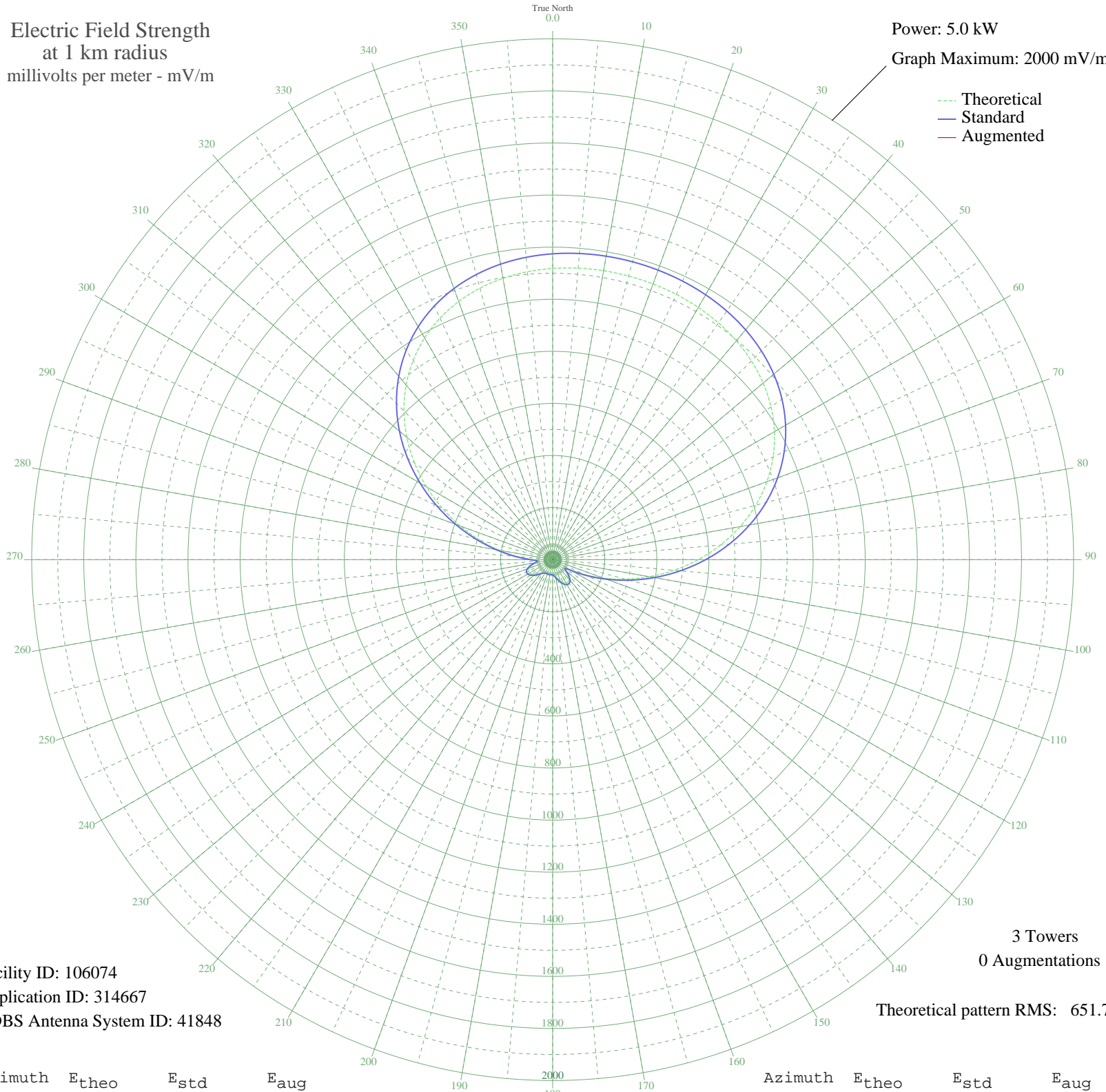


# CKCN SEPT-ILES, QC Canada -- 560 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106074  
Application ID: 314667  
CDBS Antenna System ID: 41848

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 651.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1118.28	1174.43	
5	1123.69	1180.11	
10	1126.64	1183.21	
15	1127.58	1184.19	
20	1126.64	1183.21	
25	1123.69	1180.11	
30	1118.28	1174.43	
35	1109.70	1165.42	
40	1097.02	1152.11	
45	1079.14	1133.34	
50	1054.92	1107.91	
55	1023.23	1074.64	
60	983.09	1032.51	
65	933.81	980.78	
70	875.10	919.15	
75	807.17	847.85	
80	730.81	767.71	
85	647.42	680.19	
90	558.95	587.36	
95	467.85	491.80	
100	376.92	396.46	
105	289.17	304.53	
110	207.72	219.37	
115	135.99	144.71	
120	79.20	86.41	
125	50.84	58.32	
130	60.90	68.12	
135	81.37	88.61	
140	96.37	103.87	
145	103.29	110.96	
150	102.77	110.43	
155	96.42	103.93	
160	86.31	93.61	
165	74.66	81.83	
170	63.78	70.96	
175	55.67	63.00	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	51.38	58.84	
185	50.31	57.80	
190	50.70	58.19	
195	51.03	58.50	
200	50.70	58.19	
205	50.31	57.80	
210	51.38	58.84	
215	55.67	63.00	
220	63.78	70.96	
225	74.66	81.83	
230	86.31	93.61	
235	96.42	103.93	
240	102.77	110.43	
245	103.29	110.96	
250	96.37	103.87	
255	81.37	88.61	
260	60.90	68.12	
265	50.84	58.32	
270	79.20	86.41	
275	135.99	144.71	
280	207.72	219.37	
285	289.17	304.53	
290	376.92	396.46	
295	467.85	491.80	
300	558.95	587.36	
305	647.42	680.19	
310	730.81	767.71	
315	807.17	847.85	
320	875.10	919.15	
325	933.81	980.78	
330	983.09	1032.51	
335	1023.23	1074.64	
340	1054.92	1107.92	
345	1079.14	1133.34	
350	1097.02	1152.11	
355	1109.70	1165.42	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission