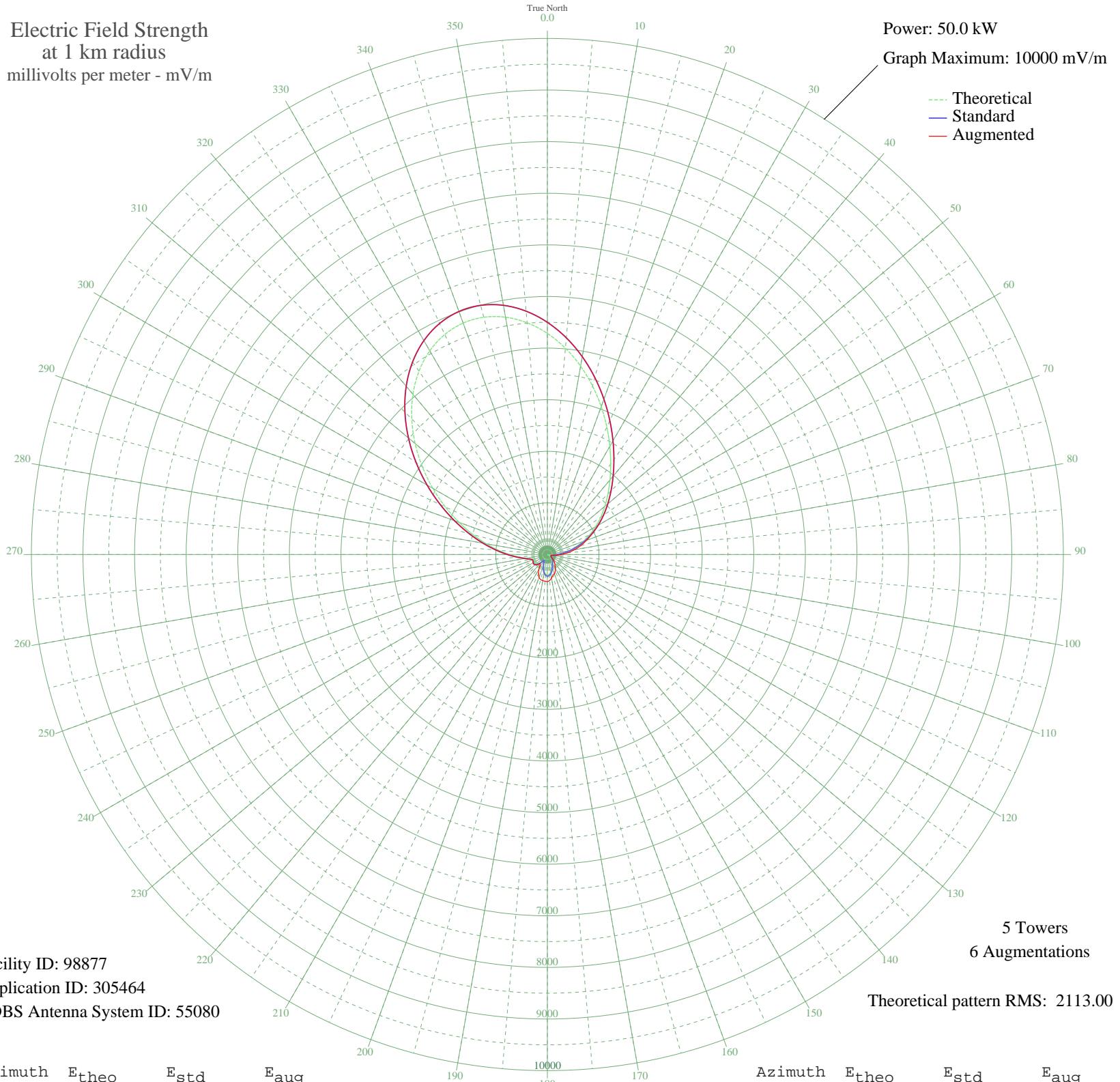


CHAM HAMILTON, ON Canada -- 820 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 98877
Application ID: 305464
CDBS Antenna System ID: 55080

5 Towers
6 Augmentations

Theoretical pattern RMS: 2113.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4285.06	4499.93	4499.93
5	4013.53	4214.87	4214.87
10	3707.39	3893.47	3893.47
15	3381.46	3551.31	3551.31
20	3050.21	3203.58	3203.58
25	2726.64	2863.93	2863.93
30	2421.13	2543.27	2543.27
35	2140.45	2248.70	2248.70
40	1887.15	1982.90	1982.90
45	1659.65	1744.21	1744.21
50	1453.27	1527.74	1527.74
55	1261.95	1327.12	1327.12
60	1080.13	1136.56	1136.56
65	904.34	952.46	958.43
70	733.90	774.16	807.51
75	570.85	603.97	668.99
80	419.32	446.51	532.48
85	284.56	307.88	395.91
90	171.77	195.04	276.44
95	85.08	116.16	183.18
100	26.71	79.37	91.03
105	3.60	74.34	74.34
110	8.78	74.82	74.82
115	6.15	74.53	74.53
120	33.57	82.19	82.19
125	66.25	101.74	101.74
130	97.14	126.16	136.48
135	121.60	147.70	190.83
140	139.08	163.83	221.47
145	154.43	178.34	259.37
150	176.47	199.61	308.78
155	211.67	234.33	360.59
160	258.46	281.36	394.37
165	308.93	332.76	420.95
170	353.41	378.44	460.71
175	383.30	409.26	504.84

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	392.31	418.56	523.22
185	377.08	402.84	518.24
190	337.52	362.09	513.55
195	276.82	299.99	501.62
200	201.88	224.60	469.15
205	126.66	152.32	408.40
210	90.85	120.88	323.85
215	132.02	157.25	242.91
220	195.55	218.34	225.09
225	249.34	272.13	272.13
230	284.18	307.48	307.48
235	297.85	321.43	321.43
240	293.47	316.97	316.97
245	281.44	304.69	304.69
250	282.37	305.64	305.64
255	322.32	346.48	346.48
260	414.03	441.02	441.02
265	553.13	585.52	585.52
270	732.70	772.91	772.91
275	949.63	999.88	999.88
280	1203.64	1266.00	1266.00
285	1494.87	1571.37	1571.37
290	1821.93	1914.47	1914.47
295	2180.39	2290.61	2290.61
300	2562.14	2691.28	2691.28
305	2955.51	3104.18	3104.18
310	3345.94	3514.02	3514.02
315	3717.21	3903.78	3903.78
320	4052.81	4256.10	4256.10
325	4337.40	4554.87	4554.87
330	4557.99	4786.46	4786.46
335	4704.99	4940.79	4940.79
340	4772.78	5011.97	5011.97
345	4760.00	4998.55	4998.55
350	4669.48	4903.51	4903.51
355	4507.86	4733.83	4733.83