

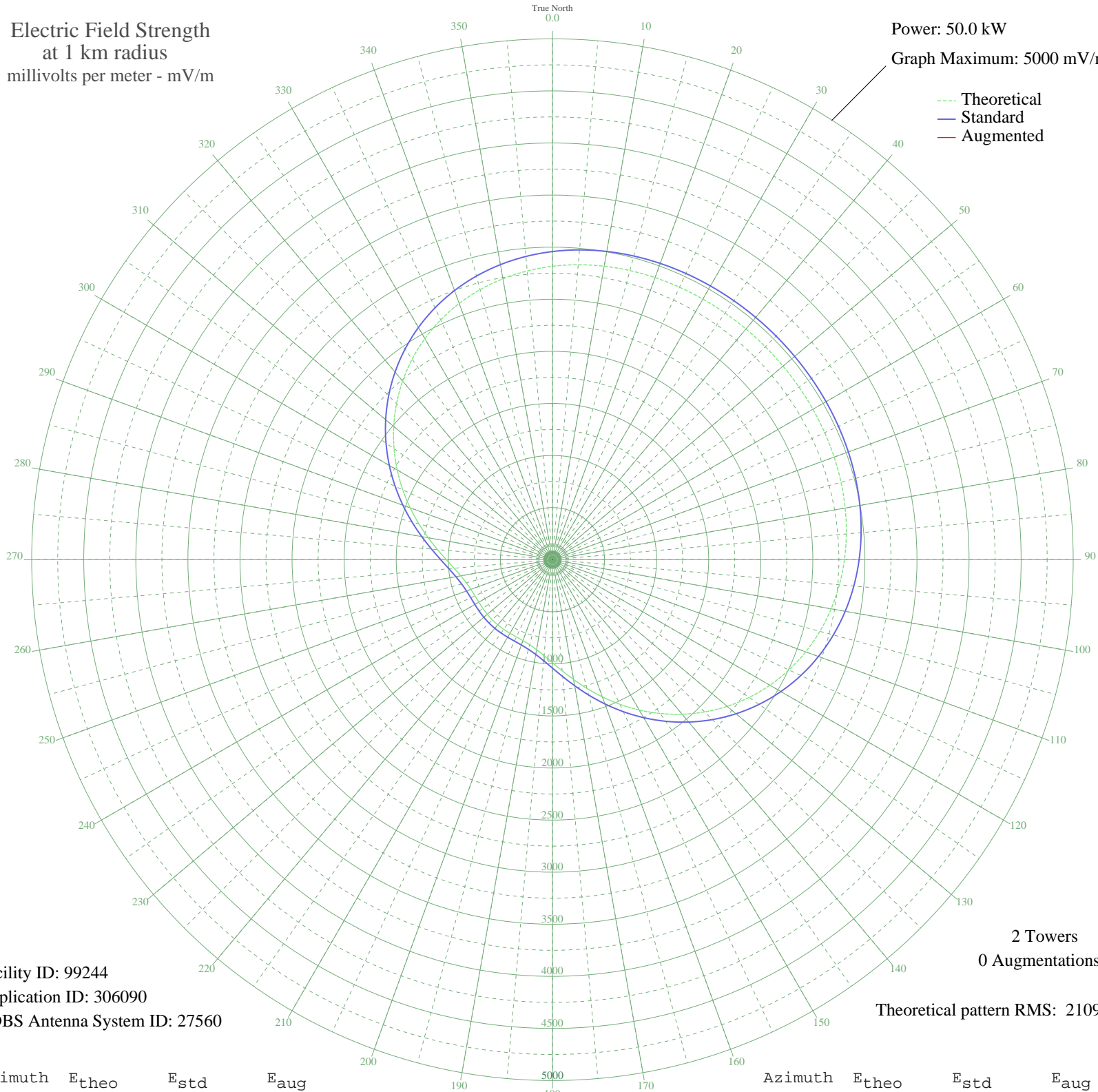
CHTX MONTREAL, QC Canada -- 990 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 99244
Application ID: 306090
CDBS Antenna System ID: 27560

2 Towers
0 Augmentations

Theoretical pattern RMS: 2109.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2816.10	2957.84	
5	2841.85	2984.86	
10	2860.40	3004.33	
15	2873.10	3017.67	
20	2881.27	3026.24	
25	2886.13	3031.34	
30	2888.74	3034.09	
35	2889.97	3035.38	
40	2890.45	3035.88	
45	2890.54	3035.98	
50	2890.32	3035.75	
55	2889.60	3034.99	
60	2887.90	3033.21	
65	2884.51	3029.64	
70	2878.46	3023.30	
75	2868.63	3012.98	
80	2853.75	2997.36	
85	2832.49	2975.04	
90	2803.50	2944.61	
95	2765.51	2904.73	
100	2717.41	2854.24	
105	2658.31	2792.21	
110	2587.61	2718.00	
115	2505.08	2631.39	
120	2410.90	2532.53	
125	2305.68	2422.10	
130	2190.47	2301.19	
135	2066.81	2171.42	
140	1936.61	2034.80	
145	1802.23	1893.79	
150	1666.30	1751.19	
155	1531.77	1610.07	
160	1401.75	1473.71	
165	1279.46	1345.48	
170	1168.04	1228.68	
175	1070.35	1126.32	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	988.68	1040.76	
185	924.29	973.34	
190	877.14	923.99	
195	845.73	891.11	
200	827.30	871.84	
205	818.42	862.54	
210	815.56	859.55	
215	815.68	859.68	
220	816.54	860.57	
225	816.81	860.86	
230	816.21	860.23	
235	815.44	859.42	
240	816.19	860.21	
245	821.06	865.30	
250	833.33	878.14	
255	856.56	902.45	
260	894.00	941.63	
265	947.94	998.10	
270	1019.32	1072.86	
275	1107.62	1165.36	
280	1211.11	1273.83	
285	1327.24	1395.58	
290	1453.01	1527.47	
295	1585.22	1666.13	
300	1720.67	1808.23	
305	1856.32	1950.55	
310	1989.33	2090.12	
315	2117.17	2224.27	
320	2237.66	2350.72	
325	2349.03	2467.60	
330	2449.94	2573.51	
335	2539.51	2667.52	
340	2617.30	2749.17	
345	2683.31	2818.46	
350	2737.92	2875.78	
355	2781.86	2921.89	

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