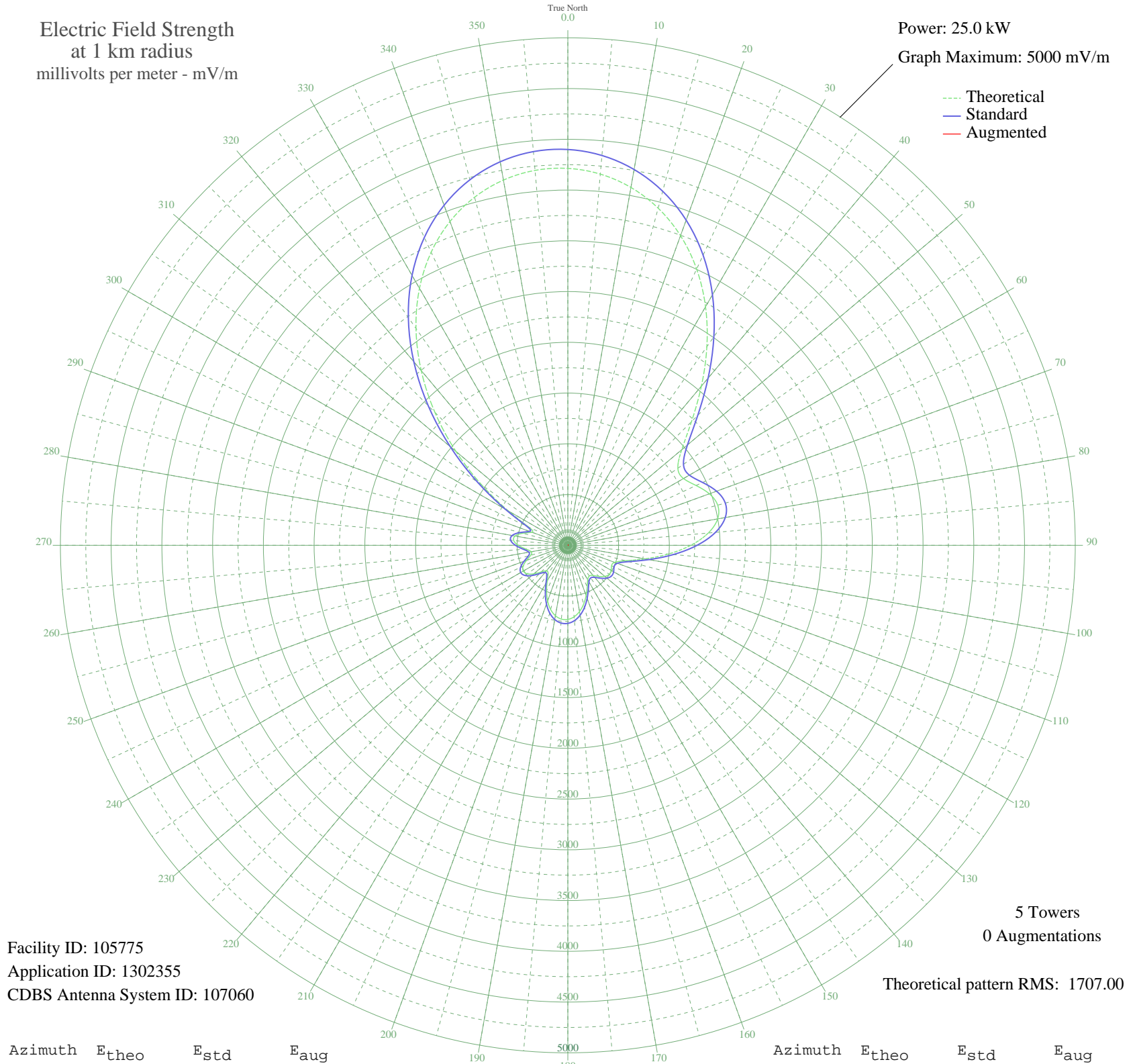


# CKPC BRANTFORD, ON Canada -- 1380 kHz

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: 1302355  
CDBS Antenna System ID: 107060

5 Towers  
0 Augmentations

Theoretical pattern RMS: 1707.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3713.66	3899.82	
5	3671.35	3855.40	
10	3580.25	3759.75	
15	3438.95	3611.41	
20	3246.39	3409.26	
25	3003.24	3154.00	
30	2713.81	2850.16	
35	2388.55	2508.72	
40	2047.25	2150.48	
45	1723.03	1810.21	
50	1464.37	1538.79	
55	1323.35	1390.86	
60	1315.83	1382.97	
65	1394.14	1465.12	
70	1484.14	1559.54	
75	1528.97	1606.57	
80	1499.29	1575.44	
85	1389.31	1460.05	
90	1211.55	1273.59	
95	992.64	1044.05	
100	769.92	810.71	
105	588.69	621.13	
110	490.48	518.61	
115	475.19	502.66	
120	492.57	520.78	
125	497.86	526.30	
130	475.79	503.29	
135	432.50	458.20	
140	387.79	411.73	
145	368.47	391.67	
150	392.02	416.12	
155	451.43	477.91	
160	526.54	556.22	
165	600.45	633.42	
170	662.70	698.50	
175	707.18	745.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	730.26	769.20	
185	729.74	768.65	
190	704.51	742.25	
195	654.81	690.25	
200	583.06	615.25	
205	495.59	523.94	
210	405.86	430.50	
215	339.15	361.30	
220	326.92	348.65	
225	371.21	394.51	
230	436.76	462.64	
235	488.96	517.02	
240	507.58	536.44	
245	486.11	514.05	
250	433.26	459.00	
255	378.00	401.56	
260	365.97	389.08	
265	415.47	440.49	
270	488.24	516.27	
275	535.66	565.74	
280	527.57	557.30	
285	459.38	486.20	
290	376.99	400.52	
295	425.10	450.51	
300	674.92	711.28	
305	1035.01	1088.47	
310	1439.75	1512.97	
315	1852.40	1945.97	
320	2247.90	2361.08	
325	2608.72	2739.84	
330	2923.56	3070.34	
335	3186.37	3346.25	
340	3395.11	3565.39	
345	3550.36	3728.38	
350	3653.98	3837.16	
355	3707.96	3893.83	

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