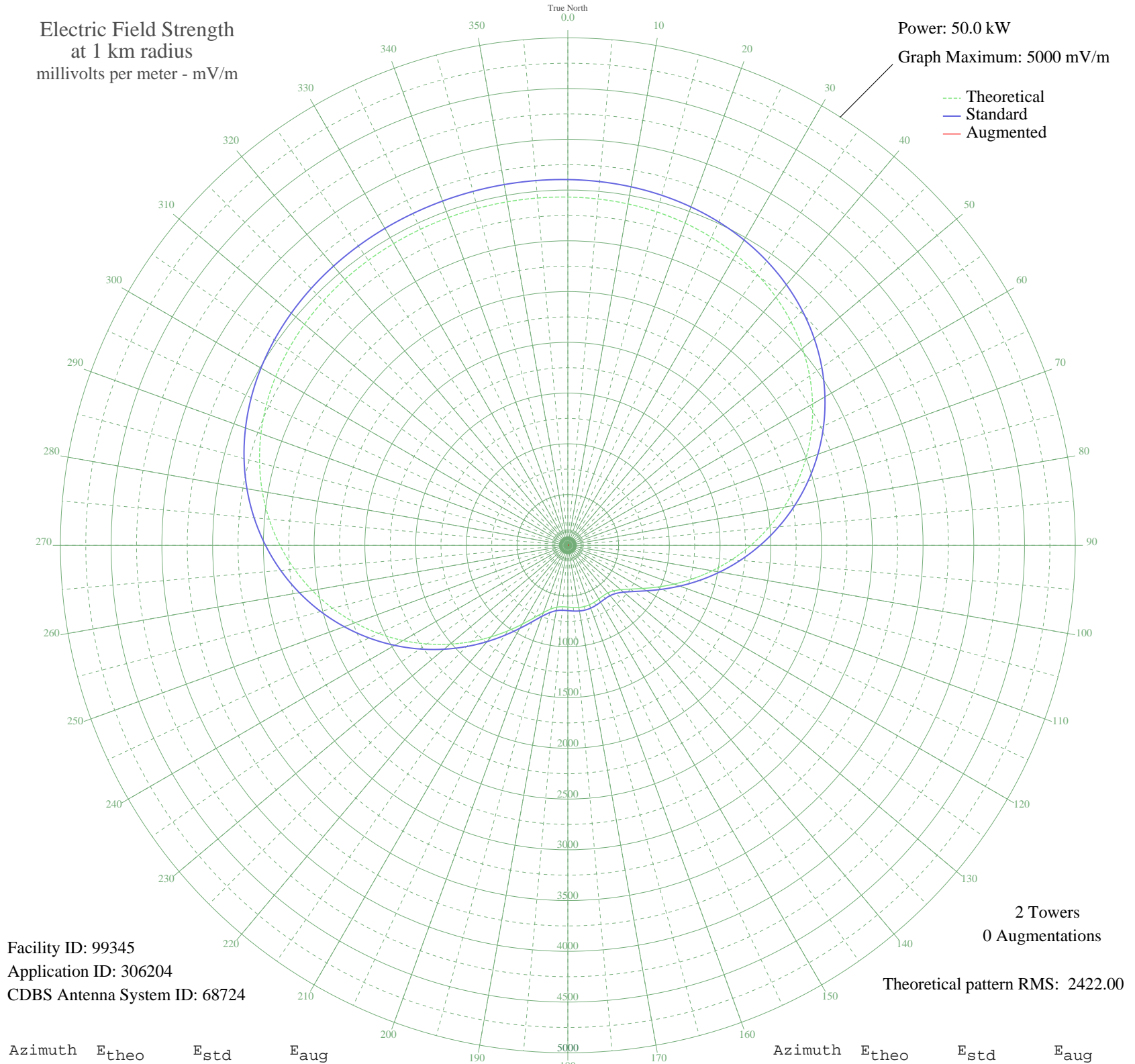


# CFMB MONTREAL, QC Canada -- 1280 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99345  
Application ID: 306204  
CDBS Antenna System ID: 68724

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2422.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3431.11	3603.43	
5	3424.97	3596.98	
10	3415.02	3586.54	
15	3399.88	3570.64	
20	3377.98	3547.65	
25	3347.68	3515.85	
30	3307.33	3473.49	
35	3255.39	3418.97	
40	3190.48	3350.82	
45	3111.50	3267.92	
50	3017.73	3169.48	
55	2908.85	3055.20	
60	2785.05	2925.24	
65	2647.01	2780.35	
70	2495.96	2621.81	
75	2333.64	2451.45	
80	2162.26	2271.59	
85	1984.48	2085.03	
90	1803.32	1894.94	
95	1622.14	1704.86	
100	1444.54	1518.58	
105	1274.40	1340.18	
110	1115.82	1173.96	
115	973.06	1024.40	
120	850.45	896.06	
125	751.94	793.02	
130	680.09	717.94	
135	634.84	670.71	
140	612.64	647.54	
145	607.11	641.77	
150	610.98	645.81	
155	617.90	653.03	
160	623.31	658.68	
165	624.72	660.14	
170	621.53	656.82	
175	615.10	650.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	608.75	643.48	
185	607.79	642.48	
190	619.12	654.30	
195	649.90	686.42	
200	705.56	744.55	
205	788.24	830.98	
210	896.81	944.57	
215	1027.98	1081.93	
220	1177.59	1238.70	
225	1341.31	1410.33	
230	1514.90	1592.38	
235	1694.39	1780.65	
240	1875.98	1971.18	
245	2056.17	2160.26	
250	2231.74	2344.50	
255	2399.79	2520.87	
260	2557.84	2686.76	
265	2703.86	2840.03	
270	2836.33	2979.07	
275	2954.21	3102.81	
280	3057.04	3210.75	
285	3144.83	3302.91	
290	3218.07	3379.79	
295	3277.65	3442.33	
300	3324.78	3491.81	
305	3360.91	3529.74	
310	3387.65	3557.81	
315	3406.66	3577.76	
320	3419.54	3591.28	
325	3427.81	3599.97	
330	3432.78	3605.18	
335	3435.51	3608.05	
340	3436.79	3609.40	
345	3437.06	3609.68	
350	3436.42	3609.00	
355	3434.63	3607.13	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission