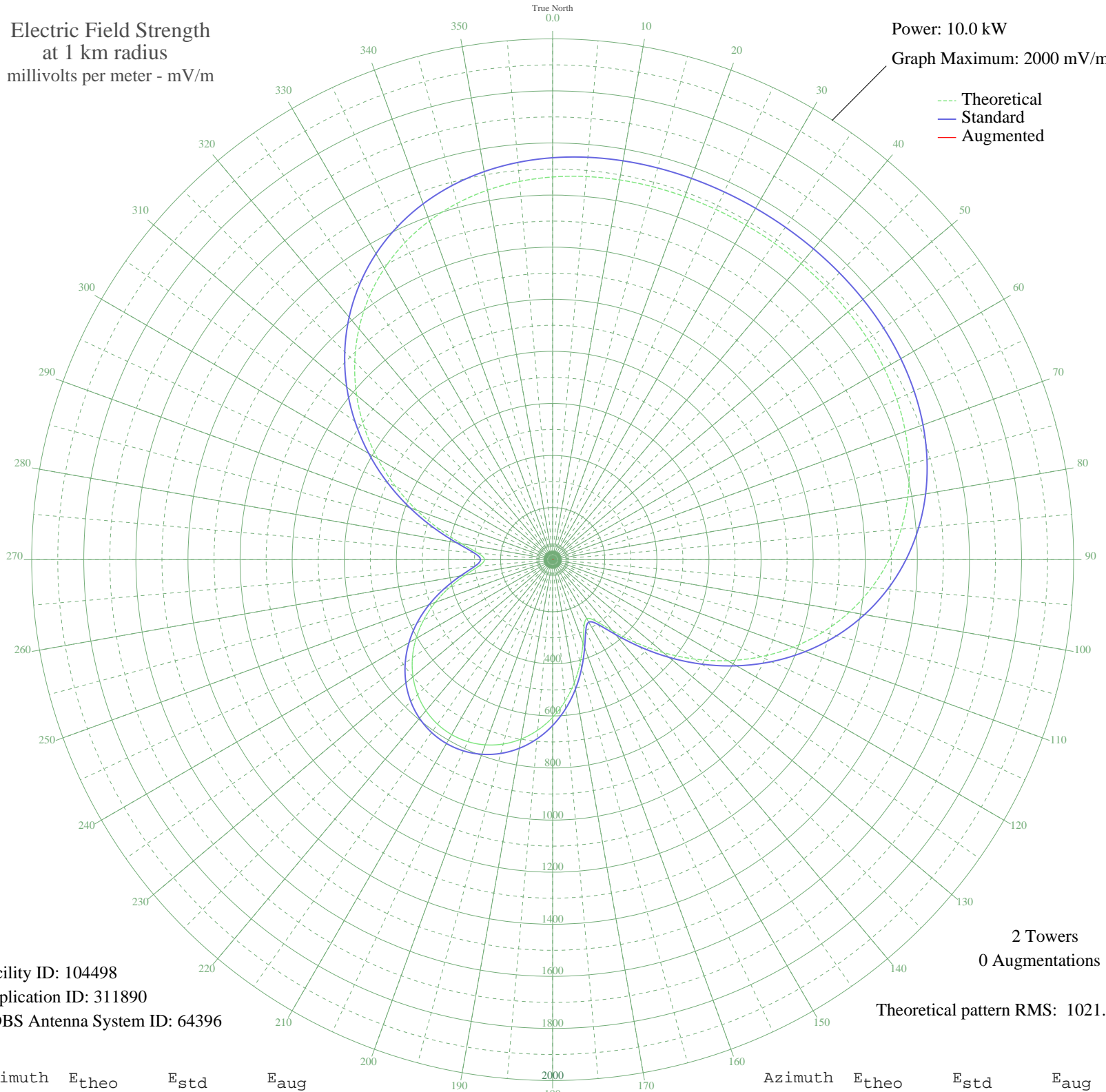


# CHRM MATANE, QC Canada -- 1290 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 104498  
Application ID: 311890  
CDBS Antenna System ID: 64396

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1021.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1469.52	1543.35	
5	1476.73	1550.92	
10	1480.77	1555.17	
15	1482.72	1557.21	
20	1483.46	1557.98	
25	1483.63	1558.16	
30	1483.64	1558.18	
35	1483.63	1558.16	
40	1483.46	1557.98	
45	1482.72	1557.21	
50	1480.77	1555.17	
55	1476.73	1550.92	
60	1469.52	1543.35	
65	1457.95	1531.20	
70	1440.74	1513.14	
75	1416.61	1487.81	
80	1384.35	1453.95	
85	1342.93	1410.46	
90	1291.52	1356.50	
95	1229.65	1291.56	
100	1157.20	1215.51	
105	1074.51	1128.72	
110	982.38	1032.04	
115	882.16	926.86	
120	775.70	815.16	
125	665.53	699.60	
130	555.05	583.75	
135	449.13	472.75	
140	355.51	374.76	
145	287.27	303.45	
150	261.82	276.91	
155	284.93	301.01	
160	340.41	358.97	
165	409.02	430.76	
170	479.42	504.48	
175	545.92	574.17	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	605.66	636.81	
185	657.19	690.84	
190	699.73	735.47	
195	732.95	770.32	
200	756.70	795.23	
205	770.95	810.18	
210	775.70	815.16	
215	770.95	810.18	
220	756.70	795.23	
225	732.95	770.32	
230	699.73	735.47	
235	657.18	690.84	
240	605.66	636.81	
245	545.92	574.17	
250	479.42	504.48	
255	409.02	430.76	
260	340.41	358.97	
265	284.93	301.01	
270	261.82	276.91	
275	287.27	303.45	
280	355.51	374.76	
285	449.13	472.76	
290	555.06	583.75	
295	665.53	699.60	
300	775.70	815.16	
305	882.16	926.86	
310	982.38	1032.04	
315	1074.51	1128.72	
320	1157.20	1215.51	
325	1229.65	1291.56	
330	1291.52	1356.50	
335	1342.93	1410.46	
340	1384.35	1453.95	
345	1416.61	1487.81	
350	1440.74	1513.14	
355	1457.95	1531.20	

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