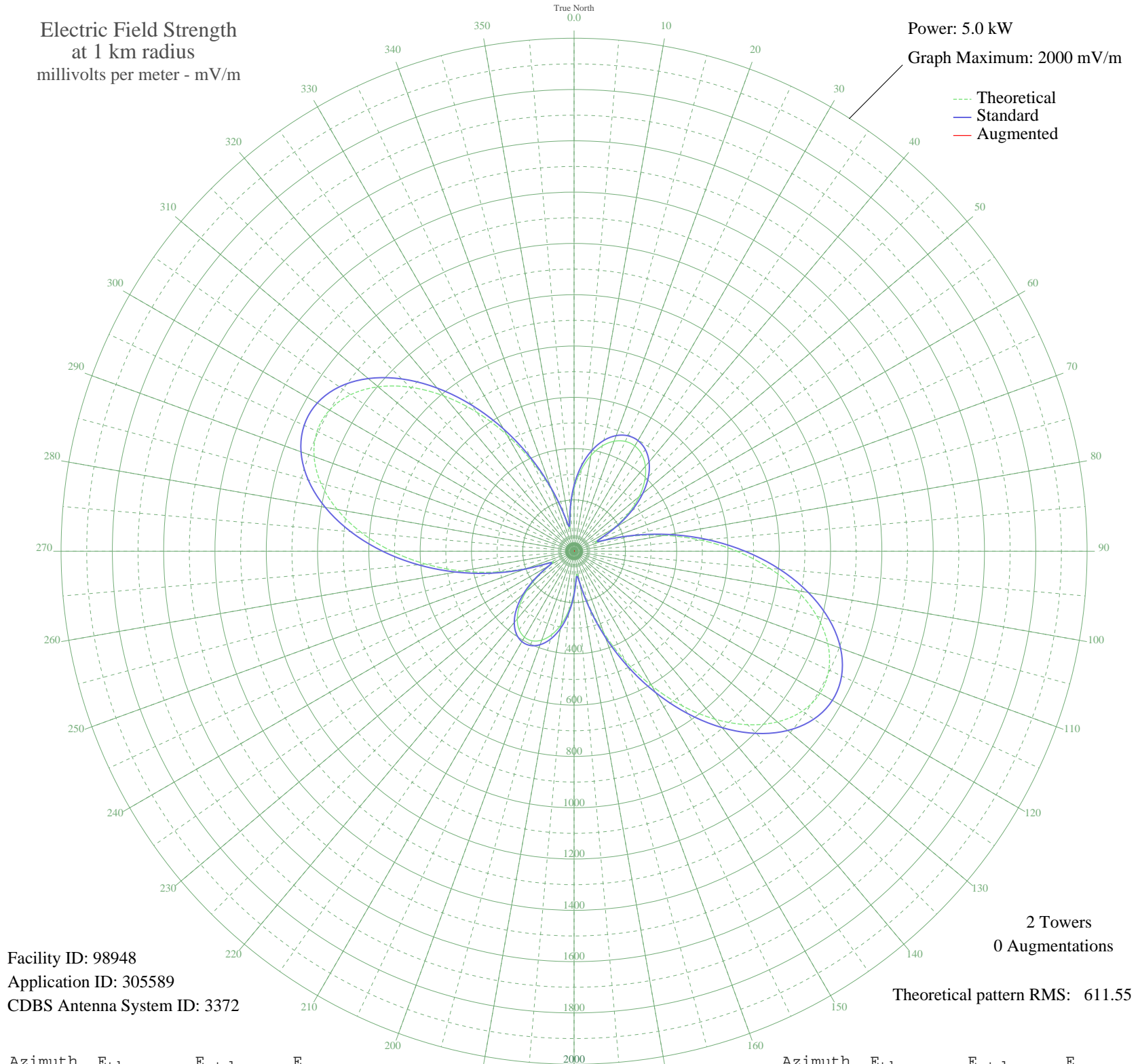


# CHML HAMILTON, ON Canada -- 900 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98948  
Application ID: 305589  
CDBS Antenna System ID: 3372

2 Towers  
0 Augmentations

Theoretical pattern RMS: 611.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	243.50	256.75	
5	318.25	334.99	
10	379.16	398.81	
15	425.19	447.07	
20	456.24	479.63	
25	472.44	496.62	
30	473.91	498.16	
35	460.67	484.27	
40	432.60	454.84	
45	389.57	409.72	
50	331.60	348.97	
55	259.44	273.42	
60	176.39	186.70	
65	100.53	108.14	
70	117.00	125.08	
75	225.07	237.48	
80	356.96	375.54	
85	496.05	521.38	
90	634.56	666.70	
95	765.74	804.37	
100	883.10	927.55	
105	980.53	1029.82	
110	1052.75	1105.64	
115	1095.76	1150.78	
120	1107.18	1162.78	
125	1086.53	1141.10	
130	1035.22	1087.23	
135	956.42	1004.51	
140	854.75	897.80	
145	735.88	773.03	
150	606.03	636.77	
155	471.58	495.71	
160	338.96	356.68	
165	215.51	227.50	
170	116.42	124.48	
175	96.62	104.13	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	159.08	168.67	
185	229.96	242.60	
190	290.50	305.93	
195	337.07	354.71	
200	368.76	387.91	
205	385.37	405.31	
210	386.87	406.90	
215	373.29	392.66	
220	344.61	362.60	
225	300.98	316.90	
230	243.09	256.32	
235	173.66	183.84	
240	105.80	113.55	
245	103.32	111.00	
250	192.89	203.89	
255	313.25	329.75	
260	444.70	467.53	
265	579.31	608.72	
270	710.59	746.49	
275	832.16	874.09	
280	937.74	984.91	
285	1021.53	1072.86	
290	1078.65	1132.82	
295	1105.60	1161.12	
300	1100.61	1155.88	
305	1063.79	1117.23	
310	997.14	1047.26	
315	904.36	949.87	
320	790.52	830.38	
325	661.59	695.06	
330	524.02	550.72	
335	384.48	404.39	
340	250.36	263.93	
345	134.76	143.43	
350	92.50	99.92	
355	159.38	168.98	