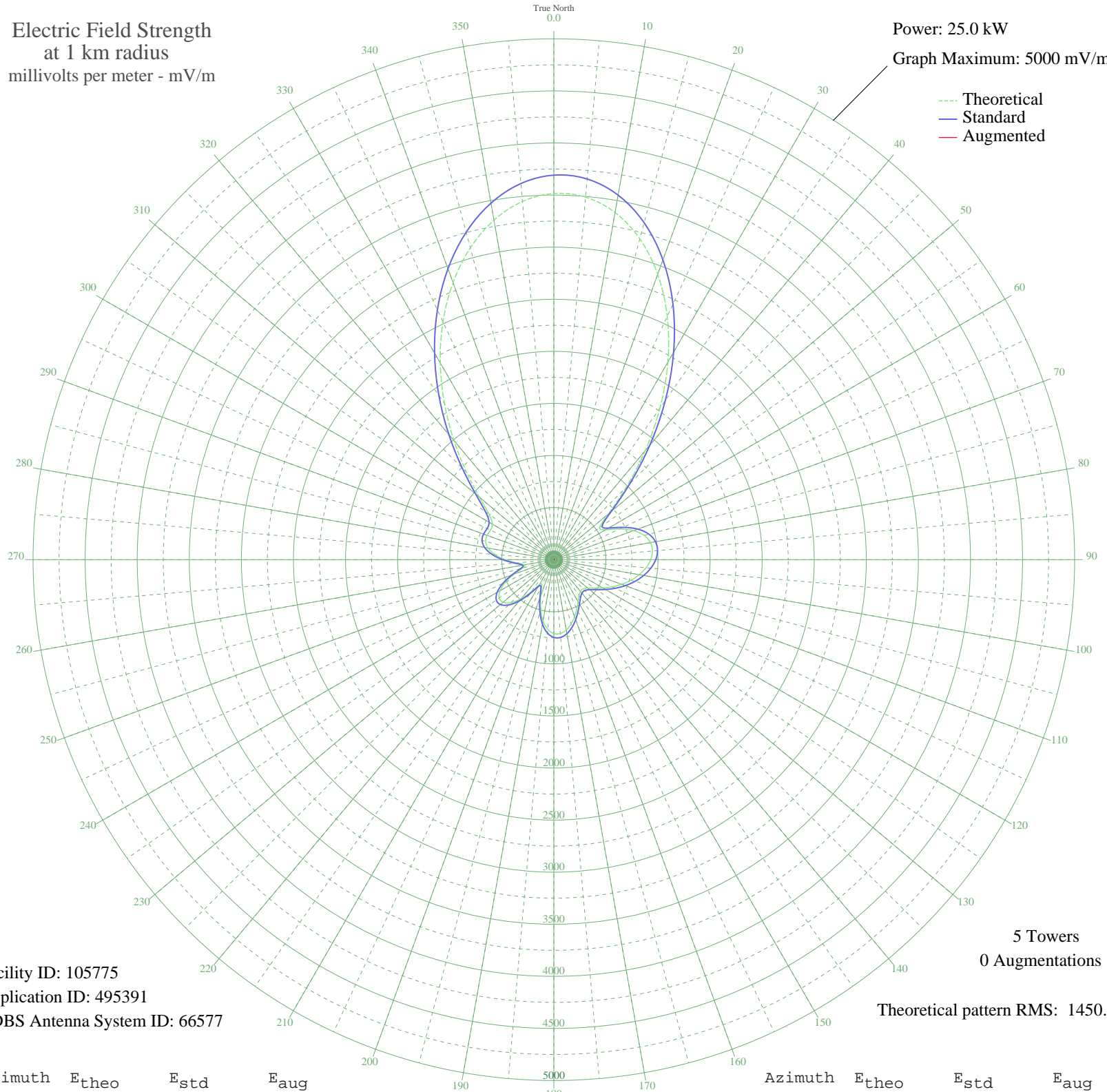


# CKPC BRANTFORD, ON Canada -- 1380 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105775  
Application ID: 495391  
CDBS Antenna System ID: 66577

5 Towers  
0 Augmentations

Theoretical pattern RMS: 1450.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3515.24	3691.38	
5	3493.44	3668.49	
10	3383.95	3553.53	
15	3188.94	3348.80	
20	2915.71	3061.94	
25	2576.80	2706.15	
30	2189.73	2299.81	
35	1776.42	1865.98	
40	1363.12	1432.24	
45	982.40	1032.85	
50	682.03	718.06	
55	536.54	565.81	
60	574.66	605.67	
65	696.47	733.18	
70	814.55	856.89	
75	898.24	944.62	
80	942.20	990.70	
85	950.44	999.34	
90	930.14	978.06	
95	888.75	934.66	
100	832.50	875.70	
105	766.08	806.09	
110	693.08	729.63	
115	617.00	649.97	
120	542.30	571.83	
125	475.30	501.81	
130	424.03	448.31	
135	396.45	419.57	
140	396.55	419.67	
145	421.86	446.05	
150	465.76	491.86	
155	521.14	549.71	
160	581.27	612.59	
165	638.89	672.88	
170	685.46	721.64	
175	711.68	749.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	708.89	746.18	
185	670.92	706.42	
190	596.15	628.15	
195	489.80	516.97	
200	368.52	390.49	
205	273.91	292.36	
210	277.34	295.90	
215	373.74	395.93	
220	489.74	516.90	
225	583.50	614.92	
230	636.31	670.18	
235	640.55	674.62	
240	596.54	628.57	
245	512.19	540.35	
250	404.84	428.31	
255	309.29	328.97	
260	285.66	304.50	
265	356.07	377.54	
270	465.25	491.32	
275	567.23	597.91	
280	640.63	674.71	
285	677.63	713.44	
290	681.77	717.78	
295	671.09	706.59	
300	682.13	718.15	
305	760.83	800.60	
310	931.67	979.66	
315	1184.11	1244.42	
320	1492.55	1568.06	
325	1831.88	1924.19	
330	2180.35	2289.97	
335	2518.84	2645.30	
340	2830.08	2972.05	
345	3098.38	3253.72	
350	3309.68	3475.56	
355	3451.84	3624.81	

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