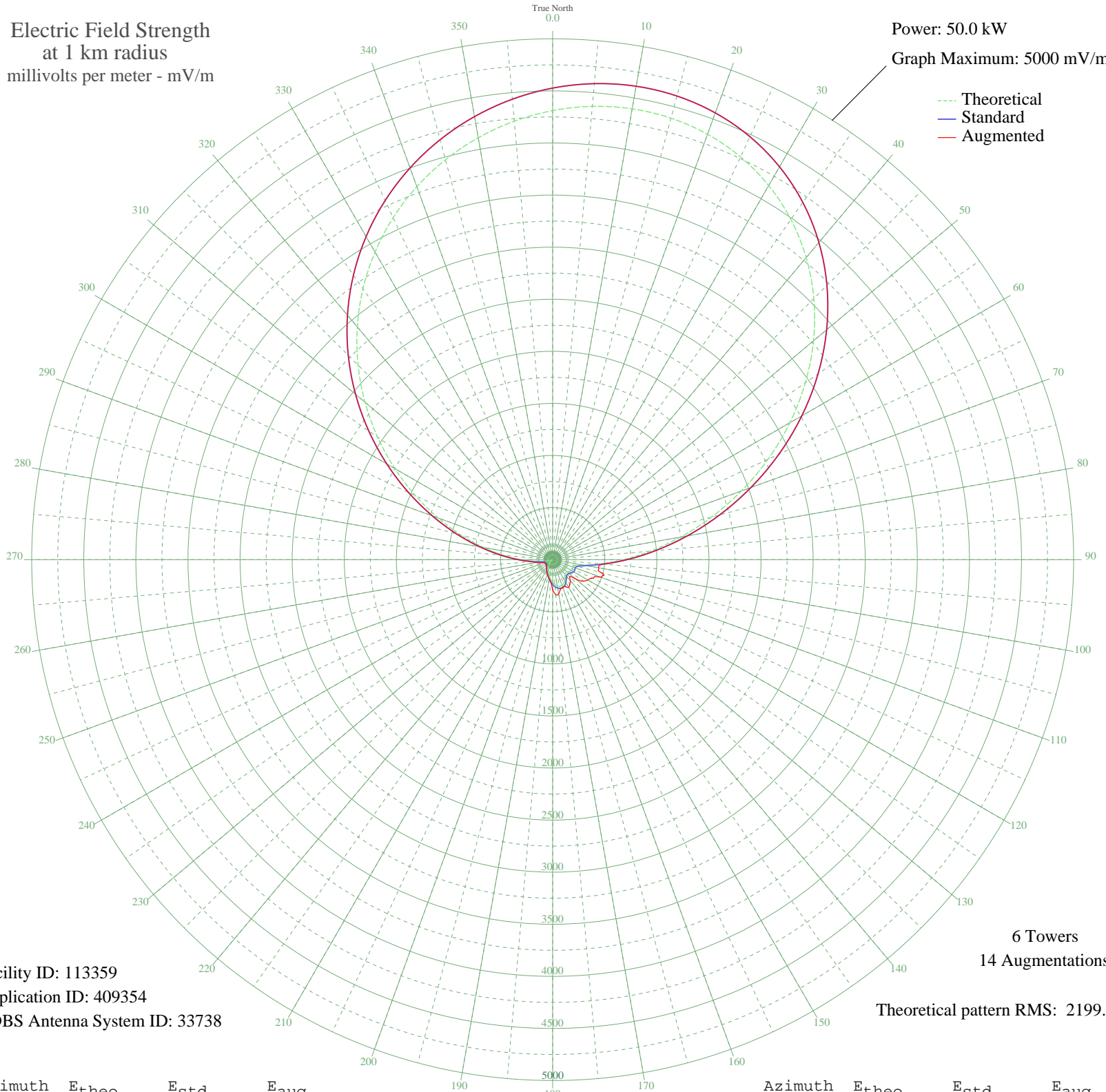


# CFGO OTTAWA, ON Canada -- 1200 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 113359  
Application ID: 409354  
CDBS Antenna System ID: 33738

6 Towers  
14 Augmentations

Theoretical pattern RMS: 2199.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4310.90	4527.05	4527.05
5	4367.98	4586.98	4586.98
10	4394.49	4614.81	4614.81
15	4388.04	4608.04	4608.04
20	4346.11	4564.02	4564.02
25	4266.33	4480.27	4480.27
30	4146.81	4354.78	4354.78
35	3986.44	4186.42	4186.42
40	3785.29	3975.25	3975.25
45	3544.87	3722.85	3722.85
50	3268.35	3432.58	3432.58
55	2960.74	3109.66	3109.66
60	2628.83	2761.27	2761.27
65	2281.12	2396.33	2396.33
70	1927.52	2025.26	2025.26
75	1578.92	1659.52	1659.52
80	1246.65	1311.08	1311.08
85	942.01	991.90	991.90
90	675.97	713.64	713.64
95	459.55	488.20	492.04
100	305.33	329.09	449.15
105	225.36	248.00	481.19
110	208.10	230.78	493.81
115	212.30	234.95	420.00
120	210.41	233.07	390.58
125	198.01	220.77	357.96
130	182.59	205.60	287.52
135	175.76	198.92	229.85
140	184.68	207.65	262.40
145	205.97	228.65	285.79
150	230.50	253.15	308.30
155	250.58	273.38	281.35
160	261.91	284.85	284.85
165	263.04	285.99	291.53
170	254.48	277.33	332.15
175	238.03	260.73	336.58

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	216.13	238.77	285.58
185	191.34	214.19	214.19
190	165.97	189.43	189.43
195	141.74	166.32	166.32
200	119.67	145.95	145.95
205	100.02	128.61	128.61
210	82.40	114.01	114.01
215	66.00	101.56	101.56
220	49.91	90.88	90.88
225	33.62	82.21	82.21
230	17.81	76.57	76.57
235	7.77	74.69	74.69
240	12.72	75.44	75.52
245	14.16	75.72	77.00
250	2.81	74.30	88.14
255	30.76	80.97	108.95
260	89.73	119.95	158.41
265	180.63	203.67	213.18
270	307.24	331.04	331.04
275	471.26	500.36	500.36
280	671.94	709.44	709.44
285	906.13	954.32	954.32
290	1168.47	1229.14	1229.14
295	1452.04	1526.45	1526.45
300	1748.93	1837.87	1837.87
305	2051.02	2154.85	2154.85
310	2350.66	2469.31	2469.31
315	2641.11	2774.16	2774.16
320	2916.94	3063.69	3063.69
325	3174.07	3333.60	3333.60
330	3409.73	3580.98	3580.98
335	3622.20	3804.04	3804.04
340	3810.55	4001.77	4001.77
345	3974.20	4173.57	4173.57
350	4112.68	4318.95	4318.95
355	4225.27	4437.16	4437.16