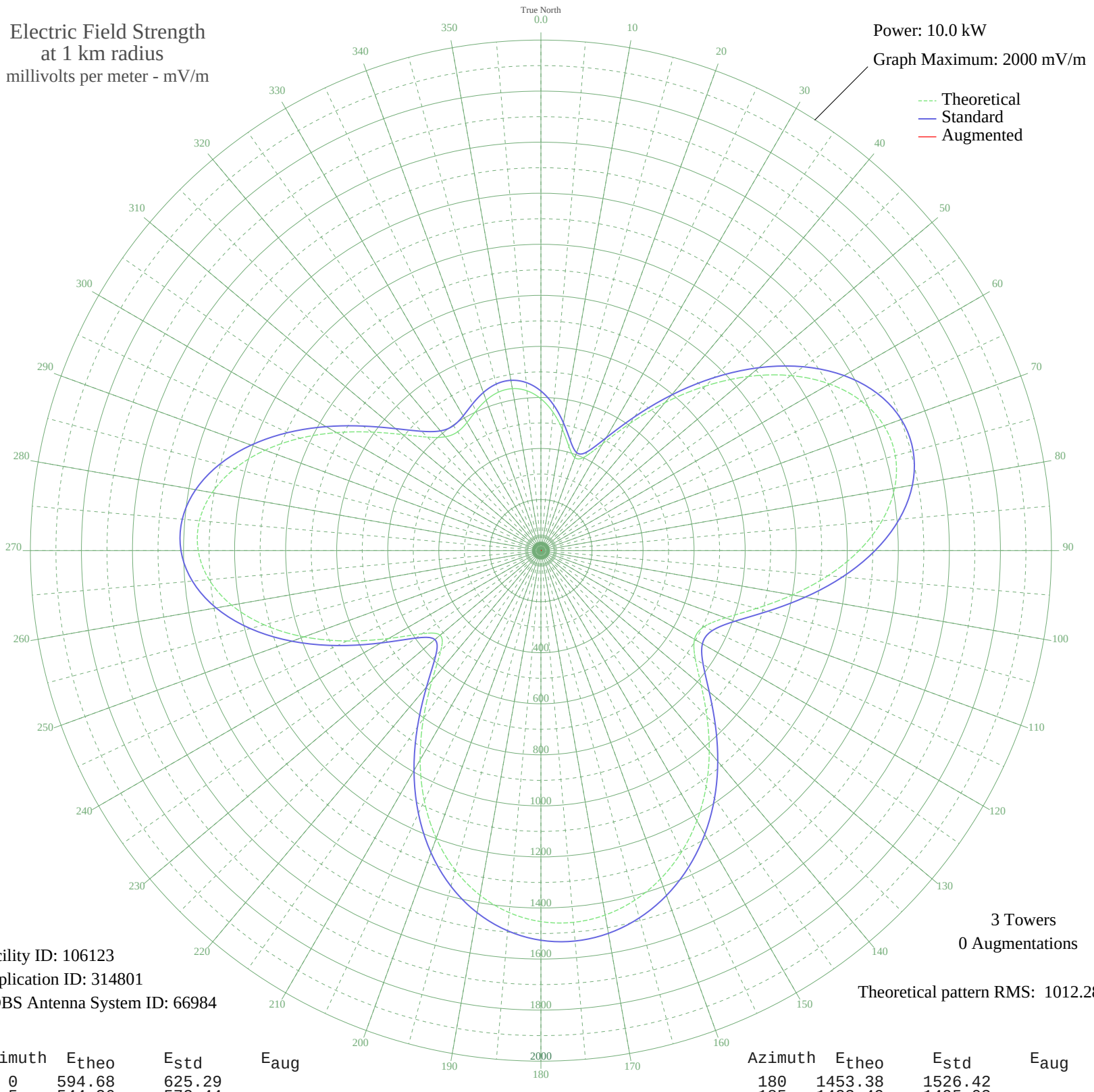
CFCY CHARLOTTETOWN, PE Canada -- 630 kHz

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

3 Towers
0 Augmentations

Facility ID: 106123
Application ID: 314801
CDBS Antenna System ID: 66984

Theoretical pattern RMS: 1012.28

Azimuth	E_{theo}	E_{std}	E_{aug}
0	594.68	625.29	
5	544.26	572.44	
10	482.97	508.21	
15	423.16	445.56	
20	387.72	408.46	
25	404.93	426.48	
30	484.12	509.41	
35	608.59	639.88	
40	756.67	795.20	
45	911.74	957.91	
50	1061.33	1114.89	
55	1195.41	1255.62	
60	1305.68	1371.36	
65	1385.53	1455.18	
70	1430.27	1502.16	
75	1437.44	1509.68	
80	1406.99	1477.72	
85	1341.49	1408.96	
90	1246.14	1308.87	
95	1128.82	1185.72	
100	1000.29	1050.82	
105	874.62	918.95	
110	769.59	808.75	
115	704.93	740.92	
120	694.84	730.34	
125	738.06	775.67	
130	819.14	860.73	
135	919.76	966.32	
140	1025.92	1077.72	
145	1128.54	1185.43	
150	1222.03	1283.56	
155	1302.92	1368.47	
160	1368.90	1437.73	
165	1418.27	1489.55	
170	1449.64	1522.49	
175	1461.74	1535.19	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1453.38	1526.42	
185	1423.49	1495.03	
190	1371.23	1440.17	
195	1296.24	1361.46	
200	1198.97	1259.35	
205	1081.11	1135.65	
210	946.48	994.35	
215	802.45	843.23	
220	663.10	697.05	
225	554.54	583.22	
230	515.39	542.18	
235	567.82	597.13	
240	688.20	723.37	
245	837.51	880.02	
250	987.99	1037.92	
255	1122.53	1179.13	
260	1230.39	1292.33	
265	1304.88	1370.52	
270	1342.56	1410.08	
275	1342.86	1410.39	
280	1307.75	1373.53	
285	1241.45	1303.95	
290	1150.13	1208.09	
295	1041.48	1094.06	
300	924.54	971.33	
305	809.44	850.56	
310	707.23	743.33	
315	628.83	661.10	
320	582.24	612.25	
325	568.34	597.68	
330	579.37	609.24	
335	602.88	633.89	
340	626.97	659.16	
345	642.73	675.69	
350	644.35	677.38	
355	628.62	660.88	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission