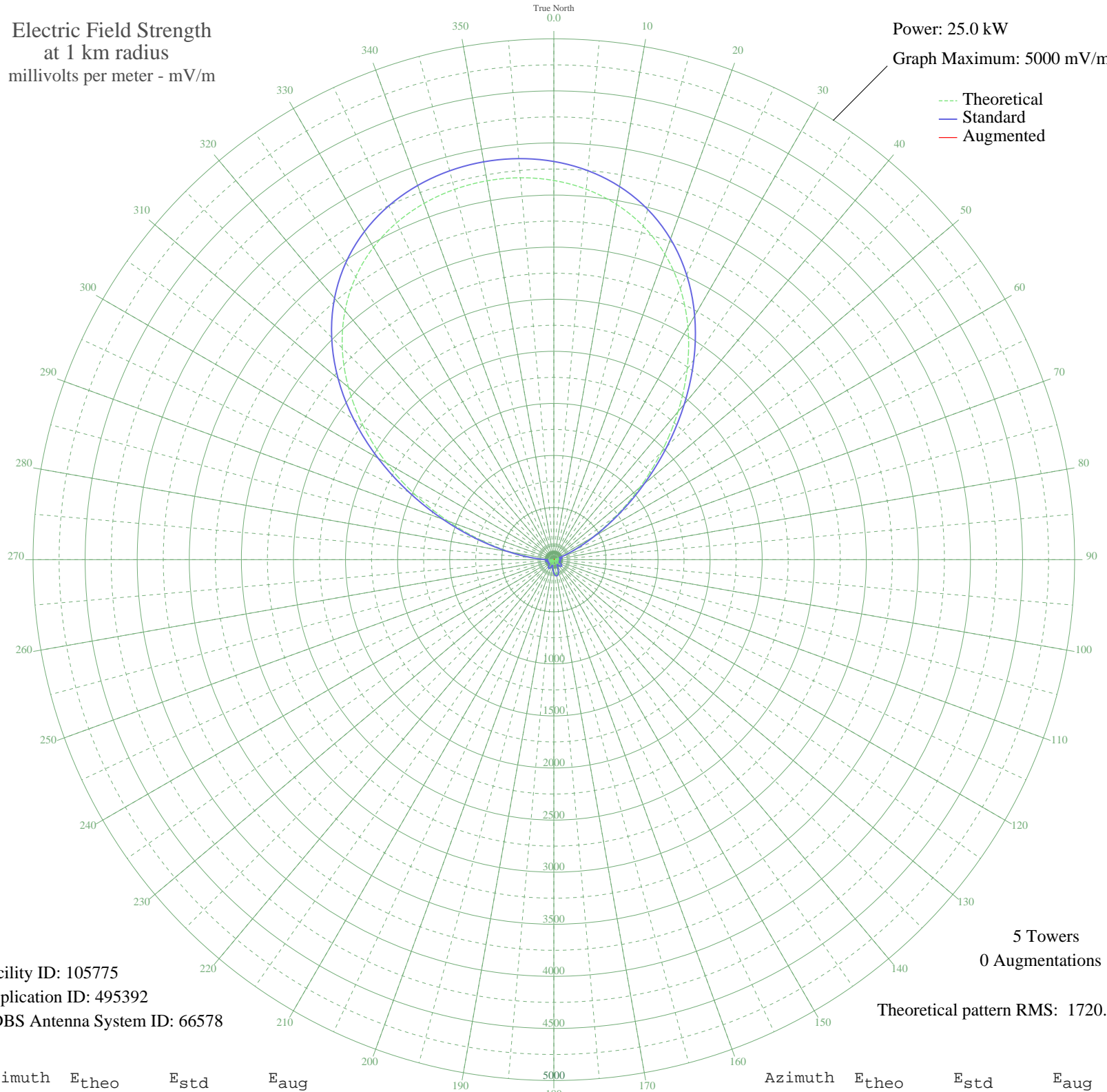


# CKPC BRANTFORD, ON Canada -- 1380 kHz

Nighttime

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: 495392  
CDBS Antenna System ID: 66578

5 Towers  
0 Augmentations

Theoretical pattern RMS: 1720.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3640.17	3822.54	
5	3569.67	3748.52	
10	3463.35	3636.89	
15	3315.12	3481.27	
20	3119.37	3275.76	
25	2872.52	3016.60	
30	2574.80	2704.05	
35	2231.76	2343.93	
40	1855.21	1948.68	
45	1463.13	1537.18	
50	1078.12	1133.24	
55	724.59	762.63	
60	424.85	449.17	
65	195.04	211.42	
70	41.96	68.56	
75	38.36	66.19	
80	59.58	81.69	
85	41.92	68.53	
90	7.46	53.11	
95	24.51	58.49	
100	41.11	67.98	
105	37.40	65.58	
110	15.90	55.12	
115	15.72	55.06	
120	47.65	72.54	
125	70.81	91.03	
130	78.98	98.16	
135	69.76	90.14	
140	44.51	70.31	
145	7.53	53.12	
150	35.14	64.19	
155	76.89	96.32	
160	111.63	128.45	
165	134.54	150.71	
170	142.52	158.60	
175	134.54	150.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	111.64	128.45	
185	76.89	96.32	
190	35.14	64.19	
195	7.53	53.12	
200	44.51	70.31	
205	69.76	90.14	
210	78.98	98.16	
215	70.81	91.03	
220	47.65	72.54	
225	15.72	55.06	
230	15.90	55.12	
235	37.40	65.58	
240	41.11	67.98	
245	24.51	58.49	
250	7.46	53.11	
255	41.92	68.53	
260	59.58	81.69	
265	38.36	66.19	
270	41.96	68.56	
275	195.04	211.42	
280	424.85	449.17	
285	724.59	762.63	
290	1078.12	1133.24	
295	1463.13	1537.18	
300	1855.21	1948.68	
305	2231.76	2343.93	
310	2574.80	2704.05	
315	2872.52	3016.60	
320	3119.37	3275.76	
325	3315.12	3481.27	
330	3463.35	3636.89	
335	3569.67	3748.52	
340	3640.17	3822.54	
345	3680.12	3864.49	
350	3693.03	3878.04	
355	3680.12	3864.49	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission