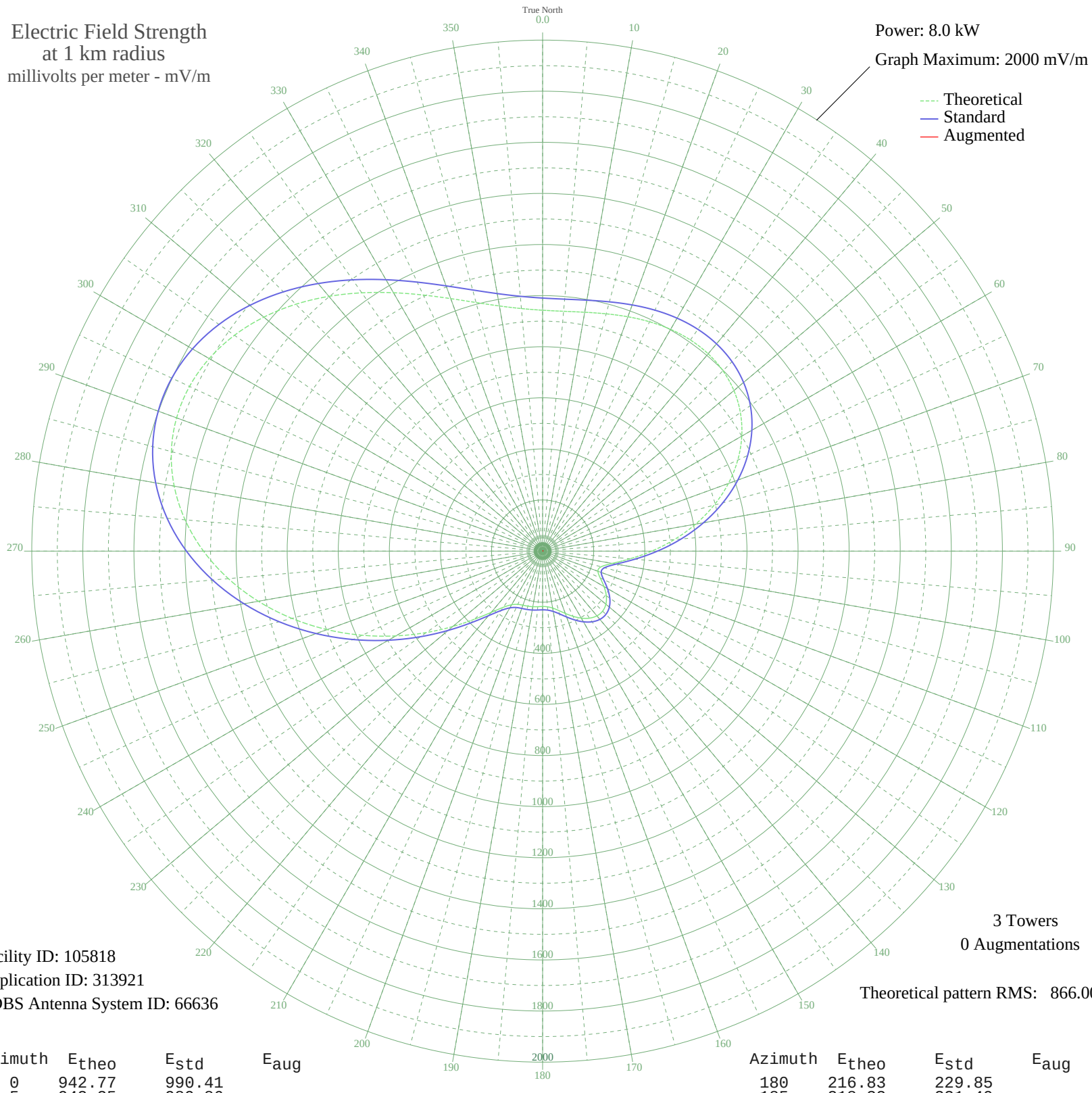
CHUC COBOURG, ON Canada -- 1450 kHz

Daytime

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



Power: 8.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 105818
Application ID: 313921
CDBS Antenna System ID: 66636

Theoretical pattern RMS: 866.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	942.77	990.41	
5	942.25	989.86	
10	949.30	997.27	
15	961.46	1010.02	
20	976.07	1025.36	
25	990.51	1040.51	
30	1002.22	1052.81	
35	1008.83	1059.74	
40	1008.16	1059.03	
45	998.30	1048.69	
50	977.70	1027.07	
55	945.24	993.00	
60	900.32	945.86	
65	842.99	885.70	
70	774.01	813.32	
75	694.95	730.38	
80	608.26	639.46	
85	517.42	544.21	
90	427.14	449.61	
95	343.92	362.49	
100	276.83	292.38	
105	236.96	250.80	
110	230.34	243.90	
115	248.97	263.32	
120	277.49	293.07	
125	304.29	321.06	
130	323.33	340.96	
135	332.21	350.24	
140	330.74	348.70	
145	320.17	337.66	
150	302.76	319.46	
155	281.42	297.18	
160	259.50	274.29	
165	240.27	254.25	
170	226.33	239.74	
175	218.78	231.88	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	216.83	229.85	
185	218.32	231.40	
190	220.90	234.08	
195	223.12	236.39	
200	225.27	238.63	
205	230.02	243.57	
210	242.38	256.45	
215	268.48	283.66	
220	312.90	330.06	
225	376.89	396.99	
230	458.81	482.79	
235	555.61	584.25	
240	663.69	697.59	
245	779.21	818.78	
250	898.18	943.61	
255	1016.51	1067.80	
260	1130.13	1187.05	
265	1235.09	1297.23	
270	1327.78	1394.53	
275	1405.10	1475.69	
280	1464.63	1538.19	
285	1504.79	1580.34	
290	1524.91	1601.47	
295	1525.31	1601.89	
300	1507.22	1582.90	
305	1472.75	1546.70	
310	1424.69	1496.26	
315	1366.42	1435.08	
320	1301.61	1367.06	
325	1234.12	1296.21	
330	1167.72	1226.51	
335	1105.90	1161.62	
340	1051.66	1104.69	
345	1007.31	1058.15	
350	974.27	1023.47	
355	952.95	1001.10	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission