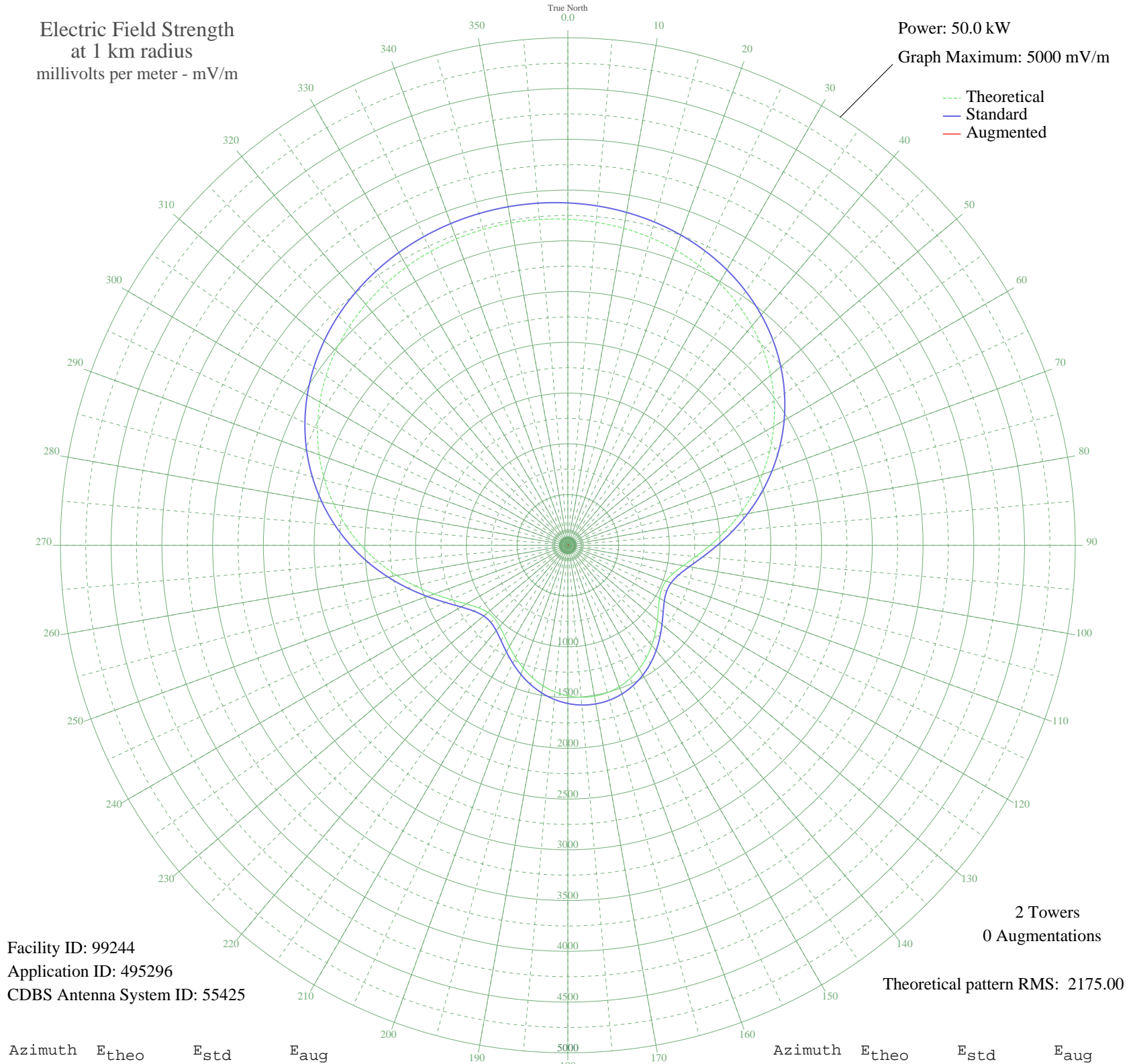


# CHTX MONTREAL, QC Canada -- 990 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99244  
Application ID: 495296  
CDBS Antenna System ID: 55425

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3211.93	3373.34	
5	3195.44	3356.03	
10	3171.51	3330.91	
15	3139.34	3297.14	
20	3098.01	3253.76	
25	3046.53	3199.72	
30	2983.92	3134.00	
35	2909.30	3055.66	
40	2821.96	2963.99	
45	2721.48	2858.52	
50	2607.81	2739.20	
55	2481.34	2606.46	
60	2343.00	2461.27	
65	2194.33	2305.24	
70	2037.53	2140.70	
75	1875.57	1970.75	
80	1712.24	1799.39	
85	1552.26	1631.57	
90	1401.40	1473.34	
95	1266.44	1331.84	
100	1154.92	1214.93	
105	1074.06	1130.20	
110	1028.89	1082.89	
115	1020.09	1073.66	
120	1043.14	1097.81	
125	1089.92	1146.82	
130	1151.32	1211.16	
135	1219.16	1282.27	
140	1287.00	1353.38	
145	1350.10	1419.55	
150	1405.14	1477.27	
155	1449.84	1524.14	
160	1482.68	1558.58	
165	1502.73	1579.61	
170	1509.46	1586.67	
175	1502.73	1579.61	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1482.68	1558.58	
185	1449.84	1524.14	
190	1405.14	1477.27	
195	1350.10	1419.55	
200	1287.00	1353.38	
205	1219.16	1282.27	
210	1151.32	1211.16	
215	1089.92	1146.83	
220	1043.14	1097.81	
225	1020.09	1073.66	
230	1028.89	1082.89	
235	1074.05	1130.20	
240	1154.91	1214.93	
245	1266.44	1331.83	
250	1401.40	1473.34	
255	1552.26	1631.57	
260	1712.24	1799.38	
265	1875.57	1970.75	
270	2037.53	2140.69	
275	2194.32	2305.24	
280	2343.00	2461.27	
285	2481.33	2606.46	
290	2607.80	2739.20	
295	2721.48	2858.52	
300	2821.96	2963.98	
305	2909.30	3055.66	
310	2983.92	3134.00	
315	3046.53	3199.72	
320	3098.01	3253.75	
325	3139.34	3297.14	
330	3171.51	3330.91	
335	3195.44	3356.03	
340	3211.93	3373.34	
345	3221.57	3383.46	
350	3224.74	3386.79	
355	3221.57	3383.46	

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.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission