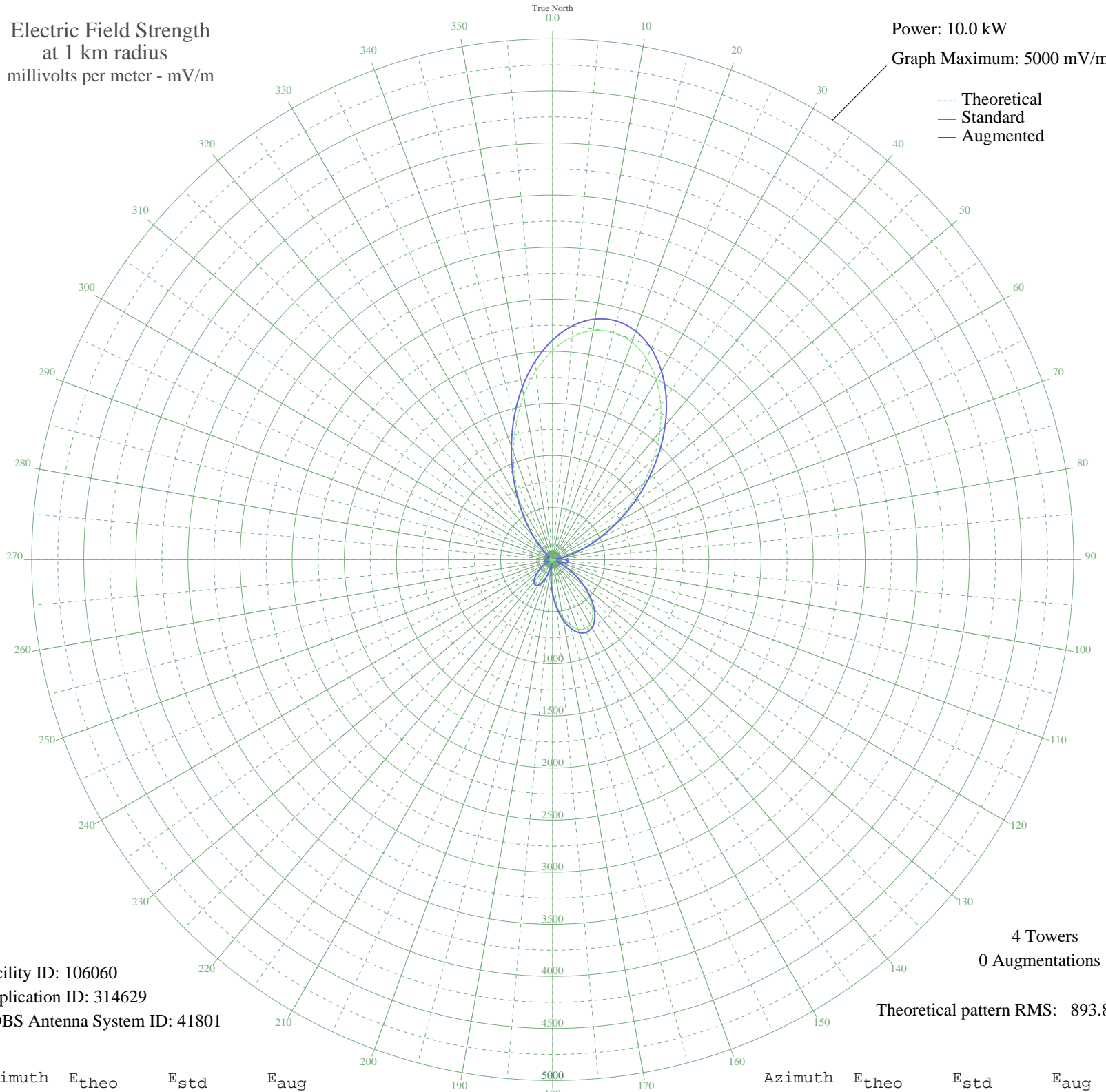


CHIC CHICOUTIMI, QC Canada -- 540 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 106060
Application ID: 314629
CDBS Antenna System ID: 41801

4 Towers
0 Augmentations

Theoretical pattern RMS: 893.89

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2008.44	2109.13	
5	2148.28	2255.94	
10	2232.68	2344.55	
15	2257.28	2370.38	
20	2221.88	2333.21	
25	2130.21	2236.96	
30	1989.28	2089.01	
35	1808.54	1899.26	
40	1598.80	1679.07	
45	1371.32	1440.27	
50	1136.94	1194.25	
55	905.48	951.33	
60	685.36	720.39	
65	483.45	508.70	
70	305.04	322.00	
75	153.99	165.06	
80	32.92	47.93	
85	56.62	68.10	
90	114.00	124.22	
95	139.35	150.04	
100	133.65	144.20	
105	98.67	108.79	
110	37.17	51.24	
115	47.00	59.48	
120	148.81	159.74	
125	261.93	277.02	
130	378.92	399.25	
135	491.45	517.09	
140	590.81	621.24	
145	668.59	702.80	
150	717.47	754.08	
155	732.14	769.46	
160	709.96	746.20	
165	651.53	684.92	
170	560.80	589.77	
175	444.76	468.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	312.79	330.10	
185	175.55	187.29	
190	43.81	56.74	
195	72.75	83.29	
200	166.59	178.04	
205	232.90	246.79	
210	269.96	285.39	
215	278.90	294.72	
220	263.32	278.48	
225	228.56	242.27	
230	180.91	192.83	
235	126.90	137.32	
240	72.66	83.20	
245	23.40	41.31	
250	16.82	37.61	
255	45.34	58.04	
260	60.82	71.98	
265	63.31	74.31	
270	54.08	65.78	
275	35.60	50.00	
280	11.40	35.30	
285	13.99	36.31	
290	35.19	49.68	
295	46.15	58.75	
300	40.43	53.90	
305	11.59	35.36	
310	46.27	58.84	
315	137.86	148.52	
320	266.02	281.29	
325	431.03	453.80	
330	630.08	662.42	
335	857.04	900.50	
340	1102.53	1158.13	
345	1354.46	1422.57	
350	1598.93	1679.21	
355	1821.48	1912.85	

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