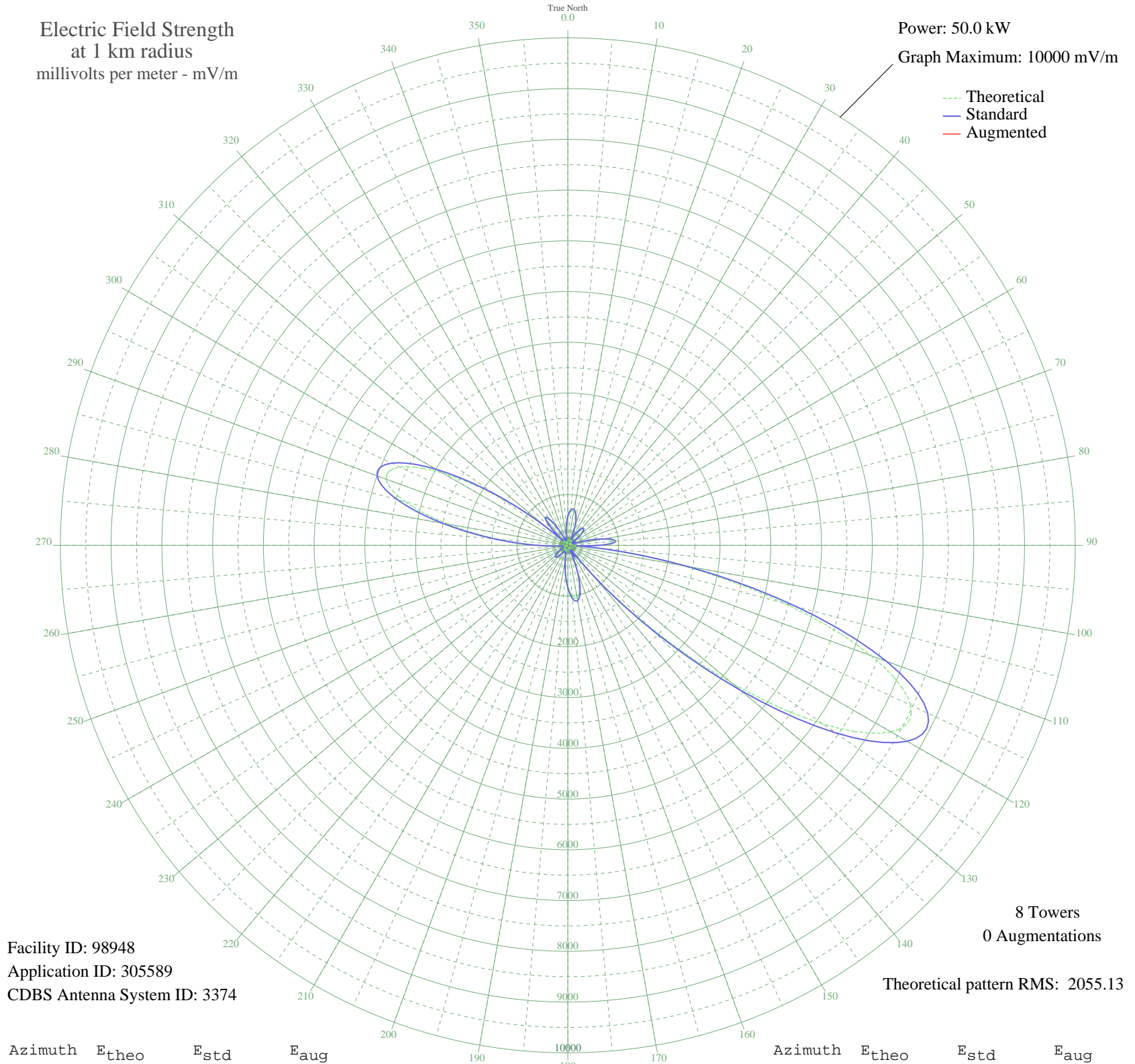


CHML HAMILTON, ON Canada -- 900 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 98948
Application ID: 305589
CDBS Antenna System ID: 3374

8 Towers
0 Augmentations
Theoretical pattern RMS: 2055.13

Azimuth	E _{theo}	E _{std}	E _{aug}
0	541.16	574.44	
5	663.67	701.94	
10	676.23	715.03	
15	581.60	616.48	
20	403.67	432.17	
25	185.58	212.34	
30	117.86	149.78	
35	291.42	317.41	
40	408.10	436.73	
45	418.40	447.35	
50	315.91	342.27	
55	134.99	164.95	
60	55.97	102.82	
65	134.54	164.54	
70	32.22	90.90	
75	295.17	321.21	
80	688.99	728.34	
85	896.76	945.37	
90	593.08	628.43	
95	496.37	527.97	
100	2273.34	2388.49	
105	4432.09	4654.46	
110	6361.70	6680.32	
115	7451.92	7824.97	
120	7353.74	7721.89	
125	6134.45	6441.72	
130	4235.72	4448.31	
135	2265.50	2380.27	
140	743.71	785.44	
145	89.73	126.47	
150	225.53	251.39	
155	82.80	121.15	
160	521.64	554.19	
165	886.72	934.87	
170	1050.47	1106.22	
175	1000.29	1053.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	795.37	839.39	
185	523.50	556.11	
190	270.35	296.14	
195	118.53	150.36	
200	113.44	145.97	
205	107.96	141.31	
210	84.30	122.28	
215	146.58	175.52	
220	243.80	269.53	
225	305.30	331.48	
230	300.35	326.45	
235	228.59	254.42	
240	121.31	152.78	
245	31.50	90.62	
250	7.55	84.74	
255	21.84	87.43	
260	28.97	89.69	
265	127.99	158.68	
270	583.93	618.90	
275	1382.43	1454.00	
280	2390.98	2511.94	
285	3314.09	3480.82	
290	3807.54	3998.81	
295	3646.39	3829.64	
300	2849.39	2993.05	
305	1680.59	1766.64	
310	526.53	559.26	
315	313.67	339.99	
320	652.32	690.11	
325	586.08	621.14	
330	306.26	332.46	
335	31.94	90.79	
340	119.48	151.19	
345	81.23	119.97	
350	102.70	136.92	
355	334.47	361.19	

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