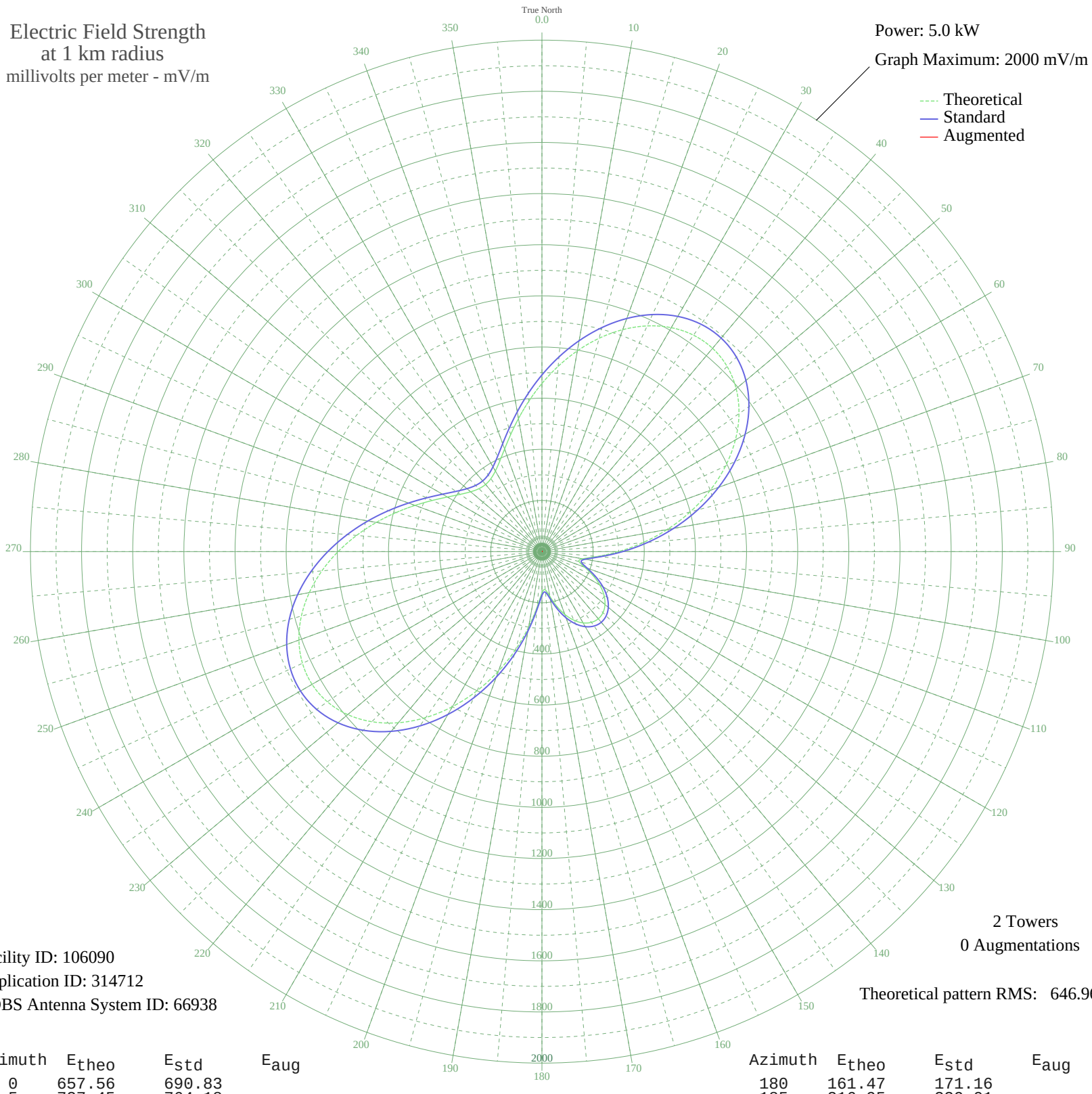
CHLC HAUTERIVE, QC Canada -- 580 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 106090
Application ID: 314712
CDBS Antenna System ID: 66938

Theoretical pattern RMS: 646.96

Azimuth	E_{theo}	E_{std}	E_{aug}
0	657.56	690.83	
5	727.45	764.18	
10	797.20	837.39	
15	863.69	907.18	
20	923.66	970.13	
25	973.85	1022.81	
30	1011.25	1062.07	
35	1033.25	1085.17	
40	1037.91	1090.05	
45	1024.04	1075.50	
50	991.39	1041.22	
55	940.65	987.96	
60	873.42	917.39	
65	792.13	832.07	
70	699.87	735.24	
75	600.25	630.70	
80	497.23	522.62	
85	395.19	415.61	
90	299.28	315.12	
95	216.96	229.01	
100	161.47	171.16	
105	149.96	159.20	
110	177.51	187.86	
115	219.65	231.82	
120	261.18	275.24	
125	296.04	311.72	
130	321.82	338.72	
135	337.55	355.20	
140	342.82	360.73	
145	337.55	355.20	
150	321.82	338.73	
155	296.04	311.72	
160	261.18	275.24	
165	219.65	231.82	
170	177.51	187.86	
175	149.96	159.20	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	161.47	171.16	
185	216.95	229.01	
190	299.28	315.12	
195	395.19	415.61	
200	497.23	522.62	
205	600.24	630.69	
210	699.87	735.24	
215	792.13	832.06	
220	873.42	917.39	
225	940.65	987.96	
230	991.39	1041.22	
235	1024.04	1075.50	
240	1037.91	1090.05	
245	1033.25	1085.17	
250	1011.25	1062.07	
255	973.85	1022.81	
260	923.66	970.13	
265	863.69	907.18	
270	797.20	837.39	
275	727.45	764.19	
280	657.56	690.83	
285	590.35	620.31	
290	528.27	555.18	
295	473.31	497.53	
300	427.00	448.96	
305	390.35	410.54	
310	363.97	382.89	
315	348.11	366.27	
320	342.82	360.73	
325	348.11	366.27	
330	363.97	382.89	
335	390.35	410.54	
340	427.00	448.96	
345	473.31	497.53	
350	528.27	555.18	
355	590.35	620.31	

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
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