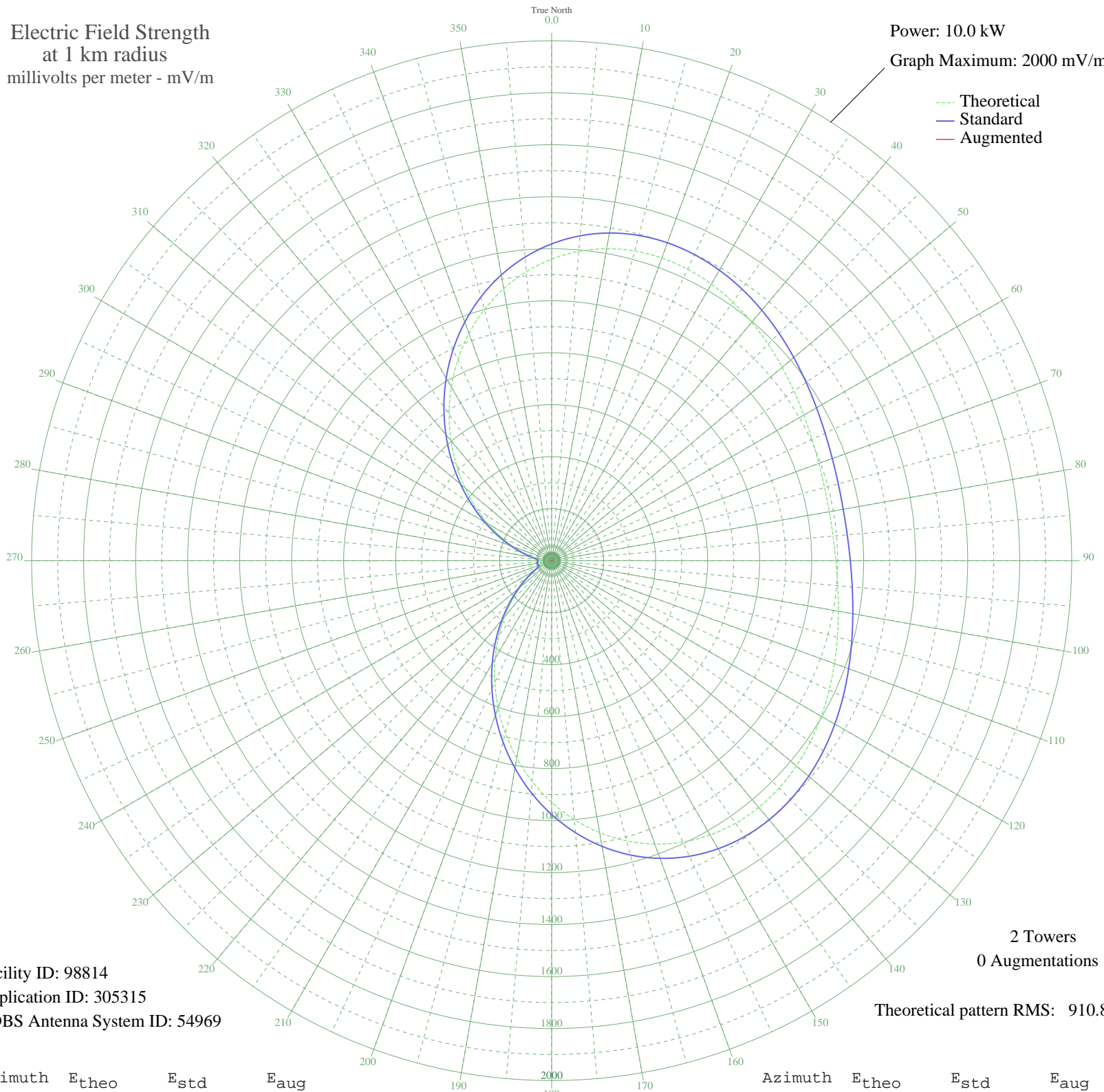


# CKVO CLARENVILLE, NF Canada -- 710 kHz

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: 98814  
Application ID: 305315  
CDBS Antenna System ID: 54969

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 910.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1160.21	1218.67	
5	1194.37	1254.52	
10	1218.58	1279.94	
15	1233.22	1295.31	
20	1239.04	1301.41	
25	1237.03	1299.30	
30	1228.44	1290.29	
35	1214.69	1275.85	
40	1197.25	1257.55	
45	1177.63	1236.96	
50	1157.29	1215.61	
55	1137.59	1194.93	
60	1119.73	1176.18	
65	1104.73	1160.44	
70	1093.42	1148.57	
75	1086.39	1141.19	
80	1084.01	1138.69	
85	1086.39	1141.19	
90	1093.42	1148.57	
95	1104.73	1160.44	
100	1119.73	1176.18	
105	1137.59	1194.93	
110	1157.29	1215.61	
115	1177.63	1236.96	
120	1197.25	1257.55	
125	1214.69	1275.85	
130	1228.44	1290.29	
135	1237.03	1299.30	
140	1239.04	1301.41	
145	1233.22	1295.31	
150	1218.58	1279.94	
155	1194.37	1254.52	
160	1160.21	1218.67	
165	1116.10	1172.37	
170	1062.41	1116.02	
175	999.89	1050.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	929.63	976.68	
185	853.02	896.29	
190	771.66	810.92	
195	687.29	722.42	
200	601.72	632.68	
205	516.75	543.61	
210	434.11	457.02	
215	355.39	374.63	
220	282.03	297.99	
225	215.35	228.54	
230	156.54	167.69	
235	106.91	117.06	
240	68.34	79.07	
245	44.48	57.31	
250	38.37	52.21	
255	41.80	55.03	
260	44.00	56.90	
265	41.80	55.03	
270	38.37	52.21	
275	44.48	57.31	
280	68.34	79.07	
285	106.91	117.06	
290	156.54	167.69	
295	215.35	228.54	
300	282.03	297.99	
305	355.39	374.63	
310	434.11	457.02	
315	516.76	543.61	
320	601.72	632.68	
325	687.29	722.42	
330	771.66	810.92	
335	853.02	896.29	
340	929.63	976.68	
345	999.89	1050.41	
350	1062.41	1116.02	
355	1116.10	1172.37	

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