

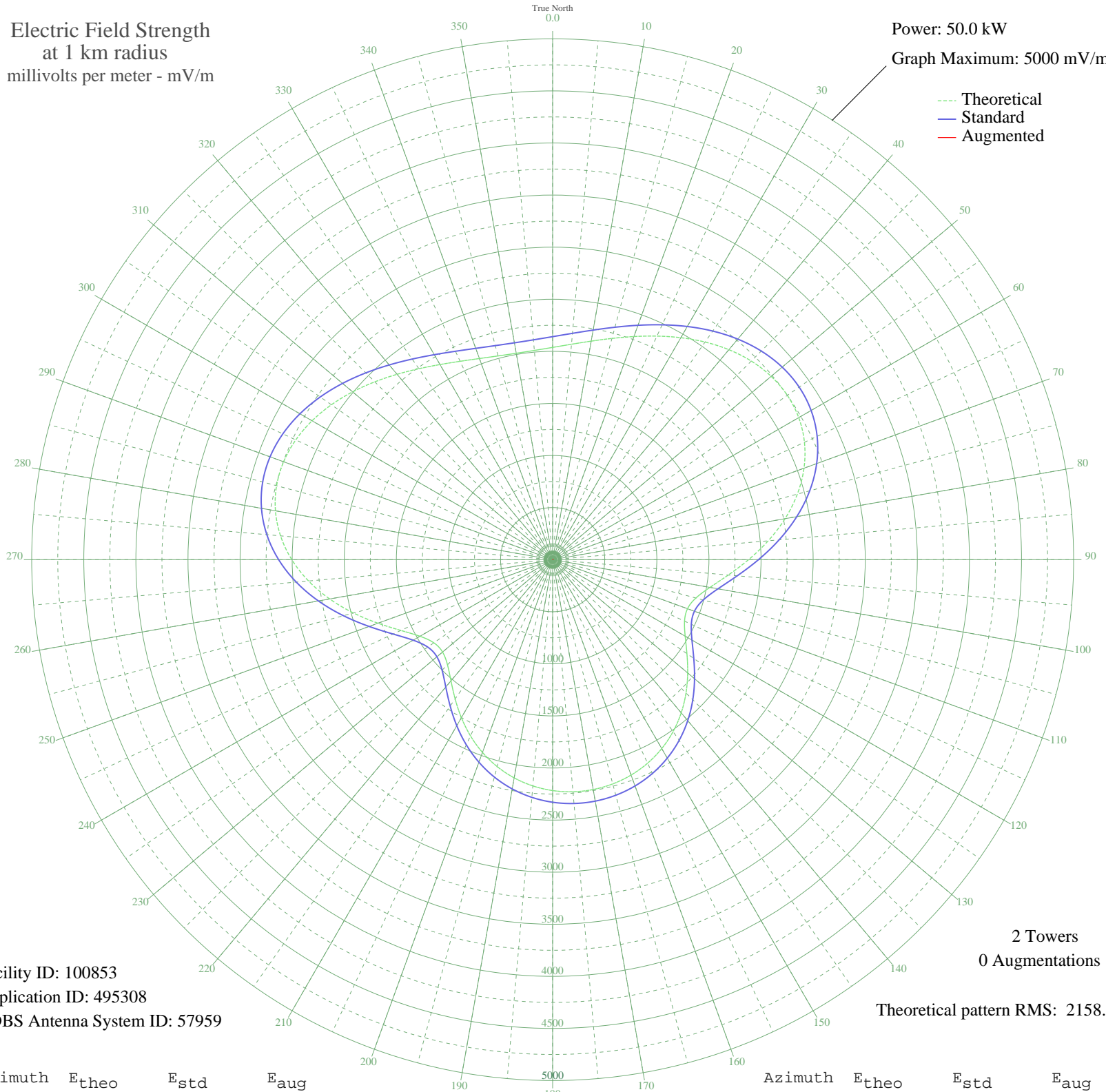
# CJTR TROIS RIVIERES, QC Canada -- 1140 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 100853  
Application ID: 495308  
CDBS Antenna System ID: 57959

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2158.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2037.62	2140.79	
5	2075.89	2180.95	
10	2130.11	2237.85	
15	2198.72	2309.85	
20	2279.23	2394.35	
25	2368.05	2487.56	
30	2460.39	2584.48	
35	2550.40	2678.95	
40	2631.40	2763.97	
45	2696.25	2832.03	
50	2737.88	2875.73	
55	2749.89	2888.34	
60	2727.18	2864.50	
65	2666.53	2800.84	
70	2567.24	2696.62	
75	2431.54	2554.20	
80	2265.01	2379.42	
85	2076.87	2181.98	
90	1880.23	1975.64	
95	1692.12	1778.27	
100	1532.83	1611.18	
105	1423.00	1495.99	
110	1377.22	1447.99	
115	1396.77	1468.48	
120	1468.72	1543.95	
125	1573.26	1653.59	
130	1691.68	1777.82	
135	1810.08	1902.04	
140	1919.54	2016.89	
145	2014.99	2117.04	
150	2094.02	2199.97	
155	2155.84	2264.84	
160	2200.56	2311.78	
165	2228.66	2341.28	
170	2240.61	2353.81	
175	2236.64	2349.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2216.66	2328.67	
185	2180.31	2290.53	
190	2127.08	2234.67	
195	2056.64	2160.74	
200	1969.22	2069.01	
205	1866.32	1961.04	
210	1751.55	1840.62	
215	1631.73	1714.93	
220	1518.18	1595.82	
225	1427.38	1500.59	
230	1379.36	1450.23	
235	1391.66	1463.12	
240	1470.58	1545.89	
245	1607.53	1689.54	
250	1783.90	1874.56	
255	1978.64	2078.90	
260	2172.92	2282.77	
265	2351.64	2470.34	
270	2503.67	2629.91	
275	2621.65	2753.73	
280	2701.71	2837.76	
285	2743.13	2881.24	
290	2747.95	2886.30	
295	2720.39	2857.37	
300	2666.29	2800.59	
305	2592.47	2723.11	
310	2506.09	2632.44	
315	2414.12	2535.92	
320	2322.88	2440.15	
325	2237.69	2350.74	
330	2162.75	2272.10	
335	2101.09	2207.39	
340	2054.70	2158.71	
345	2024.75	2127.28	
350	2011.82	2113.72	
355	2016.13	2118.24	

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