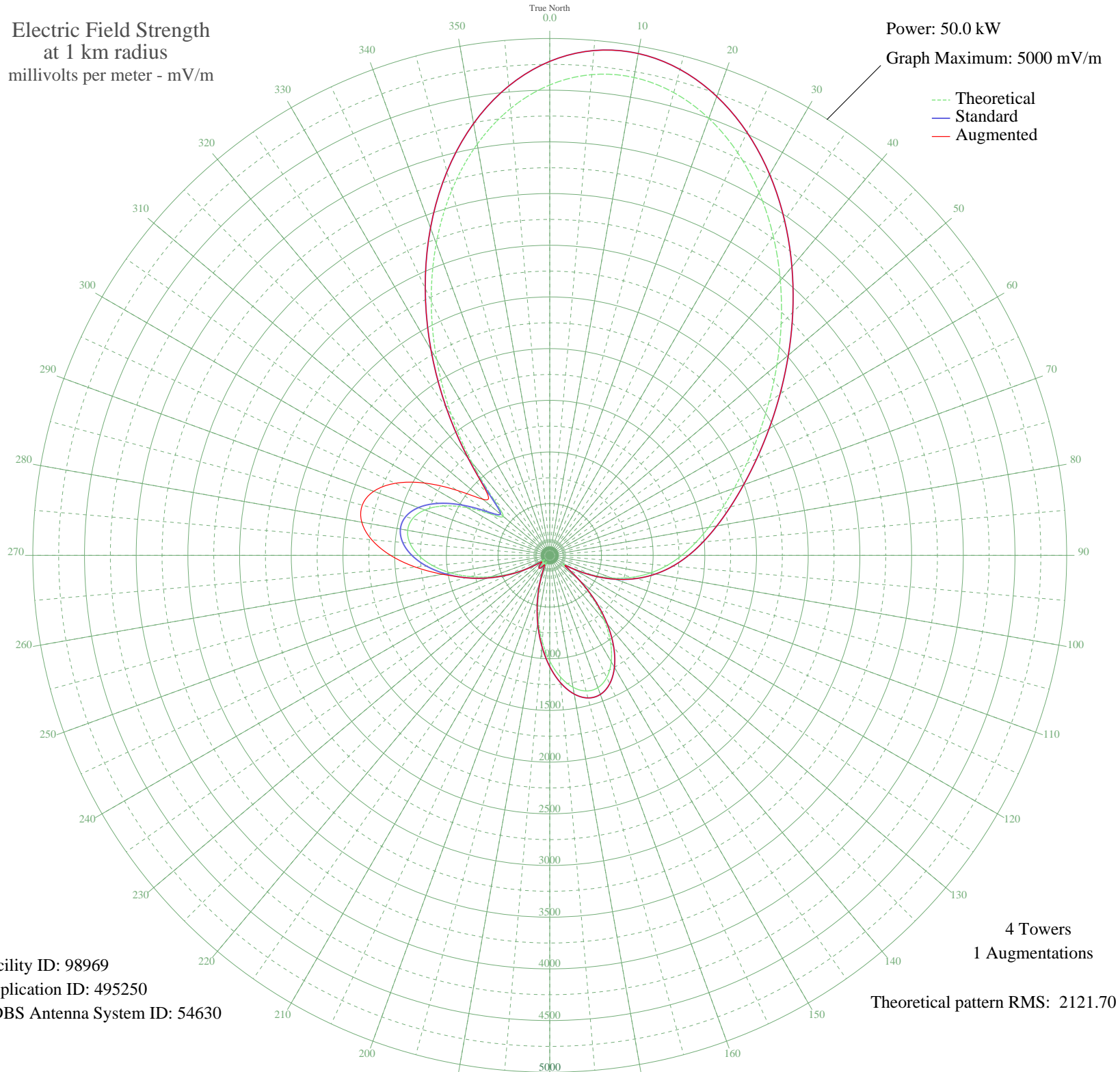


CFBC SAINT JOHN, NB Canada -- 930 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 98969
Application ID: 495250
CDBS Antenna System ID: 54630

4 Towers
1 Augmentations

Theoretical pattern RMS: 2121.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4550.73	4778.84	4778.84
5	4668.43	4902.41	4902.41
10	4694.44	4929.72	4929.72
15	4634.64	4866.94	4866.94
20	4498.78	4724.30	4724.30
25	4299.50	4515.08	4515.08
30	4051.36	4254.58	4254.58
35	3769.73	3958.92	3958.92
40	3469.74	3643.99	3643.99
45	3165.33	3324.42	3324.42
50	2868.44	3012.77	3012.77
55	2588.45	2718.89	2718.89
60	2331.79	2449.51	2449.51
65	2101.79	2208.12	2208.12
70	1898.73	1995.05	1995.05
75	1720.21	1807.75	1807.75
80	1561.55	1641.31	1641.31
85	1416.36	1489.03	1489.03
90	1277.21	1343.12	1343.12
95	1136.35	1195.47	1195.47
100	986.49	1038.47	1038.47
105	821.70	865.98	865.98
110	638.52	674.55	674.55
115	438.04	465.90	465.90
120	236.08	258.76	258.76
125	164.42	187.93	187.93
130	352.32	377.31	377.31
135	589.02	622.91	622.91
140	819.27	863.43	863.43
145	1024.06	1077.82	1077.82
150	1189.41	1251.08	1251.08
155	1304.38	1371.61	1371.61
160	1361.66	1431.67	1431.67
165	1358.19	1428.03	1428.03
170	1295.62	1362.42	1362.42
175	1180.17	1241.40	1241.40

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1022.13	1075.80	1075.80
185	834.87	879.76	879.76
190	633.71	669.53	669.53
195	434.70	462.44	462.44
200	254.06	276.90	276.90
205	112.12	139.19	139.19
210	72.85	106.60	106.60
215	118.57	144.96	144.96
220	136.32	161.24	161.24
225	112.02	139.10	139.10
230	65.13	100.94	100.94
235	114.25	141.08	141.08
240	251.46	274.27	274.27
245	420.27	447.49	447.49
250	604.97	639.54	639.54
255	793.66	836.64	836.64
260	974.76	1026.19	1053.12
265	1136.69	1195.83	1303.46
270	1267.97	1333.44	1539.58
275	1357.58	1427.39	1728.24
280	1395.42	1467.07	1846.18
285	1373.10	1443.66	1877.24
290	1285.13	1351.42	1812.12
295	1131.22	1190.10	1649.51
300	921.89	970.83	1399.95
305	697.47	736.09	1097.95
310	587.49	621.31	844.41
315	768.42	810.25	862.19
320	1168.60	1229.27	1229.27
325	1661.52	1746.18	1746.18
330	2187.73	2298.32	2298.32
335	2712.81	2849.42	2849.42
340	3210.46	3371.81	3371.81
345	3658.76	3842.41	3842.41
350	4039.77	4242.41	4242.41
355	4339.98	4557.58	4557.58

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission