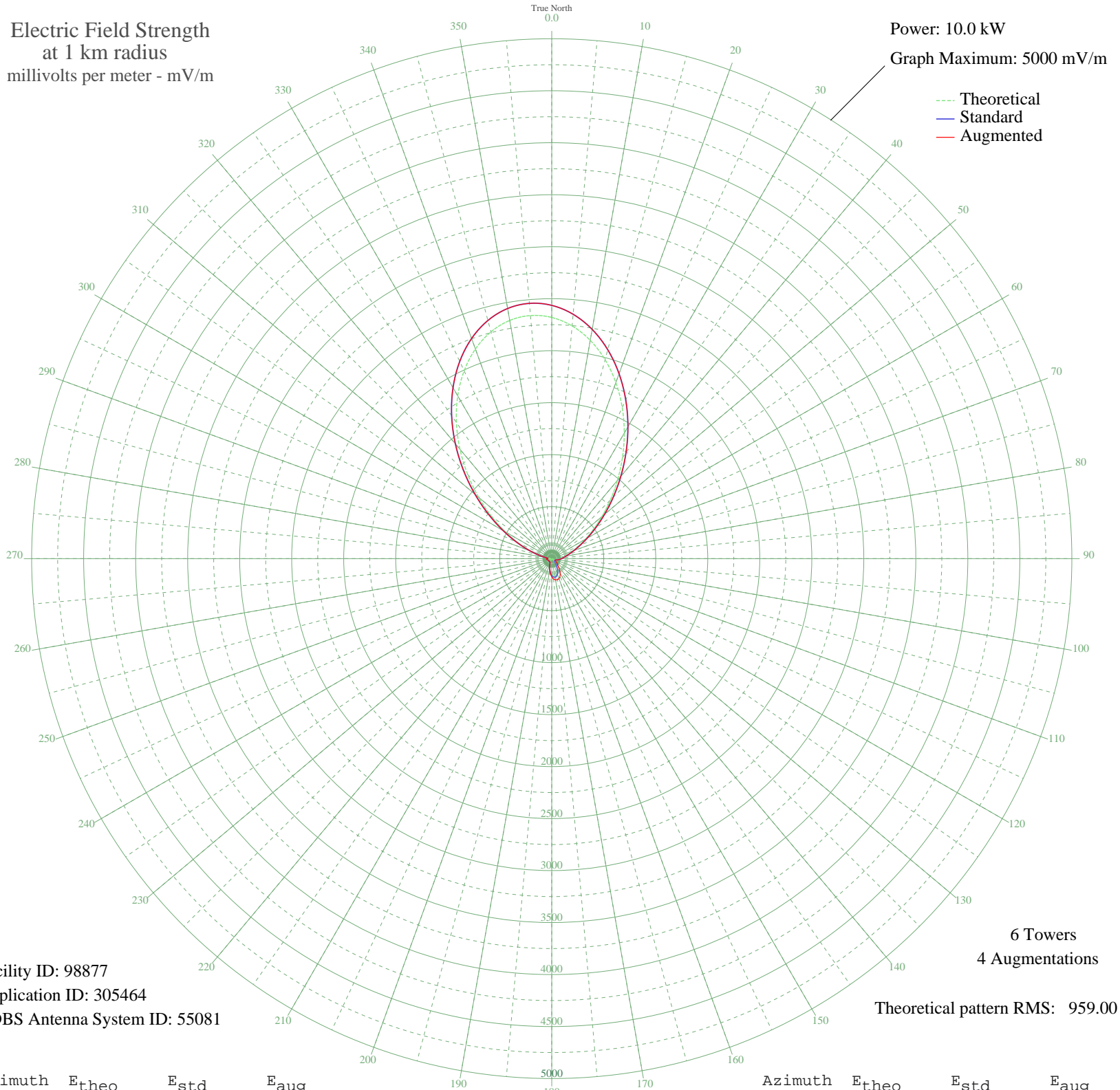


# CHAM HAMILTON, ON Canada -- 820 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98877  
Application ID: 305464  
CDBS Antenna System ID: 55081

6 Towers  
4 Augmentations  
Theoretical pattern RMS: 959.00

Azimuth	Etheo	Estd	Eaug
0	2319.80	2436.01	2436.01
5	2246.76	2359.33	2359.33
10	2131.83	2238.67	2238.67
15	1981.02	2080.34	2080.34
20	1801.94	1892.33	1892.33
25	1603.33	1683.83	1683.83
30	1394.55	1464.66	1464.66
35	1184.91	1244.60	1244.60
40	983.06	1032.74	1032.74
45	796.37	836.85	836.85
50	630.47	662.83	662.83
55	488.93	514.45	514.45
60	373.11	393.17	393.17
65	282.30	298.27	298.27
70	214.01	227.15	227.15
75	164.45	175.83	175.83
80	129.12	139.59	139.59
85	103.46	113.59	113.59
90	83.37	93.63	93.63
95	65.77	76.62	76.62
100	48.81	61.07	61.07
105	32.02	47.25	47.25
110	16.15	37.28	37.46
115	3.37	33.39	34.16
120	6.77	33.96	39.90
125	9.46	34.66	54.25
130	7.61	34.15	68.03
135	16.09	37.26	79.37
140	37.12	51.20	97.67
145	64.61	75.53	129.50
150	94.87	105.00	161.42
155	124.11	134.48	187.67
160	148.59	159.51	203.48
165	165.08	176.49	209.24
170	171.41	183.02	206.58
175	166.73	178.19	196.67

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	151.69	162.70	174.14
185	128.26	138.71	142.61
190	99.48	109.60	109.60
195	68.89	79.59	79.59
200	40.04	53.57	53.57
205	15.99	37.21	37.21
210	4.01	33.47	33.47
215	13.05	35.92	35.92
220	16.86	37.63	37.63
225	15.96	37.19	37.19
230	12.79	35.82	35.82
235	10.01	34.83	34.83
240	9.51	34.67	34.67
245	12.02	35.52	35.52
250	17.94	38.18	38.18
255	26.23	43.14	43.14
260	33.92	48.69	48.69
265	36.68	50.85	50.85
270	29.41	45.34	45.34
275	10.74	35.07	35.07
280	43.23	56.24	56.24
285	114.80	125.03	125.03
290	216.79	230.04	230.04
295	350.11	369.12	369.12
300	513.75	540.46	540.46
305	704.32	740.29	740.29
310	916.21	962.60	962.60
315	1141.83	1199.38	1199.38
320	1372.15	1441.15	1441.15
325	1597.35	1677.55	1677.55
330	1807.43	1898.09	1898.09
335	1992.92	2092.83	2092.83
340	2145.44	2252.95	2252.95
345	2258.16	2371.30	2371.30
350	2326.22	2442.76	2442.76
355	2346.91	2464.48	2464.48