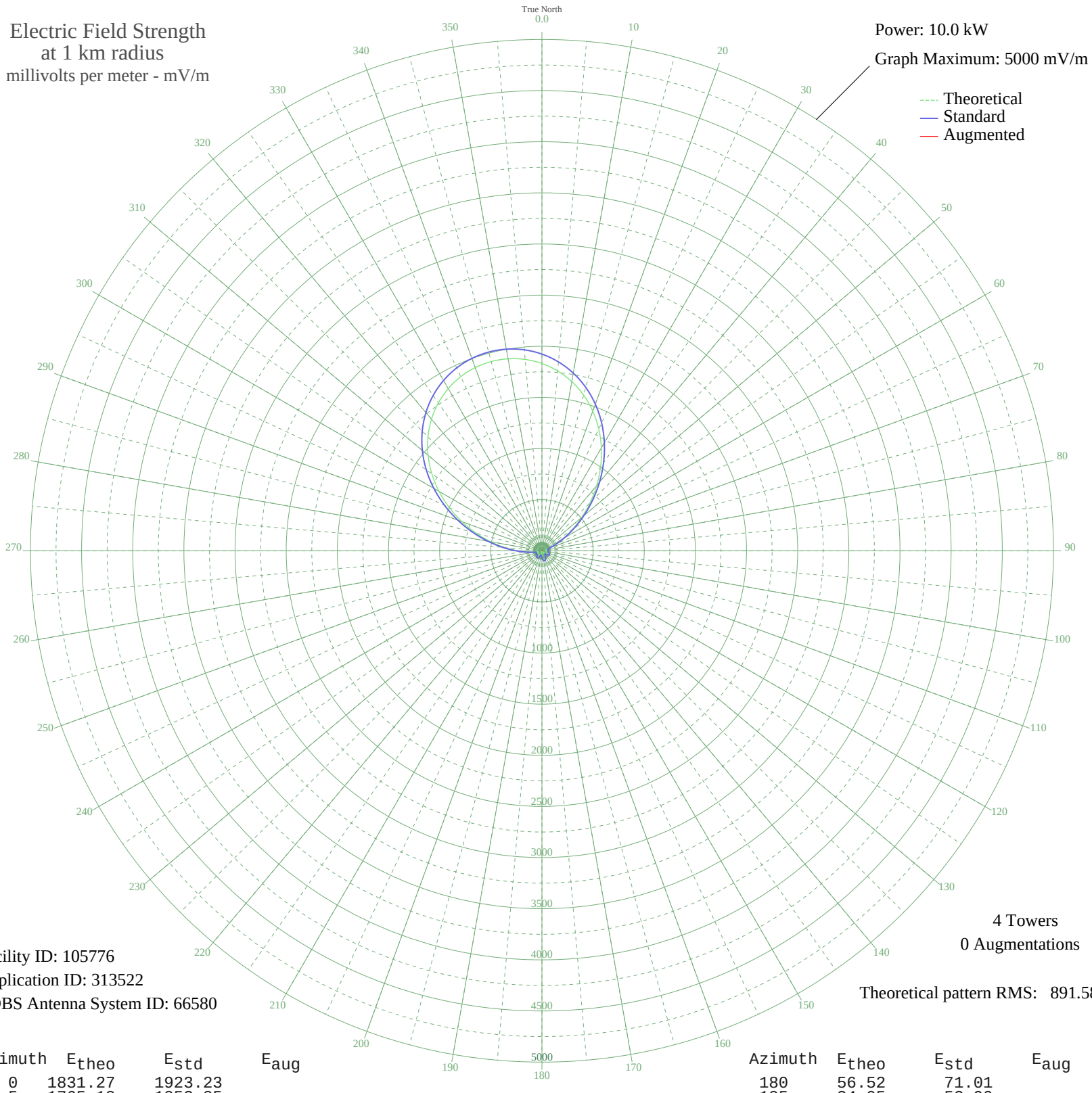
CKLC KINGSTON, ON Canada -- 1380 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 105776
Application ID: 313522
CDBS Antenna System ID: 66580

Theoretical pattern RMS: 891.58

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1831.27	1923.23	
5	1765.18	1853.85	
10	1679.79	1764.21	
15	1575.36	1654.59	
20	1452.81	1525.95	
25	1313.88	1380.13	
30	1161.40	1220.09	
35	999.29	1049.97	
40	832.55	875.04	
45	667.01	701.45	
50	508.97	535.84	
55	364.63	384.84	
60	239.63	254.61	
65	138.70	150.76	
70	66.64	80.10	
75	35.29	53.78	
80	41.97	58.83	
85	46.97	62.87	
90	43.09	59.72	
95	37.98	55.77	
100	41.72	58.64	
105	53.30	68.21	
110	64.49	78.14	
115	69.97	83.17	
120	67.51	80.89	
125	56.88	71.32	
130	39.22	56.71	
135	16.60	42.70	
140	9.16	40.15	
145	34.05	52.90	
150	56.52	71.01	
155	74.23	87.15	
160	85.54	97.91	
165	89.42	101.67	
170	85.54	97.91	
175	74.23	87.15	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	56.52	71.01	
185	34.05	52.90	
190	9.16	40.15	
195	16.60	42.70	
200	39.22	56.71	
205	56.88	71.32	
210	67.51	80.89	
215	69.97	83.17	
220	64.49	78.14	
225	53.30	68.21	
230	41.72	58.64	
235	37.98	55.77	
240	43.09	59.72	
245	46.97	62.87	
250	41.97	58.83	
255	35.29	53.78	
260	66.64	80.10	
265	138.70	150.76	
270	239.63	254.61	
275	364.63	384.84	
280	508.97	535.84	
285	667.01	701.45	
290	832.55	875.04	
295	999.29	1049.97	
300	1161.40	1220.09	
305	1313.88	1380.13	
310	1452.81	1525.95	
315	1575.36	1654.59	
320	1679.79	1764.21	
325	1765.18	1853.85	
330	1831.27	1923.23	
335	1878.18	1972.48	
340	1906.17	2001.86	
345	1915.47	2011.62	
350	1906.17	2001.86	
355	1878.18	1972.48	

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