

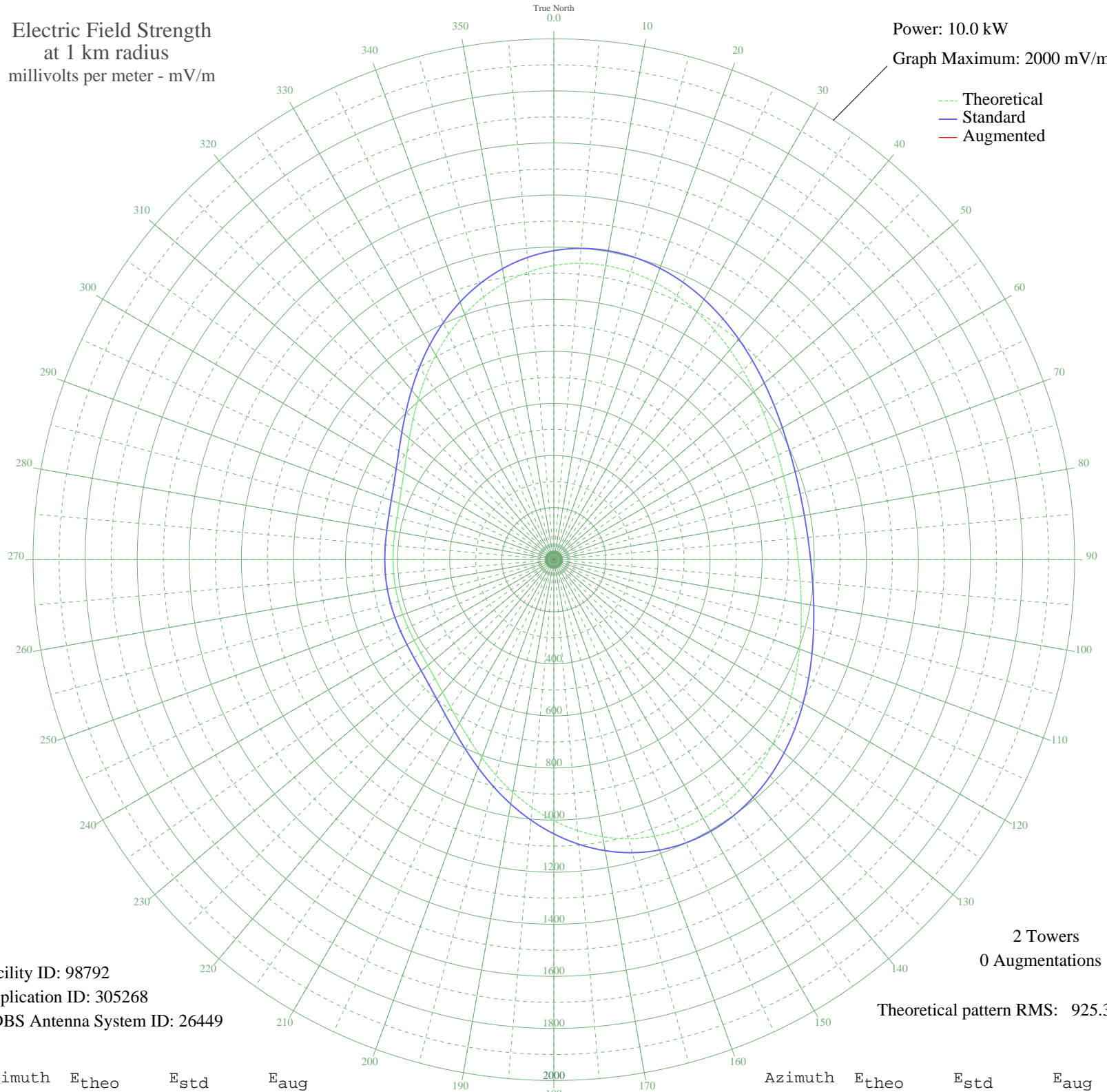
CKXB MUSGRAVETOWN, NF Canada -- 670 kHz

Daytime

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: 26449

2 Towers
0 Augmentations

Theoretical pattern RMS: 925.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1129.68	1186.63	
5	1142.27	1199.84	
10	1146.75	1204.55	
15	1143.64	1201.28	
20	1133.81	1190.96	
25	1118.37	1174.76	
30	1098.65	1154.06	
35	1076.02	1130.31	
40	1051.88	1104.98	
45	1027.57	1079.46	
50	1004.26	1055.00	
55	982.99	1032.67	
60	964.57	1013.35	
65	949.66	997.70	
70	938.71	986.20	
75	932.02	979.19	
80	929.78	976.83	
85	932.02	979.19	
90	938.71	986.20	
95	949.66	997.70	
100	964.57	1013.35	
105	982.99	1032.67	
110	1004.26	1055.00	
115	1027.57	1079.46	
120	1051.88	1104.98	
125	1076.02	1130.31	
130	1098.65	1154.06	
135	1118.37	1174.76	
140	1133.81	1190.96	
145	1143.64	1201.28	
150	1146.75	1204.55	
155	1142.27	1199.84	
160	1129.68	1186.63	
165	1108.85	1164.77	
170	1080.10	1134.59	
175	1044.17	1096.88	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1002.24	1052.88	
185	955.85	1004.19	
190	906.84	952.76	
195	857.21	900.69	
200	809.06	850.16	
205	764.32	803.23	
210	724.69	761.65	
215	691.36	726.69	
220	664.95	698.99	
225	645.42	678.51	
230	632.12	664.56	
235	623.97	656.01	
240	619.66	651.49	
245	617.88	649.62	
250	617.49	649.22	
255	617.62	649.35	
260	617.72	649.46	
265	617.62	649.35	
270	617.49	649.22	
275	617.88	649.62	
280	619.66	651.49	
285	623.97	656.01	
290	632.12	664.56	
295	645.42	678.51	
300	664.95	698.99	
305	691.36	726.69	
310	724.69	761.65	
315	764.32	803.23	
320	809.06	850.16	
325	857.21	900.69	
330	906.84	952.76	
335	955.85	1004.19	
340	1002.24	1052.88	
345	1044.17	1096.88	
350	1080.10	1134.59	
355	1108.85	1164.77	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
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