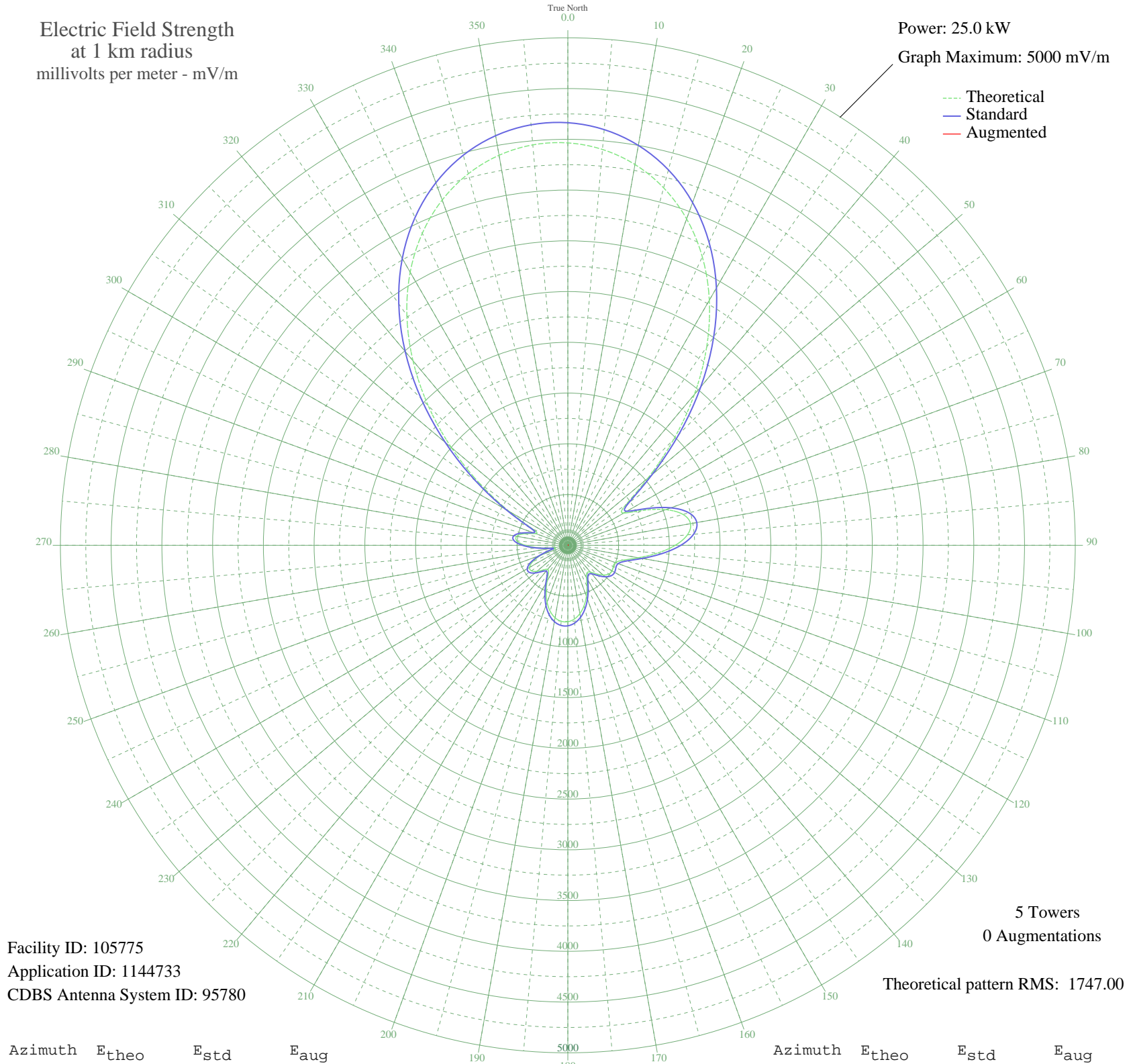


# CKPC BRANTFORD, ON Canada -- 1380 kHz

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: 1144733  
CDBS Antenna System ID: 95780

5 Towers  
0 Augmentations  
Theoretical pattern RMS: 1747.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3964.71	4163.44	
5	3915.07	4111.33	
10	3809.83	4000.84	
15	3646.45	3829.32	
20	3422.31	3594.01	
25	3135.88	3293.31	
30	2788.36	2928.49	
35	2385.49	2505.60	
40	1939.86	2037.88	
45	1474.36	1549.43	
50	1030.84	1084.31	
55	698.80	736.59	
60	635.32	670.22	
65	813.22	856.33	
70	1026.98	1080.27	
75	1175.36	1235.82	
80	1227.57	1290.58	
85	1182.76	1243.59	
90	1058.40	1113.21	
95	885.55	932.08	
100	705.55	743.66	
105	565.25	597.04	
110	498.58	527.50	
115	493.47	522.17	
120	503.33	532.45	
125	493.67	522.38	
130	455.05	482.17	
135	397.06	421.91	
140	344.13	367.09	
145	329.53	352.02	
150	369.69	393.54	
155	446.75	473.54	
160	534.68	565.13	
165	616.55	650.61	
170	683.19	720.27	
175	729.62	768.83	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	752.99	793.28	
185	751.60	791.83	
190	724.63	763.61	
195	672.43	709.01	
200	597.32	630.52	
205	505.28	534.48	
210	408.95	434.25	
215	332.51	355.09	
220	308.70	330.54	
225	343.27	366.20	
230	399.30	424.24	
235	438.07	464.51	
240	435.93	462.28	
245	382.35	406.66	
250	279.96	301.01	
255	155.79	175.93	
260	145.12	165.56	
265	284.12	305.27	
270	420.26	446.00	
275	503.73	532.87	
280	511.59	541.05	
285	441.15	467.71	
290	339.38	362.18	
295	384.76	409.16	
300	665.48	701.75	
305	1060.13	1115.01	
310	1499.29	1575.59	
315	1945.90	2044.22	
320	2374.01	2493.55	
325	2765.06	2904.03	
330	3106.85	3262.84	
335	3392.70	3562.92	
340	3620.12	3801.68	
345	3789.42	3979.42	
350	3902.24	4097.86	
355	3960.34	4158.86	

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