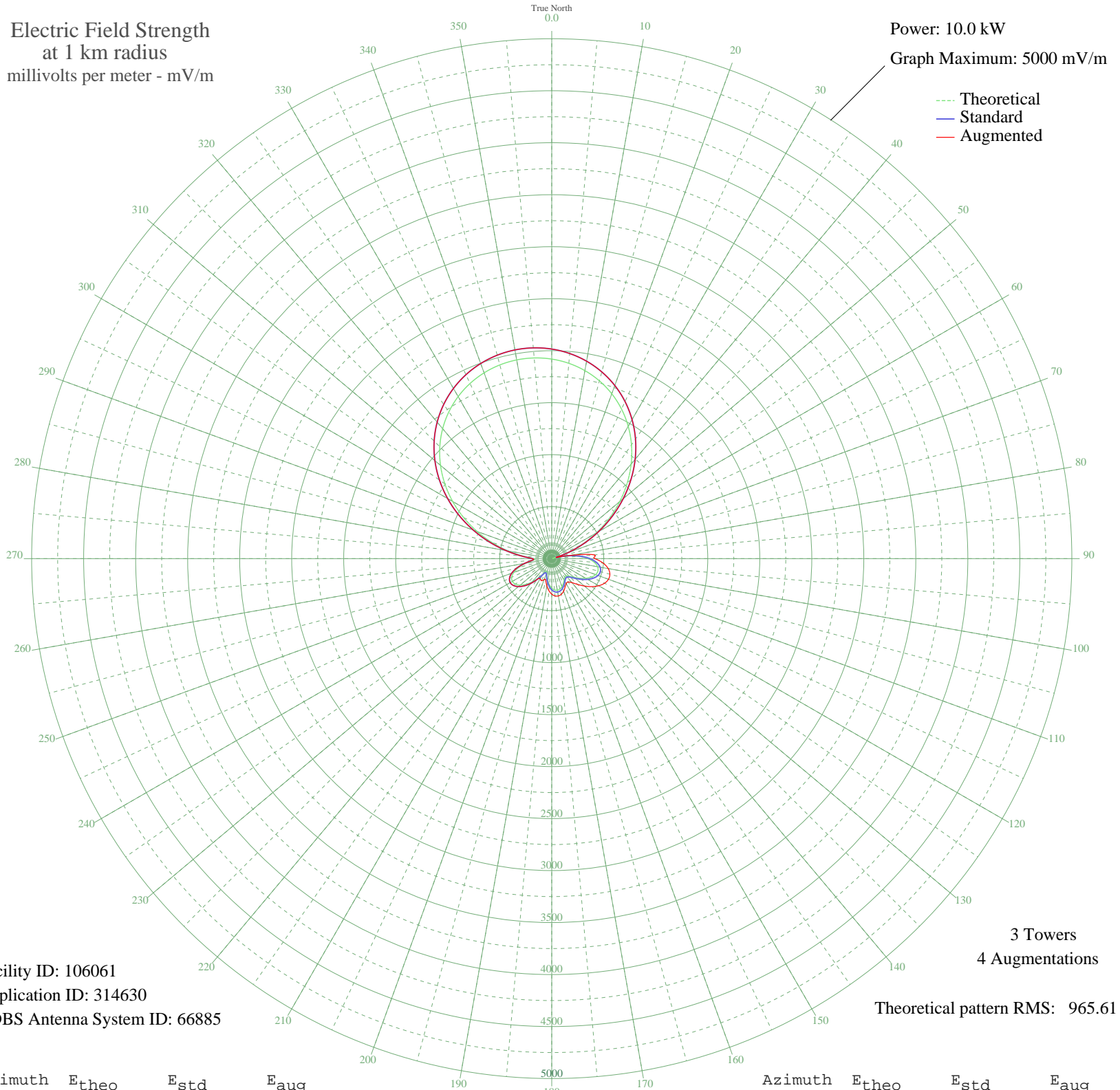


CBGA-1 NEW CARLISLE, QC Canada -- 540 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 106061
Application ID: 314630
CDBS Antenna System ID: 66885

3 Towers
4 Augmentations
Theoretical pattern RMS: 965.61

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1919.29	2015.66	2015.66
5	1885.65	1980.35	1980.35
10	1836.14	1928.37	1928.37
15	1770.22	1859.17	1859.17
20	1687.37	1772.20	1772.20
25	1587.31	1667.16	1667.16
30	1470.10	1544.13	1544.13
35	1336.36	1403.75	1403.75
40	1187.40	1247.42	1247.42
45	1025.34	1077.36	1077.36
50	853.16	896.73	896.73
55	674.67	709.55	709.55
60	494.38	520.66	520.66
65	317.30	335.60	335.60
70	148.71	161.27	161.27
75	7.13	41.02	41.02
80	143.15	155.62	169.38
85	257.77	273.65	411.46
90	347.52	367.11	413.54
95	410.90	433.33	496.47
100	447.86	471.97	551.31
105	459.72	484.39	578.67
110	449.16	473.34	580.53
115	420.07	442.91	560.00
120	377.45	398.37	521.21
125	327.49	346.22	469.15
130	277.81	294.48	409.76
135	237.69	252.82	350.19
140	216.60	230.98	301.07
145	218.48	232.93	274.71
150	237.45	252.56	276.97
155	263.01	279.09	302.64
160	286.56	303.58	333.31
165	302.68	320.36	354.99
170	308.33	326.25	364.40
175	302.04	319.69	360.00

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	283.53	300.43	341.48
185	253.70	269.43	309.80
190	215.02	229.35	267.47
195	172.97	186.04	219.79
200	139.81	152.24	214.05
205	136.79	149.18	233.75
210	172.15	185.20	222.55
215	229.07	243.89	243.89
220	291.32	308.53	308.53
225	349.20	368.87	368.87
230	396.10	417.85	417.85
235	426.87	450.02	450.02
240	437.45	461.09	461.09
245	424.99	448.06	448.06
250	388.17	409.57	409.57
255	328.04	346.80	346.80
260	250.42	266.02	266.02
265	176.79	189.96	189.96
270	173.91	187.01	187.01
275	275.07	291.63	291.63
280	423.97	446.99	446.99
285	590.68	621.52	621.52
290	763.32	802.50	802.50
295	934.79	982.35	982.35
300	1099.86	1155.55	1155.55
305	1254.54	1317.88	1317.88
310	1395.89	1466.24	1466.24
315	1521.92	1598.53	1598.53
320	1631.46	1713.51	1713.51
325	1724.02	1810.67	1810.67
330	1799.62	1890.03	1890.03
335	1858.59	1951.94	1951.94
340	1901.44	1996.92	1996.92
345	1928.66	2025.49	2025.49
350	1940.62	2038.05	2038.05
355	1937.52	2034.79	2034.79