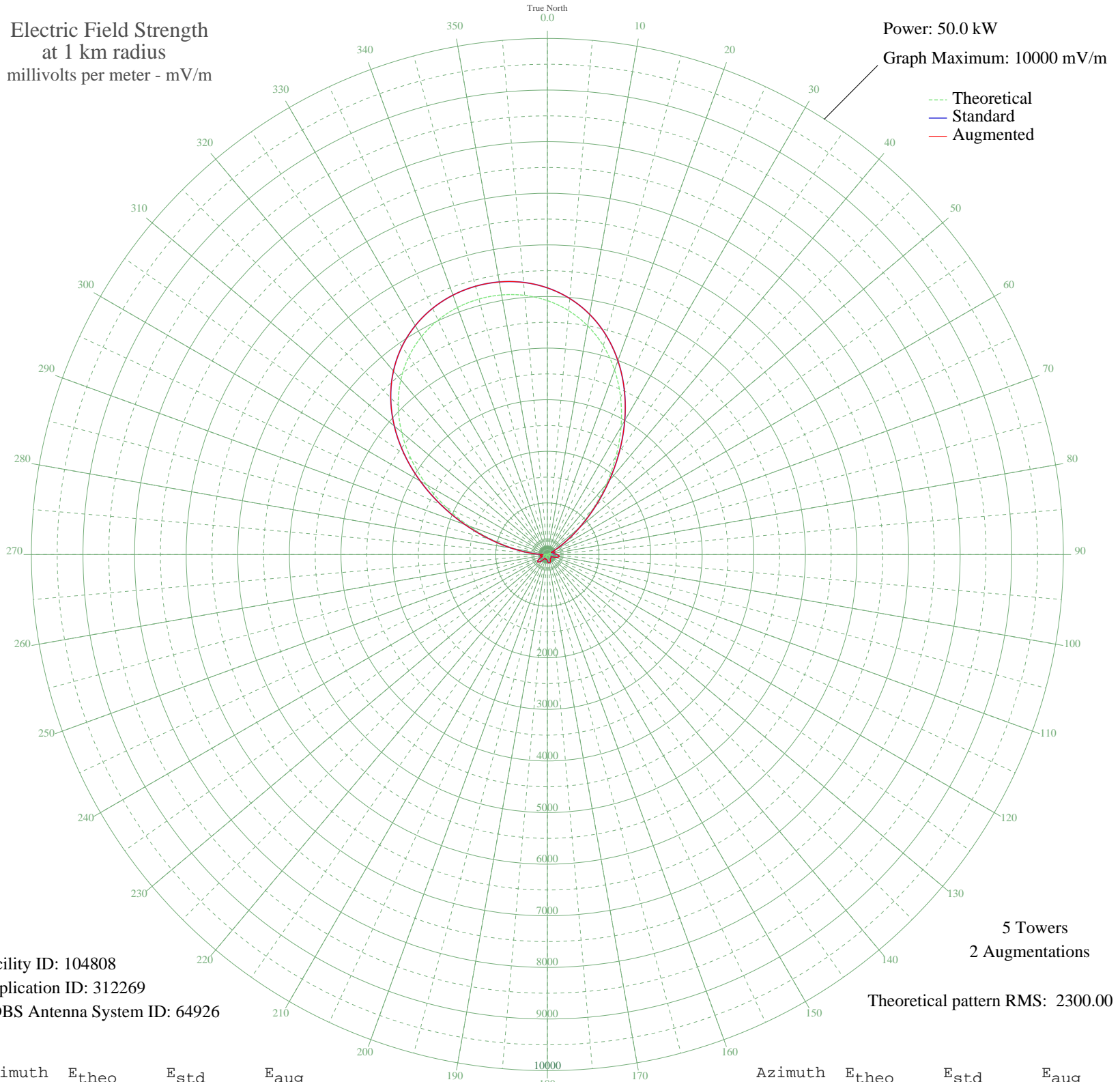


CIWW OTTAWA, ON Canada -- 1310 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 104808
Application ID: 312269
CDBS Antenna System ID: 64926

5 Towers
2 Augmentations
Theoretical pattern RMS: 2300.00

Azimuth	Etheo	Estd	Eaug
0	4920.64	5167.25	5167.25
5	4742.26	4979.98	4979.98
10	4499.62	4725.24	4725.24
15	4188.05	4398.14	4398.14
20	3806.17	3997.24	3997.24
25	3358.07	3526.83	3526.83
30	2855.02	2998.78	2998.78
35	2316.40	2433.46	2433.46
40	1769.06	1859.14	1859.14
45	1245.00	1309.56	1309.56
50	777.30	819.86	819.86
55	394.93	421.89	421.89
60	117.54	145.83	145.83
65	49.89	93.69	93.69
70	114.39	143.04	143.04
75	101.64	132.00	137.07
80	59.52	99.70	123.44
85	91.26	123.36	135.73
90	158.00	183.18	183.18
95	201.44	225.33	225.33
100	208.25	232.05	232.05
105	180.08	204.42	204.42
110	127.40	154.69	154.69
115	64.88	103.32	103.32
120	8.77	78.23	78.23
125	36.68	86.71	86.71
130	58.16	98.81	98.81
135	59.78	99.87	99.87
140	51.09	94.40	94.40
145	54.00	96.18	96.18
150	78.53	113.28	113.28
155	108.70	138.06	138.06
160	131.92	158.81	158.81
165	141.85	167.98	167.98
170	136.21	162.75	163.74
175	116.26	144.70	154.86

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	87.10	120.00	120.00
185	59.23	99.51	99.51
190	49.63	93.54	93.54
195	57.67	98.50	98.50
200	60.40	100.28	100.28
205	44.86	90.85	90.85
210	9.48	78.32	78.32
215	47.69	92.42	92.42
220	110.22	139.39	139.39
225	167.21	191.99	191.99
230	203.56	227.42	227.42
235	207.18	231.00	231.00
240	173.46	198.01	198.01
245	110.49	139.62	139.62
250	57.95	98.67	98.67
255	89.46	121.89	121.89
260	117.21	145.54	145.54
265	77.33	112.37	112.37
270	60.04	100.05	100.05
275	306.13	330.69	330.69
280	660.58	697.95	697.95
285	1107.00	1164.94	1164.94
290	1618.53	1701.24	1701.24
295	2162.72	2272.18	2272.18
300	2706.77	2843.16	2843.16
305	3222.07	3384.07	3384.07
310	3687.04	3872.17	3872.17
315	4088.15	4293.26	4293.26
320	4419.47	4641.09	4641.09
325	4681.04	4915.71	4915.71
330	4876.83	5121.27	5121.27
335	5012.58	5263.78	5263.78
340	5093.93	5349.19	5349.19
345	5125.01	5381.82	5381.82
350	5107.57	5363.51	5363.51
355	5040.63	5293.23	5293.23