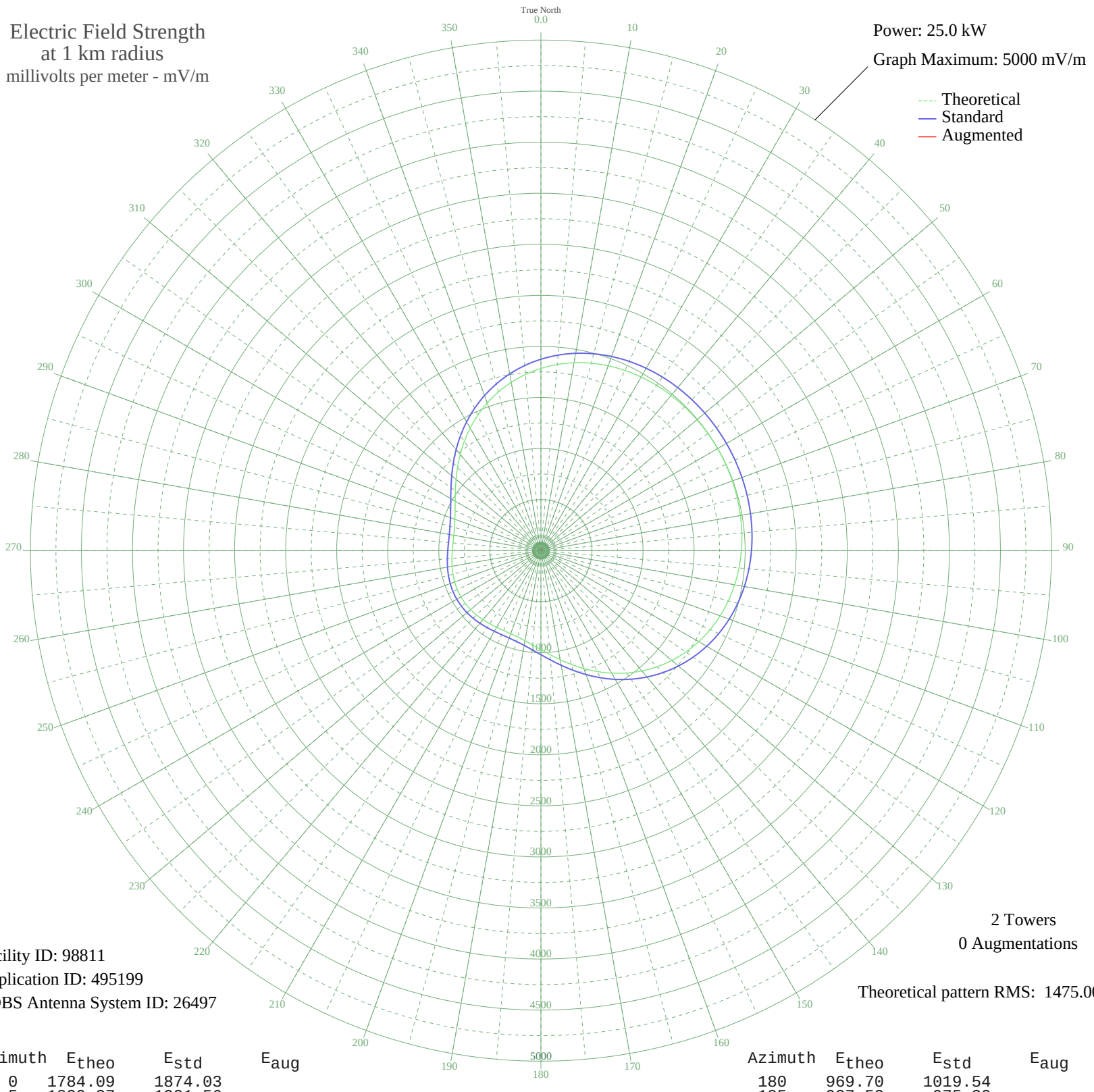
CHSJ SAINT JOHN, NB Canada -- 700 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98811
Application ID: 495199
CDBS Antenna System ID: 26497

Theoretical pattern RMS: 1475.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1784.09	1874.03	
5	1829.37	1921.56	
10	1867.92	1962.01	
15	1900.02	1995.72	
20	1926.18	2023.17	
25	1947.00	2045.03	
30	1963.16	2061.98	
35	1975.35	2074.78	
40	1984.26	2084.13	
45	1990.49	2090.67	
50	1994.55	2094.94	
55	1996.83	2097.33	
60	1997.56	2098.10	
65	1996.83	2097.33	
70	1994.55	2094.94	
75	1990.49	2090.67	
80	1984.26	2084.13	
85	1975.35	2074.78	
90	1963.16	2061.98	
95	1947.00	2045.03	
100	1926.18	2023.17	
105	1900.02	1995.72	
110	1867.92	1962.01	
115	1829.37	1921.56	
120	1784.09	1874.03	
125	1731.96	1819.32	
130	1673.17	1757.61	
135	1608.18	1689.41	
140	1537.78	1615.52	
145	1463.08	1537.13	
150	1385.51	1455.73	
155	1306.81	1373.15	
160	1228.96	1291.48	
165	1154.15	1212.99	
170	1084.61	1140.05	
175	1022.50	1074.91	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	969.70	1019.54	
185	927.53	975.32	
190	896.57	942.86	
195	876.52	921.85	
200	866.24	911.06	
205	863.91	908.63	
210	867.40	912.28	
215	874.48	919.71	
220	883.13	928.77	
225	891.63	937.68	
230	898.64	945.03	
235	903.22	949.83	
240	904.80	951.49	
245	903.22	949.83	
250	898.64	945.03	
255	891.63	937.68	
260	883.13	928.77	
265	874.48	919.71	
270	867.40	912.28	
275	863.91	908.63	
280	866.24	911.06	
285	876.52	921.85	
290	896.57	942.86	
295	927.53	975.32	
300	969.70	1019.54	
305	1022.50	1074.91	
310	1084.61	1140.05	
315	1154.15	1212.99	
320	1228.97	1291.48	
325	1306.81	1373.15	
330	1385.51	1455.73	
335	1463.08	1537.13	
340	1537.78	1615.52	
345	1608.18	1689.41	
350	1673.17	1757.61	
355	1731.96	1819.32	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission