	
140	280.22	295.17	
145	291.41	306.88	
150	298.45	314.25	
155	302.01	317.97	
160	302.68	318.68	
165	301.01	316.93	
170	297.40	313.15	
175	292.14	307.64	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	285.38	300.57	
185	277.12	291.92	
190	267.24	281.58	
195	255.50	269.30	
200	241.61	254.78	
205	225.31	237.73	
210	206.50	218.09	
215	185.53	196.22	
220	163.71	173.49	
225	144.20	153.22	
230	133.22	141.83	
235	138.88	147.71	
240	164.98	174.82	
245	208.19	219.85	
250	263.16	277.31	
255	325.75	342.84	
260	393.02	413.34	
265	462.68	486.38	
270	532.83	559.97	
275	601.81	632.34	
280	668.21	702.01	
285	730.83	767.74	
290	788.79	828.56	
295	841.43	883.81	
300	888.40	933.12	
305	929.59	976.35	
310	965.10	1013.63	
315	995.23	1045.26	
320	1020.38	1071.66	
325	1041.02	1093.33	
330	1057.65	1110.78	
335	1070.72	1124.50	
340	1080.60	1134.87	
345	1087.56	1142.18	
350	1091.73	1146.56	
355	1093.11	1148.00	

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