

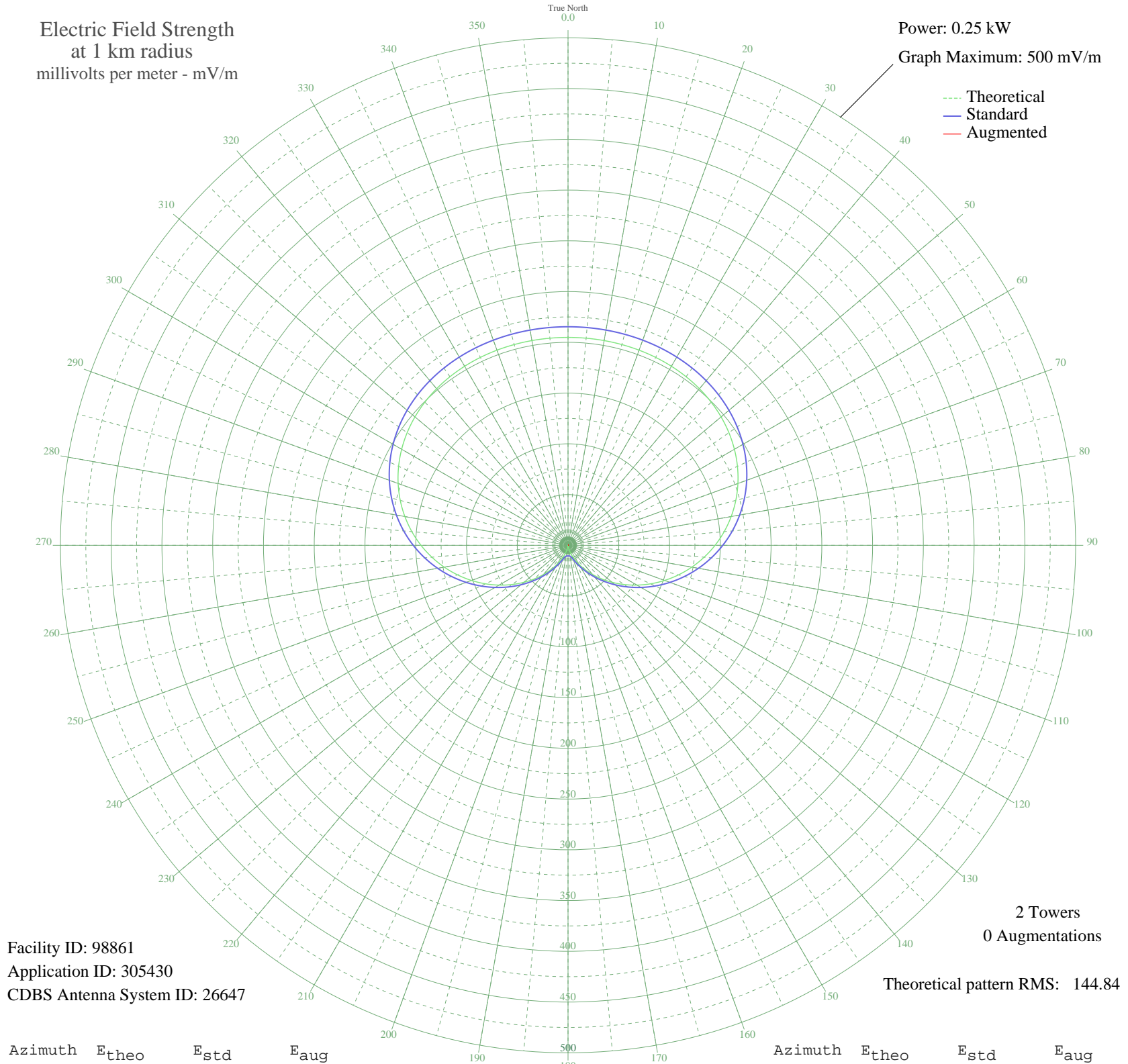
NEW BAIE COMEAU, QC Canada -- 790 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98861
Application ID: 305430
CDBS Antenna System ID: 26647

2 Towers
0 Augmentations

Theoretical pattern RMS: 144.84

Azimuth	E _{theo}	E _{std}	E _{aug}
0	204.83	215.33	
5	204.83	215.33	
10	204.82	215.32	
15	204.76	215.26	
20	204.60	215.09	
25	204.28	214.75	
30	203.70	214.14	
35	202.77	213.17	
40	201.39	211.72	
45	199.44	209.67	
50	196.83	206.93	
55	193.45	203.40	
60	189.24	198.98	
65	184.13	193.62	
70	178.09	187.29	
75	171.10	179.96	
80	163.19	171.67	
85	154.41	162.47	
90	144.84	152.44	
95	134.59	141.71	
100	123.80	130.42	
105	112.62	118.71	
110	101.20	106.78	
115	89.74	94.81	
120	78.39	82.97	
125	67.33	71.47	
130	56.72	60.47	
135	46.71	50.15	
140	37.43	40.68	
145	29.00	32.21	
150	21.51	24.91	
155	15.06	18.98	
160	9.70	14.63	
165	5.48	11.97	
170	2.44	10.81	
175	0.61	10.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	0.00	10.50	
185	0.61	10.52	
190	2.44	10.81	
195	5.48	11.97	
200	9.70	14.63	
205	15.06	18.98	
210	21.51	24.91	
215	29.00	32.21	
220	37.43	40.68	
225	46.71	50.15	
230	56.72	60.47	
235	67.33	71.47	
240	78.39	82.97	
245	89.74	94.81	
250	101.20	106.78	
255	112.62	118.71	
260	123.80	130.42	
265	134.59	141.71	
270	144.84	152.44	
275	154.41	162.47	
280	163.19	171.67	
285	171.10	179.96	
290	178.09	187.29	
295	184.13	193.62	
300	189.24	198.98	
305	193.45	203.40	
310	196.83	206.93	
315	199.44	209.67	
320	201.39	211.72	
325	202.77	213.17	
330	203.70	214.14	
335	204.28	214.75	
340	204.60	215.09	
345	204.76	215.26	
350	204.82	215.32	
355	204.83	215.33	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission