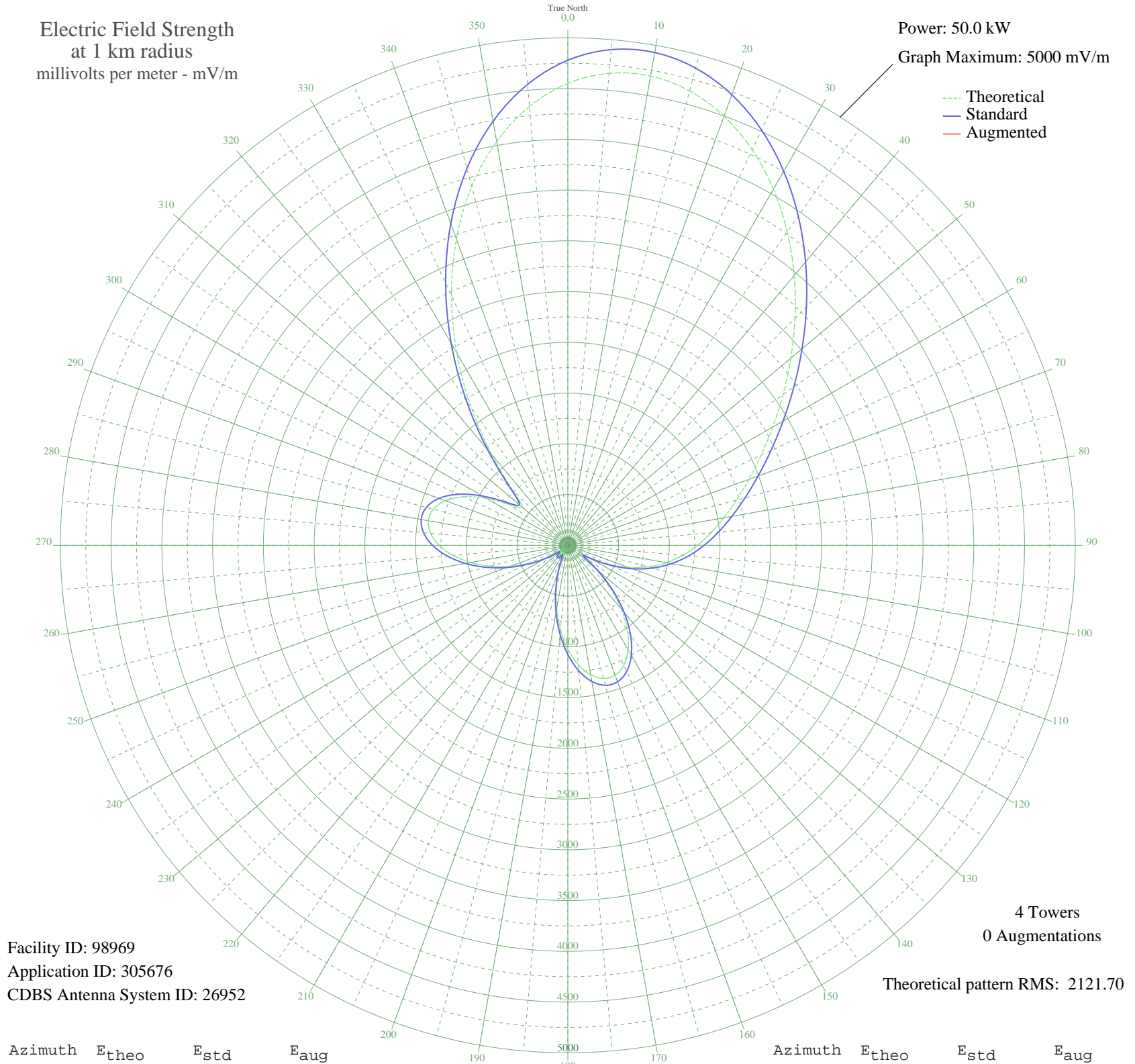


# CFBC SAINT JOHN, NB Canada -- 930 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98969  
Application ID: 305676  
CDBS Antenna System ID: 26952

4 Towers  
0 Augmentations

Theoretical pattern RMS: 2121.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4550.89	4779.01	
5	4668.57	4902.56	
10	4694.56	4929.85	
15	4634.74	4867.05	
20	4498.85	4724.38	
25	4299.55	4515.14	
30	4051.39	4254.61	
35	3769.74	3958.92	
40	3469.72	3643.96	
45	3165.28	3324.37	
50	2868.36	3012.69	
55	2588.35	2718.78	
60	2331.67	2449.38	
65	2101.64	2207.97	
70	1898.56	1994.87	
75	1720.02	1807.55	
80	1561.34	1641.09	
85	1416.13	1488.79	
90	1276.96	1342.87	
95	1136.09	1195.21	
100	986.23	1038.20	
105	821.44	865.70	
110	638.26	674.28	
115	437.79	465.64	
120	235.83	258.51	
125	164.34	187.85	
130	352.37	377.36	
135	589.06	622.95	
140	819.28	863.45	
145	1024.03	1077.80	
150	1189.34	1251.01	
155	1304.26	1371.49	
160	1361.48	1431.49	
165	1357.97	1427.80	
170	1295.35	1362.14	
175	1179.87	1241.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1021.79	1075.44	
185	834.50	879.36	
190	633.31	669.11	
195	434.28	462.00	
200	253.63	276.47	
205	111.74	138.85	
210	72.97	106.69	
215	118.91	145.27	
220	136.69	161.59	
225	112.38	139.41	
230	65.31	101.07	
235	113.99	140.85	
240	251.15	273.96	
245	419.97	447.17	
250	604.67	639.23	
255	793.38	836.35	
260	974.49	1025.91	
265	1136.43	1195.56	
270	1267.73	1333.19	
275	1357.36	1427.16	
280	1395.22	1466.86	
285	1372.92	1443.47	
290	1284.98	1351.27	
295	1131.12	1189.99	
300	921.87	970.81	
305	697.59	736.22	
310	587.84	621.68	
315	768.84	810.69	
320	1168.98	1229.68	
325	1661.86	1746.53	
330	2188.03	2298.63	
335	2713.08	2849.70	
340	3210.71	3372.06	
345	3658.98	3842.64	
350	4039.96	4242.61	
355	4340.16	4557.77	

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