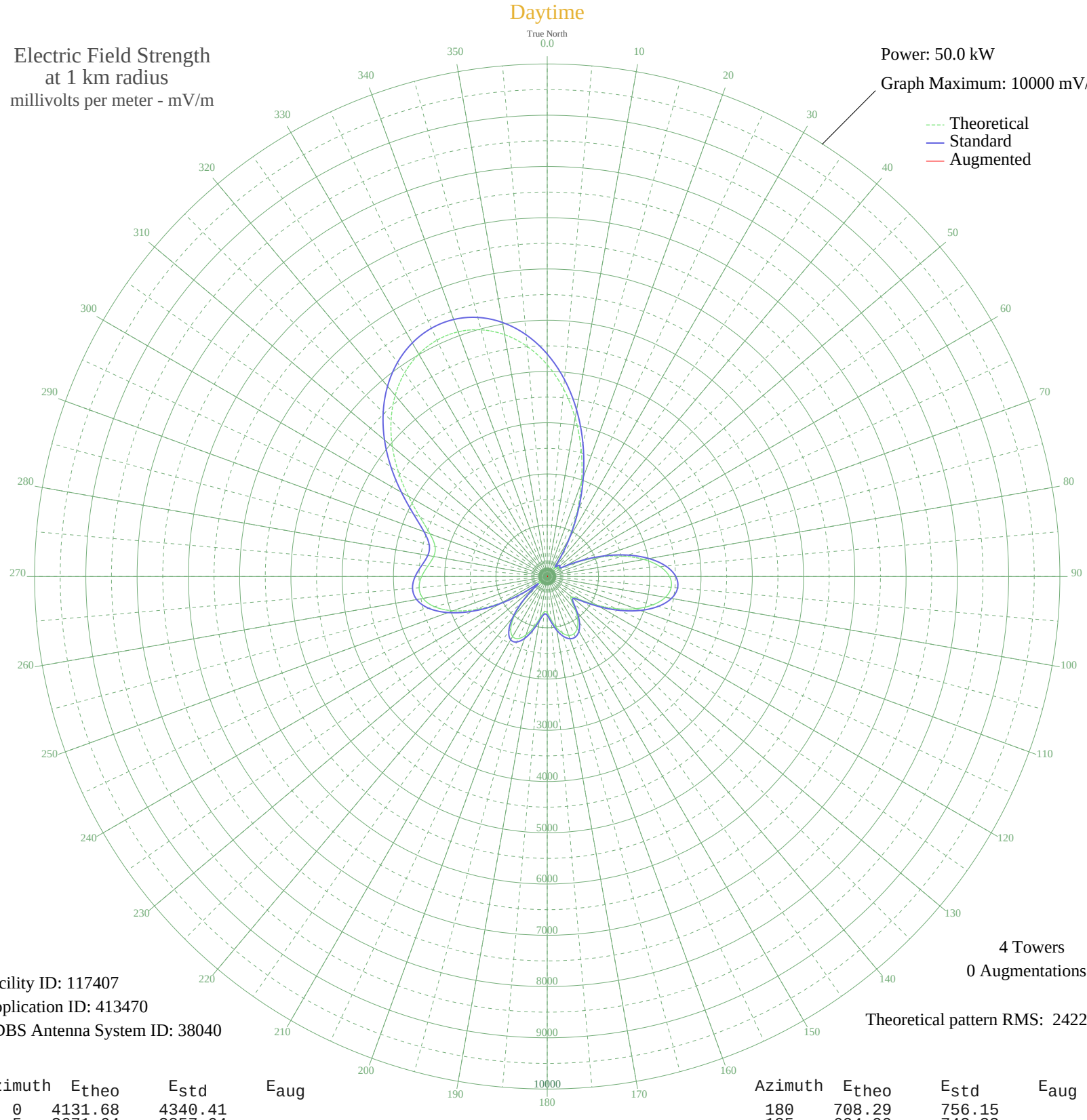
CJMS MONTREAL, QC Canada -- 1280 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 117407
Application ID: 413470
CDBS Antenna System ID: 38040

Theoretical pattern RMS: 2422.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4131.68	4340.41	
5	3671.64	3857.64	
10	3140.40	3300.25	
15	2558.47	2689.86	
20	1954.07	2056.32	
25	1362.57	1437.21	
30	825.46	877.44	
35	394.58	436.26	
40	189.68	241.53	
45	257.85	303.27	
50	283.40	327.44	
55	247.44	293.55	
60	365.10	406.98	
65	692.23	739.58	
70	1106.94	1170.29	
75	1533.38	1615.83	
80	1915.42	2015.83	
85	2209.23	2323.71	
90	2384.94	2507.91	
95	2428.24	2553.31	
100	2340.16	2460.96	
105	2135.24	2246.16	
110	1838.80	1935.57	
115	1484.55	1564.75	
120	1115.20	1178.91	
125	792.42	843.19	
130	619.73	664.91	
135	674.42	721.20	
140	853.56	906.59	
145	1035.95	1096.30	
150	1169.19	1235.23	
155	1233.57	1302.44	
160	1223.49	1291.91	
165	1142.62	1207.51	
170	1004.82	1063.87	
175	840.20	892.73	
180	708.29	756.15	
185	694.90	742.33	
190	825.66	877.65	
195	1026.51	1086.46	
200	1215.56	1283.64	
205	1336.52	1409.99	
210	1351.79	1425.94	
215	1238.85	1307.95	
220	991.11	1049.59	
225	621.17	666.39	
230	201.11	251.52	
235	455.42	497.33	
240	998.57	1057.37	
245	1517.79	1599.52	
250	1956.47	2058.84	
255	2277.08	2394.83	
260	2460.32	2586.94	
265	2508.81	2637.79	
270	2449.97	2576.10	
275	2337.65	2458.34	
280	2249.05	2365.45	
285	2265.60	2382.80	
290	2433.04	2558.35	
295	2736.62	2876.70	
300	3123.88	3282.92	
305	3540.20	3719.72	
310	3944.12	4143.58	
315	4307.85	4525.30	
320	4613.63	4846.24	
325	4850.27	5094.61	
330	5010.36	5262.65	
335	5088.55	5344.72	
340	5080.47	5336.24	
345	4982.42	5233.33	
350	4791.68	5033.12	
355	4507.34	4734.68	

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.

3 Feb 2017

Prepared by Audio Division, Media Bureau
Federal Communications Commission