

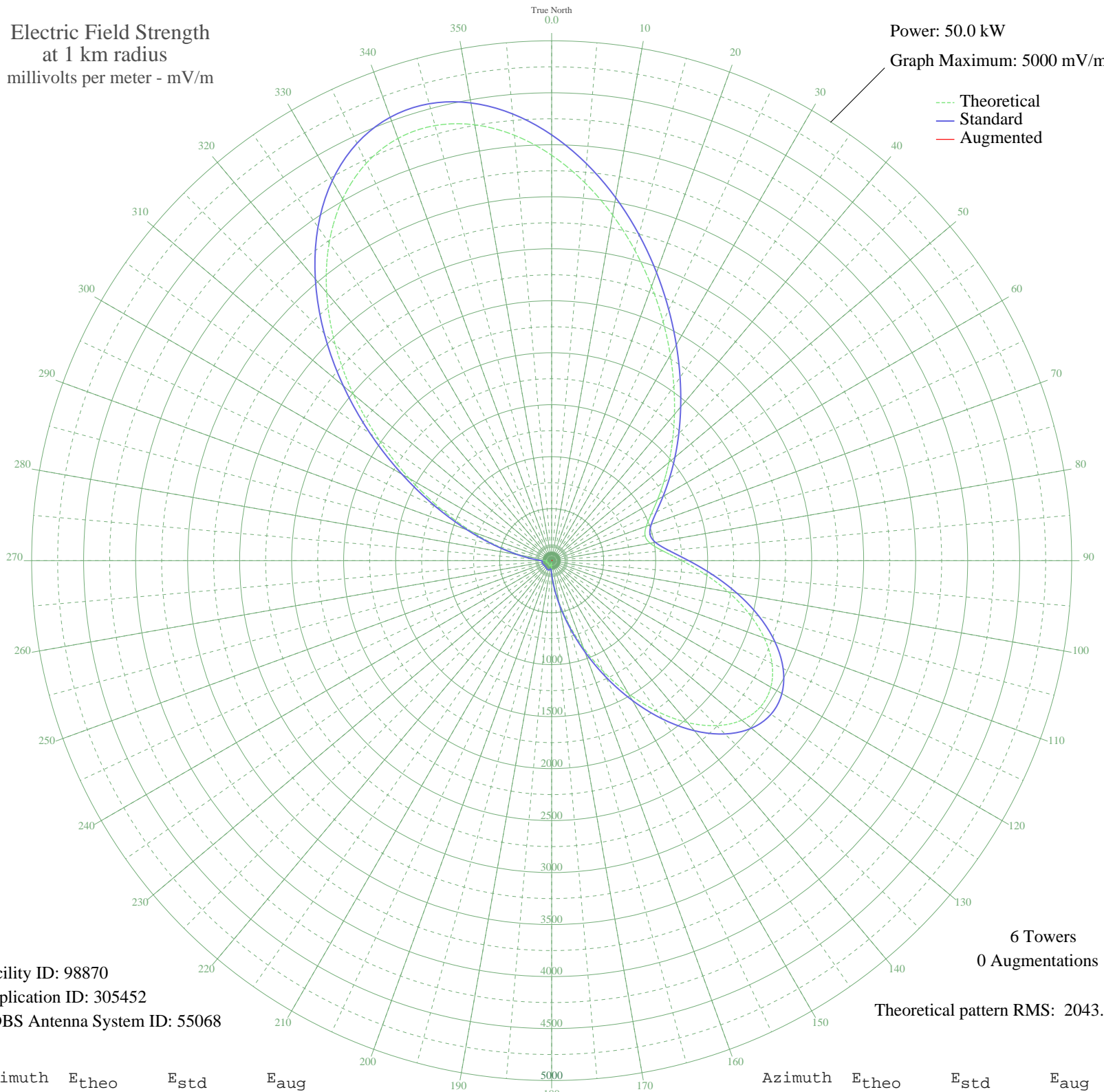
CHRC QUEBEC, QC Canada -- 800 kHz

Unlimited Time

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

Power: 50.0 kW

Graph Maximum: 5000 mV/m



Facility ID: 98870
Application ID: 305452
CDBS Antenna System ID: 55068

Theoretical pattern RMS: 2043.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3899.49	4095.14	
5	3650.01	3833.23	
10	3375.40	3544.95	
15	3090.54	3245.91	
20	2807.71	2949.03	
25	2536.19	2664.03	
30	2282.09	2397.34	
35	2048.64	2152.35	
40	1836.61	1929.87	
45	1644.99	1728.84	
50	1471.83	1547.20	
55	1315.33	1383.09	
60	1175.43	1236.43	
65	1056.09	1111.38	
70	968.09	1019.20	
75	930.07	979.39	
80	962.48	1013.33	
85	1073.70	1129.83	
90	1253.05	1317.79	
95	1478.06	1553.74	
100	1723.24	1810.92	
105	1963.55	2063.06	
110	2175.43	2285.40	
115	2337.77	2455.78	
120	2433.51	2556.27	
125	2451.29	2574.92	
130	2386.83	2507.27	
135	2243.58	2356.93	
140	2032.33	2135.24	
145	1769.86	1859.84	
150	1476.80	1552.41	
155	1175.02	1236.00	
160	885.05	932.26	
165	623.88	659.26	
170	403.42	430.05	
175	229.94	252.59	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	104.44	132.43	
185	27.29	79.58	
190	34.26	82.50	
195	53.40	93.04	
200	58.07	96.07	
205	55.23	94.21	
210	50.44	91.20	
215	45.96	88.55	
220	41.78	86.24	
225	37.90	84.24	
230	35.43	83.04	
235	35.86	83.25	
240	39.57	85.08	
245	45.75	88.43	
250	52.76	92.64	
255	57.41	95.64	
260	54.68	93.86	
265	43.85	87.36	
270	64.44	100.46	
275	155.63	179.49	
280	309.92	333.78	
285	530.12	561.56	
290	818.45	862.57	
295	1171.62	1232.44	
300	1579.70	1660.34	
305	2026.20	2128.80	
310	2489.41	2614.94	
315	2944.45	3092.56	
320	3365.82	3534.89	
325	3730.08	3917.29	
330	4018.22	4219.79	
335	4217.37	4428.86	
340	4321.68	4538.37	
345	4332.33	4549.56	
350	4256.79	4470.24	
355	4107.35	4313.36	

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