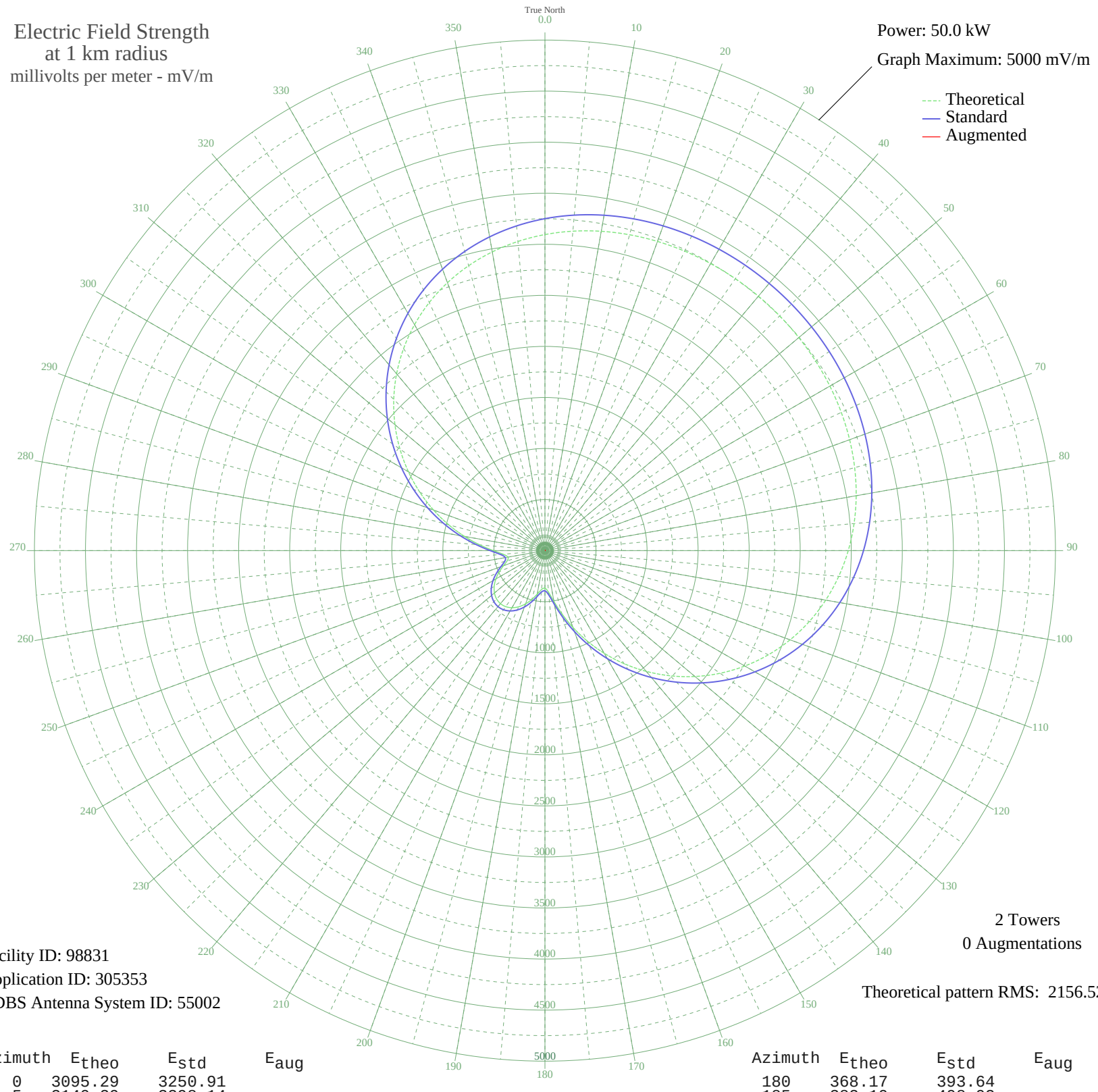
CKAC MONTREAL, QC Canada -- 730 kHz

Unlimited Time

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98831
Application ID: 305353
CDBS Antenna System ID: 55002

Theoretical pattern RMS: 2156.52

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3095.29	3250.91	
5	3140.29	3298.14	
10	3175.54	3335.15	
15	3202.45	3363.39	
20	3222.36	3384.29	
25	3236.47	3399.10	
30	3245.78	3408.88	
35	3251.06	3414.42	
40	3252.77	3416.21	
45	3251.06	3414.42	
50	3245.78	3408.88	
55	3236.47	3399.10	
60	3222.36	3384.29	
65	3202.45	3363.39	
70	3175.54	3335.15	
75	3140.29	3298.15	
80	3095.29	3250.91	
85	3039.16	3191.98	
90	2970.59	3120.01	
95	2888.52	3033.85	
100	2792.11	2932.66	
105	2680.91	2815.94	
110	2554.87	2683.65	
115	2414.41	2536.21	
120	2260.41	2374.59	
125	2094.26	2200.23	
130	1917.83	2015.09	
135	1733.39	1821.58	
140	1543.65	1622.54	
145	1351.68	1421.20	
150	1160.91	1221.21	
155	975.28	1026.73	
160	799.50	842.75	
165	639.77	675.85	
170	505.22	535.65	
175	409.61	436.45	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	368.17	393.64	
185	382.10	408.02	
190	431.61	459.24	
195	493.98	523.97	
200	554.87	587.32	
205	606.73	641.38	
210	645.68	682.01	
215	669.69	707.09	
220	677.80	715.55	
225	669.69	707.09	
230	645.68	682.01	
235	606.73	641.38	
240	554.87	587.32	
245	493.98	523.97	
250	431.61	459.24	
255	382.10	408.02	
260	368.17	393.64	
265	409.61	436.45	
270	505.22	535.65	
275	639.77	675.85	
280	799.50	842.75	
285	975.28	1026.73	
290	1160.91	1221.21	
295	1351.68	1421.20	
300	1543.65	1622.54	
305	1733.39	1821.58	
310	1917.83	2015.09	
315	2094.26	2200.23	
320	2260.41	2374.59	
325	2414.41	2536.21	
330	2554.87	2683.65	
335	2680.91	2815.94	
340	2792.11	2932.66	
345	2888.52	3033.85	
350	2970.59	3120.01	
355	3039.16	3191.98	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission