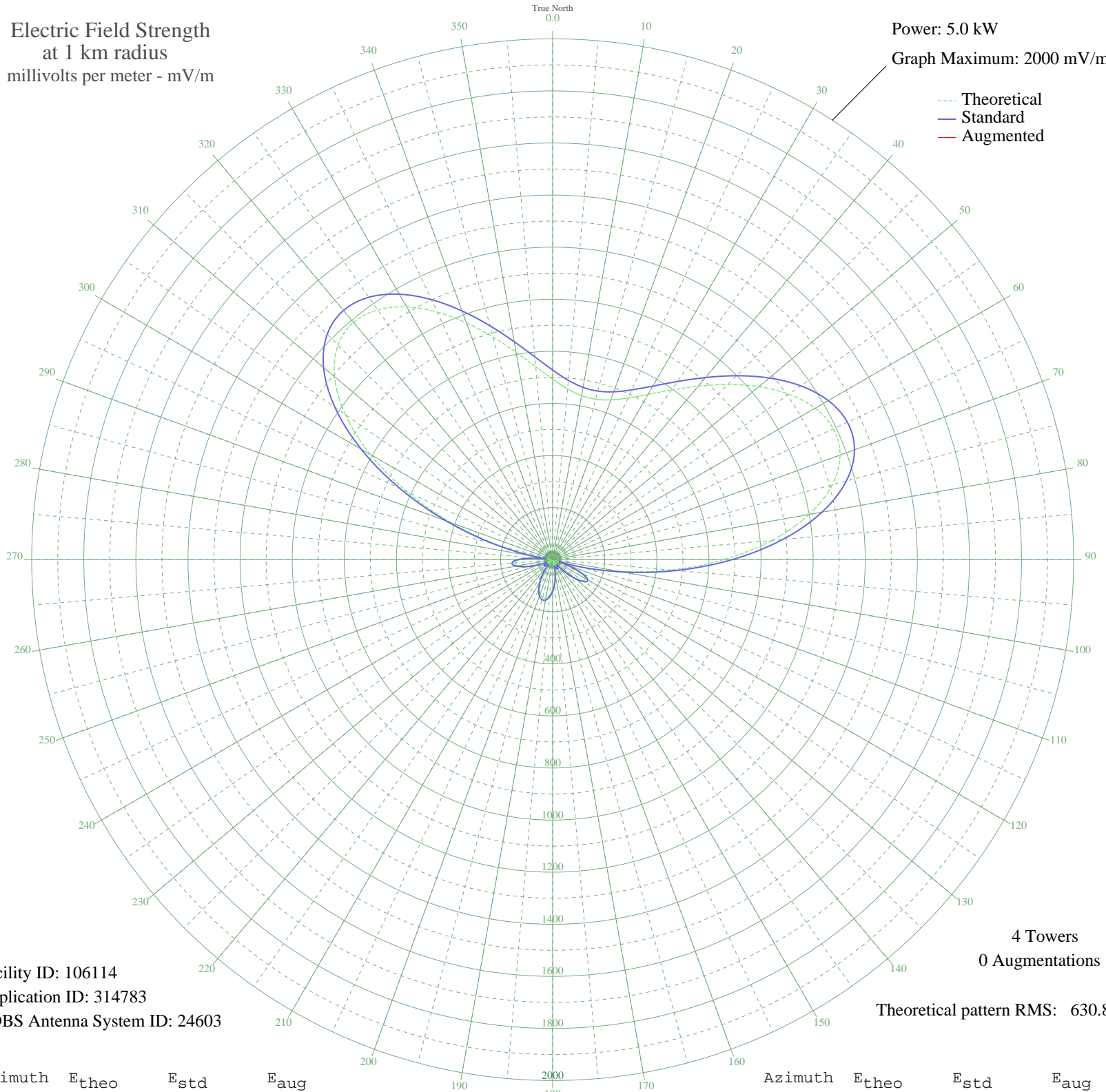


# CKOY TIMMINS, ON Canada -- 620 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106114  
Application ID: 314783  
CDBS Antenna System ID: 24603

4 Towers  
0 Augmentations

Theoretical pattern RMS: 630.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	693.10	728.13	
5	658.01	691.31	
10	639.48	671.87	
15	637.79	670.09	
20	652.97	686.02	
25	684.78	719.41	
30	732.59	769.57	
35	794.95	835.03	
40	869.19	912.95	
45	950.85	998.67	
50	1033.33	1085.25	
55	1107.75	1163.38	
60	1163.45	1221.85	
65	1189.03	1248.70	
70	1174.12	1233.05	
75	1111.61	1167.42	
80	999.75	1049.99	
85	843.71	886.20	
90	655.76	688.95	
95	453.89	477.16	
100	258.82	272.77	
105	90.22	97.59	
110	37.08	45.47	
115	115.77	123.80	
120	146.88	156.00	
125	138.82	147.64	
130	104.72	112.43	
135	59.26	66.51	
140	15.67	28.67	
145	16.38	29.10	
150	31.70	40.74	
155	29.37	38.76	
160	11.80	26.55	
165	16.53	29.20	
170	50.32	57.81	
175	84.34	91.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	114.16	122.14	
185	136.33	145.06	
190	148.58	157.76	
195	149.71	158.94	
200	139.63	148.48	
205	119.29	127.44	
210	90.77	98.16	
215	57.26	64.54	
220	23.03	33.70	
225	6.83	24.55	
230	26.96	36.77	
235	32.61	41.52	
240	20.87	32.12	
245	8.11	24.97	
250	50.02	57.53	
255	96.07	103.57	
260	133.61	142.24	
265	148.03	157.20	
270	125.62	133.97	
275	56.80	64.09	
280	61.10	68.32	
285	222.41	234.71	
290	413.66	434.98	
295	615.85	647.07	
300	808.16	848.89	
305	971.78	1020.64	
310	1093.12	1148.02	
315	1165.58	1224.08	
320	1189.58	1249.28	
325	1171.34	1230.13	
330	1120.76	1177.03	
335	1049.18	1101.89	
340	967.53	1016.18	
345	885.10	929.66	
350	808.96	849.73	
355	743.96	781.51	

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