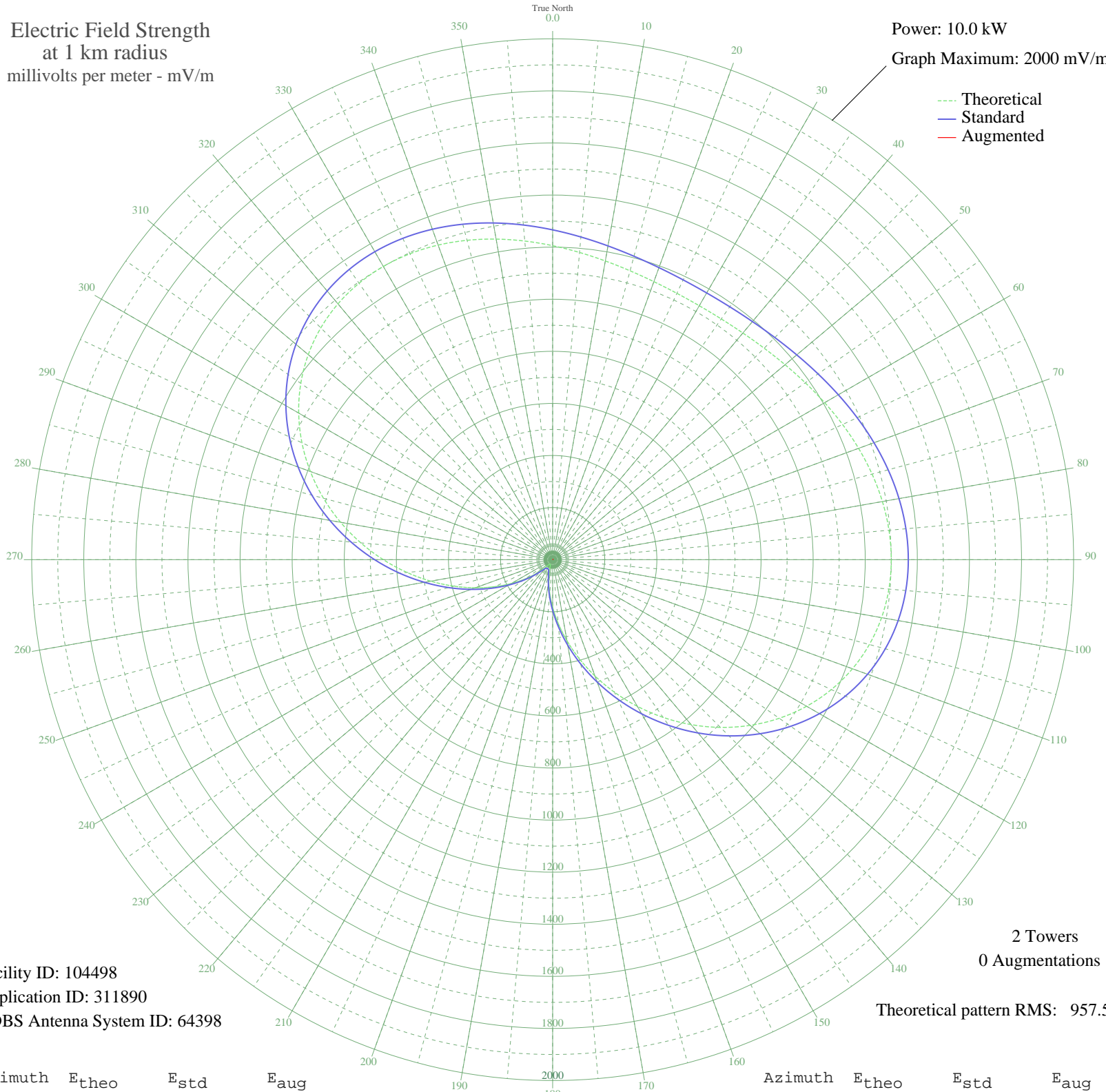


# CHRM MATANE, QC Canada -- 1290 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 104498  
Application ID: 311890  
CDBS Antenna System ID: 64398

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 957.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1205.69	1266.41	
5	1184.12	1243.77	
10	1164.65	1223.33	
15	1148.34	1206.22	
20	1136.07	1193.34	
25	1128.46	1185.35	
30	1125.88	1182.64	
35	1128.46	1185.35	
40	1136.07	1193.34	
45	1148.34	1206.22	
50	1164.65	1223.33	
55	1184.12	1243.77	
60	1205.69	1266.41	
65	1228.09	1289.92	
70	1249.89	1312.80	
75	1269.56	1333.45	
80	1285.50	1350.18	
85	1296.15	1361.36	
90	1300.00	1365.41	
95	1295.74	1360.93	
100	1282.26	1346.78	
105	1258.77	1322.13	
110	1224.84	1286.51	
115	1180.42	1239.89	
120	1125.88	1182.64	
125	1061.97	1115.56	
130	989.81	1039.83	
135	910.82	956.94	
140	826.67	868.64	
145	739.18	776.85	
150	650.23	683.55	
155	561.70	590.72	
160	475.39	500.26	
165	392.96	413.95	
170	315.90	333.36	
175	245.50	259.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	182.84	194.84	
185	128.86	139.32	
190	84.39	94.63	
195	50.42	62.49	
200	28.63	44.79	
205	20.46	39.55	
210	19.80	39.17	
215	20.46	39.55	
220	28.63	44.79	
225	50.42	62.49	
230	84.39	94.63	
235	128.86	139.32	
240	182.84	194.84	
245	245.50	259.91	
250	315.91	333.36	
255	392.96	413.95	
260	475.39	500.26	
265	561.70	590.72	
270	650.23	683.55	
275	739.18	776.85	
280	826.67	868.64	
285	910.82	956.94	
290	989.81	1039.83	
295	1061.97	1115.56	
300	1125.88	1182.64	
305	1180.42	1239.89	
310	1224.84	1286.51	
315	1258.77	1322.13	
320	1282.26	1346.78	
325	1295.74	1360.93	
330	1300.00	1365.41	
335	1296.15	1361.36	
340	1285.50	1350.18	
345	1269.55	1333.45	
350	1249.89	1312.80	
355	1228.09	1289.92	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission