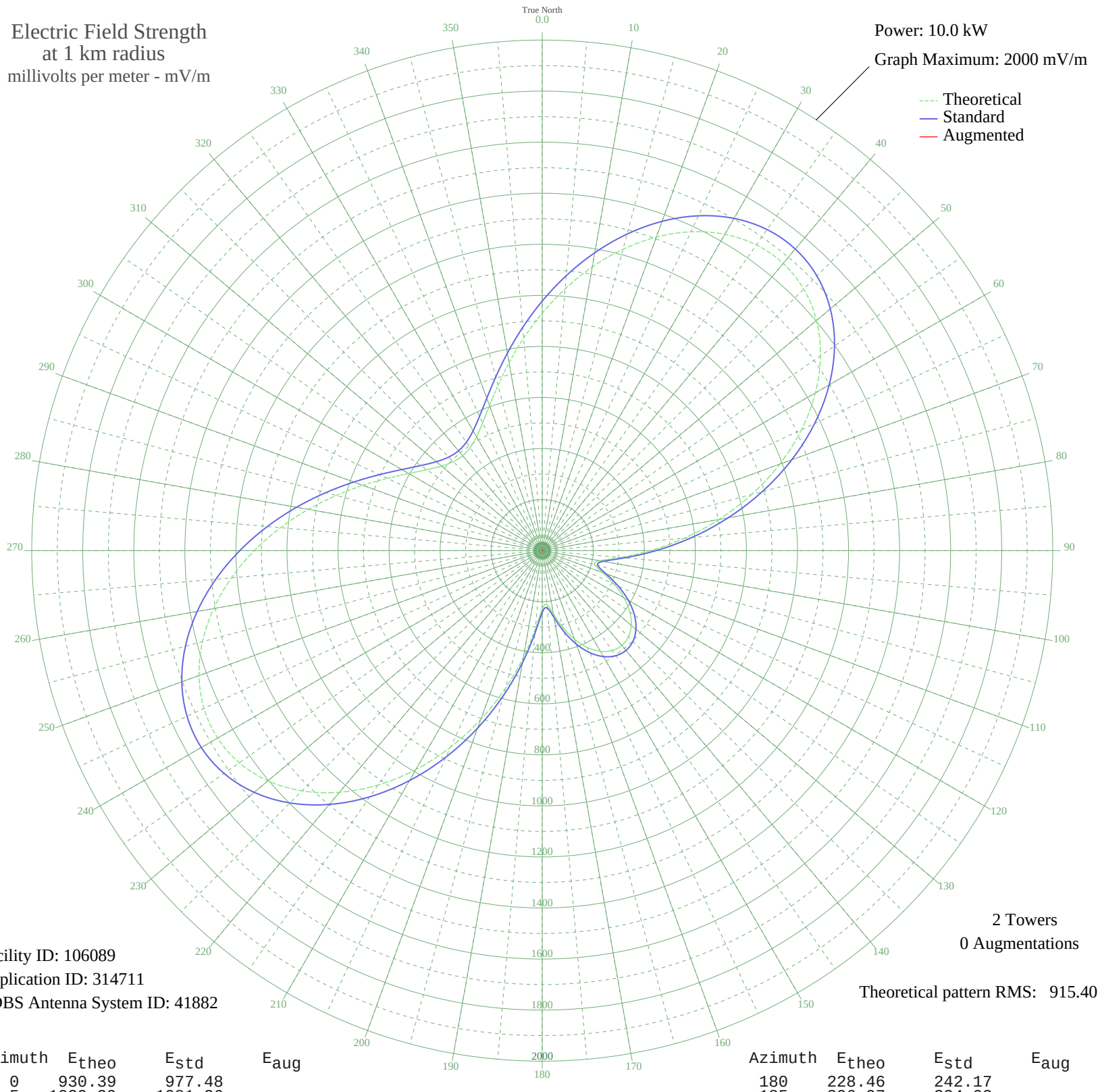
CHLC BAIE COMEAU, QC Canada -- 580 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 106089
Application ID: 314711
CDBS Antenna System ID: 41882

Theoretical pattern RMS: 915.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	930.39	977.48	
5	1029.29	1081.26	
10	1127.98	1184.85	
15	1222.06	1283.59	
20	1306.91	1372.65	
25	1377.93	1447.20	
30	1430.84	1502.75	
35	1461.97	1535.43	
40	1468.56	1542.34	
45	1448.94	1521.75	
50	1402.74	1473.25	
55	1330.95	1397.89	
60	1235.82	1298.04	
65	1120.80	1177.31	
70	990.26	1040.31	
75	849.30	892.39	
80	703.54	739.47	
85	559.16	588.06	
90	423.46	445.88	
95	306.98	324.03	
100	228.46	242.17	
105	212.19	225.26	
110	251.16	265.80	
115	310.79	328.01	
120	369.55	389.45	
125	418.87	441.06	
130	455.35	479.27	
135	477.60	502.58	
140	485.07	510.41	
145	477.60	502.58	
150	455.35	479.27	
155	418.87	441.06	
160	369.55	389.45	
165	310.79	328.01	
170	251.16	265.80	
175	212.19	225.26	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	228.46	242.17	
185	306.97	324.03	
190	423.46	445.87	
195	559.16	588.06	
200	703.54	739.47	
205	849.30	892.38	
210	990.26	1040.30	
215	1120.80	1177.31	
220	1235.82	1298.04	
225	1330.95	1397.89	
230	1402.74	1473.25	
235	1448.94	1521.75	
240	1468.56	1542.34	
245	1461.98	1535.43	
250	1430.84	1502.75	
255	1377.93	1447.20	
260	1306.91	1372.66	
265	1222.06	1283.60	
270	1127.98	1184.85	
275	1029.29	1081.26	
280	930.40	977.48	
285	835.30	877.69	
290	747.46	785.54	
295	669.70	703.97	
300	604.17	635.24	
305	552.32	580.88	
310	514.99	541.76	
315	492.55	518.24	
320	485.07	510.41	
325	492.55	518.24	
330	514.99	541.76	
335	552.32	580.88	
340	604.17	635.24	
345	669.70	703.97	
350	747.46	785.54	
355	835.30	877.69	

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.

02 Feb 2010

Prepared by Audio Division, Media Bureau
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