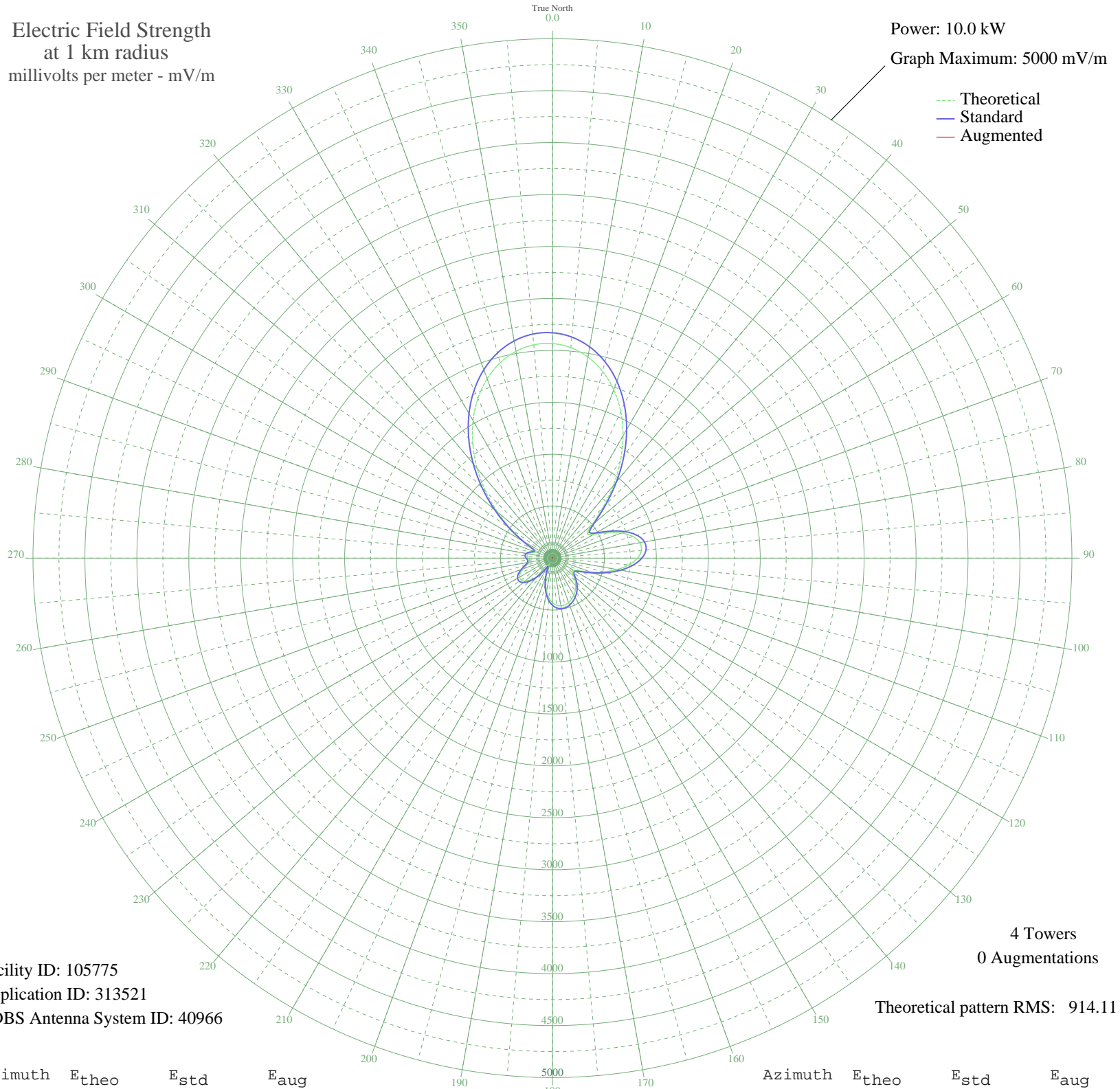


# CKPC BRANTFORD, ON Canada -- 1380 kHz

Daytime

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: 40966

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 914.11

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2065.33	2169.44	
5	2033.46	2136.00	
10	1965.65	2064.82	
15	1862.44	1956.51	
20	1725.12	1812.39	
25	1556.03	1634.96	
30	1359.09	1428.34	
35	1140.58	1199.15	
40	910.46	957.91	
45	685.54	722.38	
50	498.37	526.79	
55	410.16	434.93	
60	459.49	486.27	
65	581.94	614.05	
70	707.23	745.07	
75	802.60	844.91	
80	854.52	899.29	
85	858.94	903.93	
90	818.09	861.14	
95	738.92	778.24	
100	632.05	666.42	
105	510.74	539.71	
110	390.62	414.62	
115	290.67	311.18	
120	233.93	253.02	
125	232.38	251.44	
130	266.01	285.83	
135	308.60	329.67	
140	348.27	370.69	
145	382.39	406.07	
150	411.39	436.21	
155	435.70	461.50	
160	454.51	481.09	
165	465.79	492.84	
170	466.82	493.91	
175	454.91	481.50	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	427.95	453.43	
185	384.85	408.63	
190	325.81	347.45	
195	252.58	272.07	
200	169.19	187.74	
205	86.83	109.54	
210	69.88	95.24	
215	144.49	163.41	
220	225.80	244.74	
225	294.36	314.99	
230	342.79	365.02	
235	366.83	389.93	
240	365.18	388.22	
245	340.27	362.41	
250	299.14	319.91	
255	254.55	274.09	
260	224.04	242.96	
265	219.87	238.72	
270	234.03	253.12	
275	245.58	264.91	
280	237.96	257.13	
285	206.39	225.05	
290	169.17	187.72	
295	191.78	210.32	
300	310.47	331.60	
305	486.25	514.16	
310	691.01	728.09	
315	908.70	956.06	
320	1127.24	1185.16	
325	1336.66	1404.80	
330	1528.82	1606.41	
335	1697.37	1783.27	
340	1837.61	1930.45	
345	1946.28	2044.49	
350	2021.22	2123.15	
355	2061.15	2165.06	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission