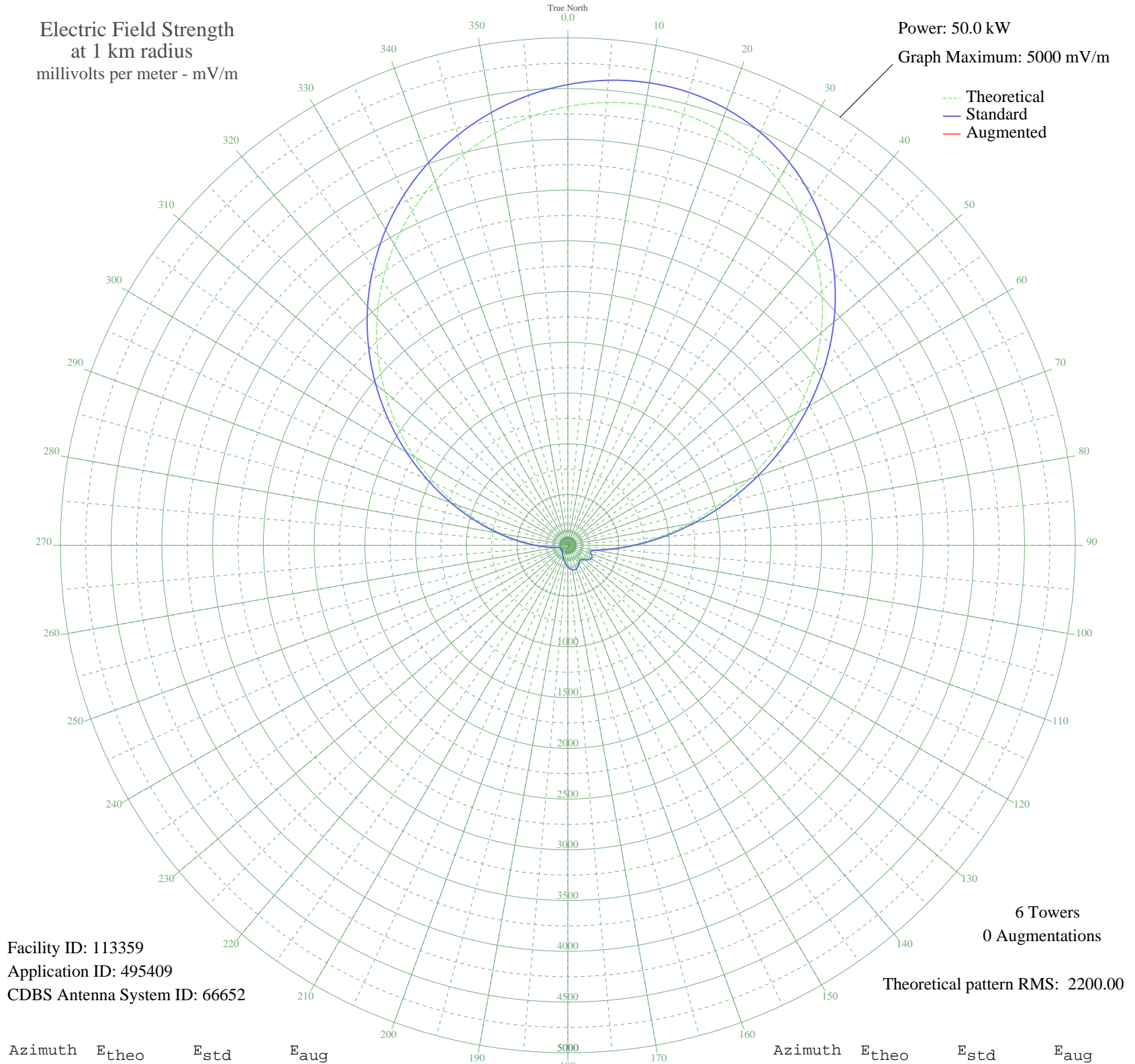


# CFGO OTTAWA, ON Canada -- 1200 kHz

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: 495409  
CDBS Antenna System ID: 66652

6 Towers  
0 Augmentations

Theoretical pattern RMS: 2200.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4322.67	4539.41	
5	4379.69	4599.28	
10	4405.85	4626.74	
15	4398.69	4619.22	
20	4355.61	4574.00	
25	4274.17	4488.49	
30	4152.38	4360.64	
35	3989.11	4189.22	
40	3784.38	3974.29	
45	3539.69	3717.41	
50	3258.26	3421.98	
55	2945.16	3093.31	
60	2607.31	2738.69	
65	2253.37	2367.20	
70	1893.43	1989.48	
75	1538.61	1617.24	
80	1200.55	1262.76	
85	890.99	938.48	
90	621.69	656.98	
95	405.85	432.56	
100	262.32	285.27	
105	210.45	233.11	
110	221.94	244.58	
115	240.10	262.81	
120	241.22	263.94	
125	224.40	247.05	
130	197.77	220.54	
135	173.77	196.98	
140	164.67	188.17	
145	173.83	197.04	
150	193.09	215.91	
155	212.16	234.82	
160	224.63	247.27	
165	227.89	250.54	
170	221.95	244.59	
175	208.31	230.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	189.26	212.14	
185	167.29	190.70	
190	144.63	169.04	
195	122.98	148.95	
200	103.31	131.45	
205	85.88	116.80	
210	70.28	104.68	
215	55.67	94.50	
220	41.13	85.89	
225	26.19	79.18	
230	12.14	75.33	
235	10.02	74.99	
240	18.55	76.76	
245	20.51	77.31	
250	8.80	74.82	
255	23.48	78.23	
260	82.13	113.80	
265	172.91	196.15	
270	299.67	323.29	
275	464.15	492.99	
280	665.66	702.87	
285	900.98	948.94	
290	1164.74	1225.23	
295	1449.93	1524.23	
300	1748.54	1837.47	
305	2052.40	2156.30	
310	2353.74	2472.54	
315	2645.78	2779.06	
320	2923.04	3070.09	
325	3181.44	3341.33	
330	3418.18	3589.86	
335	3631.58	3813.88	
340	3820.70	4012.42	
345	3984.98	4184.89	
350	4123.94	4330.78	
355	4236.88	4449.34	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission