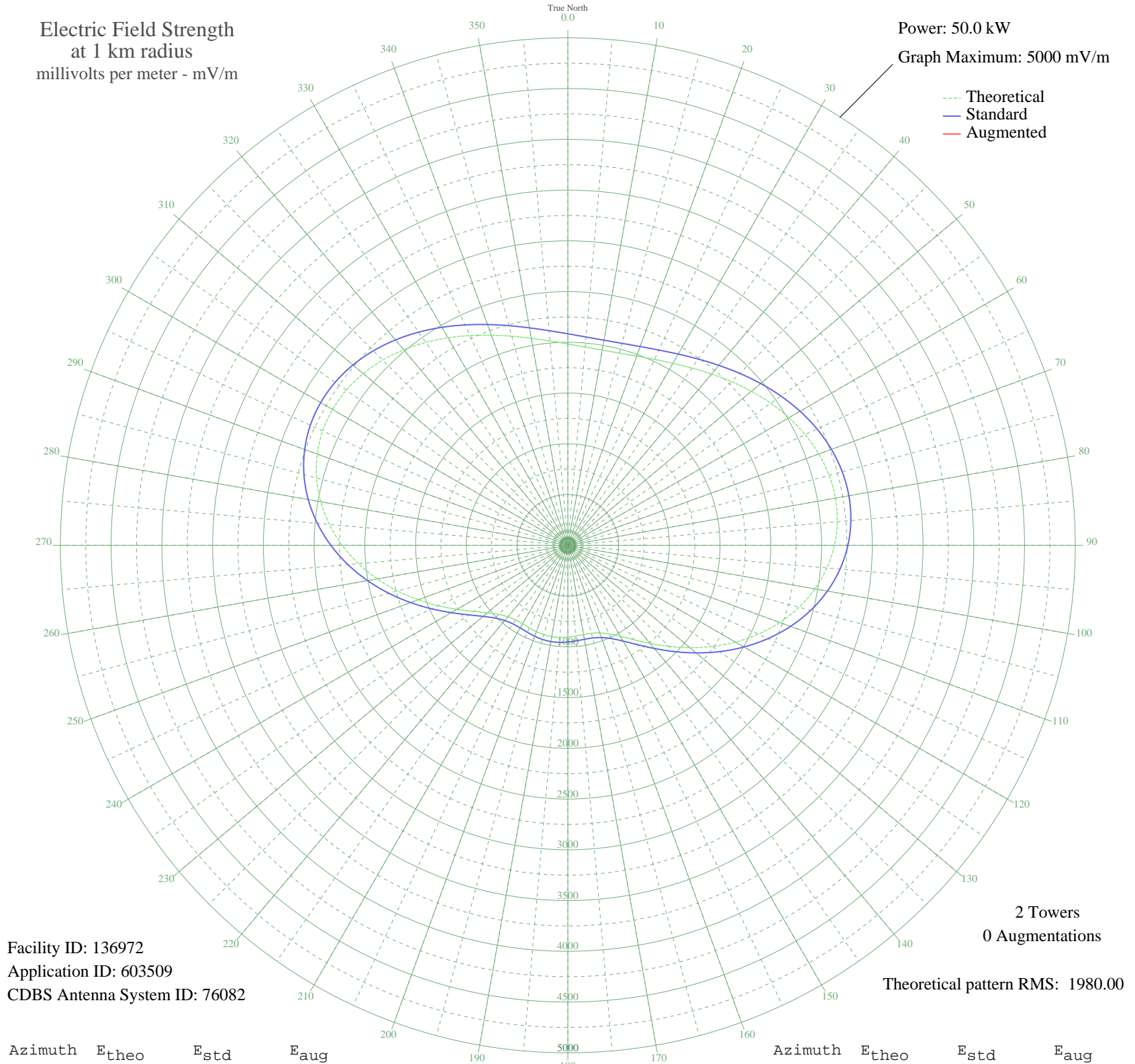


CINW MONTREAL, QC Canada -- 940 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 136972
Application ID: 603509
CDBS Antenna System ID: 76082

Theoretical pattern RMS: 1980.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1983.44	2083.93	
5	1960.82	2060.20	
10	1953.20	2052.21	
15	1960.82	2060.20	
20	1983.44	2083.93	
25	2020.40	2122.72	
30	2070.56	2175.35	
35	2132.22	2240.07	
40	2203.15	2314.50	
45	2280.50	2395.68	
50	2360.89	2480.05	
55	2440.46	2563.56	
60	2515.00	2641.79	
65	2580.12	2710.14	
70	2631.47	2764.04	
75	2664.99	2799.22	
80	2677.14	2811.98	
85	2665.16	2799.40	
90	2627.27	2759.63	
95	2562.84	2692.01	
100	2472.48	2597.16	
105	2358.07	2477.08	
110	2222.70	2335.02	
115	2070.60	2175.40	
120	1906.92	2003.64	
125	1737.56	1825.95	
130	1569.01	1649.13	
135	1408.02	1480.29	
140	1261.39	1326.54	
145	1135.42	1194.50	
150	1035.11	1089.40	
155	963.07	1013.95	
160	918.52	967.30	
165	897.19	944.97	
170	892.45	940.01	
175	897.15	944.93	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	905.06	953.21	
185	911.61	960.07	
190	914.09	962.66	
195	911.61	960.07	
200	905.06	953.21	
205	897.15	944.93	
210	892.45	940.01	
215	897.19	944.97	
220	918.52	967.30	
225	963.07	1013.95	
230	1035.11	1089.40	
235	1135.42	1194.50	
240	1261.40	1326.55	
245	1408.03	1480.29	
250	1569.01	1649.13	
255	1737.57	1825.95	
260	1906.92	2003.64	
265	2070.60	2175.40	
270	2222.70	2335.02	
275	2358.07	2477.08	
280	2472.48	2597.17	
285	2562.84	2692.01	
290	2627.27	2759.63	
295	2665.16	2799.40	
300	2677.14	2811.98	
305	2664.99	2799.22	
310	2631.47	2764.04	
315	2580.12	2710.14	
320	2515.00	2641.79	
325	2440.46	2563.56	
330	2360.89	2480.05	
335	2280.50	2395.68	
340	2203.15	2314.50	
345	2132.22	2240.07	
350	2070.56	2175.35	
355	2020.40	2122.72	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission