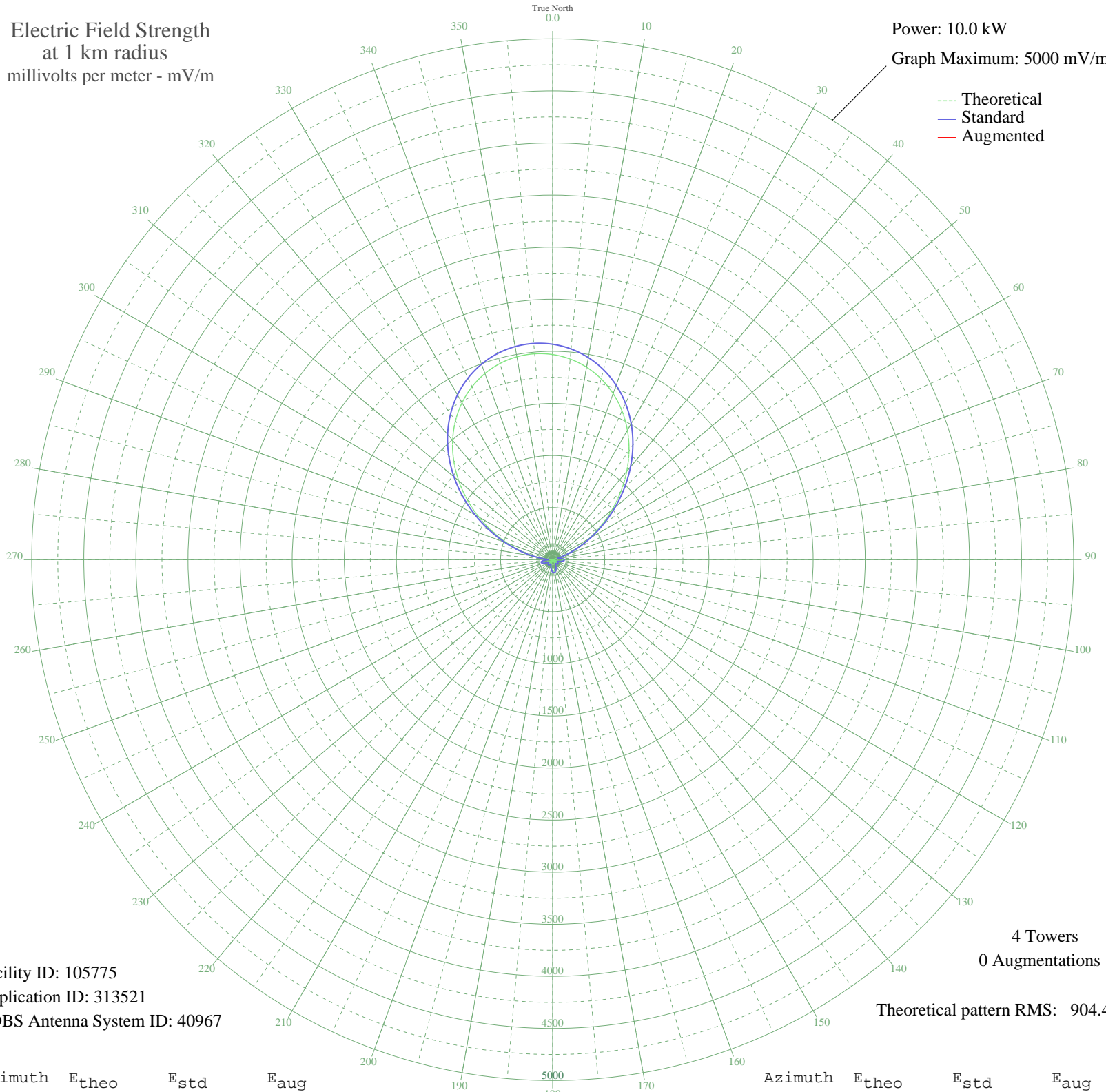


# CKPC BRANTFORD, ON Canada -- 1380 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105775  
Application ID: 313521  
CDBS Antenna System ID: 40967

4 Towers  
0 Augmentations

Theoretical pattern RMS: 904.45

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1969.07	2067.95	
5	1933.16	2030.25	
10	1875.87	1970.11	
15	1797.05	1887.37	
20	1696.79	1782.12	
25	1575.70	1655.01	
30	1435.16	1507.50	
35	1277.60	1342.13	
40	1106.60	1162.68	
45	927.01	974.26	
50	744.77	783.12	
55	566.57	596.36	
60	399.43	421.48	
65	250.01	265.82	
70	124.00	136.74	
75	25.99	49.92	
80	45.23	63.27	
85	85.95	99.46	
90	101.04	114.03	
95	95.04	108.19	
100	73.93	88.17	
105	44.30	62.53	
110	12.54	43.82	
115	16.03	45.06	
120	37.01	57.08	
125	48.07	65.54	
130	48.37	65.77	
135	38.58	58.20	
140	20.82	47.17	
145	7.97	42.63	
150	31.82	53.51	
155	57.98	73.84	
160	81.22	94.97	
165	99.06	112.10	
170	109.75	122.59	
175	112.28	125.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	106.42	119.30	
185	92.70	105.93	
190	72.45	86.80	
195	47.70	65.23	
200	21.34	47.43	
205	8.85	42.82	
210	28.67	51.51	
215	43.60	61.99	
220	49.53	66.72	
225	44.93	63.03	
230	29.71	52.15	
235	5.43	42.19	
240	25.11	49.42	
245	56.75	72.79	
250	83.77	97.38	
255	99.61	112.63	
260	97.84	110.91	
265	72.92	87.23	
270	21.55	47.53	
275	61.48	76.90	
280	171.29	184.65	
285	307.26	325.32	
290	464.52	489.53	
295	636.91	670.06	
300	817.57	859.46	
305	999.52	1050.33	
310	1176.33	1235.85	
315	1342.46	1410.21	
320	1493.58	1568.82	
325	1626.57	1708.41	
330	1739.45	1826.90	
335	1831.17	1923.18	
340	1901.37	1996.87	
345	1950.08	2048.01	
350	1977.50	2076.79	
355	1983.81	2083.42	

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