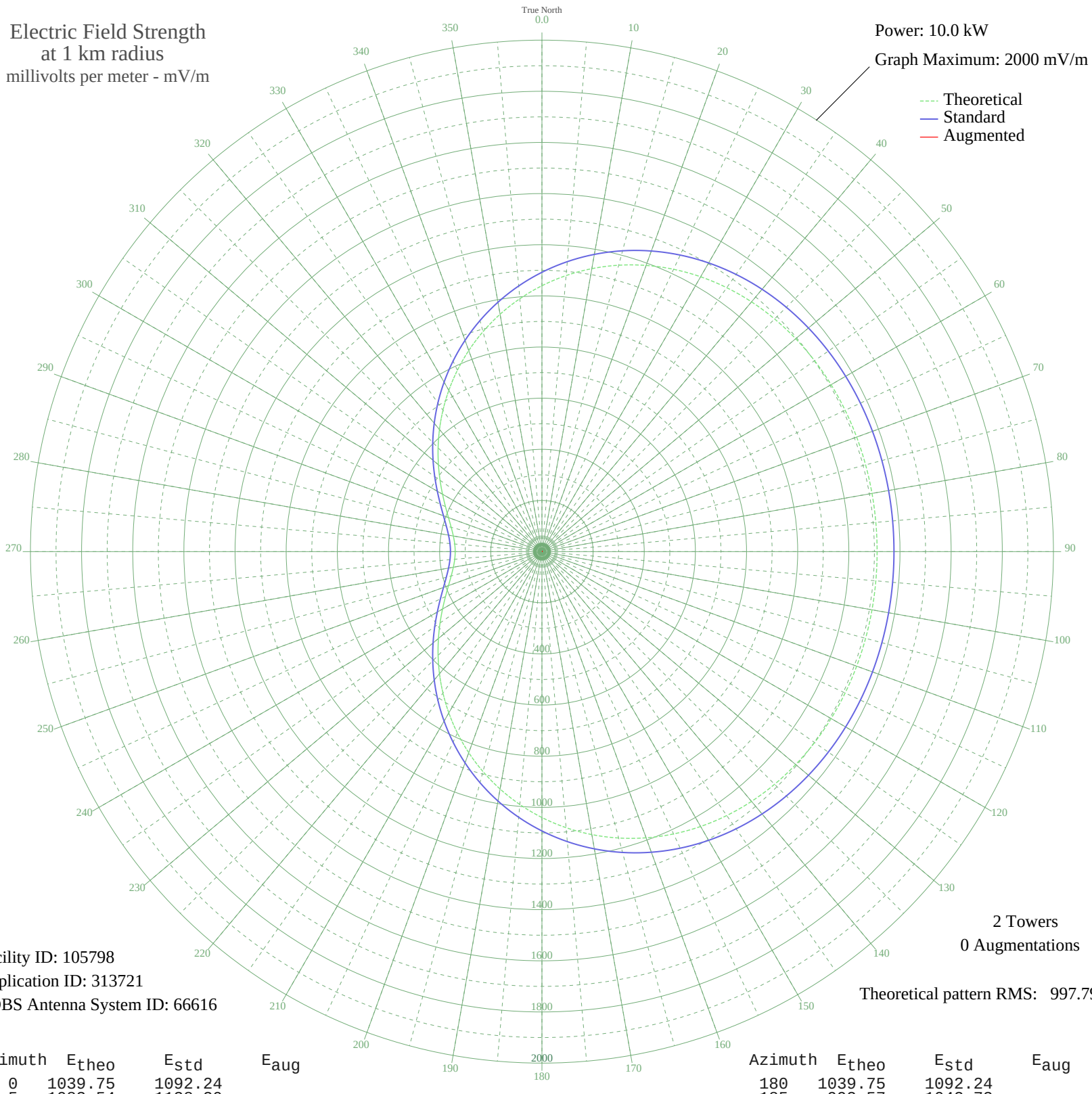
CIGO PORT HAWKESBURY, NS Canada -- 1410 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 105798
Application ID: 313721
CDBS Antenna System ID: 66616

Theoretical pattern RMS: 997.79

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1039.75	1092.24	
5	1083.54	1138.20	
10	1123.52	1180.16	
15	1159.37	1217.79	
20	1190.91	1250.90	
25	1218.10	1279.44	
30	1241.02	1303.50	
35	1259.86	1323.27	
40	1274.92	1339.08	
45	1286.57	1351.30	
50	1295.24	1360.41	
55	1301.40	1366.88	
60	1305.54	1371.22	
65	1308.11	1373.92	
70	1309.55	1375.43	
75	1310.25	1376.16	
80	1310.51	1376.43	
85	1310.57	1376.50	
90	1310.57	1376.50	
95	1310.57	1376.50	
100	1310.51	1376.43	
105	1310.25	1376.16	
110	1309.55	1375.43	
115	1308.11	1373.92	
120	1305.54	1371.22	
125	1301.40	1366.88	
130	1295.24	1360.41	
135	1286.57	1351.30	
140	1274.92	1339.08	
145	1259.86	1323.27	
150	1241.02	1303.50	
155	1218.10	1279.44	
160	1190.91	1250.90	
165	1159.37	1217.79	
170	1123.52	1180.16	
175	1083.54	1138.20	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1039.75	1092.24	
185	992.57	1042.73	
190	942.56	990.24	
195	890.36	935.47	
200	836.70	879.16	
205	782.35	822.14	
210	728.12	765.24	
215	674.82	709.33	
220	623.25	655.25	
225	574.18	603.80	
230	528.32	555.73	
235	486.32	511.71	
240	448.76	472.37	
245	416.14	438.21	
250	388.89	409.68	
255	367.35	387.14	
260	351.77	370.85	
265	342.35	361.00	
270	339.20	357.71	
275	342.35	361.00	
280	351.77	370.85	
285	367.35	387.14	
290	388.89	409.68	
295	416.14	438.21	
300	448.76	472.37	
305	486.32	511.71	
310	528.32	555.73	
315	574.18	603.80	
320	623.25	655.25	
325	674.82	709.34	
330	728.12	765.24	
335	782.35	822.14	
340	836.70	879.16	
345	890.36	935.47	
350	942.56	990.25	
355	992.57	1042.73	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission