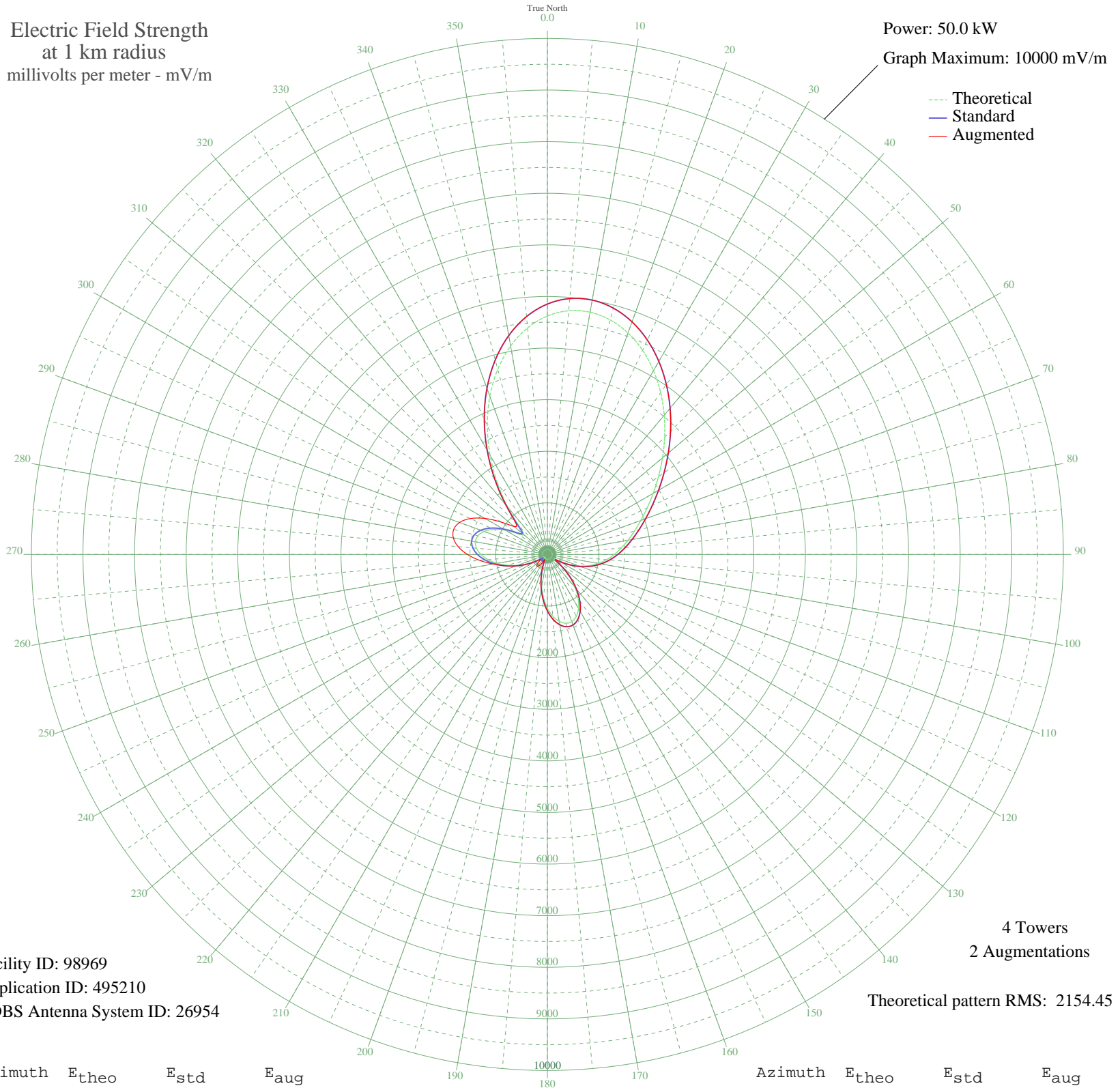


# CFBC SAINT JOHN, NB Canada -- 930 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 98969  
Application ID: 495210  
CDBS Antenna System ID: 26954

4 Towers  
2 Augmentations

Theoretical pattern RMS: 2154.45

Azimuth	Etheo	Estd	Eaug
0	4620.97	4852.59	4852.59
5	4740.49	4978.07	4978.07
10	4766.90	5005.80	5005.80
15	4706.18	4942.05	4942.05
20	4568.22	4797.20	4797.20
25	4365.86	4584.76	4584.76
30	4113.90	4320.23	4320.23
35	3827.92	4020.00	4020.00
40	3523.30	3700.21	3700.21
45	3214.18	3375.71	3375.71
50	2912.71	3059.25	3059.25
55	2628.41	2760.83	2760.83
60	2367.79	2487.29	2487.29
65	2134.23	2242.17	2242.17
70	1928.04	2025.80	2025.80
75	1746.77	1835.61	1835.61
80	1585.65	1666.59	1666.59
85	1438.22	1511.95	1511.95
90	1296.92	1363.79	1363.79
95	1153.89	1213.85	1213.85
100	1001.72	1054.42	1054.42
105	834.39	879.25	879.25
110	648.38	684.83	684.83
115	444.81	472.91	472.91
120	239.72	262.43	262.43
125	166.96	190.38	190.38
130	357.76	382.91	382.91
135	598.11	632.39	632.39
140	831.92	876.66	876.66
145	1039.87	1094.38	1094.38
150	1207.77	1270.33	1270.33
155	1324.52	1392.72	1392.72
160	1382.67	1453.71	1453.71
165	1379.15	1450.01	1450.01
170	1315.62	1383.39	1383.39
175	1198.39	1260.50	1260.50

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

Azimuth	Etheo	Estd	Eaug
180	1037.91	1092.33	1092.33
185	847.76	893.24	893.24
190	643.49	679.73	679.73
195	441.41	469.39	469.39
200	257.98	280.87	280.87
205	113.85	140.73	140.73
210	73.97	107.45	145.06
215	120.40	146.61	245.44
220	138.42	163.21	298.35
225	113.75	140.64	281.35
230	66.14	101.66	206.78
235	116.01	142.66	160.67
240	255.34	278.20	278.20
245	426.76	454.21	454.21
250	614.31	649.28	649.28
255	805.91	849.46	849.46
260	989.81	1041.95	1067.41
265	1154.23	1214.22	1316.16
270	1287.54	1353.96	1549.54
275	1378.54	1449.37	1735.22
280	1416.96	1489.66	1850.27
285	1394.29	1465.89	1878.69
290	1304.96	1372.22	1811.21
295	1148.68	1208.40	1646.55
300	936.12	985.73	1395.41
305	708.23	747.34	1093.11
310	596.56	630.77	843.46
315	780.28	822.65	871.81
320	1186.64	1248.18	1248.18
325	1687.17	1773.09	1773.09
330	2221.50	2333.76	2333.76
335	2754.69	2893.38	2893.38
340	3260.02	3423.83	3423.83
345	3715.23	3901.70	3901.70
350	4102.12	4307.87	4307.87
355	4406.97	4627.91	4627.91