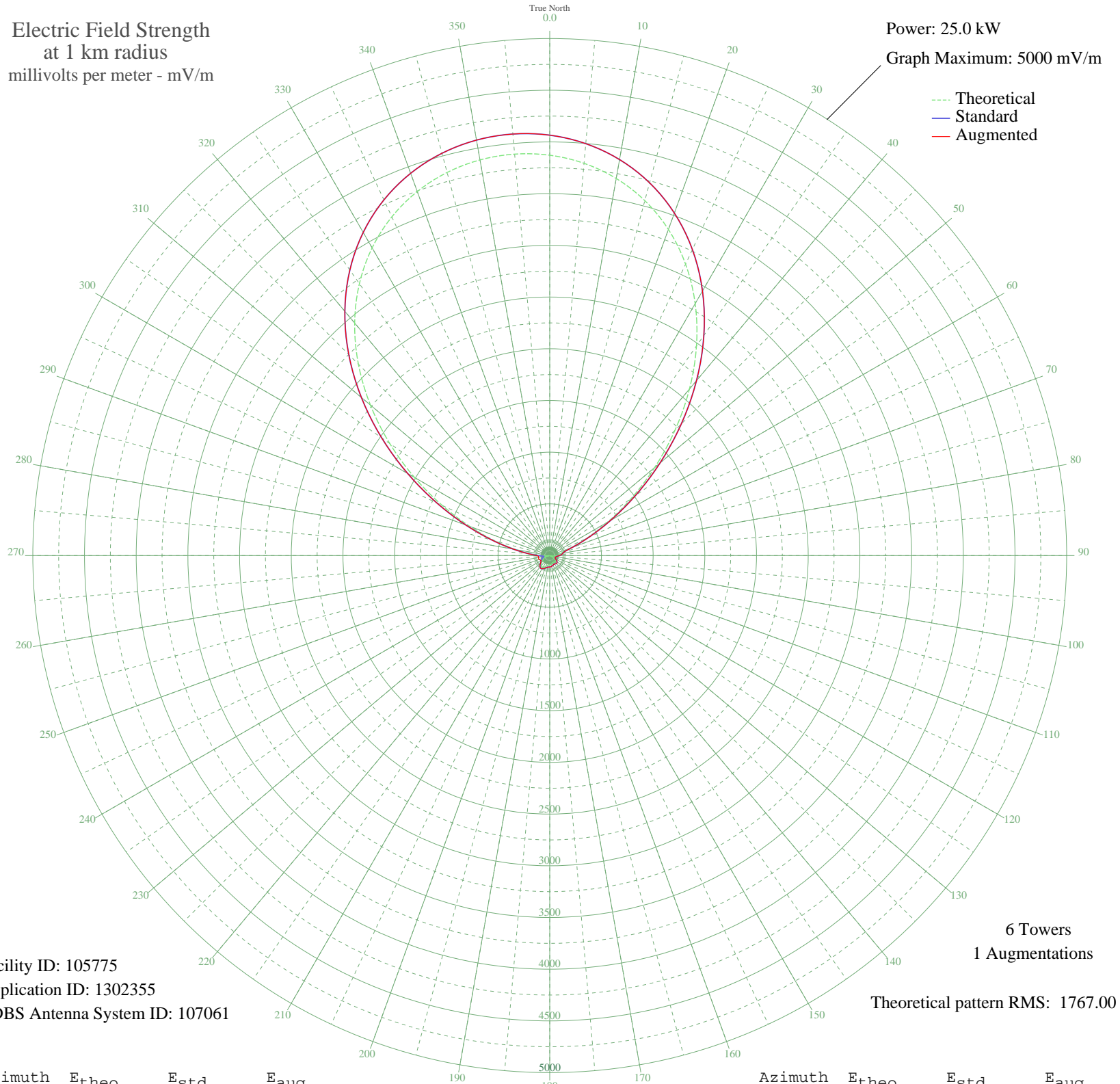


CKPC BRANTFORD, ON Canada -- 1380 kHz

Nighttime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 105775
Application ID: 1302355
CDBS Antenna System ID: 107061

6 Towers
1 Augmentations

Theoretical pattern RMS: 1767.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3871.55	4065.51	4065.51
5	3807.81	3998.58	3998.58
10	3702.96	3888.50	3888.50
15	3553.53	3731.61	3731.61
20	3356.22	3524.46	3524.46
25	3109.20	3265.13	3265.13
30	2813.56	2954.75	2954.75
35	2474.52	2598.84	2598.84
40	2102.42	2208.23	2208.23
45	1712.74	1799.23	1799.23
50	1325.24	1392.60	1392.60
55	961.95	1011.57	1011.57
60	644.49	678.98	678.98
65	391.47	414.75	414.75
70	217.63	235.12	235.12
75	132.03	149.28	149.28
80	109.85	127.95	127.95
85	96.21	115.20	115.20
90	72.54	94.17	94.17
95	45.89	73.40	73.40
100	26.85	62.13	62.13
105	17.00	58.17	58.17
110	6.28	55.76	55.76
115	12.39	56.88	56.88
120	33.92	65.83	65.83
125	54.66	79.75	79.75
130	70.24	92.23	92.23
135	78.50	99.30	99.30
140	79.74	100.38	100.38
145	76.48	97.54	97.54
150	72.64	94.25	94.25
155	71.84	93.57	93.57
160	75.20	96.44	96.44
165	80.92	101.42	101.42
170	86.39	106.27	106.27
175	89.96	109.49	109.49

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	91.48	110.87	110.87
185	92.30	111.62	111.62
190	94.79	113.90	113.90
195	100.98	119.62	119.62
200	110.88	128.92	128.92
205	122.02	139.57	139.57
210	130.69	147.98	147.98
215	133.47	150.69	150.69
220	128.39	145.74	145.74
225	115.89	133.69	133.69
230	99.19	117.96	117.96
235	83.58	103.76	103.76
240	72.80	94.38	97.10
245	64.61	87.57	102.21
250	52.71	78.29	109.30
255	33.00	65.31	111.72
260	5.71	55.69	109.31
265	33.89	65.82	108.40
270	91.73	111.10	130.17
275	186.67	203.67	207.83
280	335.43	356.53	356.67
285	547.05	577.07	577.07
290	820.86	863.68	863.68
295	1147.24	1205.88	1205.88
300	1509.92	1586.38	1586.38
305	1888.96	1984.18	1984.18
310	2264.13	2377.98	2377.98
315	2617.56	2749.00	2749.00
320	2935.68	3082.96	3082.96
325	3209.82	3370.77	3370.77
330	3436.04	3608.27	3608.27
335	3614.09	3795.20	3795.20
340	3746.14	3933.84	3933.84
345	3835.42	4027.57	4027.57
350	3884.98	4079.60	4079.60
355	3896.86	4092.08	4092.08