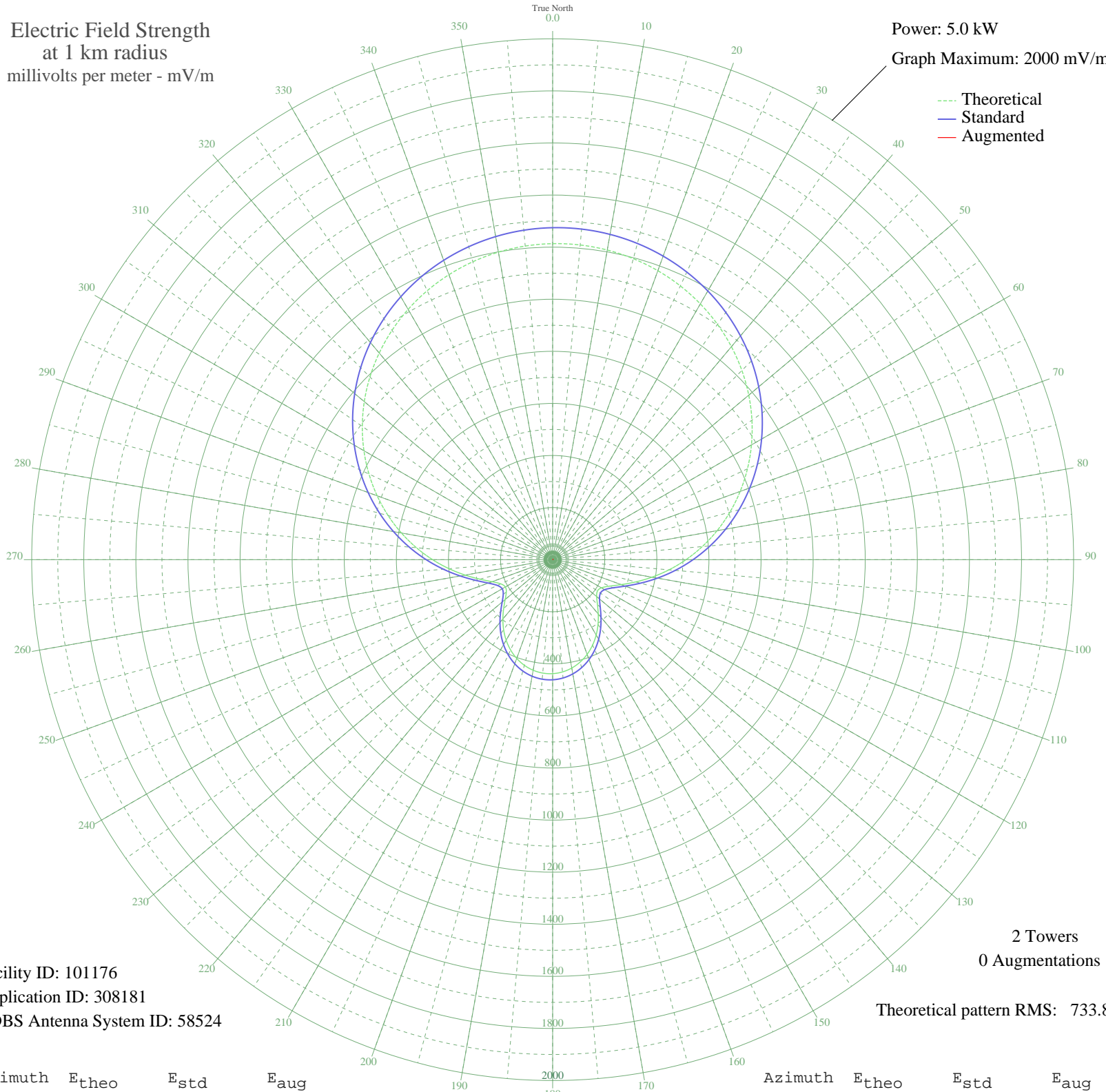


# CHSJ SAINT JOHN, NB Canada -- 1150 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101176  
Application ID: 308181  
CDBS Antenna System ID: 58524

2 Towers  
0 Augmentations

Theoretical pattern RMS: 733.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1213.46	1274.74	
5	1212.94	1274.20	
10	1207.31	1268.29	
15	1196.56	1257.02	
20	1180.73	1240.40	
25	1159.85	1218.48	
30	1133.97	1191.33	
35	1103.19	1159.03	
40	1067.62	1121.70	
45	1027.41	1079.50	
50	982.77	1032.67	
55	933.96	981.45	
60	881.29	926.20	
65	825.17	867.33	
70	766.04	805.31	
75	704.46	740.74	
80	641.07	674.28	
85	576.62	606.75	
90	512.03	539.09	
95	448.39	472.47	
100	387.13	408.40	
105	330.14	348.89	
110	280.08	296.74	
115	240.66	255.78	
120	216.25	230.48	
125	209.88	223.90	
130	220.49	234.87	
135	243.17	258.37	
140	272.29	288.63	
145	303.56	321.19	
150	334.18	353.11	
155	362.34	382.51	
160	386.92	408.18	
165	407.15	429.33	
170	422.54	445.43	
175	432.78	456.14	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	437.67	461.26	
185	437.13	460.69	
190	431.16	454.44	
195	419.87	442.63	
200	403.47	425.49	
205	382.33	403.39	
210	356.97	376.90	
215	328.20	346.88	
220	297.29	314.65	
225	266.18	282.27	
230	237.95	252.96	
235	217.22	231.48	
240	209.69	223.70	
245	219.74	234.09	
250	247.49	262.86	
255	289.38	306.41	
260	341.08	360.31	
265	399.11	420.93	
270	460.98	485.65	
275	524.91	552.58	
280	589.56	620.30	
285	653.86	687.69	
290	716.94	753.83	
295	778.08	817.94	
300	836.65	879.37	
305	892.12	937.56	
310	944.04	992.03	
315	992.04	1042.39	
320	1035.81	1088.32	
325	1075.11	1129.56	
330	1109.73	1165.89	
335	1139.54	1197.17	
340	1164.43	1223.29	
345	1184.30	1244.15	
350	1199.12	1259.70	
355	1208.85	1269.90	

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