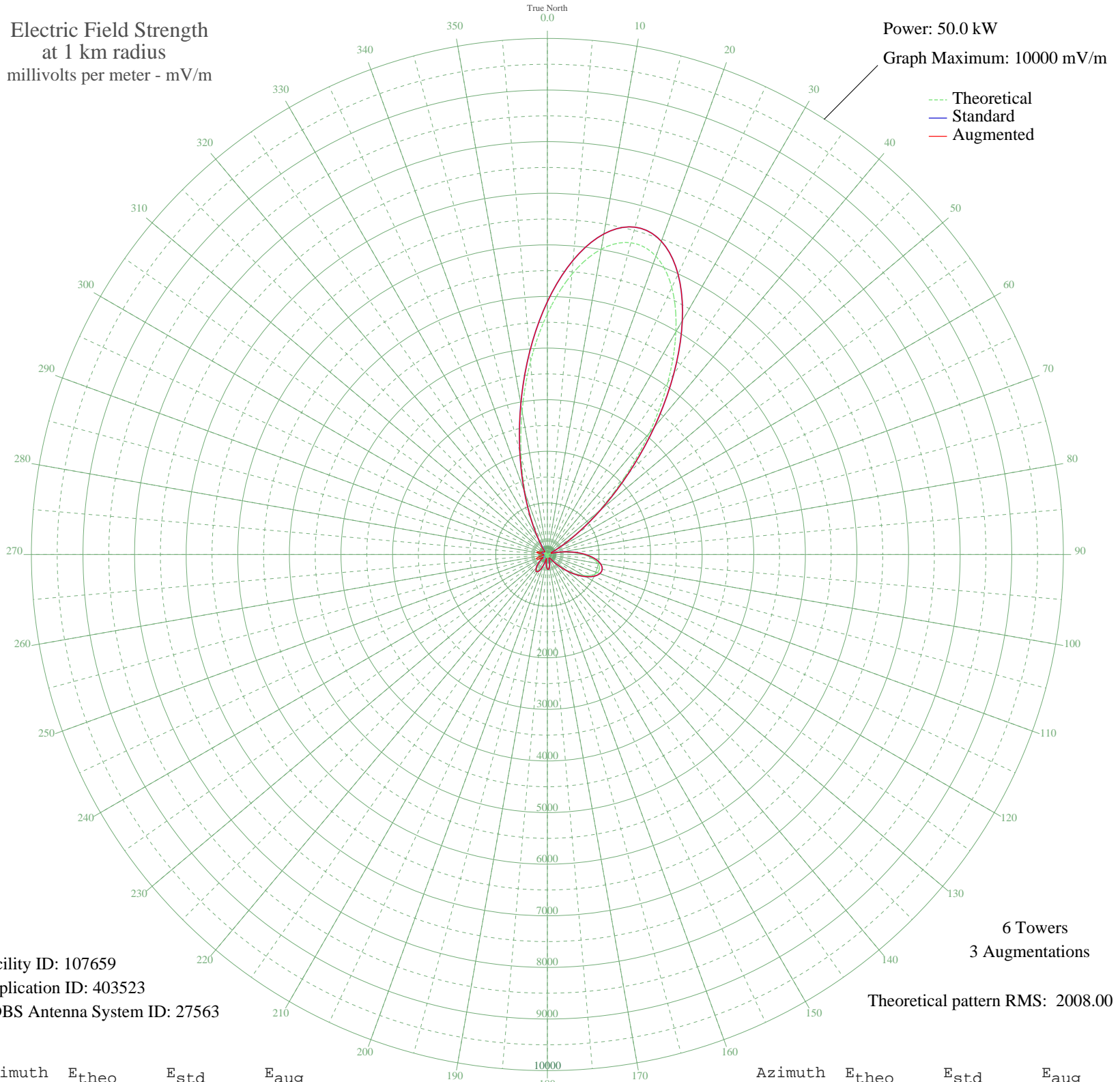


CKGM MONTREAL, QC Canada -- 990 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 107659
Application ID: 403523
CDBS Antenna System ID: 27563

6 Towers
3 Augmentations
Theoretical pattern RMS: 2008.00

Azimuth	Etheo	Estd	Eaug
0	4665.13	4898.95	4898.95
5	5451.10	5724.14	5724.14
10	6007.34	6308.15	6308.15
15	6253.85	6566.96	6566.96
20	6150.79	6458.75	6458.75
25	5707.38	5993.21	5993.21
30	4980.75	5230.32	5230.32
35	4064.85	4268.74	4268.74
40	3072.52	3227.00	3227.00
45	2115.35	2222.36	2222.36
50	1285.94	1352.28	1352.28
55	646.16	682.51	682.51
60	222.82	245.46	245.46
65	12.02	75.31	75.31
70	23.05	78.09	78.09
75	80.08	112.17	112.17
80	265.65	288.65	288.65
85	486.05	515.73	515.73
90	699.98	738.72	738.72
95	876.41	923.22	923.22
100	995.07	1047.45	1047.45
105	1045.71	1100.51	1100.51
110	1026.86	1080.76	1080.76
115	944.33	994.33	994.33
120	810.01	853.75	853.75
125	640.64	676.76	676.76
130	456.51	485.05	485.05
135	279.67	302.90	302.90
140	131.52	156.79	156.79
145	29.68	80.52	80.52
150	15.69	76.05	76.05
155	4.71	74.41	74.41
160	54.20	93.55	93.55
165	136.24	161.17	161.17
170	214.79	237.44	237.44
175	262.01	284.95	284.95

Azimuth	Etheo	Estd	Eaug
180	257.45	280.33	280.33
185	194.09	216.90	216.90
190	80.84	112.77	112.77
195	60.06	97.41	97.41
200	197.91	220.67	220.67
205	304.36	328.09	328.09
210	359.75	384.96	384.96
215	358.39	383.57	383.57
220	308.75	332.58	332.58
225	229.34	251.99	251.99
230	142.32	166.86	166.86
235	67.06	102.32	102.32
240	15.84	76.09	144.95
245	10.47	75.06	216.50
250	13.10	75.51	223.99
255	3.58	74.34	162.08
260	7.86	74.70	79.16
265	12.56	75.41	75.41
270	6.11	74.52	74.52
275	12.47	75.39	99.49
280	37.59	84.08	197.19
285	62.98	99.43	192.11
290	80.54	112.53	117.26
295	83.37	114.78	114.78
300	68.07	103.06	103.06
305	37.10	83.84	83.84
310	0.87	74.25	74.25
315	21.06	77.47	77.47
320	1.63	74.27	74.27
325	101.93	130.26	200.00
330	322.24	346.40	346.40
335	696.02	734.59	734.59
340	1243.95	1308.25	1308.25
345	1963.42	2062.93	2062.93
350	2821.50	2963.51	2963.51
355	3752.90	3941.25	3941.25

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission