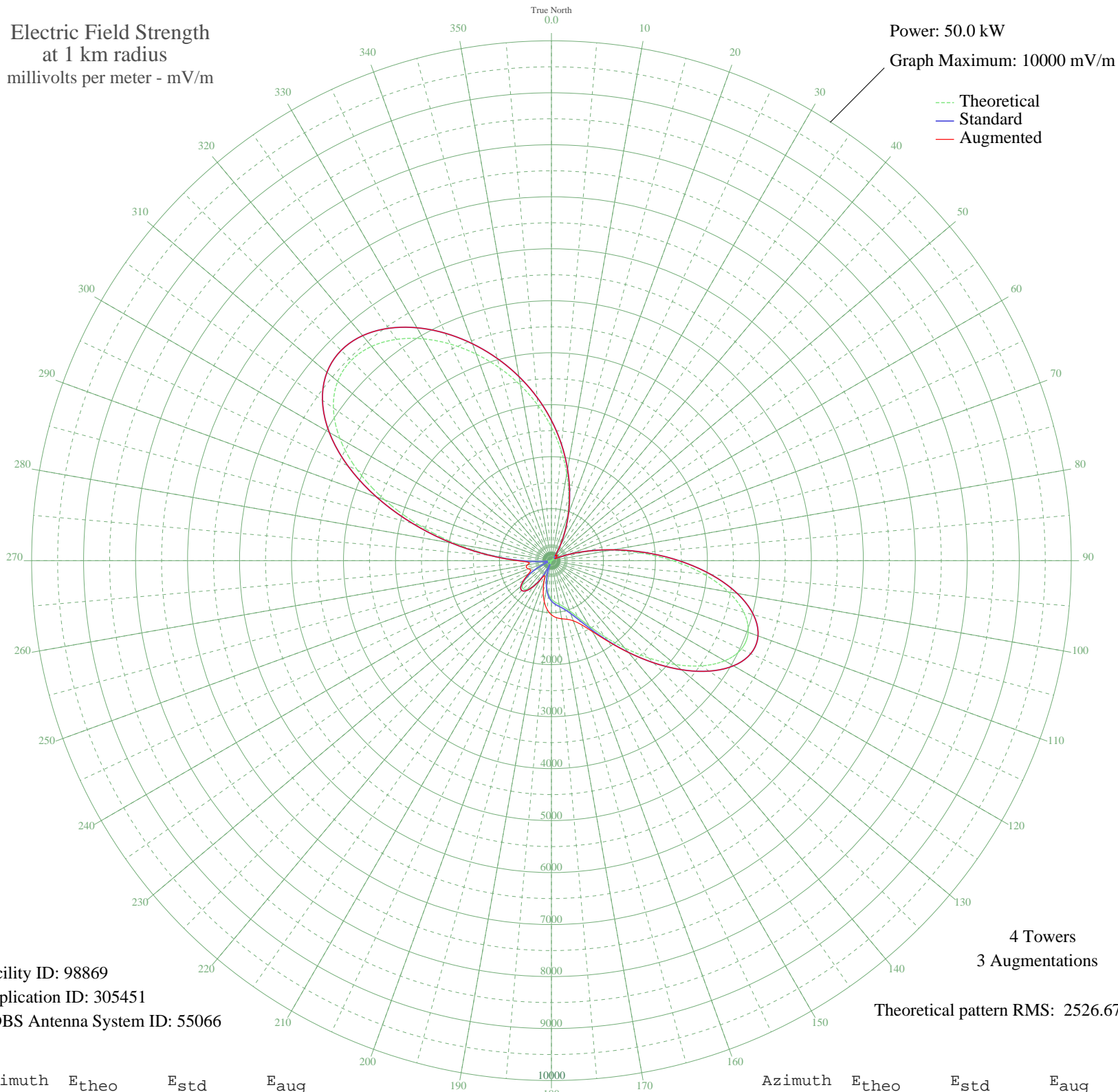


# CJAD MONTREAL, QC Canada -- 800 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 98869  
Application ID: 305451  
CDBS Antenna System ID: 55066

4 Towers  
3 Augmentations

Theoretical pattern RMS: 2526.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2568.13	2697.56	2697.56
5	2131.34	2239.14	2239.14
10	1699.19	1785.70	1785.70
15	1284.83	1351.11	1351.11
20	904.86	953.00	953.00
25	577.25	610.64	610.64
30	317.98	342.03	342.03
35	137.20	162.07	162.07
40	35.45	83.06	112.99
45	1.02	74.25	144.49
50	8.91	74.83	144.78
55	22.96	78.06	109.37
60	0.43	74.25	74.25
65	102.58	130.82	130.82
70	319.35	343.44	343.44
75	667.86	705.17	705.17
80	1143.22	1202.68	1202.68
85	1716.13	1803.47	1803.47
90	2335.90	2453.81	2453.81
95	2938.20	3086.00	3086.00
100	3456.12	3629.68	3629.68
105	3831.99	4024.27	4024.27
110	4027.45	4229.48	4229.48
115	4029.44	4231.56	4231.56
120	3850.94	4044.17	4044.17
125	3526.92	3704.01	3704.01
130	3106.52	3262.69	3262.69
135	2643.87	2777.06	2777.06
140	2189.32	2299.99	2304.14
145	1782.66	1873.26	1892.78
150	1449.22	1523.50	1573.52
155	1198.88	1261.01	1356.88
160	1027.30	1081.22	1231.28
165	919.02	967.83	1168.38
170	851.28	896.92	1134.59
175	798.27	841.47	1100.00

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	735.20	775.52	1041.28
185	641.93	678.10	942.47
190	505.91	536.37	796.68
195	324.20	348.42	610.21
200	104.35	132.35	415.26
205	136.20	161.13	315.39
210	372.18	397.78	421.11
215	574.15	607.41	607.41
220	713.42	752.76	752.76
225	767.70	809.50	809.50
230	726.66	766.60	766.60
235	596.29	630.49	647.83
240	400.93	427.48	512.78
245	182.15	205.16	440.50
250	6.15	74.53	464.27
255	105.74	133.56	500.00
260	64.39	100.42	469.12
265	154.01	177.94	428.50
270	561.36	594.08	658.14
275	1141.63	1201.01	1210.21
280	1852.50	1946.54	1946.54
285	2632.15	2764.75	2764.75
290	3409.75	3581.01	3581.01
295	4117.20	4323.70	4323.70
300	4699.34	4934.87	4934.87
305	5120.77	5377.32	5377.32
310	5368.07	5636.96	5636.96
315	5447.73	5720.60	5720.60
320	5380.93	5650.46	5650.46
325	5196.85	5457.19	5457.19
330	4926.19	5173.03	5173.03
335	4596.16	4826.54	4826.54
340	4227.60	4439.60	4439.60
345	3834.24	4026.64	4026.64
350	3423.88	3595.84	3595.84
355	3000.71	3151.62	3151.62