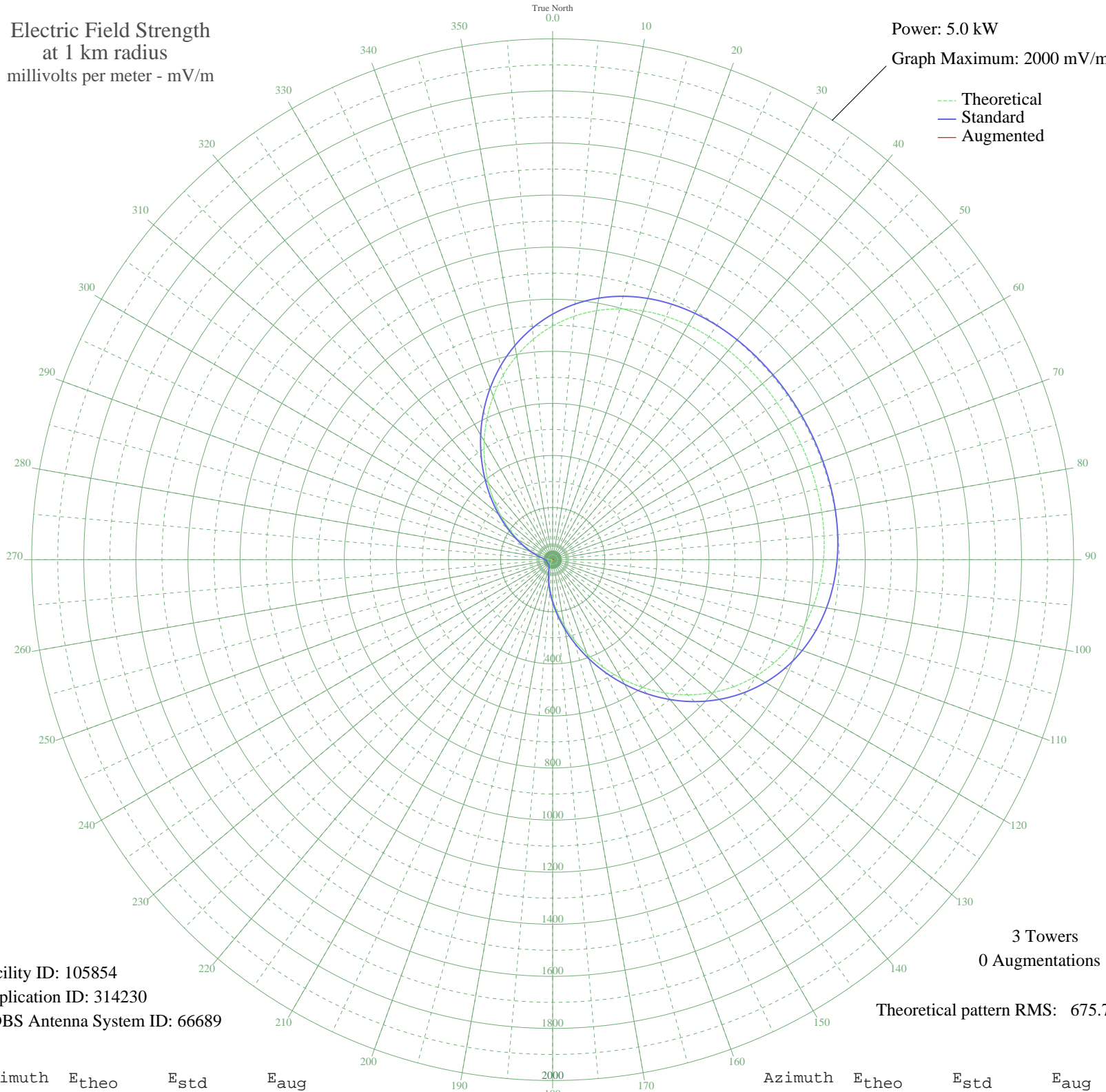


NEW MONCTON, NB Canada -- 1530 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 105854
Application ID: 314230
CDBS Antenna System ID: 66689

3 Towers
0 Augmentations
Theoretical pattern RMS: 675.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	897.52	942.69	
5	937.91	985.09	
10	970.90	1019.71	
15	996.84	1046.95	
20	1016.41	1067.49	
25	1030.44	1082.22	
30	1039.91	1092.16	
35	1045.83	1098.37	
40	1049.16	1101.86	
45	1050.76	1103.55	
50	1051.36	1104.18	
55	1051.50	1104.33	
60	1051.51	1104.34	
65	1051.50	1104.33	
70	1051.36	1104.18	
75	1050.76	1103.55	
80	1049.16	1101.86	
85	1045.83	1098.37	
90	1039.91	1092.16	
95	1030.44	1082.22	
100	1016.41	1067.49	
105	996.84	1046.95	
110	970.90	1019.71	
115	937.91	985.09	
120	897.52	942.69	
125	849.70	892.50	
130	794.82	834.89	
135	733.66	770.70	
140	667.39	701.16	
145	597.51	627.82	
150	525.76	552.54	
155	454.00	477.28	
160	384.12	404.01	
165	317.85	334.57	
170	256.69	270.55	
175	201.81	213.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	153.99	163.39	
185	113.60	121.57	
190	80.62	87.84	
195	54.67	62.02	
200	35.10	43.70	
205	21.07	32.26	
210	11.60	26.45	
215	5.68	24.23	
220	2.36	23.61	
225	0.75	23.49	
230	0.15	23.48	
235	0.01	23.48	
240	0.00	23.48	
245	0.01	23.48	
250	0.15	23.48	
255	0.75	23.49	
260	2.36	23.61	
265	5.68	24.23	
270	11.60	26.45	
275	21.07	32.26	
280	35.10	43.70	
285	54.67	62.02	
290	80.62	87.84	
295	113.60	121.57	
300	153.99	163.39	
305	201.81	213.20	
310	256.69	270.55	
315	317.85	334.57	
320	384.12	404.01	
325	454.00	477.28	
330	525.76	552.54	
335	597.51	627.82	
340	667.39	701.16	
345	733.66	770.70	
350	794.82	834.89	
355	849.70	892.50	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission