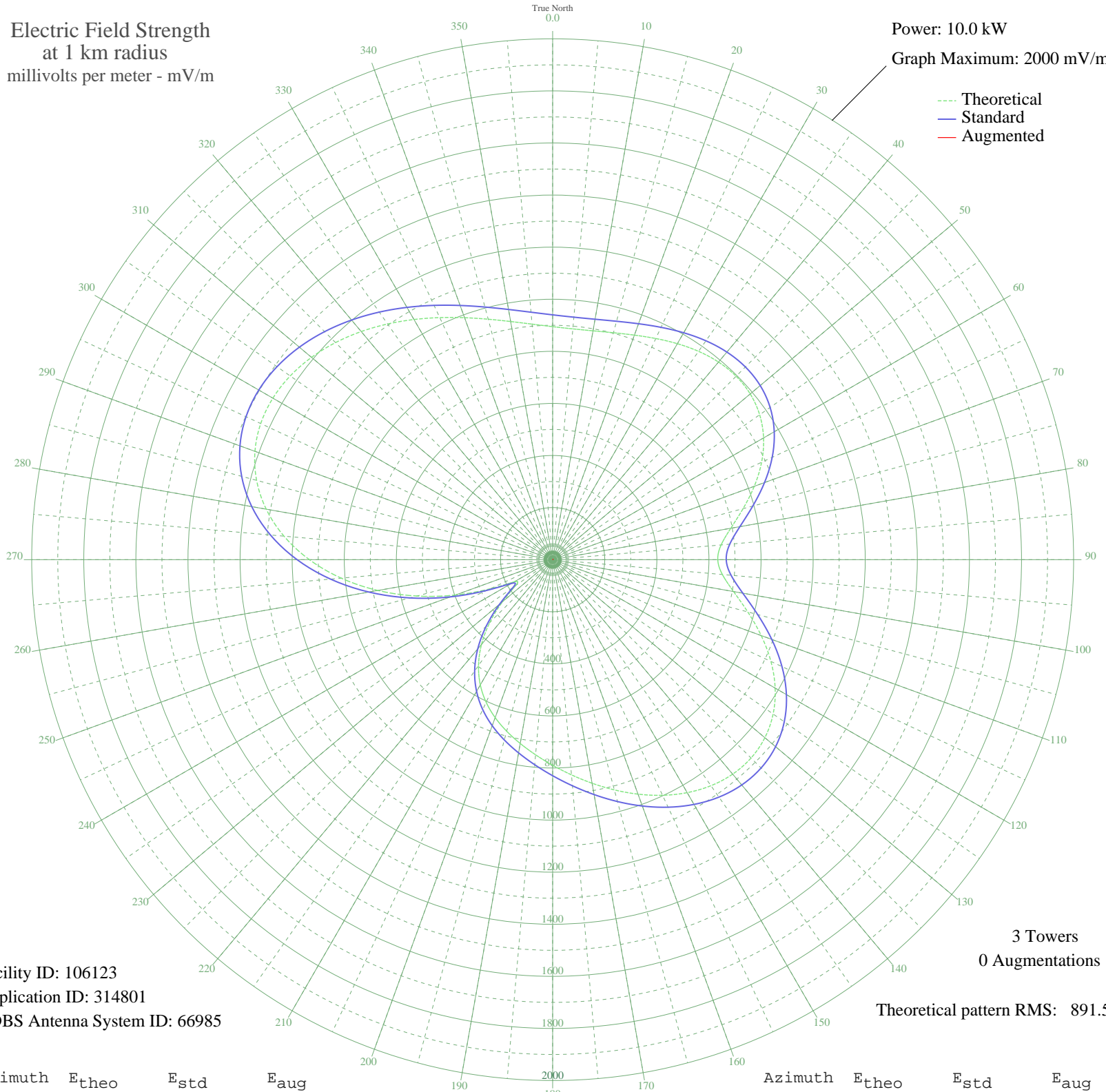


# CFCY CHARLOTTETOWN, PE Canada -- 630 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106123  
Application ID: 314801  
CDBS Antenna System ID: 66985

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 891.58

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	894.74	940.06	
5	889.58	934.65	
10	892.25	937.45	
15	902.03	947.71	
20	917.57	964.02	
25	936.93	984.34	
30	957.60	1006.03	
35	976.58	1025.95	
40	990.56	1040.62	
45	996.13	1046.47	
50	990.15	1040.19	
55	970.17	1019.22	
60	934.97	982.28	
65	885.12	929.97	
70	823.69	865.51	
75	756.84	795.37	
80	694.39	729.87	
85	649.21	682.47	
90	633.82	666.33	
95	654.07	687.58	
100	705.25	741.26	
105	775.48	814.93	
110	851.99	895.20	
115	924.59	971.39	
120	986.38	1036.23	
125	1033.31	1085.48	
130	1063.58	1117.26	
135	1077.13	1131.48	
140	1075.12	1129.37	
145	1059.58	1113.05	
150	1033.05	1085.21	
155	998.32	1048.76	
160	958.17	1006.63	
165	915.23	961.56	
170	871.74	915.93	
175	829.47	871.57	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	789.49	829.63	
185	752.13	790.43	
190	716.77	753.34	
195	681.94	716.81	
200	645.35	678.43	
205	604.17	635.25	
210	555.39	584.10	
215	496.27	522.14	
220	425.01	447.49	
225	341.69	360.31	
230	251.06	265.69	
235	173.50	185.18	
240	170.82	182.41	
245	264.14	279.32	
250	396.59	417.74	
255	539.63	567.59	
260	681.46	716.31	
265	814.71	856.09	
270	933.98	981.24	
275	1035.40	1087.68	
280	1116.61	1172.91	
285	1176.74	1236.02	
290	1216.23	1277.48	
295	1236.64	1298.89	
300	1240.28	1302.72	
305	1229.93	1291.86	
310	1208.50	1269.36	
315	1178.80	1238.19	
320	1143.44	1201.07	
325	1104.75	1160.46	
330	1064.83	1118.56	
335	1025.56	1077.35	
340	988.71	1038.68	
345	955.88	1004.23	
350	928.53	975.52	
355	907.86	953.83	

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