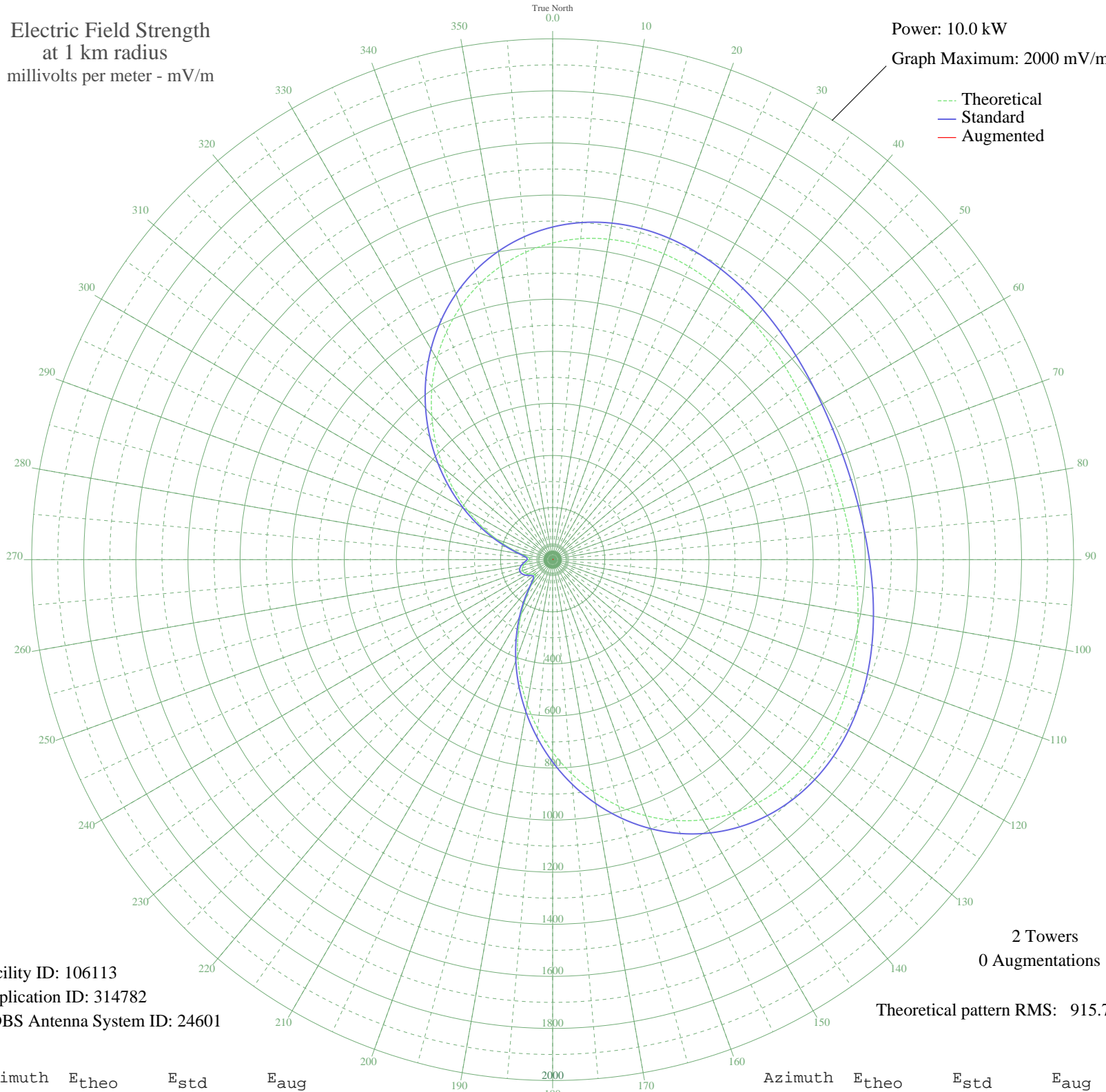


# CKCM GRAND FALLS, NF Canada -- 620 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106113  
Application ID: 314782  
CDBS Antenna System ID: 24601

2 Towers  
0 Augmentations

Theoretical pattern RMS: 915.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1216.15	1277.39	
5	1237.28	1299.57	
10	1249.27	1312.16	
15	1253.04	1316.11	
20	1249.75	1312.66	
25	1240.74	1303.20	
30	1227.47	1289.27	
35	1211.41	1272.42	
40	1194.03	1254.17	
45	1176.69	1235.97	
50	1160.62	1219.10	
55	1146.86	1204.67	
60	1136.28	1193.56	
65	1129.49	1186.43	
70	1126.89	1183.71	
75	1128.63	1185.53	
80	1134.60	1191.80	
85	1144.47	1202.15	
90	1157.65	1215.99	
95	1173.34	1232.45	
100	1190.52	1250.49	
105	1208.00	1268.83	
110	1224.43	1286.08	
115	1238.38	1300.72	
120	1248.36	1311.20	
125	1252.91	1315.97	
130	1250.65	1313.60	
135	1240.39	1302.83	
140	1221.14	1282.63	
145	1192.25	1252.30	
150	1153.37	1211.50	
155	1104.57	1160.27	
160	1046.28	1099.10	
165	979.32	1028.83	
170	904.86	950.68	
175	824.32	866.17	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	739.38	777.06	
185	651.86	685.26	
190	563.64	592.75	
195	476.61	501.54	
200	392.64	413.61	
205	313.59	330.94	
210	241.39	255.63	
215	178.37	190.21	
220	127.99	138.43	
225	95.96	106.08	
230	87.22	97.41	
235	95.71	105.84	
240	108.88	119.05	
245	119.08	129.36	
250	123.22	133.57	
255	120.44	130.75	
260	111.30	121.49	
265	98.31	108.43	
270	87.96	98.14	
275	92.33	102.47	
280	119.89	130.19	
285	167.14	178.61	
290	227.97	241.66	
295	298.54	315.22	
300	376.38	396.59	
305	459.51	483.63	
310	546.08	574.34	
315	634.21	666.75	
320	722.03	758.86	
325	807.63	848.66	
330	889.18	934.23	
335	964.99	1013.78	
340	1033.55	1085.74	
345	1093.65	1148.81	
350	1144.40	1202.08	
355	1185.28	1244.98	

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