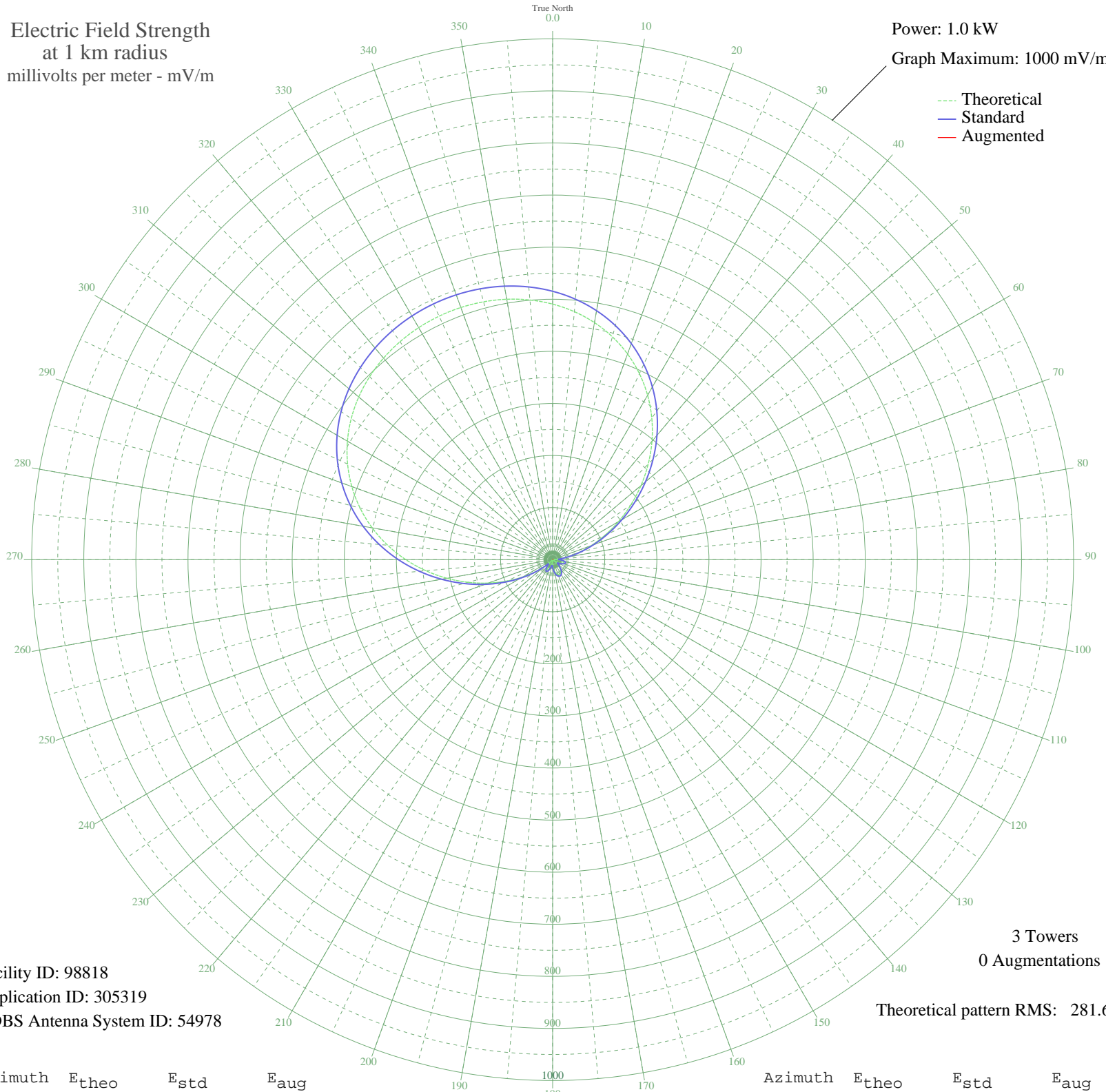


# CKVM VILLE MARIE, QC Canada -- 710 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 98818  
Application ID: 305319  
CDBS Antenna System ID: 54978

3 Towers  
0 Augmentations

Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	490.65	515.29	
5	477.97	501.98	
10	462.15	485.37	
15	442.98	465.24	
20	420.29	441.43	
25	394.09	413.92	
30	364.48	382.85	
35	331.80	348.55	
40	296.54	311.55	
45	259.40	272.58	
50	221.24	232.54	
55	183.03	192.47	
60	145.82	153.47	
65	110.64	116.65	
70	78.46	83.05	
75	50.10	53.64	
80	26.17	29.42	
85	7.07	12.86	
90	7.07	12.86	
95	16.38	20.15	
100	21.20	24.61	
105	22.06	25.43	
110	19.64	23.14	
115	14.69	18.66	
120	8.01	13.45	
125	0.36	10.51	
130	7.51	13.13	
135	14.96	18.89	
140	21.44	24.84	
145	26.51	29.75	
150	29.85	33.06	
155	31.26	34.47	
160	30.66	33.86	
165	28.07	31.29	
170	23.66	26.97	
175	17.69	21.34	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	10.57	15.28	
185	2.79	10.90	
190	5.02	11.75	
195	12.18	16.55	
200	17.92	21.55	
205	21.45	24.85	
210	21.98	25.36	
215	18.82	22.38	
220	11.36	15.89	
225	0.82	10.54	
230	17.94	21.57	
235	39.97	43.26	
240	66.62	70.73	
245	97.36	102.77	
250	131.45	138.42	
255	167.97	176.68	
260	205.90	216.45	
265	244.21	256.63	
270	281.87	296.15	
275	317.97	334.03	
280	351.76	369.49	
285	382.64	401.91	
290	410.23	430.87	
295	434.33	456.17	
300	454.90	477.76	
305	472.03	495.75	
310	485.94	510.34	
315	496.86	521.81	
320	505.08	530.44	
325	510.85	536.50	
330	514.38	540.20	
335	515.81	541.70	
340	515.20	541.06	
345	512.52	538.25	
350	507.67	533.16	
355	500.46	525.59	