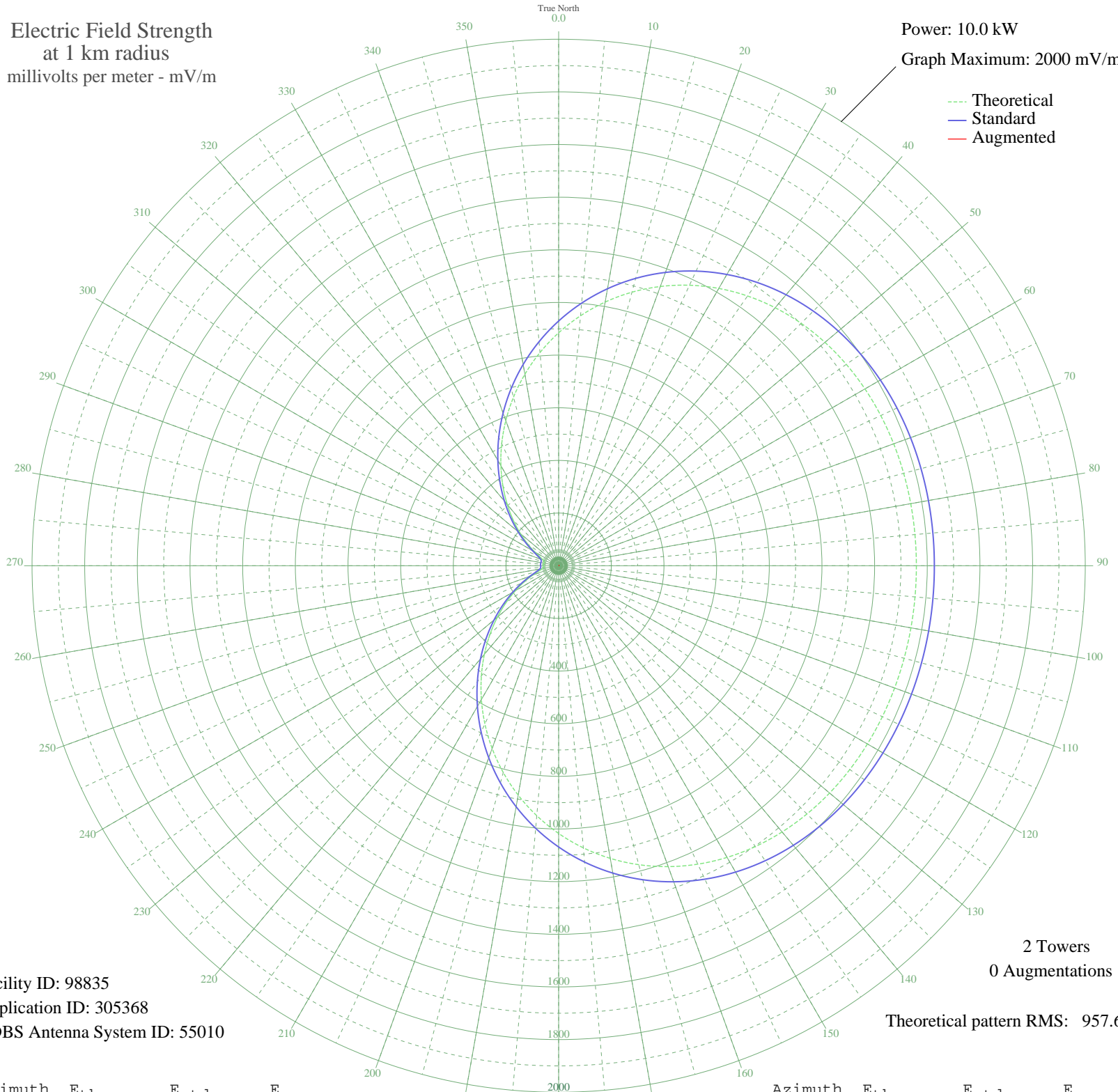


# CHCM MARYSTOWN, NF Canada -- 740 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98835  
Application ID: 305368  
CDBS Antenna System ID: 55010

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 957.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	884.83	929.67	
5	953.16	1001.37	
10	1017.05	1068.42	
15	1075.77	1130.05	
20	1128.77	1185.67	
25	1175.69	1234.92	
30	1216.37	1277.62	
35	1250.85	1313.82	
40	1279.37	1343.75	
45	1302.31	1367.83	
50	1320.19	1386.60	
55	1333.62	1400.69	
60	1343.28	1410.83	
65	1349.87	1417.75	
70	1354.07	1422.16	
75	1356.53	1424.75	
80	1357.81	1426.09	
85	1358.38	1426.68	
90	1358.57	1426.89	
95	1358.61	1426.93	
100	1358.57	1426.89	
105	1358.38	1426.68	
110	1357.81	1426.09	
115	1356.53	1424.75	
120	1354.07	1422.16	
125	1349.87	1417.75	
130	1343.28	1410.83	
135	1333.62	1400.69	
140	1320.19	1386.60	
145	1302.31	1367.83	
150	1279.37	1343.75	
155	1250.85	1313.82	
160	1216.37	1277.62	
165	1175.69	1234.92	
170	1128.77	1185.67	
175	1075.77	1130.05	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1017.05	1068.42	
185	953.16	1001.37	
190	884.83	929.67	
195	812.97	854.27	
200	738.59	776.23	
205	662.80	696.74	
210	586.77	617.00	
215	511.66	538.27	
220	438.65	461.78	
225	368.84	388.71	
230	303.31	320.20	
235	243.06	257.37	
240	189.10	201.32	
245	142.52	153.28	
250	104.62	114.76	
255	77.17	87.56	
260	61.68	72.78	
265	56.78	68.24	
270	57.14	68.58	
275	57.84	69.21	
280	57.14	68.58	
285	56.78	68.24	
290	61.68	72.78	
295	77.17	87.56	
300	104.62	114.76	
305	142.52	153.28	
310	189.11	201.32	
315	243.06	257.37	
320	303.31	320.20	
325	368.85	388.71	
330	438.65	461.78	
335	511.67	538.27	
340	586.77	617.00	
345	662.80	696.74	
350	738.59	776.23	
355	812.97	854.27	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission