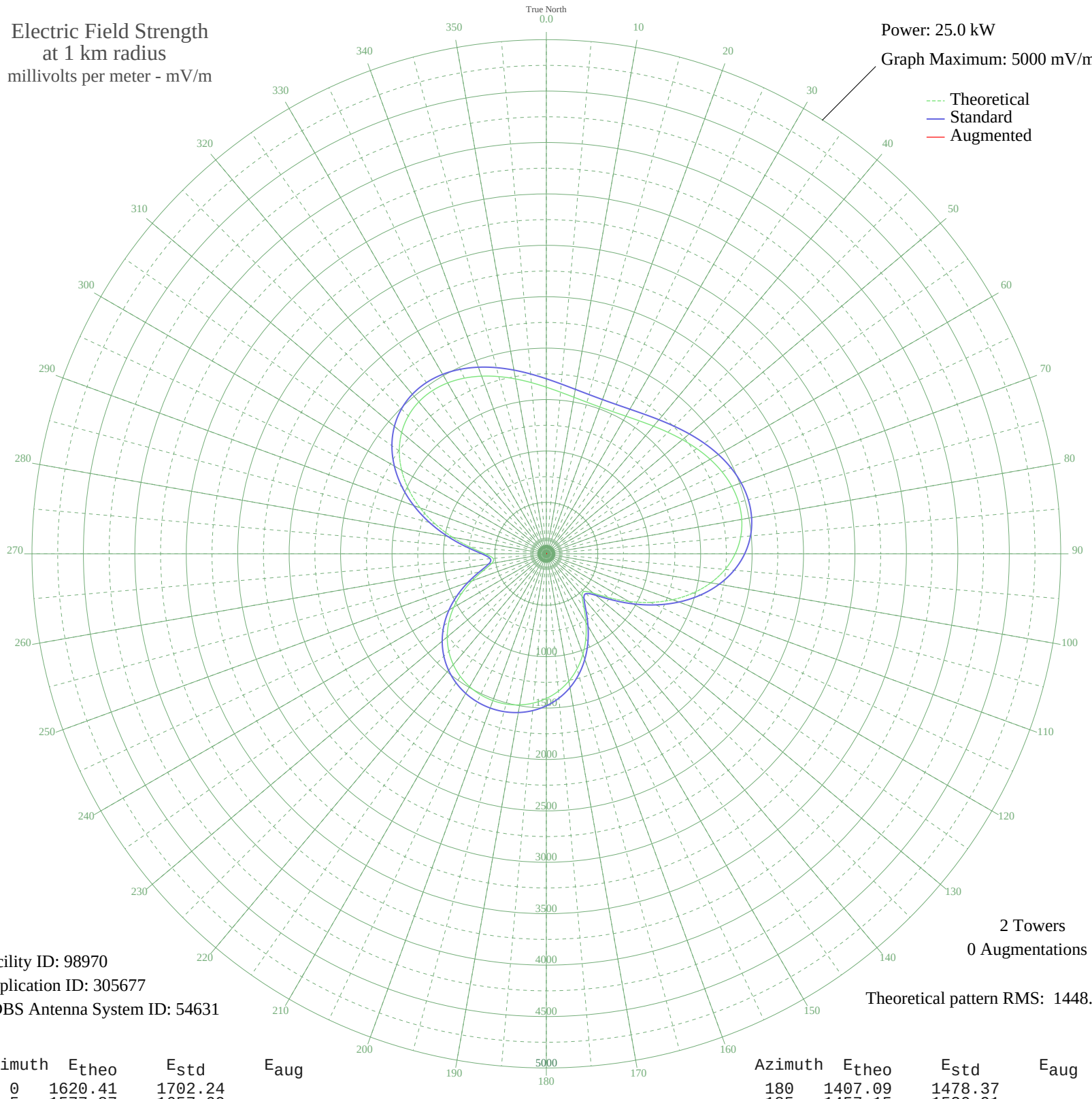
CJYQ ST. JOHN'S, NF Canada -- 930 kHz

Nighttime



Facility ID: 98970
Application ID: 305677
CDBS Antenna System ID: 54631

2 Towers
0 Augmentations

Theoretical pattern RMS: 1448.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1620.41	1702.24	
5	1577.87	1657.60	
10	1545.86	1624.00	
15	1526.01	1603.17	
20	1519.28	1596.11	
25	1526.01	1603.17	
30	1545.86	1624.00	
35	1577.87	1657.60	
40	1620.41	1702.24	
45	1671.12	1755.47	
50	1726.96	1814.07	
55	1784.19	1874.13	
60	1838.47	1931.11	
65	1885.03	1979.98	
70	1918.86	2015.48	
75	1934.99	2032.42	
80	1928.87	2025.99	
85	1896.67	1992.19	
90	1835.67	1928.17	
95	1744.61	1832.59	
100	1623.92	1705.92	
105	1475.95	1550.64	
110	1305.20	1371.46	
115	1118.55	1175.65	
120	926.14	973.86	
125	743.32	782.25	
130	595.09	627.04	
135	518.52	546.97	
140	539.65	569.06	
145	637.25	671.17	
150	769.41	809.58	
155	908.11	954.96	
160	1039.40	1092.63	
165	1156.77	1215.74	
170	1257.48	1321.40	
175	1340.81	1408.83	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1407.09	1478.37	
185	1457.15	1530.91	
190	1492.00	1567.48	
195	1512.51	1589.01	
200	1519.28	1596.11	
205	1512.51	1589.01	
210	1492.00	1567.48	
215	1457.15	1530.91	
220	1407.08	1478.37	
225	1340.81	1408.83	
230	1257.48	1321.40	
235	1156.77	1215.74	
240	1039.40	1092.63	
245	908.11	954.96	
250	769.40	809.58	
255	637.25	671.17	
260	539.65	569.06	
265	518.52	546.97	
270	595.09	627.05	
275	743.32	782.25	
280	926.14	973.86	
285	1118.55	1175.65	
290	1305.20	1371.46	
295	1475.96	1550.64	
300	1623.92	1705.92	
305	1744.61	1832.59	
310	1835.67	1928.17	
315	1896.67	1992.19	
320	1928.87	2025.99	
325	1934.99	2032.42	
330	1918.86	2015.48	
335	1885.03	1979.98	
340	1838.47	1931.11	
345	1784.19	1874.13	
350	1726.96	1814.07	
355	1671.12	1755.46	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission