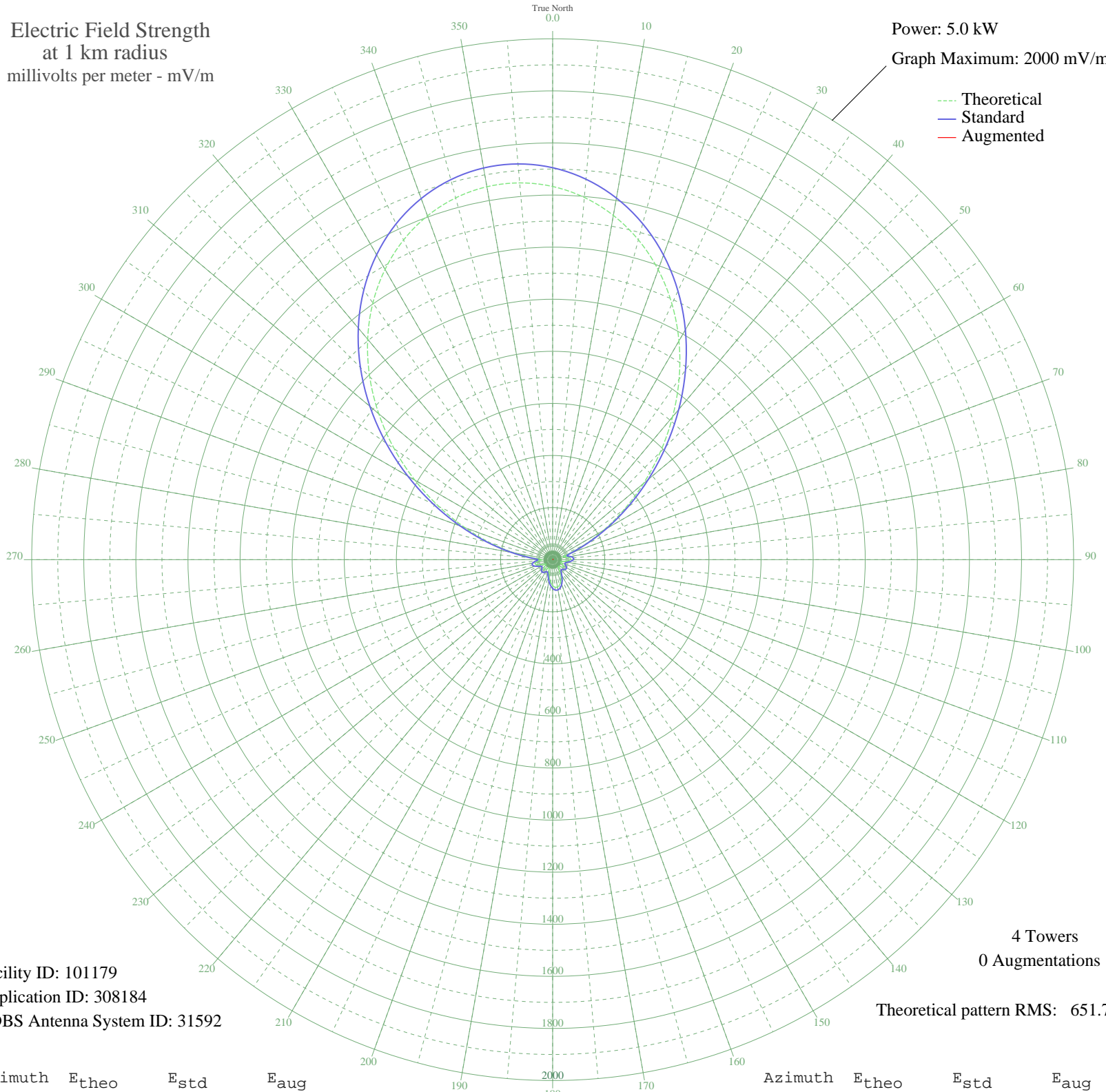


# CJRC OTTAWA, ON Canada -- 1150 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101179  
Application ID: 308184  
CDBS Antenna System ID: 31592

4 Towers  
0 Augmentations

Theoretical pattern RMS: 651.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1432.97	1505.06	
5	1396.22	1466.49	
10	1342.24	1409.83	
15	1271.49	1335.56	
20	1184.81	1244.59	
25	1083.56	1138.32	
30	969.77	1018.91	
35	846.18	889.24	
40	716.35	753.05	
45	584.47	614.78	
50	455.28	479.43	
55	333.71	352.28	
60	224.68	238.71	
65	133.03	144.35	
70	65.41	77.75	
75	40.93	56.34	
80	56.08	69.25	
85	67.85	80.02	
90	67.45	79.65	
95	57.26	70.30	
100	42.57	57.67	
105	31.63	49.30	
110	32.81	50.14	
115	41.13	56.50	
120	47.57	61.83	
125	48.59	62.70	
130	44.12	58.94	
135	36.87	53.17	
140	33.58	50.70	
145	41.25	56.60	
150	56.94	70.02	
155	74.44	86.24	
160	89.92	101.21	
165	101.13	112.26	
170	106.72	117.83	
175	106.09	117.20	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	99.30	110.45	
185	87.11	98.46	
190	71.01	82.99	
195	53.49	66.95	
200	38.85	54.70	
205	33.48	50.63	
210	38.29	54.26	
215	45.37	59.98	
220	48.86	62.93	
225	46.66	61.06	
230	39.41	55.14	
235	31.63	49.31	
240	33.01	50.29	
245	45.53	60.11	
250	59.86	72.65	
255	68.44	80.58	
260	66.46	78.73	
265	52.55	66.12	
270	41.11	56.49	
275	76.42	88.13	
280	149.71	161.37	
285	245.25	260.08	
290	357.17	376.80	
295	480.66	506.01	
300	610.79	642.36	
305	742.62	780.60	
310	871.52	915.82	
315	993.41	1043.71	
320	1104.89	1160.71	
325	1203.36	1264.06	
330	1286.95	1351.79	
335	1354.40	1422.59	
340	1404.96	1475.66	
345	1438.23	1510.59	
350	1454.03	1527.16	
355	1452.27	1525.32	

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission