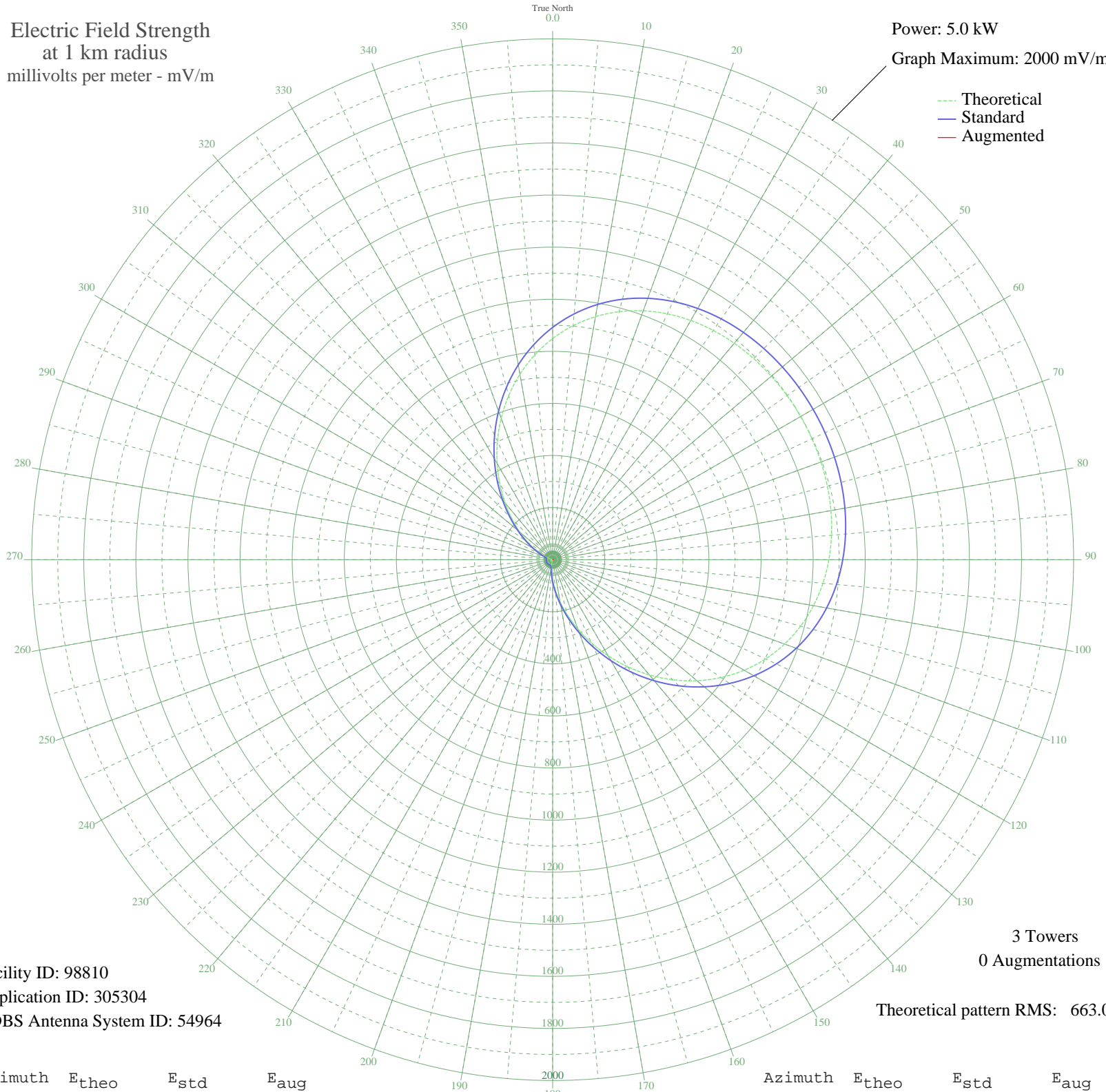


# CHSJ SAINT JOHN, NB Canada -- 700 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98810  
Application ID: 305304  
CDBS Antenna System ID: 54964

3 Towers  
0 Augmentations

Theoretical pattern RMS: 663.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	848.99	891.75	
5	901.91	947.30	
10	947.48	995.13	
15	985.67	1035.22	
20	1016.82	1067.91	
25	1041.49	1093.82	
30	1060.47	1113.74	
35	1074.59	1128.56	
40	1084.71	1139.19	
45	1091.65	1146.47	
50	1096.07	1151.12	
55	1098.51	1153.68	
60	1099.29	1154.49	
65	1098.51	1153.68	
70	1096.07	1151.12	
75	1091.65	1146.47	
80	1084.71	1139.19	
85	1074.59	1128.56	
90	1060.47	1113.74	
95	1041.49	1093.82	
100	1016.82	1067.91	
105	985.67	1035.22	
110	947.48	995.13	
115	901.91	947.30	
120	848.99	891.75	
125	789.10	828.89	
130	723.05	759.57	
135	652.06	685.06	
140	577.66	607.00	
145	501.70	527.31	
150	426.14	448.06	
155	352.98	371.37	
160	284.10	299.23	
165	221.14	233.38	
170	165.38	175.22	
175	117.68	125.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	78.45	85.65	
185	47.66	55.28	
190	24.86	35.11	
195	9.28	25.42	
200	0.50	23.48	
205	4.56	23.96	
210	5.22	24.11	
215	3.38	23.74	
220	0.50	23.48	
225	3.53	23.77	
230	6.69	24.51	
235	8.84	25.25	
240	9.60	25.55	
245	8.84	25.25	
250	6.69	24.51	
255	3.53	23.77	
260	0.50	23.48	
265	3.38	23.74	
270	5.22	24.11	
275	4.56	23.96	
280	0.50	23.48	
285	9.28	25.42	
290	24.86	35.11	
295	47.66	55.28	
300	78.45	85.65	
305	117.68	125.77	
310	165.38	175.22	
315	221.14	233.38	
320	284.10	299.23	
325	352.98	371.37	
330	426.14	448.06	
335	501.70	527.31	
340	577.67	607.00	
345	652.06	685.06	
350	723.05	759.57	
355	789.10	828.89	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission