

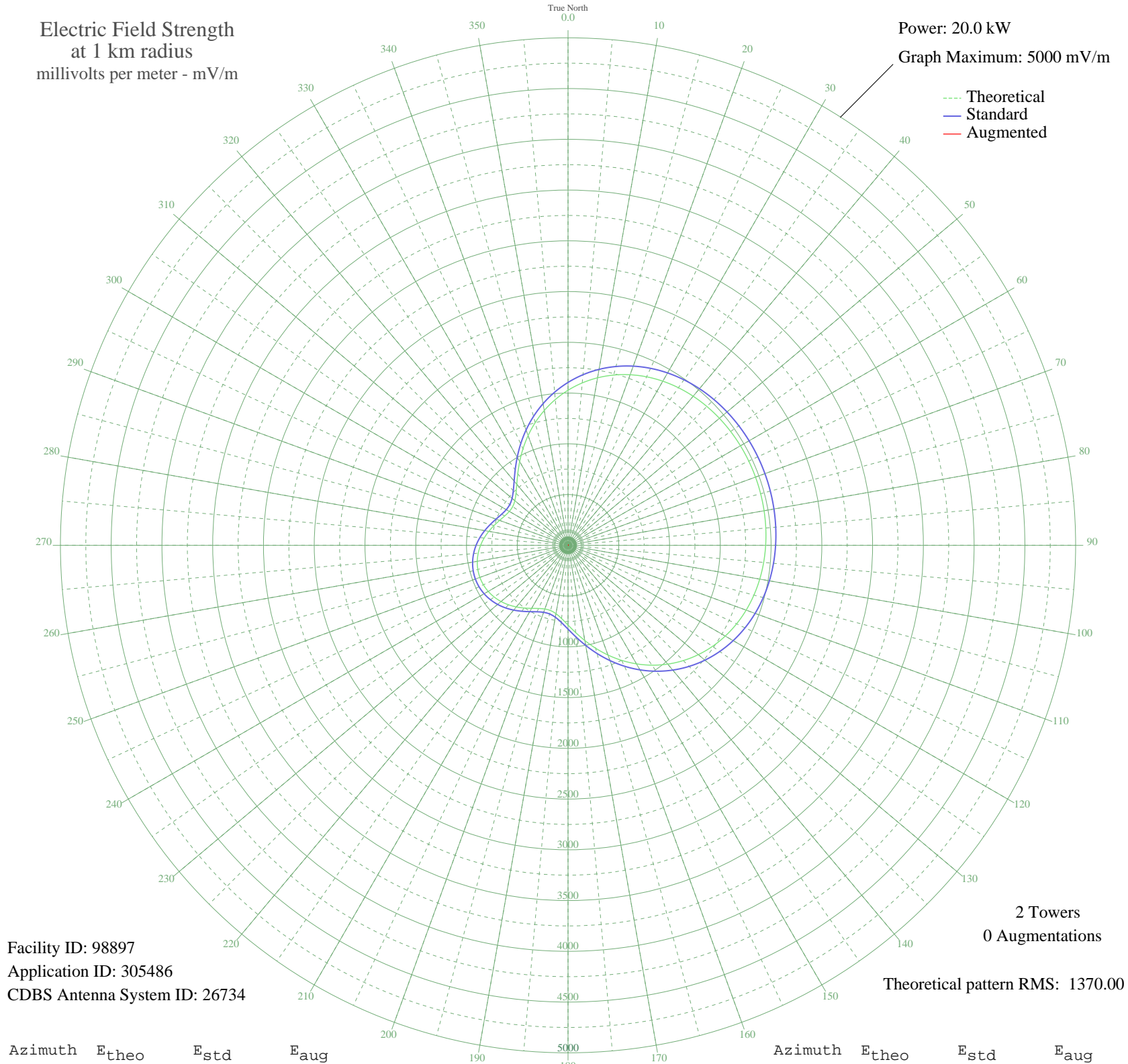
# CKCW MONCTON, NB Canada -- 840 kHz

Daytime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 98897  
Application ID: 305486  
CDBS Antenna System ID: 26734

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1370.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1527.73	1604.81	
5	1606.03	1686.98	
10	1675.70	1760.12	
15	1736.45	1823.88	
20	1788.33	1878.34	
25	1831.71	1923.87	
30	1867.18	1961.10	
35	1895.52	1990.85	
40	1917.62	2014.05	
45	1934.38	2031.65	
50	1946.69	2044.56	
55	1955.34	2053.65	
60	1961.02	2059.60	
65	1964.21	2062.95	
70	1965.24	2064.03	
75	1964.21	2062.95	
80	1961.02	2059.60	
85	1955.34	2053.65	
90	1946.69	2044.56	
95	1934.38	2031.65	
100	1917.62	2014.05	
105	1895.52	1990.85	
110	1867.18	1961.10	
115	1831.71	1923.87	
120	1788.33	1878.34	
125	1736.45	1823.88	
130	1675.71	1760.12	
135	1606.03	1686.98	
140	1527.74	1604.81	
145	1441.55	1514.36	
150	1348.67	1416.89	
155	1250.79	1314.17	
160	1150.15	1208.57	
165	1049.56	1103.03	
170	952.44	1001.17	
175	862.86	907.22	

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	785.33	825.93	
185	724.43	762.10	
190	683.92	719.65	
195	665.45	700.30	
200	667.73	702.69	
205	686.79	722.65	
210	717.28	754.61	
215	753.93	793.01	
220	792.26	833.20	
225	828.89	871.60	
230	861.37	905.66	
235	888.03	933.62	
240	907.75	954.30	
245	919.84	966.97	
250	923.90	971.23	
255	919.84	966.97	
260	907.75	954.30	
265	888.03	933.62	
270	861.37	905.66	
275	828.89	871.60	
280	792.26	833.20	
285	753.93	793.01	
290	717.28	754.61	
295	686.79	722.65	
300	667.73	702.69	
305	665.45	700.30	
310	683.92	719.65	
315	724.43	762.10	
320	785.33	825.93	
325	862.86	907.22	
330	952.44	1001.17	
335	1049.56	1103.03	
340	1150.15	1208.57	
345	1250.79	1314.17	
350	1348.67	1416.89	
355	1441.55	1514.36	