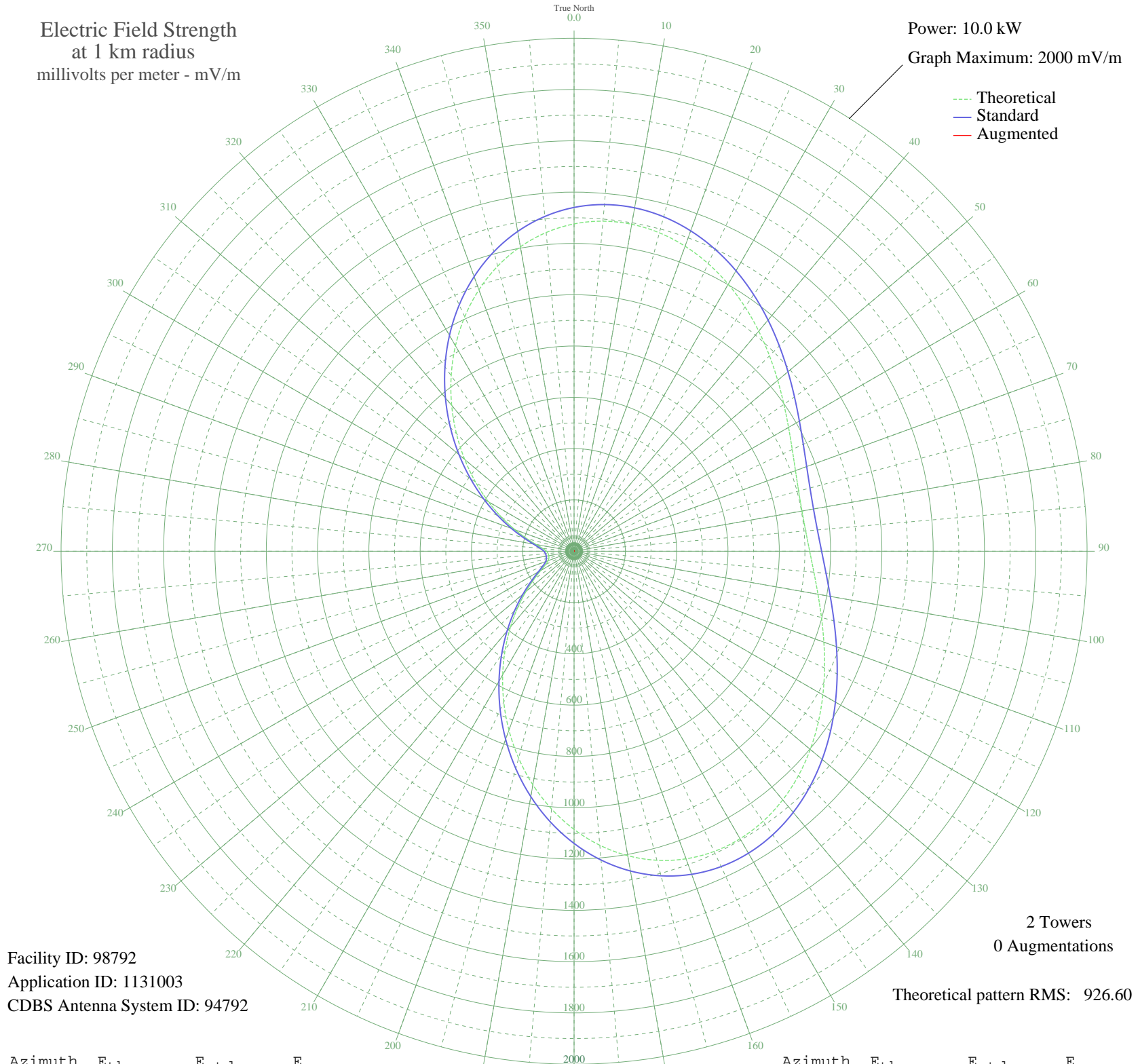


# CKXB MUSGRAVETOWN, NF Canada -- 670 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98792  
Application ID: 1131003  
CDBS Antenna System ID: 94792

2 Towers  
0 Augmentations

Theoretical pattern RMS: 926.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1276.13	1340.35	
5	1291.65	1356.64	
10	1294.34	1359.46	
15	1285.16	1349.83	
20	1265.52	1329.21	
25	1237.15	1299.43	
30	1202.04	1262.58	
35	1162.30	1220.87	
40	1120.07	1176.55	
45	1077.44	1131.80	
50	1036.35	1088.67	
55	998.53	1048.99	
60	965.52	1014.34	
65	938.54	986.03	
70	918.58	965.08	
75	906.32	952.22	
80	902.19	947.89	
85	906.32	952.22	
90	918.58	965.08	
95	938.54	986.03	
100	965.52	1014.34	
105	998.53	1048.99	
110	1036.35	1088.67	
115	1077.44	1131.80	
120	1120.07	1176.55	
125	1162.30	1220.87	
130	1202.04	1262.58	
135	1237.15	1299.43	
140	1265.52	1329.21	
145	1285.16	1349.83	
150	1294.34	1359.46	
155	1291.65	1356.64	
160	1276.13	1340.35	
165	1247.31	1310.09	
170	1205.26	1265.96	
175	1150.62	1208.61	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1084.52	1139.23	
185	1008.56	1059.51	
190	924.71	971.51	
195	835.19	877.57	
200	742.38	780.21	
205	648.71	681.96	
210	556.55	585.32	
215	468.13	492.66	
220	385.54	406.17	
225	310.68	327.90	
230	245.35	259.75	
235	191.29	203.58	
240	150.07	161.04	
245	122.57	132.91	
250	107.62	117.77	
255	101.49	111.62	
260	100.03	110.16	
265	101.49	111.62	
270	107.62	117.77	
275	122.57	132.91	
280	150.07	161.04	
285	191.29	203.58	
290	245.36	259.75	
295	310.68	327.90	
300	385.54	406.17	
305	468.13	492.66	
310	556.55	585.32	
315	648.72	681.96	
320	742.38	780.21	
325	835.19	877.57	
330	924.71	971.51	
335	1008.56	1059.51	
340	1084.52	1139.23	
345	1150.62	1208.61	
350	1205.26	1265.96	
355	1247.31	1310.09	

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