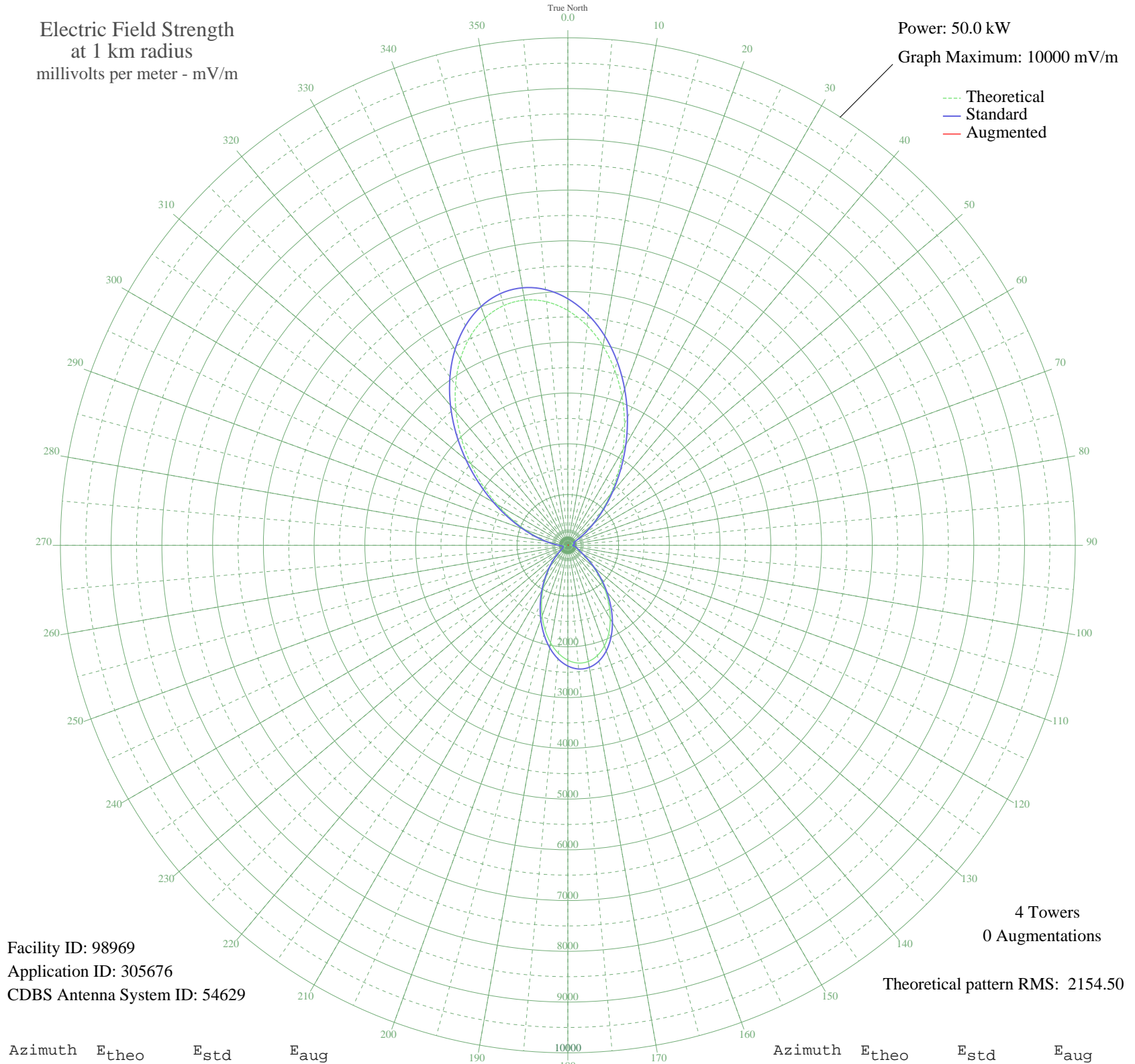


CFBC SAINT JOHN, NB Canada -- 930 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 98969
Application ID: 305676
CDBS Antenna System ID: 54629

4 Towers
0 Augmentations

Theoretical pattern RMS: 2154.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4627.02	4858.94	
5	4345.98	4563.88	
10	3988.69	4188.79	
15	3572.94	3752.32	
20	3118.41	3275.18	
25	2645.44	2778.70	
30	2173.72	2283.61	
35	1721.25	1808.83	
40	1303.52	1370.70	
45	932.93	982.39	
50	618.66	653.82	
55	367.08	392.52	
60	184.56	207.53	
65	91.88	121.73	
70	99.54	128.21	
75	115.49	142.19	
80	105.11	133.02	
85	74.47	107.82	
90	49.25	90.48	
95	72.15	106.07	
100	115.24	141.97	
105	153.17	177.14	
110	185.78	208.72	
115	230.46	253.12	
120	314.19	338.15	
125	452.46	480.85	
130	643.34	679.57	
135	876.20	923.00	
140	1136.69	1195.83	
145	1408.07	1480.34	
150	1672.27	1757.46	
155	1911.13	2008.06	
160	2107.89	2214.53	
165	2248.72	2362.33	
170	2323.91	2441.24	
175	2328.75	2446.32	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2263.85	2378.20	
185	2134.92	2242.90	
190	1952.11	2051.06	
195	1728.84	1816.79	
200	1480.50	1556.30	
205	1223.00	1286.30	
210	971.41	1022.68	
215	738.79	779.27	
220	535.31	566.96	
225	367.76	393.22	
230	239.31	262.02	
235	149.47	173.62	
240	93.94	123.46	
245	64.46	100.47	
250	51.60	91.91	
255	50.54	91.26	
260	61.90	98.68	
265	91.79	121.66	
270	152.03	176.05	
275	254.61	277.46	
280	408.67	435.48	
285	620.27	655.50	
290	892.16	939.71	
295	1223.18	1286.49	
300	1607.87	1689.90	
305	2036.31	2139.42	
310	2494.36	2620.13	
315	2964.26	3113.36	
320	3425.68	3597.73	
325	3856.98	4050.51	
330	4236.80	4449.26	
335	4545.58	4773.43	
340	4767.05	5005.95	
345	4889.45	5134.46	
350	4906.40	5152.25	
355	4817.24	5058.64	

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission