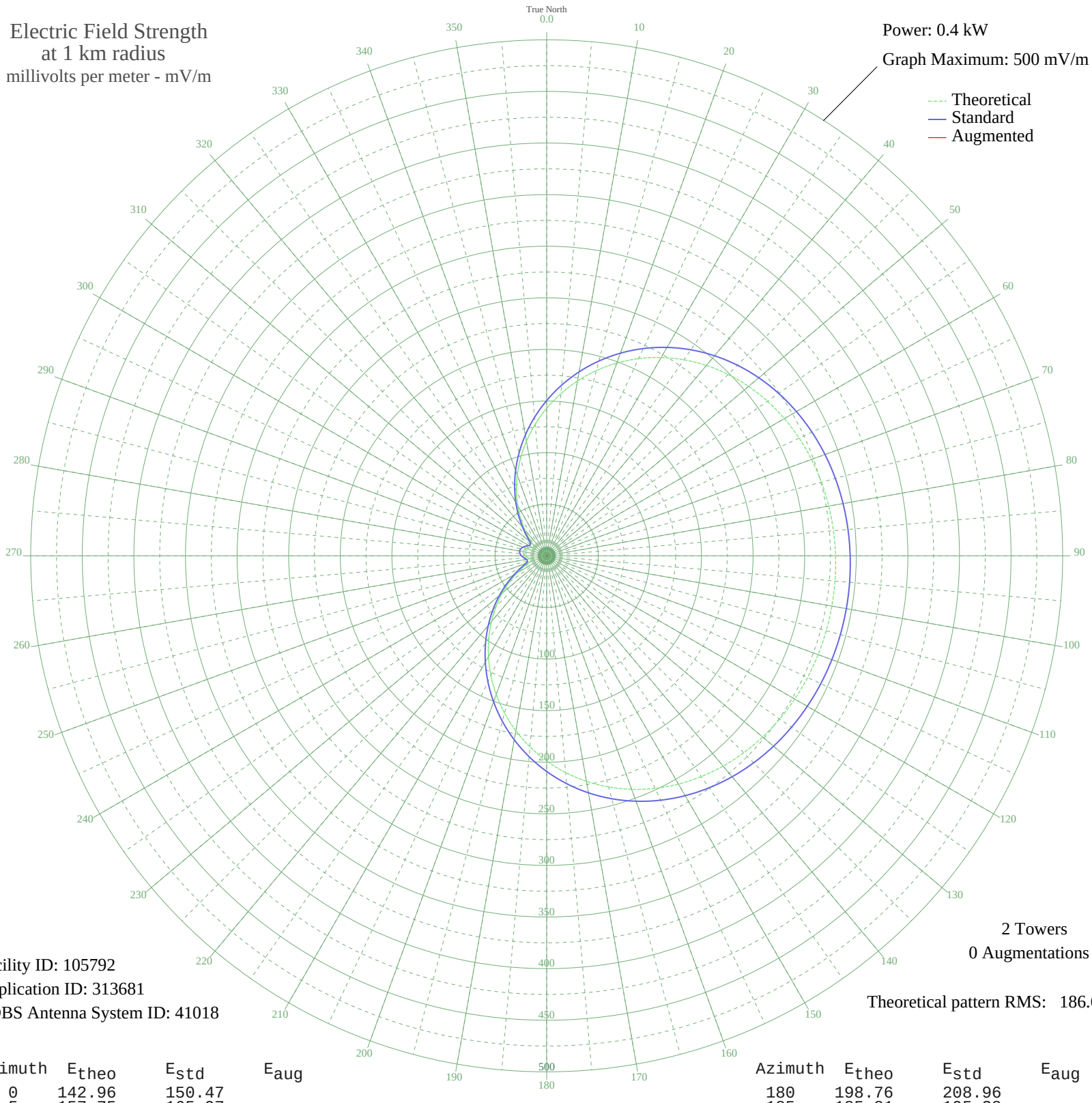
CKRV DRUMMONDVILLE, QC Canada -- 1400 kHz

Nighttime

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



Power: 0.4 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 105792
Application ID: 313681
CDBS Antenna System ID: 41018

Theoretical pattern RMS: 186.68

Azimuth	E_{theo}	E_{std}	E_{aug}
0	142.96	150.47	
5	157.75	165.97	
10	172.09	181.00	
15	185.81	195.38	
20	198.76	208.96	
25	210.81	221.60	
30	221.87	233.20	
35	231.87	243.69	
40	240.79	253.05	
45	248.63	261.27	
50	255.40	268.38	
55	261.17	274.42	
60	265.99	279.48	
65	269.95	283.64	
70	273.14	286.99	
75	275.64	289.62	
80	277.56	291.62	
85	278.96	293.09	
90	279.90	294.09	
95	280.45	294.66	
100	280.63	294.85	
105	280.45	294.66	
110	279.90	294.09	
115	278.96	293.09	
120	277.56	291.62	
125	275.64	289.62	
130	273.14	286.99	
135	269.95	283.64	
140	265.99	279.48	
145	261.17	274.42	
150	255.40	268.38	
155	248.63	261.27	
160	240.79	253.05	
165	231.87	243.69	
170	221.87	233.20	
175	210.81	221.60	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	198.76	208.96	
185	185.81	195.38	
190	172.09	181.00	
195	157.75	165.97	
200	142.96	150.47	
205	127.90	134.71	
210	112.79	118.90	
215	97.84	103.26	
220	83.25	88.04	
225	69.24	73.46	
230	56.05	59.78	
235	43.90	47.27	
240	33.11	36.32	
245	24.15	27.45	
250	17.85	21.48	
255	15.26	19.15	
260	16.16	19.95	
265	18.62	22.19	
270	21.04	24.46	
275	22.68	26.03	
280	23.25	26.58	
285	22.68	26.03	
290	21.04	24.46	
295	18.62	22.19	
300	16.16	19.95	
305	15.26	19.15	
310	17.85	21.48	
315	24.15	27.45	
320	33.11	36.32	
325	43.90	47.27	
330	56.05	59.78	
335	69.24	73.46	
340	83.25	88.04	
345	97.84	103.27	
350	112.79	118.90	
355	127.90	134.71	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission