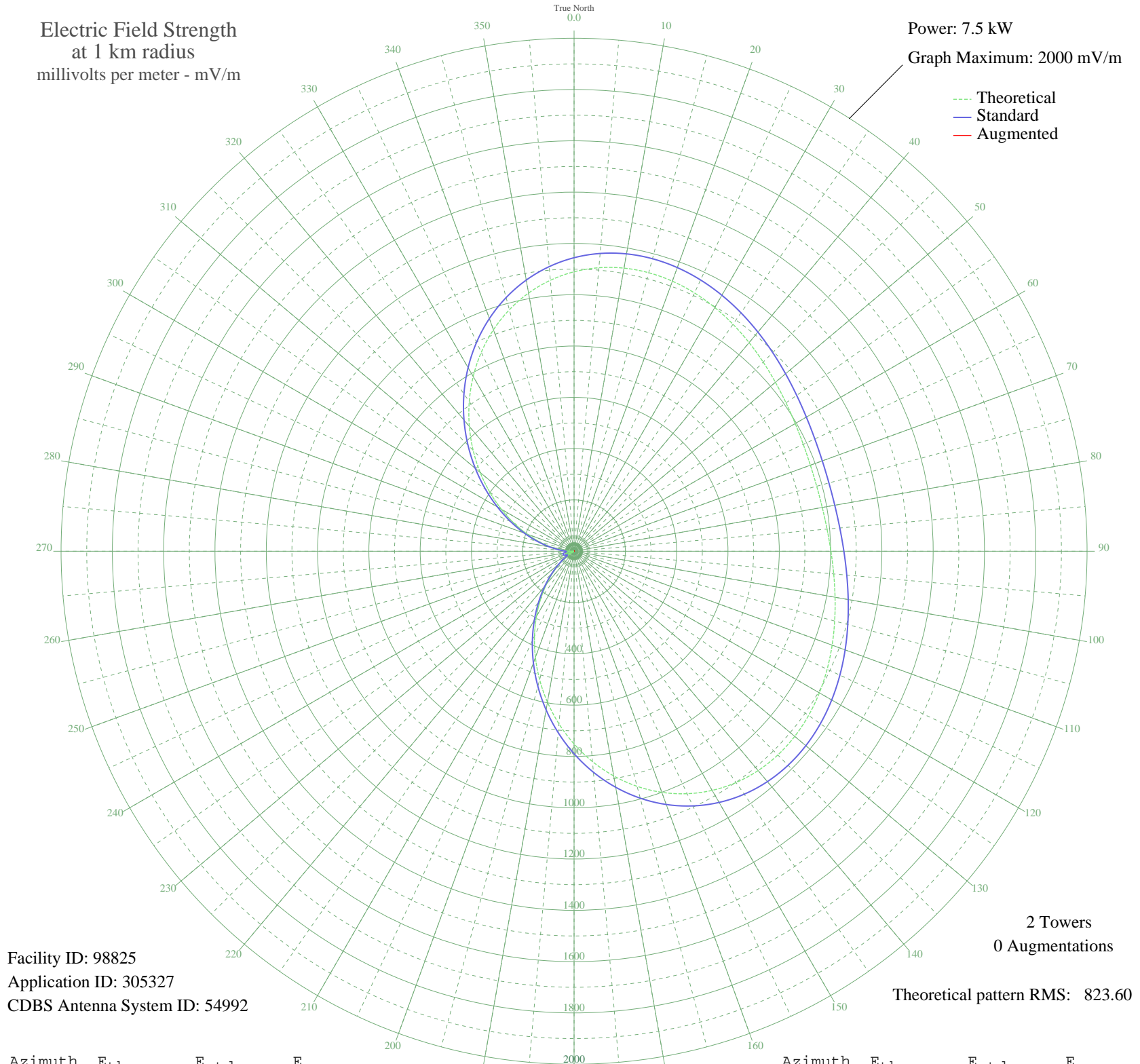


# CHTN CHARLOTTETOWN, PE Canada -- 720 kHz

Nighttime

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

Power: 7.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98825  
Application ID: 305327  
CDBS Antenna System ID: 54992

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 823.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1089.48	1144.32	
5	1109.47	1165.30	
10	1120.75	1177.14	
15	1124.06	1180.62	
20	1120.42	1176.79	
25	1111.00	1166.91	
30	1097.14	1152.36	
35	1080.23	1134.61	
40	1061.66	1115.11	
45	1042.75	1095.27	
50	1024.73	1076.35	
55	1008.68	1059.51	
60	995.51	1045.68	
65	985.91	1035.61	
70	980.40	1029.82	
75	979.24	1028.61	
80	982.51	1032.04	
85	990.03	1039.93	
90	1001.42	1051.89	
95	1016.08	1067.27	
100	1033.20	1085.24	
105	1051.79	1104.75	
110	1070.70	1124.60	
115	1088.64	1143.44	
120	1104.26	1159.83	
125	1116.16	1172.32	
130	1122.97	1179.46	
135	1123.41	1179.93	
140	1116.38	1172.55	
145	1100.99	1156.40	
150	1076.65	1130.85	
155	1043.08	1095.61	
160	1000.34	1050.76	
165	948.89	996.75	
170	889.50	934.41	
175	823.23	864.87	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	751.44	789.54	
185	675.64	710.01	
190	597.46	628.00	
195	518.57	545.26	
200	440.60	463.52	
205	365.09	384.43	
210	293.45	309.46	
215	226.90	239.97	
220	166.48	177.16	
225	113.05	122.14	
230	67.27	76.26	
235	29.65	42.38	
240	0.56	28.76	
245	19.76	35.46	
250	31.13	43.53	
255	33.48	45.42	
260	26.79	40.23	
265	11.11	31.03	
270	13.44	32.03	
275	46.66	56.81	
280	88.25	97.03	
285	137.78	147.50	
290	194.66	206.41	
295	258.14	272.57	
300	327.28	344.84	
305	400.94	421.97	
310	477.81	502.53	
315	556.42	584.95	
320	635.18	667.56	
325	712.43	748.60	
330	786.50	826.33	
335	855.82	899.07	
340	918.94	965.31	
345	974.64	1023.77	
350	1021.98	1073.46	
355	1060.35	1113.74	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission