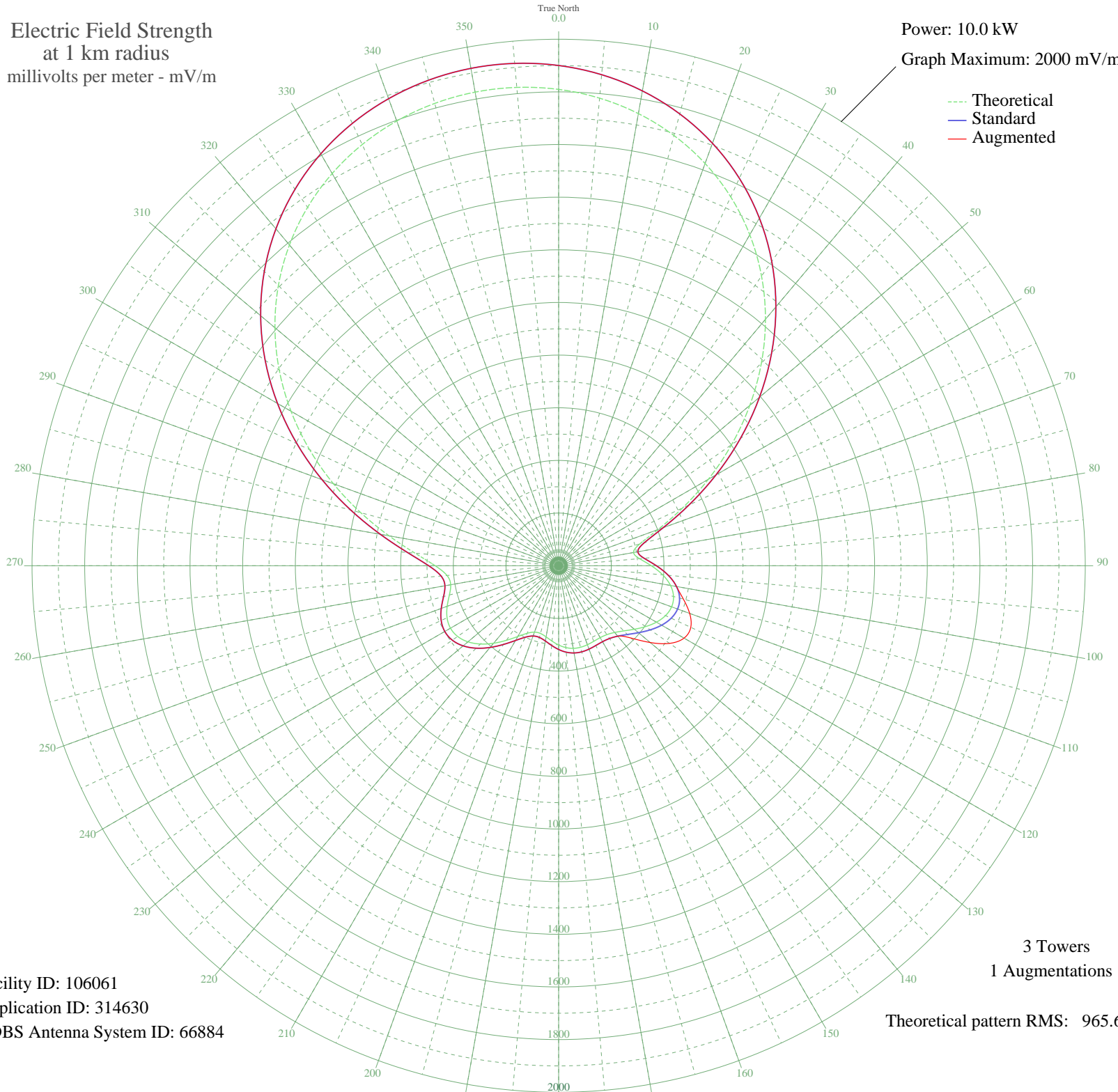


CBGA-1 NEW CARLISLE, QC Canada -- 540 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106061  
Application ID: 314630  
CDBS Antenna System ID: 66884

3 Towers  
1 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1809.46	1900.27	1900.27
5	1782.98	1872.47	1872.47
10	1744.02	1831.57	1831.57
15	1691.95	1776.91	1776.91
20	1626.16	1707.84	1707.84
25	1546.16	1623.87	1623.87
30	1451.80	1524.81	1524.81
35	1343.37	1411.00	1411.00
40	1221.87	1283.46	1283.46
45	1089.06	1144.07	1144.07
50	947.69	995.72	995.72
55	801.67	842.51	842.51
60	656.32	690.07	690.07
65	519.10	546.24	546.24
70	401.02	422.60	422.60
75	318.56	336.41	336.41
80	288.75	305.30	305.30
85	308.35	325.74	325.74
90	351.83	371.15	371.15
95	396.70	418.07	418.07
100	431.45	454.44	454.44
105	451.63	475.56	490.50
110	456.58	480.75	529.51
115	447.94	471.70	553.72
120	428.76	451.63	550.00
125	403.08	424.75	514.31
130	375.39	395.78	453.77
135	350.13	369.38	388.42
140	330.89	349.28	349.28
145	319.50	337.38	337.38
150	315.50	333.21	333.21
155	316.51	334.26	334.26
160	319.26	337.13	337.13
165	320.70	338.64	338.64
170	318.64	336.49	336.49
175	312.03	329.59	329.59

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	301.10	318.18	318.18
185	287.49	303.98	303.98
190	274.40	290.34	290.34
195	266.41	282.02	282.02
200	268.39	284.08	284.08
205	283.30	299.61	299.61
210	310.45	327.94	327.94
215	345.93	364.99	364.99
220	384.38	405.19	405.19
225	420.50	442.98	442.98
230	449.67	473.52	473.52
235	468.35	493.07	493.07
240	474.39	499.40	499.40
245	467.60	492.29	492.29
250	450.51	474.39	474.39
255	429.60	452.50	452.50
260	416.28	438.56	438.56
265	425.49	448.20	448.20
270	468.88	493.63	493.63
275	547.65	576.15	576.15
280	654.04	687.68	687.68
285	777.90	817.58	817.58
290	910.22	956.40	956.40
295	1043.94	1096.72	1096.72
300	1173.68	1232.89	1232.89
305	1295.50	1360.74	1360.74
310	1406.62	1477.39	1477.39
315	1505.31	1580.98	1580.98
320	1590.61	1670.53	1670.53
325	1662.24	1745.72	1745.72
330	1720.35	1806.72	1806.72
335	1765.36	1853.97	1853.97
340	1797.80	1888.03	1888.03
345	1818.18	1909.42	1909.42
350	1826.85	1918.53	1918.53
355	1823.97	1915.51	1915.51