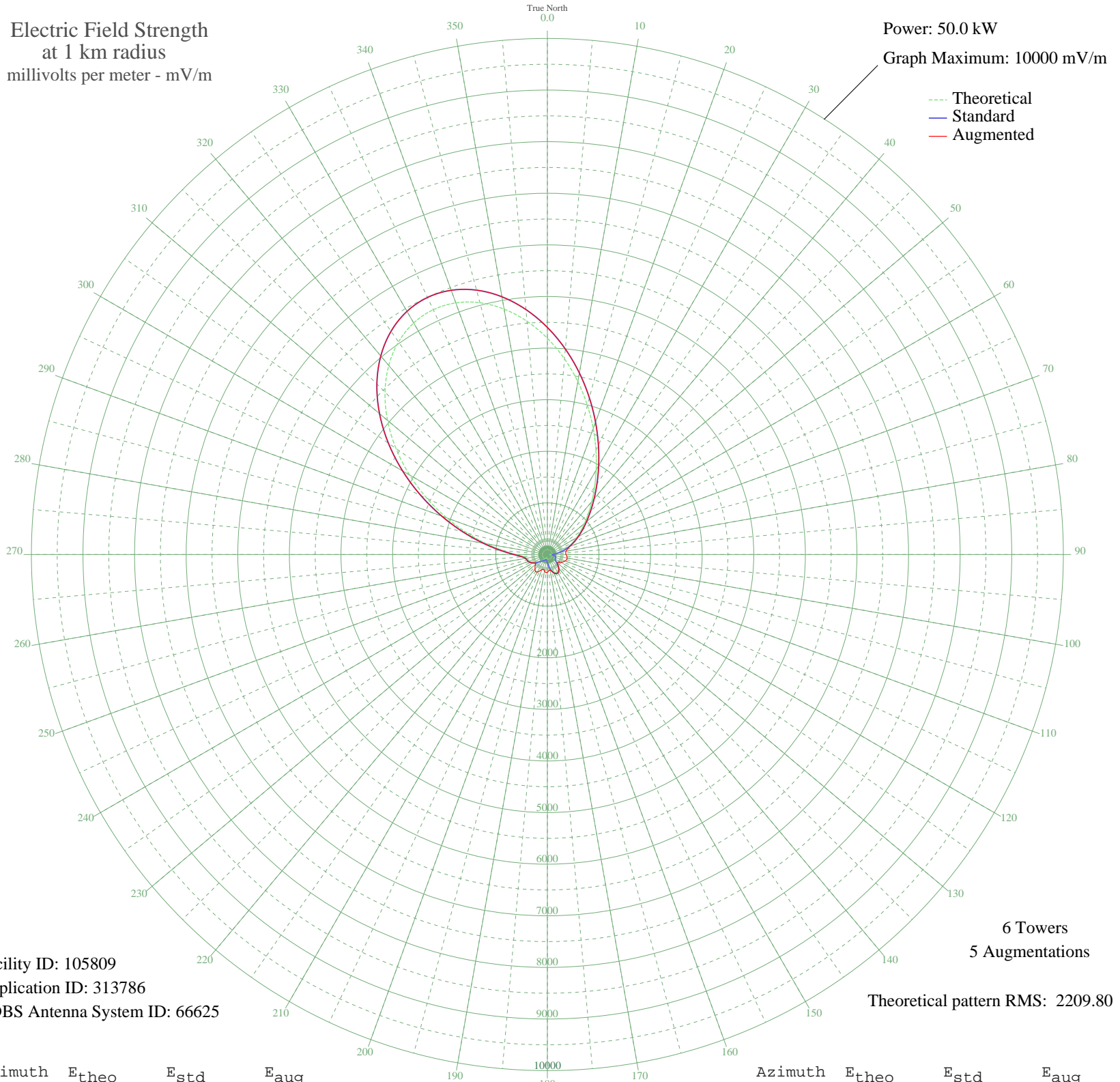


# CKYC TORONTO, ON Canada -- 1430 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 105809  
Application ID: 313786  
CDBS Antenna System ID: 66625

6 Towers  
5 Augmentations  
Theoretical pattern RMS: 2209.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4190.93	4401.10	4401.10
5	3806.32	3997.33	3997.33
10	3401.57	3572.42	3572.42
15	2993.77	3144.34	3144.34
20	2598.34	2729.27	2729.27
25	2227.94	2340.52	2340.52
30	1891.77	1987.75	1987.75
35	1595.13	1676.53	1676.53
40	1339.46	1408.39	1408.39
45	1122.79	1181.26	1181.26
50	940.57	990.39	990.39
55	786.60	829.26	829.26
60	653.95	690.65	690.65
65	535.93	567.60	567.60
70	426.87	454.33	466.13
75	323.06	347.24	399.85
80	223.36	246.00	367.38
85	130.05	155.43	356.44
90	54.19	93.54	362.29
95	56.93	95.32	379.01
100	104.87	132.81	390.00
105	138.26	163.06	385.77
110	151.50	175.55	365.19
115	149.39	173.54	336.22
120	146.53	170.83	298.65
125	163.54	187.08	258.22
130	207.11	229.79	248.11
135	264.56	287.54	287.54
140	320.23	344.34	344.34
145	362.57	387.87	387.87
150	384.35	410.34	410.34
155	382.42	408.35	408.35
160	357.34	382.48	382.48
165	312.90	336.83	336.83
170	255.30	278.15	305.57
175	192.15	214.99	317.57

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	131.81	157.06	343.41
185	83.69	115.04	350.00
190	60.09	97.44	320.90
195	64.15	100.25	297.80
200	77.82	110.41	313.28
205	90.84	120.87	350.42
210	103.38	131.51	391.93
215	118.81	145.18	398.67
220	140.68	165.33	372.84
225	171.23	194.52	339.25
230	210.46	233.12	302.23
235	255.63	278.49	286.82
240	301.41	325.07	325.07
245	341.01	365.68	365.68
250	368.62	394.11	394.11
255	384.48	410.47	410.47
260	404.02	430.67	430.67
265	465.71	494.59	494.59
270	612.99	647.91	647.91
275	860.58	906.65	906.65
280	1198.55	1260.66	1260.66
285	1609.91	1692.03	1692.03
290	2075.59	2180.63	2180.63
295	2574.56	2704.31	2704.31
300	3084.22	3239.29	3239.29
305	3581.32	3761.12	3761.12
310	4043.30	4246.12	4246.12
315	4449.62	4672.69	4672.69
320	4782.90	5022.59	5022.59
325	5029.81	5281.82	5281.82
330	5181.61	5441.20	5441.20
335	5234.39	5496.61	5496.61
340	5189.02	5448.98	5448.98
345	5050.91	5303.97	5303.97
350	4829.51	5071.53	5071.53
355	4537.69	4765.15	4765.15