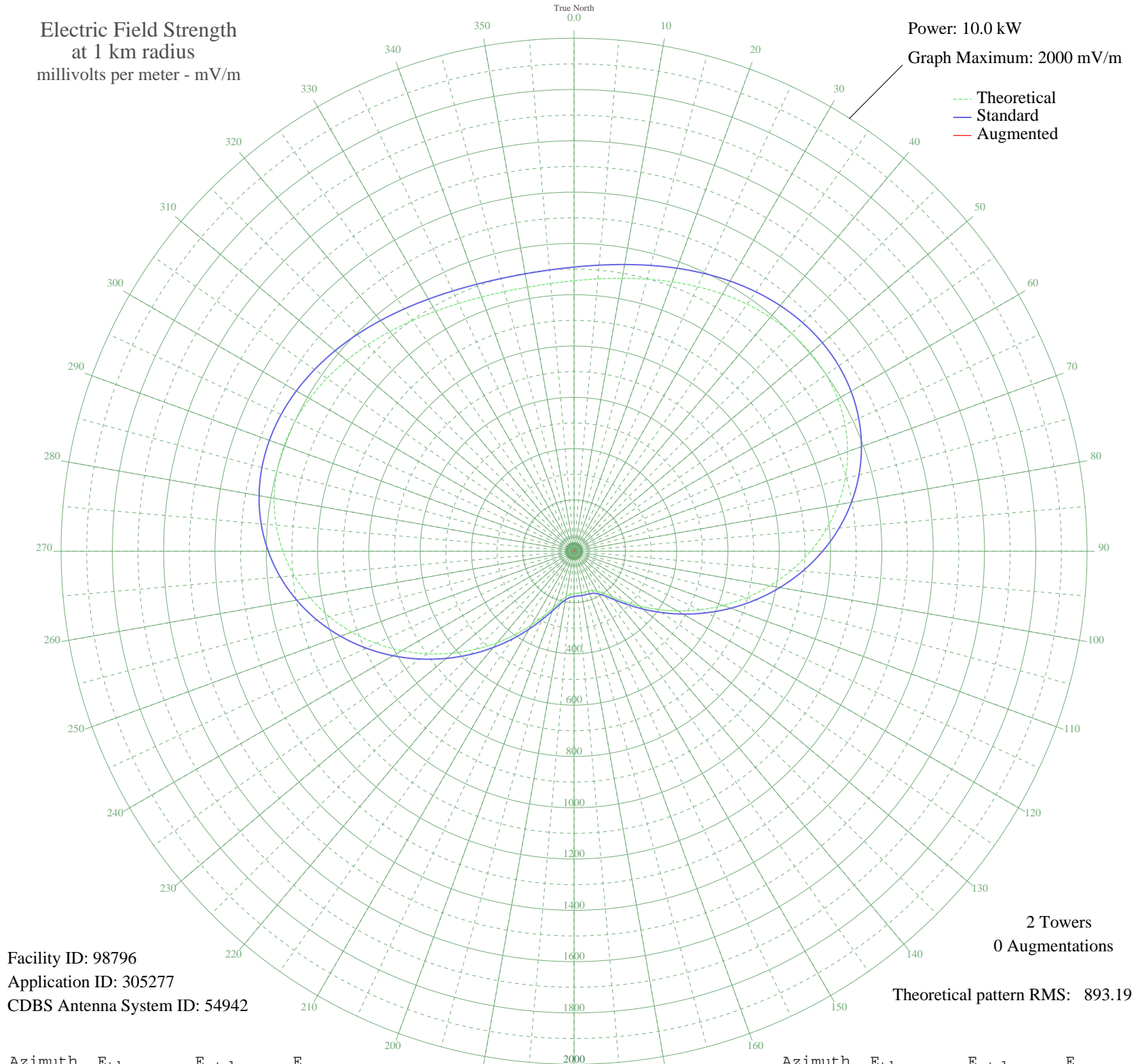


# CKXG GRAND FALLS, NF Canada -- 680 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98796  
Application ID: 305277  
CDBS Antenna System ID: 54942

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 893.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1054.58	1107.80	
5	1065.70	1119.47	
10	1080.47	1134.98	
15	1098.13	1153.52	
20	1117.70	1174.05	
25	1138.02	1195.38	
30	1157.81	1216.16	
35	1175.67	1234.90	
40	1190.15	1250.10	
45	1199.83	1260.26	
50	1203.33	1263.93	
55	1199.46	1259.87	
60	1187.21	1247.01	
65	1165.88	1224.62	
70	1135.07	1192.29	
75	1094.78	1149.99	
80	1045.34	1098.11	
85	987.49	1037.39	
90	922.28	968.97	
95	851.08	894.25	
100	775.48	814.93	
105	697.24	732.86	
110	618.22	649.98	
115	540.33	568.32	
120	465.48	489.88	
125	395.57	416.67	
130	332.46	350.66	
135	278.01	293.79	
140	233.91	247.84	
145	201.40	214.06	
150	180.52	192.43	
155	169.51	181.06	
160	165.18	176.59	
165	164.16	175.54	
170	164.09	175.47	
175	164.16	175.54	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	165.18	176.59	
185	169.51	181.06	
190	180.52	192.43	
195	201.40	214.06	
200	233.91	247.84	
205	278.01	293.79	
210	332.46	350.66	
215	395.57	416.67	
220	465.48	489.88	
225	540.33	568.32	
230	618.22	649.98	
235	697.24	732.85	
240	775.48	814.93	
245	851.08	894.25	
250	922.28	968.97	
255	987.49	1037.39	
260	1045.34	1098.11	
265	1094.78	1149.99	
270	1135.07	1192.29	
275	1165.88	1224.62	
280	1187.21	1247.01	
285	1199.46	1259.87	
290	1203.33	1263.93	
295	1199.83	1260.26	
300	1190.15	1250.10	
305	1175.67	1234.90	
310	1157.81	1216.16	
315	1138.02	1195.38	
320	1117.70	1174.05	
325	1098.13	1153.52	
330	1080.47	1134.98	
335	1065.70	1119.47	
340	1054.58	1107.80	
345	1047.68	1100.56	
350	1045.34	1098.11	
355	1047.68	1100.56	

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