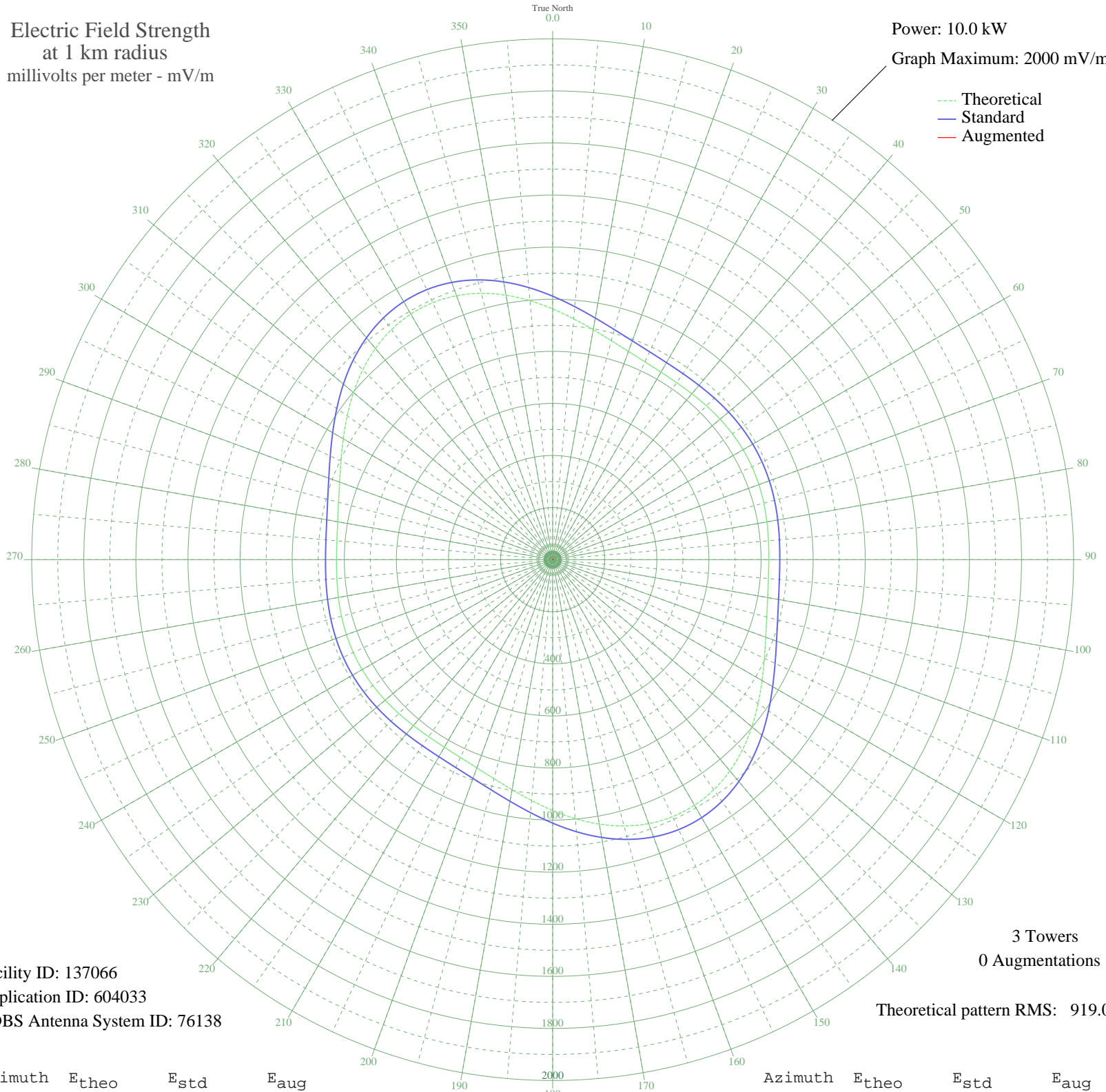


# CJMS ST. CONSTANT, QC Canada -- 1040 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 137066  
Application ID: 604033  
CDBS Antenna System ID: 76138

3 Towers  
0 Augmentations

Theoretical pattern RMS: 919.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	962.95	1011.64	
5	928.21	975.19	
10	896.71	942.13	
15	870.53	914.66	
20	850.91	894.07	
25	838.10	880.63	
30	831.50	873.71	
35	829.86	871.99	
40	831.62	873.83	
45	835.18	877.57	
50	839.14	881.73	
55	842.41	885.15	
60	844.23	887.06	
65	844.23	887.06	
70	842.41	885.15	
75	839.14	881.73	
80	835.18	877.57	
85	831.62	873.83	
90	829.86	871.99	
95	831.50	873.71	
100	838.10	880.63	
105	850.91	894.07	
110	870.53	914.66	
115	896.71	942.13	
120	928.21	975.19	
125	962.95	1011.64	
130	998.21	1048.65	
135	1031.06	1083.12	
140	1058.64	1112.07	
145	1078.52	1132.93	
150	1088.92	1143.85	
155	1088.92	1143.85	
160	1078.52	1132.93	
165	1058.64	1112.07	
170	1031.06	1083.12	
175	998.21	1048.65	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	962.95	1011.64	
185	928.21	975.19	
190	896.71	942.13	
195	870.53	914.66	
200	850.91	894.07	
205	838.10	880.63	
210	831.50	873.71	
215	829.86	871.99	
220	831.62	873.83	
225	835.18	877.57	
230	839.14	881.73	
235	842.41	885.15	
240	844.23	887.06	
245	844.23	887.06	
250	842.41	885.15	
255	839.14	881.73	
260	835.18	877.57	
265	831.62	873.83	
270	829.86	871.99	
275	831.50	873.71	
280	838.10	880.63	
285	850.91	894.07	
290	870.53	914.66	
295	896.71	942.13	
300	928.21	975.19	
305	962.95	1011.64	
310	998.21	1048.65	
315	1031.06	1083.12	
320	1058.64	1112.07	
325	1078.52	1132.93	
330	1088.92	1143.85	
335	1088.92	1143.85	
340	1078.52	1132.93	
345	1058.64	1112.07	
350	1031.06	1083.12	
355	998.21	1048.65	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission