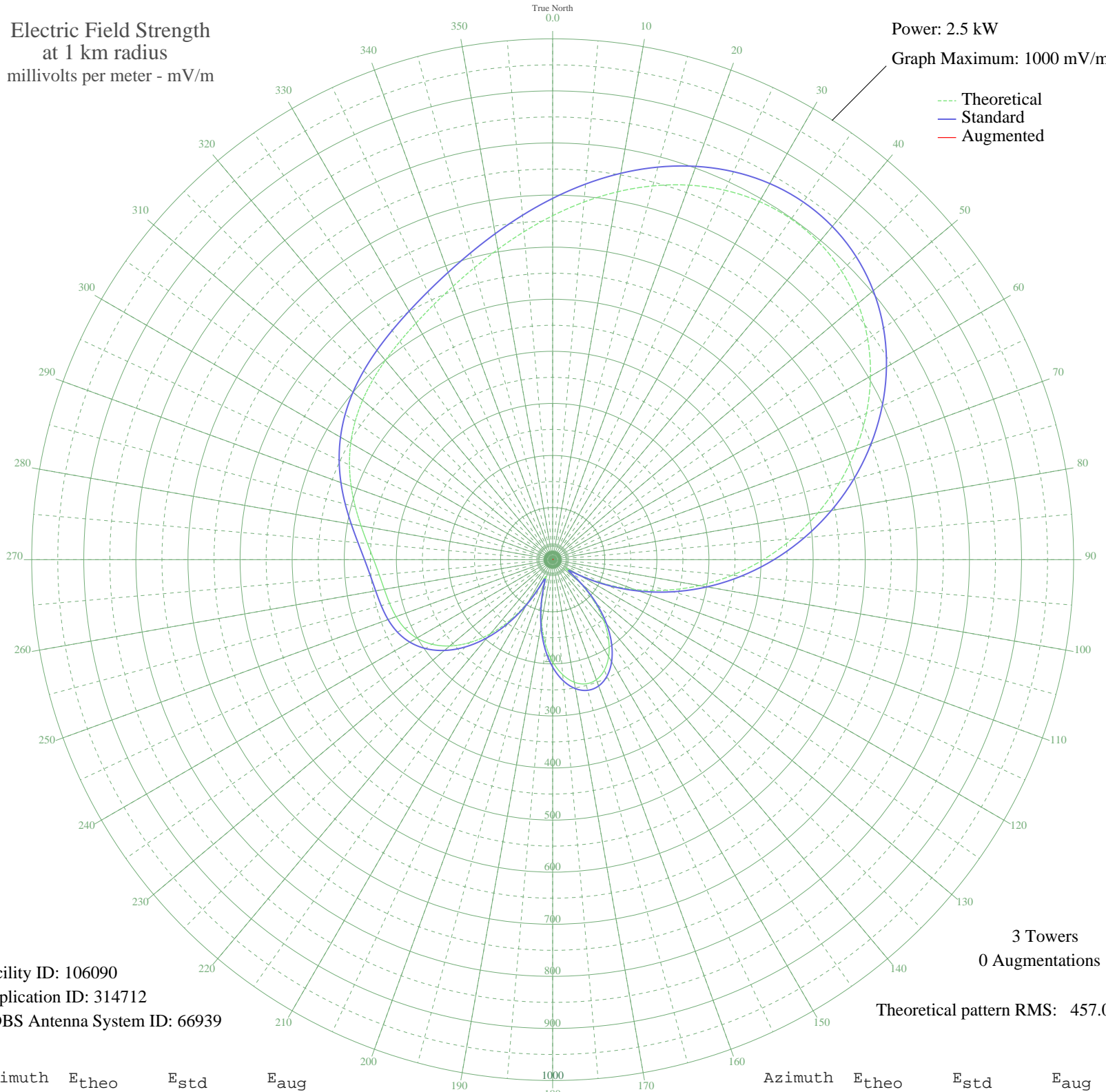


# CHLC HAUTERIVE, QC Canada -- 580 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 106090  
Application ID: 314712  
CDBS Antenna System ID: 66939

3 Towers  
0 Augmentations

Theoretical pattern RMS: 457.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	660.39	693.61	
5	689.22	723.87	
10	717.18	753.22	
15	742.94	780.26	
20	765.15	803.58	
25	782.52	821.82	
30	793.91	833.77	
35	798.36	838.44	
40	795.19	835.11	
45	784.06	823.43	
50	764.96	803.38	
55	738.23	775.32	
60	704.47	739.88	
65	664.54	697.96	
70	619.36	650.54	
75	569.90	598.63	
80	517.08	543.19	
85	461.67	485.04	
90	404.35	424.89	
95	345.67	363.34	
100	286.17	300.94	
105	226.40	238.30	
110	167.08	176.22	
115	109.34	116.01	
120	56.31	61.41	
125	31.70	37.20	
130	67.31	72.60	
135	111.63	118.39	
140	152.39	160.87	
145	187.24	197.30	
150	214.92	226.27	
155	234.49	246.78	
160	245.28	258.08	
165	246.82	259.69	
170	238.92	251.42	
175	221.74	233.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	195.74	206.20	
185	161.85	170.75	
190	121.53	128.69	
195	77.44	82.99	
200	38.85	44.04	
205	48.26	53.33	
210	93.07	99.12	
215	140.88	148.86	
220	185.68	195.67	
225	225.10	236.94	
230	257.77	271.16	
235	283.07	297.68	
240	301.13	316.62	
245	312.83	328.89	
250	319.77	336.17	
255	324.08	340.69	
260	328.16	344.97	
265	334.17	351.27	
270	343.58	361.14	
275	356.85	375.06	
280	373.46	392.48	
285	392.18	412.12	
290	411.58	432.47	
295	430.35	452.17	
300	447.58	470.25	
305	462.83	486.26	
310	476.18	500.26	
315	488.12	512.79	
320	499.49	524.72	
325	511.29	537.11	
330	524.56	551.04	
335	540.17	567.42	
340	558.71	586.88	
345	580.38	609.63	
350	604.98	635.45	
355	631.94	663.75	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission