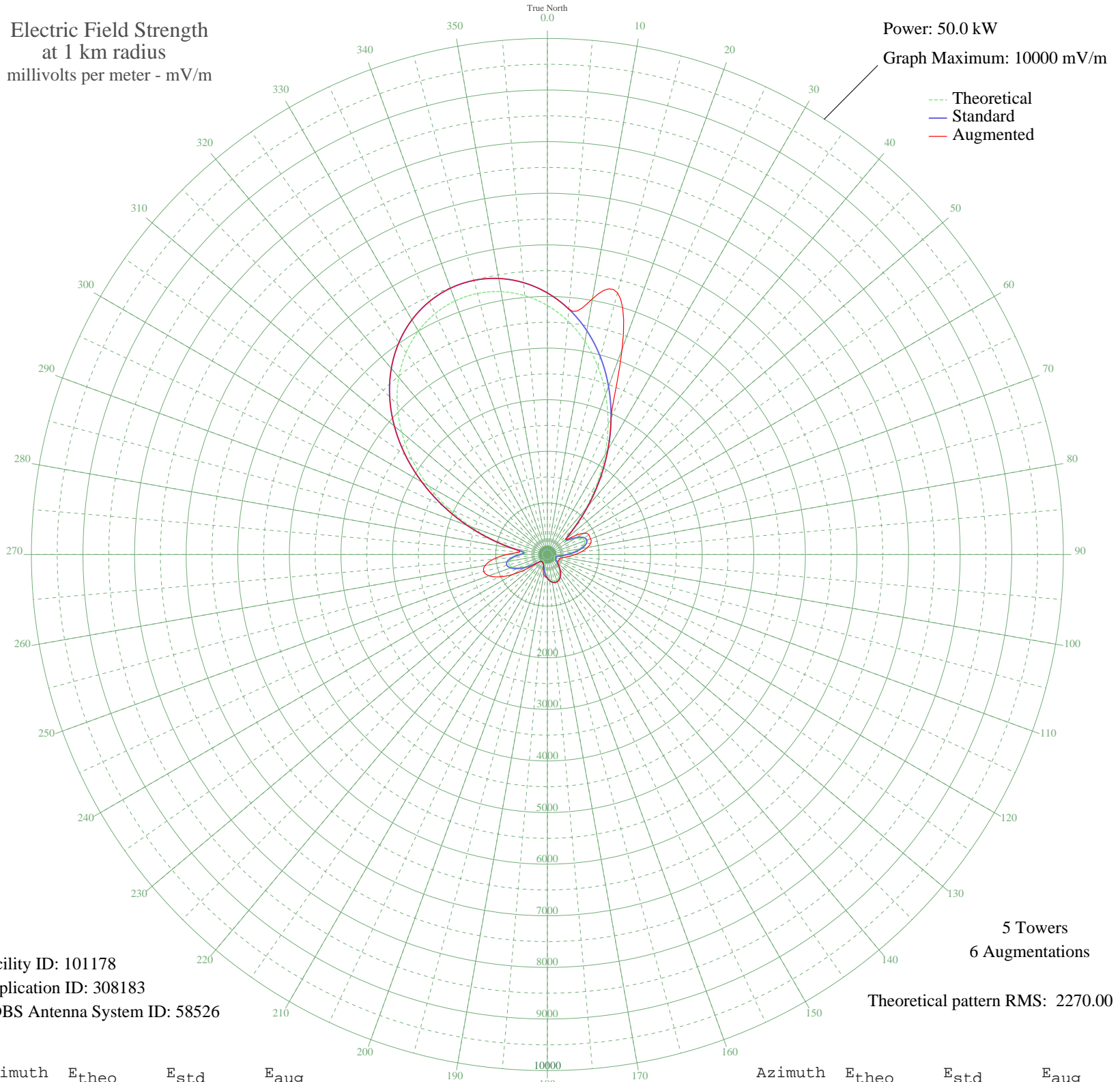


# CKOC HAMILTON, ON Canada -- 1150 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 101178  
Application ID: 308183  
CDBS Antenna System ID: 58526

5 Towers  
6 Augmentations  
Theoretical pattern RMS: 2270.00

Azimuth	Etheo	Estd	Eaug
0	4826.84	5069.21	5069.21
5	4545.60	4773.96	4773.96
10	4193.84	4404.71	5031.68
15	3776.00	3966.11	5250.00
20	3300.26	3466.77	4234.94
25	2779.53	2920.28	2920.28
30	2232.05	2345.87	2345.87
35	1681.87	1768.90	1768.90
40	1160.18	1222.44	1222.44
45	713.44	756.00	756.00
50	442.01	475.16	475.16
55	469.35	503.23	605.07
60	622.58	661.60	826.88
65	735.10	778.55	891.49
70	769.73	814.61	891.50
75	729.26	772.47	871.73
80	630.88	670.21	790.00
85	498.25	532.99	670.33
90	357.27	388.71	538.52
95	234.03	266.01	416.70
100	155.02	192.01	322.07
105	133.29	173.10	265.43
110	138.95	177.94	250.00
115	143.06	181.49	248.42
120	148.43	186.18	240.40
125	172.22	207.55	241.86
130	220.92	253.34	268.13
135	285.14	316.25	319.50
140	352.88	384.27	384.27
145	415.25	447.76	447.76
150	466.44	500.24	500.24
155	502.84	537.71	537.71
160	522.40	557.90	557.90
165	524.20	559.75	559.75
170	508.14	543.18	543.18
175	474.99	509.03	509.03

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	426.53	459.29	459.29
185	366.01	397.58	428.58
190	298.75	329.81	400.00
195	232.94	264.95	309.53
200	180.12	214.81	214.81
205	151.21	188.64	188.64
210	143.53	181.90	181.90
215	140.20	179.02	179.02
220	133.63	173.38	173.38
225	146.41	184.42	184.42
230	213.86	246.57	246.57
235	330.36	361.52	472.20
240	469.89	503.79	766.58
245	606.27	644.69	1023.74
250	713.52	756.09	1202.36
255	767.23	812.01	1275.00
260	748.48	792.48	1225.57
265	650.55	690.63	1053.28
270	498.22	532.96	786.05
275	423.95	456.66	548.46
280	640.08	679.76	679.76
285	1062.83	1120.61	1120.61
290	1574.08	1655.92	1655.92
295	2121.35	2229.74	2229.74
300	2671.48	2806.90	2806.90
305	3199.20	3360.70	3360.70
310	3685.14	3870.73	3870.73
315	4115.36	4322.33	4322.33
320	4480.79	4705.93	4705.93
325	4776.34	5016.19	5016.19
330	4999.83	5250.81	5250.81
335	5150.83	5409.33	5409.33
340	5229.70	5492.13	5492.13
345	5236.86	5499.65	5499.65
350	5172.35	5431.93	5431.93
355	5035.82	5288.59	5288.59