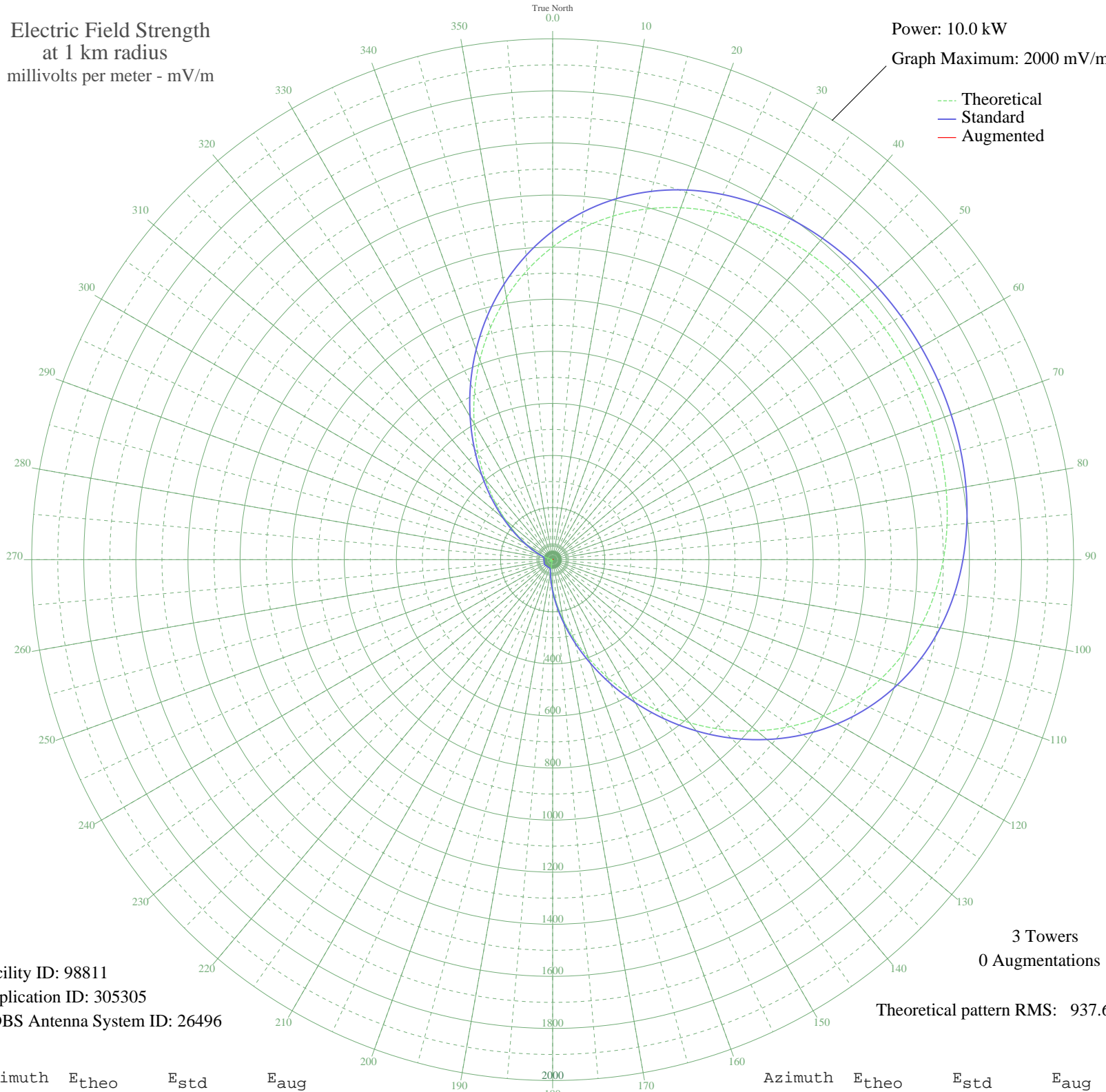


# CHSJ SAINT JOHN, NB Canada -- 700 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98811  
Application ID: 305305  
CDBS Antenna System ID: 26496

3 Towers  
0 Augmentations

Theoretical pattern RMS: 937.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1200.73	1261.21	
5	1275.59	1339.78	
10	1340.03	1407.42	
15	1394.05	1464.12	
20	1438.10	1510.37	
25	1473.00	1547.01	
30	1499.83	1575.18	
35	1519.80	1596.14	
40	1534.12	1611.17	
45	1543.93	1621.47	
50	1550.19	1628.04	
55	1553.64	1631.66	
60	1554.74	1632.81	
65	1553.64	1631.66	
70	1550.19	1628.04	
75	1543.93	1621.47	
80	1534.12	1611.17	
85	1519.80	1596.14	
90	1499.83	1575.18	
95	1473.00	1547.01	
100	1438.10	1510.37	
105	1394.05	1464.12	
110	1340.03	1407.42	
115	1275.59	1339.78	
120	1200.73	1261.21	
125	1116.03	1172.31	
130	1022.62	1074.27	
135	922.21	968.89	
140	817.00	858.49	
145	709.56	745.78	
150	602.70	633.70	
155	499.23	525.24	
160	401.81	423.20	
165	312.76	330.07	
170	233.89	247.82	
175	166.43	177.88	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	110.95	121.14	
185	67.41	78.18	
190	35.16	49.66	
195	13.13	35.95	
200	0.71	33.21	
205	6.45	33.89	
210	7.38	34.10	
215	4.77	33.58	
220	0.70	33.21	
225	5.00	33.62	
230	9.47	34.66	
235	12.50	35.70	
240	13.57	36.13	
245	12.50	35.70	
250	9.47	34.66	
255	5.00	33.62	
260	0.70	33.21	
265	4.77	33.58	
270	7.38	34.10	
275	6.45	33.89	
280	0.71	33.21	
285	13.13	35.95	
290	35.16	49.66	
295	67.41	78.18	
300	110.95	121.14	
305	166.43	177.88	
310	233.89	247.82	
315	312.76	330.07	
320	401.81	423.21	
325	499.23	525.24	
330	602.70	633.70	
335	709.56	745.78	
340	817.00	858.49	
345	922.21	968.89	
350	1022.63	1074.27	
355	1116.03	1172.31	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission