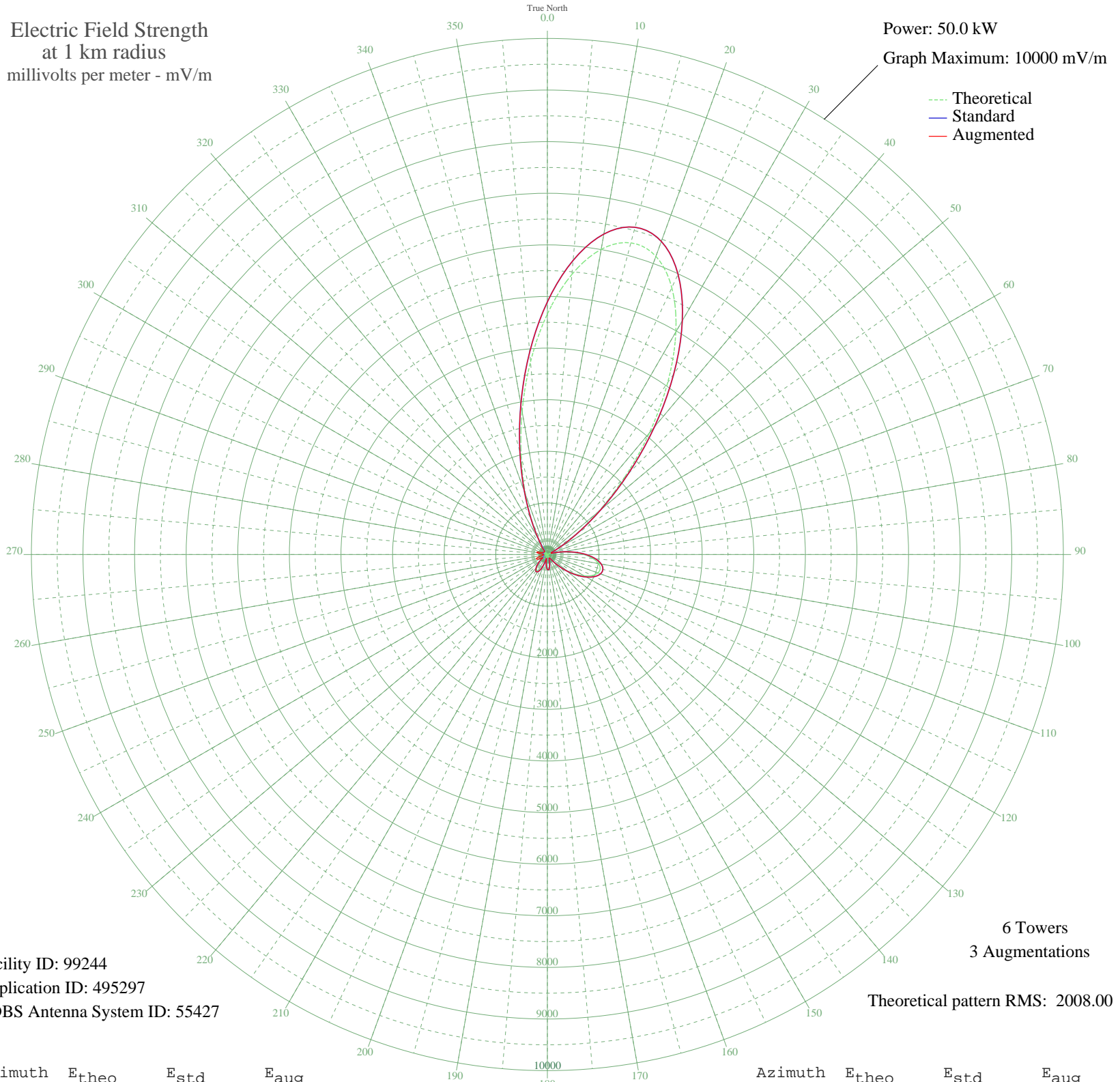


CHTX MONTREAL, QC Canada -- 990 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 99244
Application ID: 495297
CDBS Antenna System ID: 55427

6 Towers
3 Augmentations
Theoretical pattern RMS: 2008.00

Azimuth	Etheo	Estd	Eaug
0	4661.55	4895.19	4895.19
5	5448.10	5720.99	5720.99
10	6004.84	6305.52	6305.52
15	6251.81	6564.82	6564.82
20	6149.20	6457.09	6457.09
25	5706.26	5992.04	5992.04
30	4980.13	5229.67	5229.67
35	4064.76	4268.64	4268.64
40	3072.99	3227.49	3227.49
45	2116.41	2223.47	2223.47
50	1287.63	1354.05	1354.05
55	648.51	684.98	684.98
60	225.92	248.56	248.56
65	16.47	76.23	76.23
70	20.48	77.30	77.30
75	86.49	117.30	117.30
80	272.69	295.79	295.79
85	494.09	524.08	524.08
90	709.16	748.31	748.31
95	886.77	934.07	934.07
100	1006.64	1059.57	1059.57
105	1058.47	1113.87	1113.87
110	1040.73	1095.29	1095.29
115	959.22	1009.91	1009.91
120	825.75	870.21	870.21
125	657.05	693.89	693.89
130	473.38	502.56	502.56
135	296.78	320.34	320.34
140	148.68	172.87	172.87
145	47.03	89.17	89.17
150	8.66	74.80	74.80
155	13.81	75.65	75.65
160	68.26	103.20	103.20
165	148.77	172.96	172.96
170	225.76	248.40	248.40
175	271.30	294.38	294.38

Azimuth	Etheo	Estd	Eaug
180	264.99	287.97	287.97
185	199.81	222.55	222.55
190	84.68	115.84	115.84
195	58.10	96.10	96.10
200	197.86	220.62	220.62
205	306.22	329.99	329.99
210	363.51	388.84	388.84
215	364.05	389.39	389.39
220	316.26	340.27	340.27
225	238.65	261.36	261.36
230	153.37	177.33	177.33
235	79.74	111.91	111.91
240	29.78	80.56	147.57
245	6.94	74.60	216.74
250	5.03	74.43	224.04
255	14.86	75.87	163.05
260	27.05	79.49	83.71
265	32.44	81.69	81.69
270	26.34	79.23	79.23
275	9.16	74.87	100.09
280	17.40	76.46	197.89
285	42.83	86.80	189.29
290	60.91	97.99	103.63
295	64.64	100.59	100.59
300	50.80	91.42	91.42
305	23.35	78.19	78.19
310	20.46	77.29	77.29
315	38.58	84.58	84.58
320	20.13	77.20	77.20
325	91.86	121.72	200.00
330	312.67	336.59	336.59
335	687.63	725.82	725.82
340	1236.77	1300.73	1300.73
345	1957.36	2056.57	2056.57
350	2816.42	2958.17	2958.17
355	3748.64	3936.77	3936.77

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission