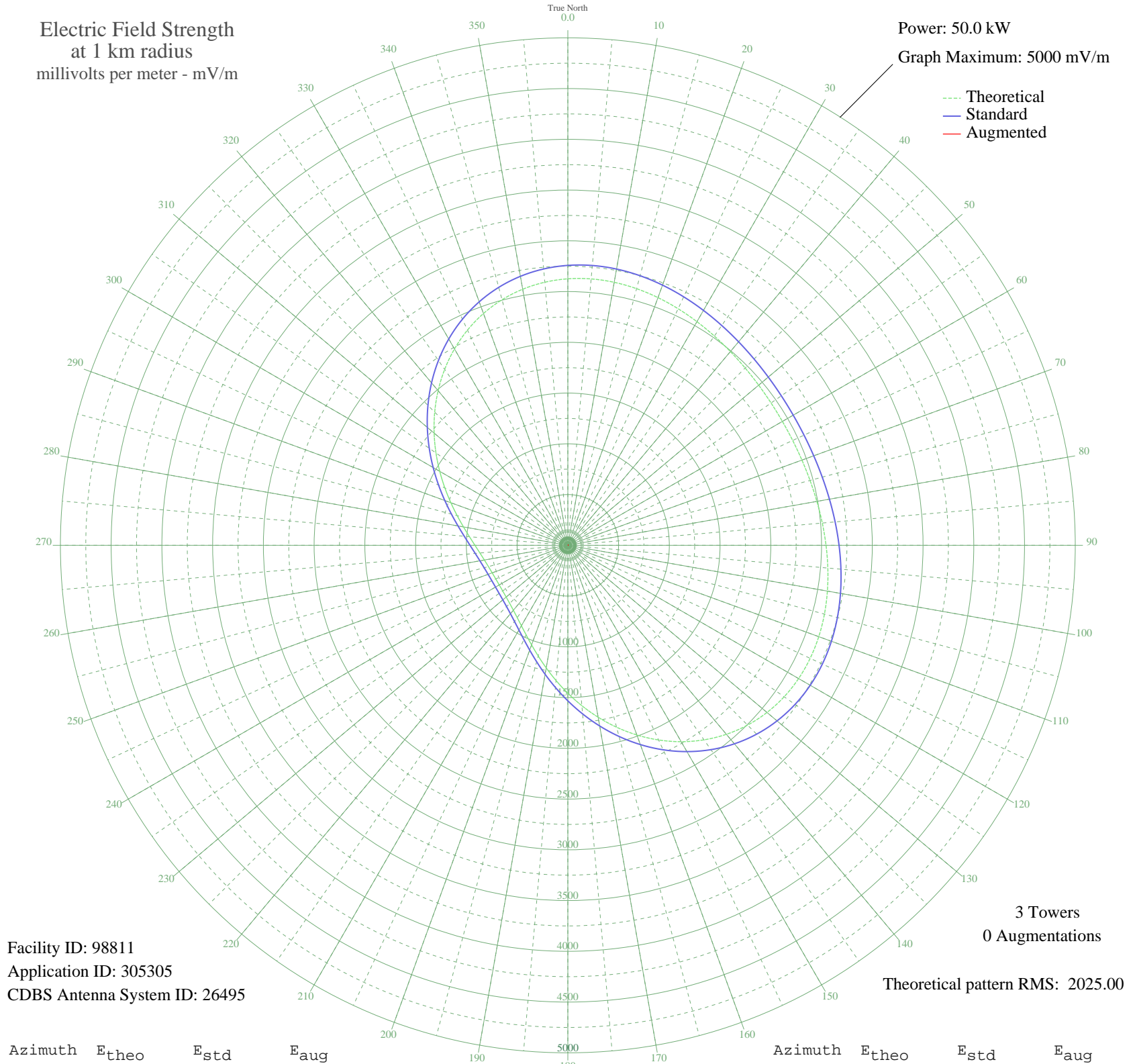


# CHSJ SAINT JOHN, NB Canada -- 700 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98811  
Application ID: 305305  
CDBS Antenna System ID: 26495

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 2025.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2625.62	2757.90	
5	2634.68	2767.41	
10	2631.25	2763.81	
15	2617.83	2749.73	
20	2597.09	2727.95	
25	2571.70	2701.31	
30	2544.22	2672.46	
35	2516.95	2643.84	
40	2491.90	2617.55	
45	2470.71	2595.30	
50	2454.66	2578.47	
55	2444.68	2567.98	
60	2441.29	2564.43	
65	2444.68	2567.98	
70	2454.66	2578.47	
75	2470.71	2595.30	
80	2491.90	2617.55	
85	2516.95	2643.84	
90	2544.22	2672.46	
95	2571.70	2701.31	
100	2597.09	2727.95	
105	2617.83	2749.73	
110	2631.25	2763.81	
115	2634.68	2767.41	
120	2625.62	2757.90	
125	2601.92	2733.03	
130	2561.98	2691.10	
135	2504.88	2631.17	
140	2430.52	2553.13	
145	2339.68	2457.79	
150	2234.01	2346.89	
155	2115.93	2222.97	
160	1988.51	2089.25	
165	1855.25	1949.43	
170	1719.89	1807.41	
175	1586.12	1667.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1457.39	1532.06	
185	1336.73	1405.52	
190	1226.57	1290.03	
195	1128.67	1187.42	
200	1044.04	1098.76	
205	972.99	1024.33	
210	915.12	963.74	
215	869.53	916.02	
220	834.95	879.84	
225	809.96	853.69	
230	793.23	836.19	
235	783.66	826.18	
240	780.55	822.93	
245	783.66	826.18	
250	793.23	836.19	
255	809.96	853.69	
260	834.95	879.84	
265	869.53	916.03	
270	915.12	963.74	
275	972.99	1024.33	
280	1044.04	1098.76	
285	1128.67	1187.42	
290	1226.57	1290.03	
295	1336.73	1405.53	
300	1457.39	1532.06	
305	1586.12	1667.08	
310	1719.89	1807.41	
315	1855.25	1949.43	
320	1988.51	2089.25	
325	2115.93	2222.97	
330	2234.01	2346.89	
335	2339.69	2457.79	
340	2430.52	2553.13	
345	2504.88	2631.17	
350	2561.98	2691.10	
355	2601.92	2733.03	

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