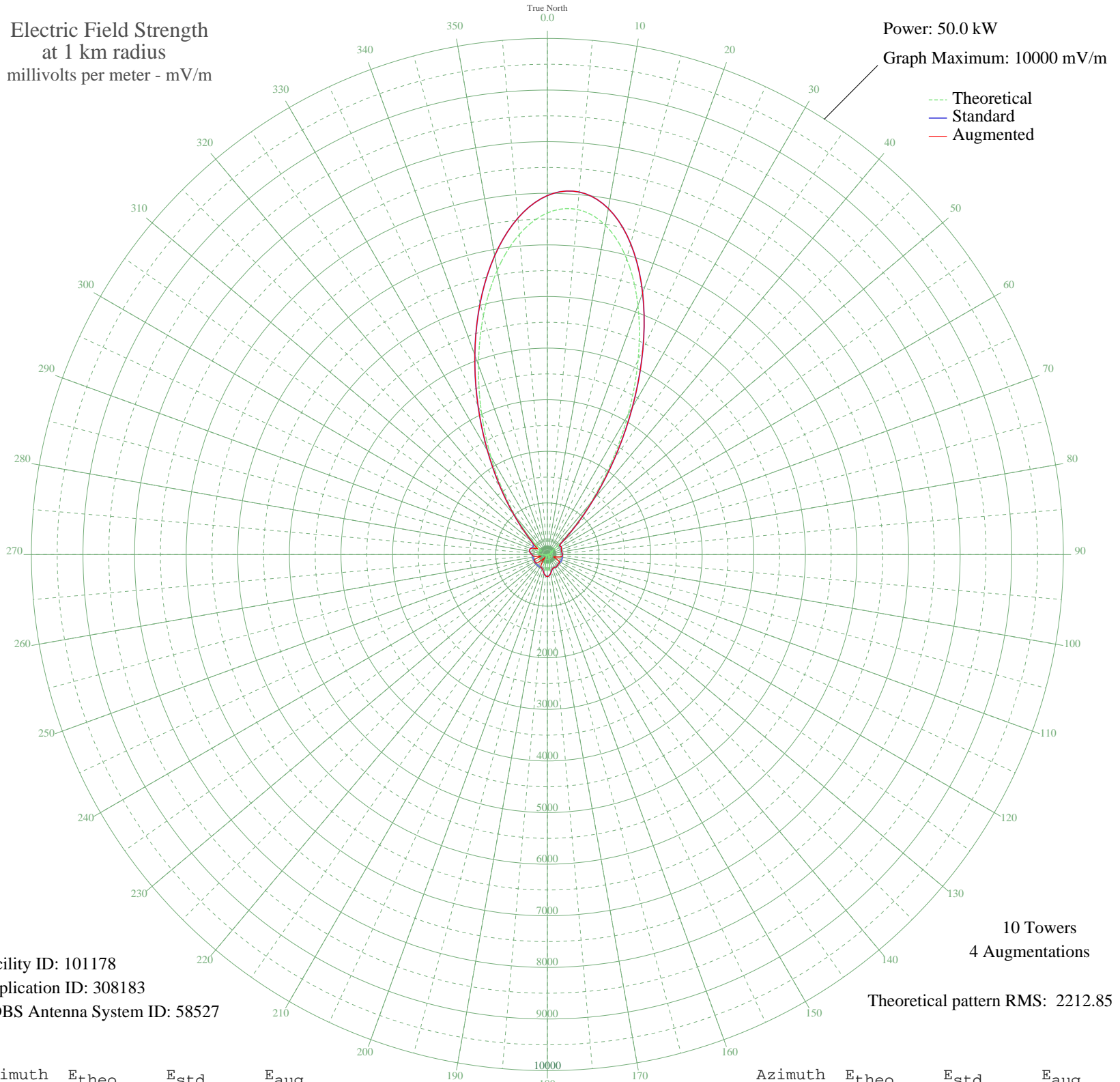


# CKOC HAMILTON, ON Canada -- 1150 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 101178  
Application ID: 308183  
CDBS Antenna System ID: 58527

10 Towers  
4 Augmentations  
Theoretical pattern RMS: 2212.85

Azimuth	Etheo	Estd	Eaug
0	6618.94	6955.54	6955.54
5	6710.48	7051.58	7051.58
10	6477.60	6807.27	6807.27
15	5933.75	6236.75	6236.75
20	5132.32	5396.23	5396.23
25	4160.73	4377.76	4377.76
30	3126.93	3295.24	3295.24
35	2140.84	2265.32	2265.32
40	1294.83	1388.22	1388.22
45	648.52	736.47	736.47
50	224.11	366.16	366.16
55	68.39	289.58	289.58
60	119.89	307.49	307.49
65	106.34	301.94	301.94
70	54.86	286.39	286.39
75	5.43	280.59	280.59
80	39.40	283.57	283.57
85	60.47	287.63	287.63
90	69.76	289.94	289.94
95	75.01	291.38	291.38
100	81.14	293.19	261.01
105	88.45	295.51	183.93
110	92.94	297.03	130.00
115	88.76	295.61	184.10
120	71.46	290.40	257.88
125	40.64	283.76	283.76
130	5.43	280.59	280.59
135	41.13	283.84	283.84
140	71.80	290.49	290.49
145	82.88	293.72	293.72
150	69.73	289.93	289.93
155	46.65	284.78	284.78
160	79.37	292.65	292.65
165	153.52	323.55	323.55
170	228.58	369.20	369.20
175	283.91	409.35	409.35

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

Azimuth	Etheo	Estd	Eaug
180	305.40	426.07	426.07
185	286.94	411.68	411.68
190	232.17	371.66	371.66
195	154.06	323.83	323.83
200	71.62	290.44	290.44
205	5.36	280.59	280.59
210	34.38	282.85	248.19
215	40.19	283.69	158.98
220	22.01	281.49	75.00
225	15.31	281.00	154.12
230	34.34	282.84	248.19
235	36.85	283.19	283.19
240	21.18	281.42	281.42
245	22.58	281.54	281.54
250	46.71	284.79	242.21
255	54.76	286.37	136.56
260	40.37	283.72	194.91
265	45.57	284.59	281.78
270	101.72	300.18	300.18
275	162.08	328.12	328.12
280	202.36	351.92	351.92
285	210.92	357.42	357.42
290	189.50	343.94	343.94
295	154.40	324.01	282.66
300	134.27	313.97	220.00
305	164.86	329.64	289.09
310	285.39	410.48	410.48
315	532.06	625.15	625.15
320	929.51	1015.50	1015.50
325	1486.39	1585.72	1585.72
330	2192.24	2318.88	2318.88
335	3015.74	3178.93	3178.93
340	3905.16	4110.00	4110.00
345	4791.34	5038.72	5038.72
350	5593.52	5879.90	5879.90
355	6227.99	6545.40	6545.40