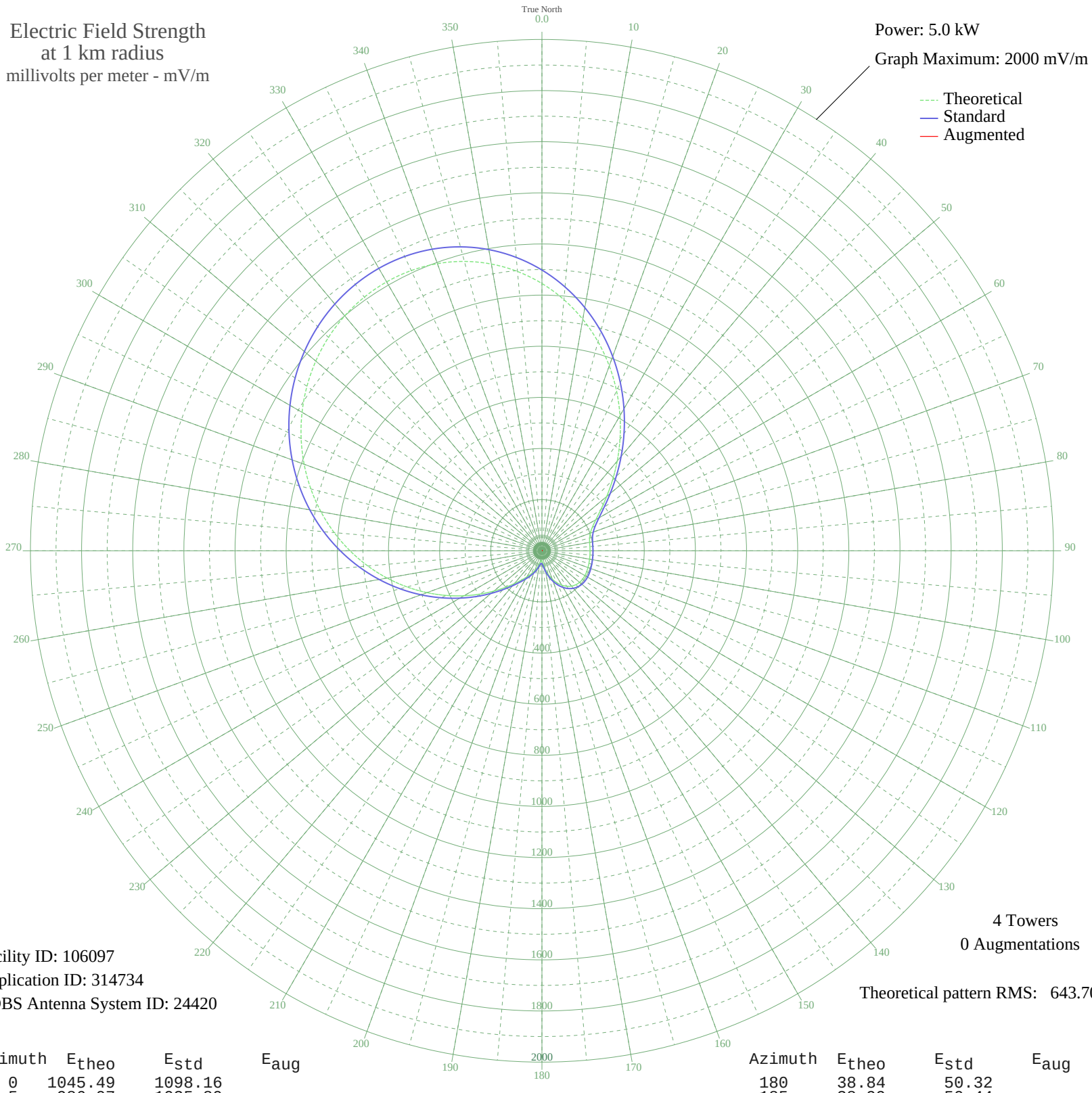
CKRS JONQUIERE, QC Canada -- 590 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 106097
Application ID: 314734
CDBS Antenna System ID: 24420

Theoretical pattern RMS: 643.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1045.49	1098.16	
5	986.07	1035.80	
10	919.38	965.80	
15	846.73	889.56	
20	769.73	808.75	
25	690.23	725.34	
30	610.29	641.48	
35	532.10	559.48	
40	457.94	481.74	
45	390.04	410.60	
50	330.56	348.33	
55	281.32	296.85	
60	243.56	257.43	
65	217.36	230.12	
70	201.36	213.47	
75	192.98	204.76	
80	189.34	200.98	
85	188.13	199.73	
90	187.99	199.58	
95	188.33	199.93	
100	189.03	200.65	
105	190.12	201.79	
110	191.54	203.27	
115	193.03	204.81	
120	194.06	205.88	
125	193.97	205.79	
130	192.04	203.79	
135	187.61	199.18	
140	180.16	191.45	
145	169.37	180.26	
150	155.18	165.58	
155	137.78	147.64	
160	117.69	127.04	
165	95.74	104.76	
170	73.28	82.39	
175	52.65	62.65	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	38.84	50.32	
185	38.99	50.44	
190	50.94	61.07	
195	66.77	76.05	
200	83.08	92.08	
205	99.65	108.70	
210	117.83	127.18	
215	139.73	149.65	
220	167.47	178.30	
225	202.46	214.62	
230	245.17	259.11	
235	295.21	311.37	
240	351.64	370.40	
245	413.21	434.87	
250	478.53	503.32	
255	546.19	574.25	
260	614.85	646.26	
265	683.29	718.06	
270	750.43	788.51	
275	815.35	856.62	
280	877.25	921.58	
285	935.49	982.71	
290	989.52	1039.42	
295	1038.86	1091.20	
300	1083.07	1137.61	
305	1121.71	1178.17	
310	1154.33	1212.40	
315	1180.44	1239.81	
320	1199.53	1259.85	
325	1211.07	1271.96	
330	1214.52	1275.58	
335	1209.37	1270.18	
340	1195.22	1255.32	
345	1171.75	1230.69	
350	1138.86	1196.17	
355	1096.65	1151.86	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission