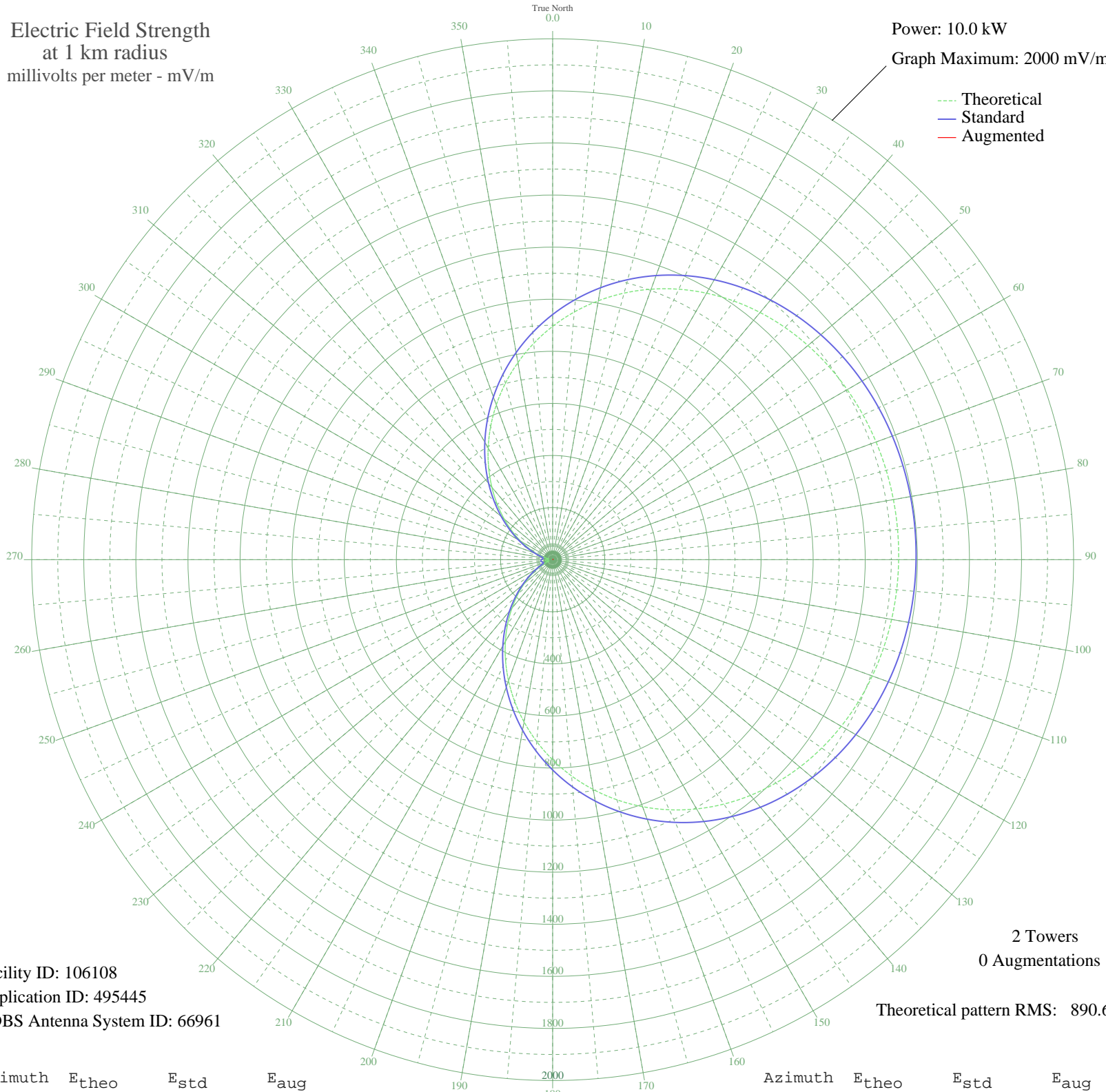


# CKXJ GRAND BANK, NF Canada -- 610 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106108  
Application ID: 495445  
CDBS Antenna System ID: 66961

2 Towers  
0 Augmentations

Theoretical pattern RMS: 890.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	895.94	941.32	
5	954.72	1003.00	
10	1009.43	1060.42	
15	1059.67	1113.15	
20	1105.17	1160.91	
25	1145.79	1203.54	
30	1181.53	1241.05	
35	1212.50	1273.56	
40	1238.92	1301.29	
45	1261.09	1324.56	
50	1279.36	1343.74	
55	1294.13	1359.25	
60	1305.80	1371.49	
65	1314.73	1380.87	
70	1321.29	1387.75	
75	1325.75	1392.44	
80	1328.34	1395.16	
85	1329.19	1396.05	
90	1328.34	1395.16	
95	1325.75	1392.44	
100	1321.29	1387.75	
105	1314.73	1380.87	
110	1305.80	1371.49	
115	1294.13	1359.25	
120	1279.36	1343.74	
125	1261.09	1324.56	
130	1238.92	1301.29	
135	1212.50	1273.56	
140	1181.53	1241.05	
145	1145.79	1203.54	
150	1105.17	1160.91	
155	1059.67	1113.15	
160	1009.43	1060.42	
165	954.72	1003.00	
170	895.94	941.32	
175	833.64	875.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	768.47	807.57	
185	701.17	736.98	
190	632.59	665.05	
195	563.58	592.69	
200	495.04	520.86	
205	427.88	450.50	
210	362.94	382.54	
215	301.06	317.86	
220	242.99	257.30	
225	189.42	201.65	
230	140.97	151.69	
235	98.19	108.32	
240	61.69	72.79	
245	32.44	47.57	
250	14.76	36.64	
255	18.49	38.46	
260	26.65	43.42	
265	29.70	45.55	
270	26.65	43.42	
275	18.49	38.46	
280	14.76	36.64	
285	32.44	47.57	
290	61.69	72.79	
295	98.19	108.32	
300	140.97	151.69	
305	189.42	201.65	
310	243.00	257.30	
315	301.06	317.86	
320	362.94	382.54	
325	427.88	450.50	
330	495.04	520.86	
335	563.58	592.69	
340	632.59	665.05	
345	701.18	736.98	
350	768.47	807.57	
355	833.64	875.95	

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