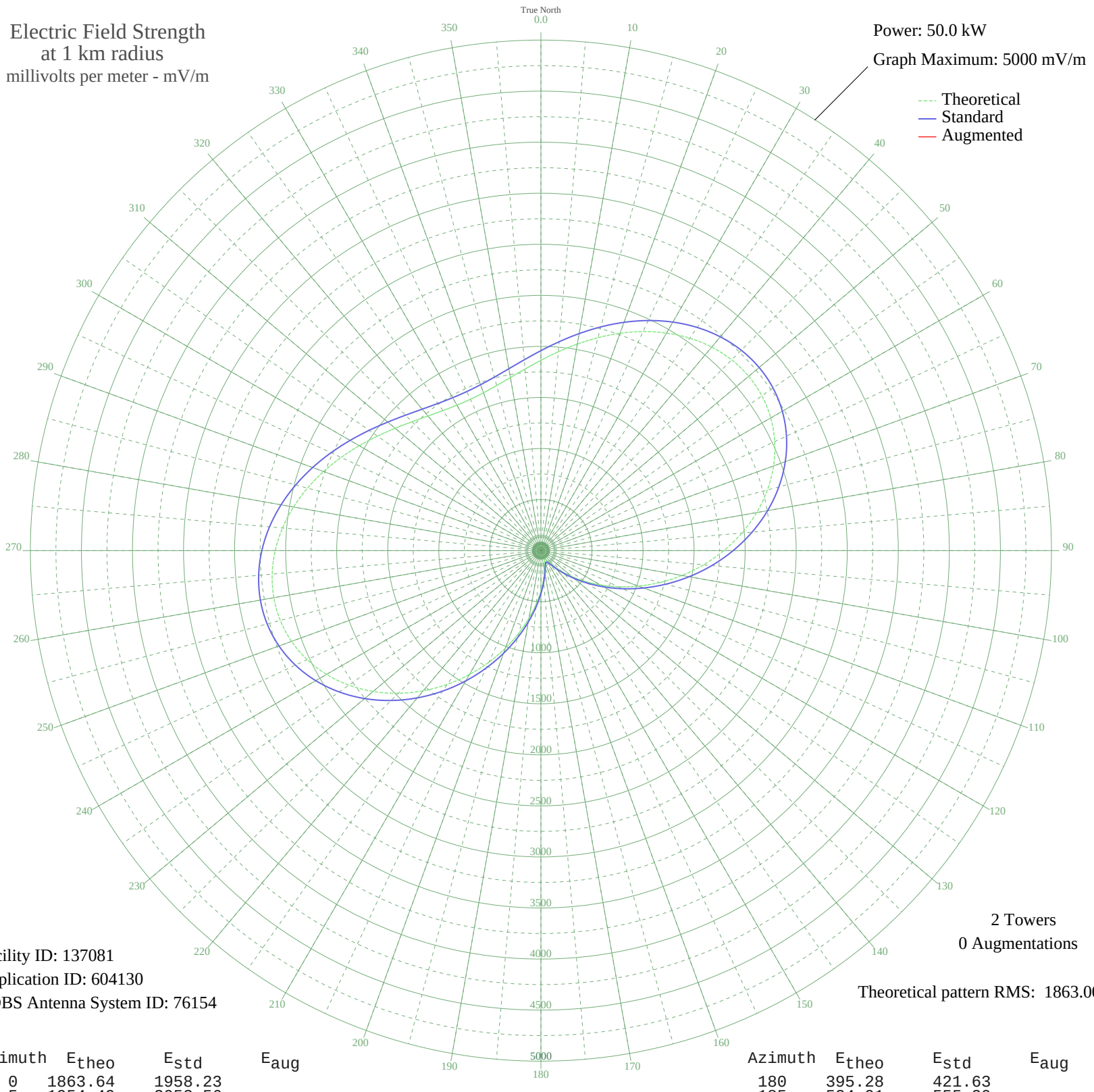
CKVL MONTREAL, QC Canada -- 850 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 137081
Application ID: 604130
CDBS Antenna System ID: 76154

Theoretical pattern RMS: 1863.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1863.64	1958.23	
5	1954.49	2053.56	
10	2054.23	2158.22	
15	2159.08	2268.25	
20	2264.79	2379.19	
25	2366.74	2486.19	
30	2460.11	2584.18	
35	2540.08	2668.12	
40	2602.04	2733.16	
45	2641.87	2774.96	
50	2656.14	2789.93	
55	2642.33	2775.44	
60	2599.07	2730.03	
65	2526.14	2653.49	
70	2424.60	2546.91	
75	2296.68	2412.65	
80	2145.66	2254.17	
85	1975.71	2075.83	
90	1791.62	1882.66	
95	1598.51	1680.07	
100	1401.63	1473.58	
105	1206.06	1268.54	
110	1016.57	1069.98	
115	837.39	882.39	
120	672.19	709.70	
125	524.02	555.20	
130	395.28	421.64	
135	287.85	311.23	
140	203.09	225.80	
145	141.95	166.52	
150	105.04	132.95	
155	92.70	122.42	
160	105.04	132.95	
165	141.95	166.51	
170	203.09	225.80	
175	287.85	311.23	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	395.28	421.63	
185	524.01	555.20	
190	672.19	709.70	
195	837.39	882.39	
200	1016.57	1069.98	
205	1206.06	1268.54	
210	1401.62	1473.58	
215	1598.50	1680.07	
220	1791.61	1882.66	
225	1975.71	2075.83	
230	2145.66	2254.17	
235	2296.67	2412.65	
240	2424.60	2546.91	
245	2526.14	2653.49	
250	2599.07	2730.03	
255	2642.33	2775.44	
260	2656.14	2789.93	
265	2641.87	2774.96	
270	2602.05	2733.16	
275	2540.08	2668.12	
280	2460.11	2584.18	
285	2366.74	2486.19	
290	2264.79	2379.19	
295	2159.09	2268.26	
300	2054.23	2158.22	
305	1954.49	2053.56	
310	1863.65	1958.24	
315	1784.92	1875.64	
320	1720.97	1808.55	
325	1673.85	1759.11	
330	1645.00	1728.84	
335	1635.28	1718.65	
340	1645.00	1728.84	
345	1673.85	1759.11	
350	1720.97	1808.55	
355	1784.92	1875.64	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission