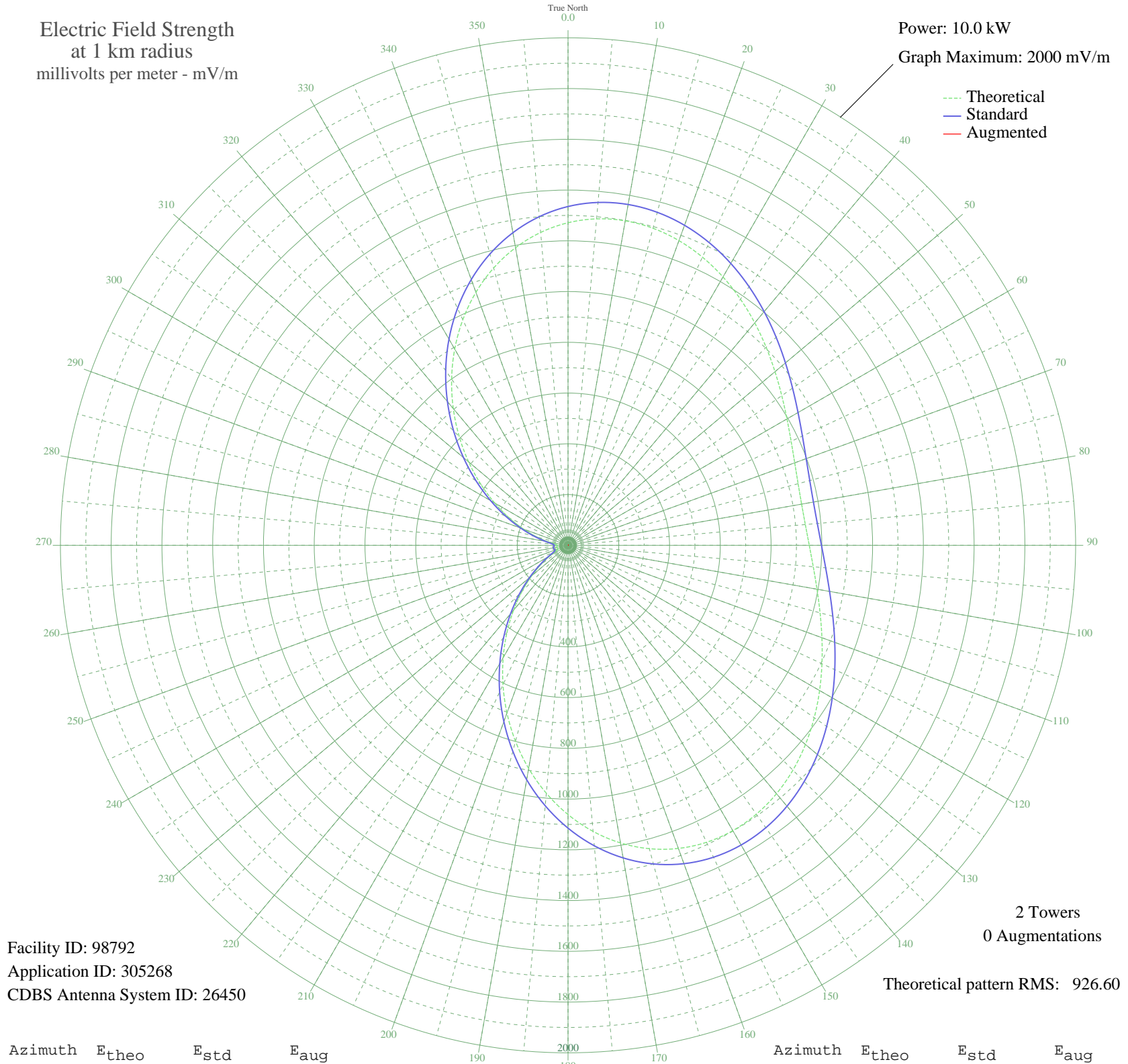


# CKXB MUSGRAVETOWN, NF Canada -- 670 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 98792  
Application ID: 305268  
CDBS Antenna System ID: 26450

2 Towers  
0 Augmentations

Theoretical pattern RMS: 926.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1271.23	1335.21	
5	1291.37	1356.35	
10	1298.51	1363.84	
15	1293.56	1358.64	
20	1277.84	1342.15	
25	1253.07	1316.14	
30	1221.18	1282.67	
35	1184.27	1243.93	
40	1144.49	1202.17	
45	1103.92	1159.59	
50	1064.53	1118.25	
55	1028.08	1079.99	
60	996.12	1046.45	
65	969.92	1018.96	
70	950.50	998.57	
75	938.55	986.04	
80	934.53	981.81	
85	938.55	986.04	
90	950.50	998.57	
95	969.92	1018.96	
100	996.12	1046.45	
105	1028.08	1079.99	
110	1064.53	1118.25	
115	1103.92	1159.59	
120	1144.49	1202.17	
125	1184.27	1243.93	
130	1221.18	1282.67	
135	1253.07	1316.14	
140	1277.84	1342.15	
145	1293.56	1358.64	
150	1298.51	1363.84	
155	1291.37	1356.35	
160	1271.23	1335.21	
165	1237.71	1300.02	
170	1190.96	1250.95	
175	1131.68	1188.73	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1061.08	1114.63	
185	980.83	1030.41	
190	892.93	938.16	
195	799.63	840.27	
200	703.31	739.23	
205	606.37	637.55	
210	511.09	537.67	
215	419.61	441.84	
220	333.86	352.12	
225	255.52	270.35	
230	186.11	198.22	
235	127.13	137.55	
240	80.57	90.88	
245	50.25	62.34	
250	40.72	54.13	
255	44.06	56.94	
260	46.59	59.12	
265	44.06	56.94	
270	40.72	54.13	
275	50.25	62.34	
280	80.57	90.88	
285	127.13	137.55	
290	186.11	198.22	
295	255.52	270.35	
300	333.86	352.12	
305	419.61	441.84	
310	511.09	537.67	
315	606.37	637.55	
320	703.32	739.23	
325	799.63	840.27	
330	892.93	938.17	
335	980.83	1030.41	
340	1061.08	1114.63	
345	1131.68	1188.73	
350	1190.96	1250.95	
355	1237.71	1300.02	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission