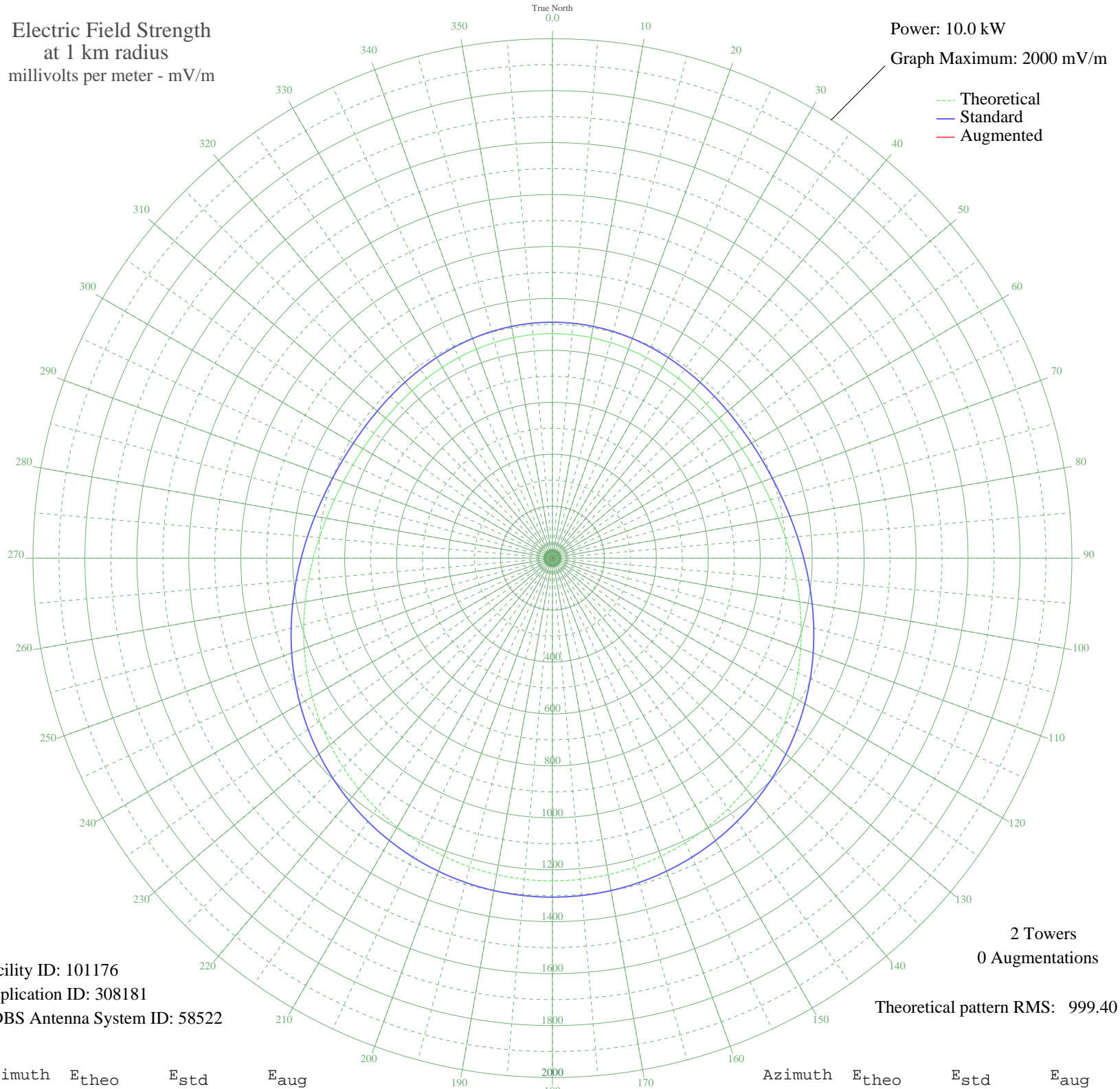


# CHSJ ST. JOHN, NB Canada -- 1150 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101176  
Application ID: 308181  
CDBS Antenna System ID: 58522

Theoretical pattern RMS: 999.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	864.34	908.27	
5	863.79	907.69	
10	862.17	905.99	
15	859.60	903.29	
20	856.25	899.78	
25	852.38	895.71	
30	848.29	891.43	
35	844.37	887.32	
40	841.03	883.81	
45	838.71	881.38	
50	837.87	880.50	
55	838.95	881.62	
60	842.32	885.17	
65	848.32	891.45	
70	857.14	900.71	
75	868.89	913.04	
80	883.54	928.41	
85	900.93	946.66	
90	920.80	967.50	
95	942.77	990.56	
100	966.43	1015.38	
105	991.29	1041.47	
110	1016.86	1068.31	
115	1042.66	1095.38	
120	1068.22	1122.21	
125	1093.11	1148.32	
130	1116.92	1173.32	
135	1139.33	1196.83	
140	1160.03	1218.56	
145	1178.78	1238.23	
150	1195.37	1255.65	
155	1209.64	1270.63	
160	1221.47	1283.04	
165	1230.75	1292.79	
170	1237.43	1299.80	
175	1241.46	1304.02	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1242.80	1305.44	
185	1241.46	1304.02	
190	1237.43	1299.80	
195	1230.75	1292.79	
200	1221.47	1283.04	
205	1209.64	1270.63	
210	1195.37	1255.65	
215	1178.78	1238.23	
220	1160.03	1218.56	
225	1139.33	1196.83	
230	1116.92	1173.32	
235	1093.10	1148.32	
240	1068.22	1122.21	
245	1042.66	1095.38	
250	1016.86	1068.31	
255	991.29	1041.47	
260	966.43	1015.38	
265	942.77	990.56	
270	920.80	967.50	
275	900.93	946.66	
280	883.54	928.41	
285	868.89	913.04	
290	857.14	900.71	
295	848.32	891.45	
300	842.32	885.17	
305	838.95	881.62	
310	837.87	880.50	
315	838.71	881.38	
320	841.03	883.81	
325	844.37	887.32	
330	848.29	891.43	
335	852.38	895.71	
340	856.25	899.78	
345	859.60	903.29	
350	862.17	905.99	
355	863.79	907.69	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission