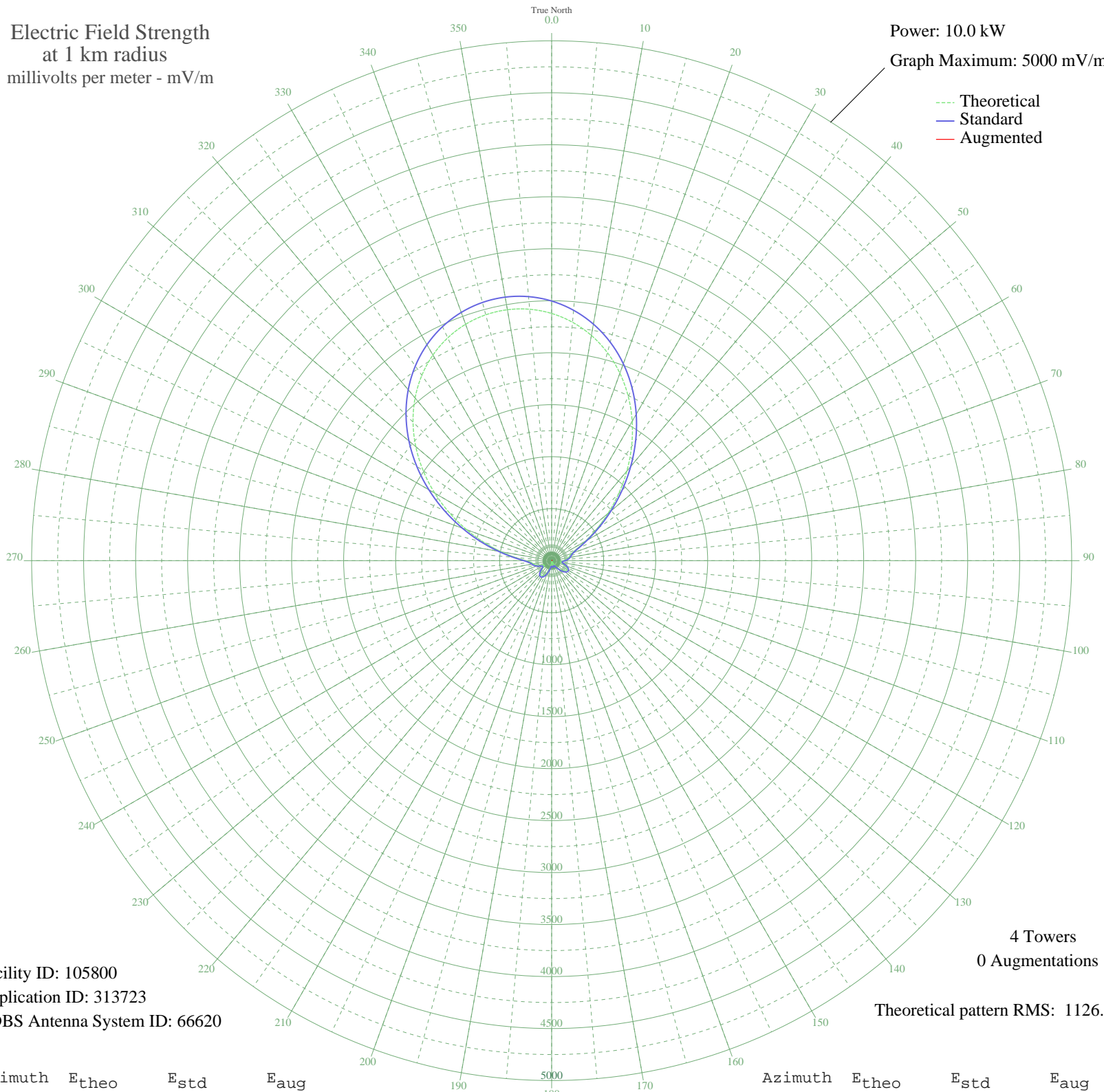


# CFMB MONTREAL, QC Canada -- 1410 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105800  
Application ID: 313723  
CDBS Antenna System ID: 66620

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1126.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2377.73	2497.15	
5	2301.86	2417.51	
10	2199.64	2310.20	
15	2071.45	2175.64	
20	1918.42	2015.01	
25	1742.81	1830.68	
30	1548.22	1626.46	
35	1339.87	1407.81	
40	1124.55	1181.91	
45	910.55	957.48	
50	707.31	744.48	
55	525.10	553.78	
60	374.68	396.81	
65	266.49	284.56	
70	205.49	221.89	
75	179.77	195.73	
80	164.52	180.33	
85	143.21	159.03	
90	113.87	130.29	
95	86.98	104.98	
100	83.38	101.71	
105	106.87	123.58	
110	137.24	153.12	
115	160.80	176.60	
120	171.96	187.84	
125	169.24	185.09	
130	153.62	169.41	
135	127.70	143.74	
140	95.08	112.46	
145	59.76	81.35	
150	25.87	58.46	
155	6.19	52.18	
160	26.05	58.55	
165	37.84	65.26	
170	38.94	65.97	
175	29.21	60.18	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	10.15	52.86	
185	19.65	55.73	
190	52.74	75.81	
195	88.10	106.00	
200	121.59	137.77	
205	149.16	164.95	
210	167.08	182.92	
215	172.53	188.41	
220	164.12	179.93	
225	142.76	158.58	
230	113.00	129.45	
235	86.48	104.52	
240	83.73	102.03	
245	107.73	124.41	
250	137.83	153.70	
255	160.99	176.79	
260	176.63	192.56	
265	198.28	214.53	
270	250.58	268.15	
275	349.36	370.47	
280	492.12	519.31	
285	668.85	704.19	
290	868.72	913.62	
295	1081.36	1136.60	
300	1297.12	1362.95	
305	1507.46	1583.68	
310	1705.26	1791.28	
315	1885.01	1979.94	
320	2042.77	2145.54	
325	2176.05	2285.44	
330	2283.52	2398.26	
335	2364.66	2483.44	
340	2419.46	2540.96	
345	2448.08	2571.00	
350	2450.67	2573.73	
355	2427.27	2549.16	

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