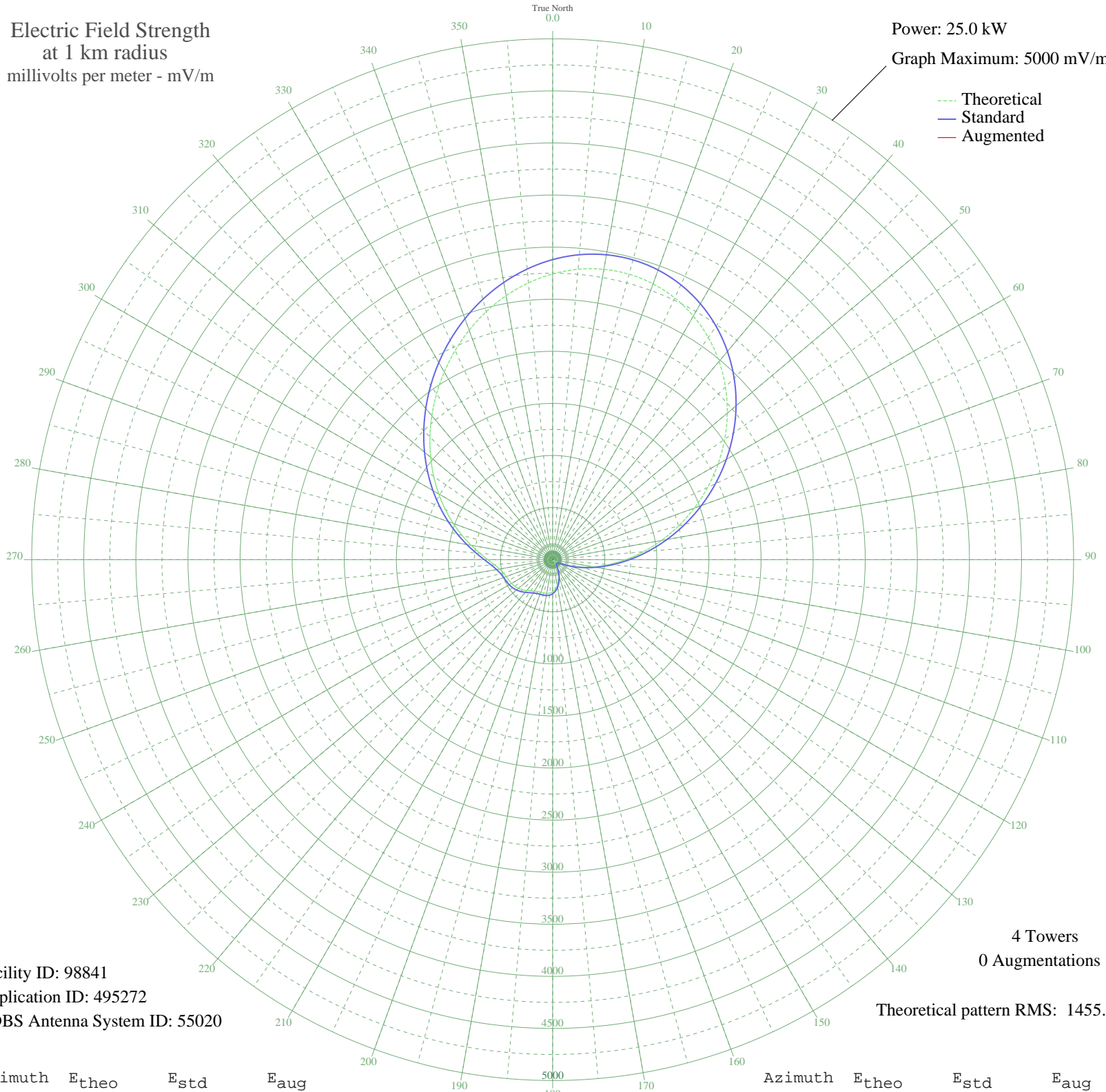


# CJVR MELFORT, SK Canada -- 750 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98841  
Application ID: 495272  
CDBS Antenna System ID: 55020

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1455.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2742.84	2880.47	
5	2797.99	2938.36	
10	2829.91	2971.87	
15	2836.82	2979.13	
20	2817.65	2959.00	
25	2772.09	2911.17	
30	2700.60	2836.12	
35	2604.35	2735.07	
40	2485.16	2609.94	
45	2345.39	2463.22	
50	2187.85	2297.84	
55	2015.68	2117.11	
60	1832.28	1924.61	
65	1641.23	1724.09	
70	1446.23	1519.45	
75	1251.03	1314.63	
80	1059.35	1113.56	
85	874.85	920.09	
90	701.01	737.93	
95	541.03	570.50	
100	397.78	420.96	
105	273.63	292.07	
110	170.38	186.44	
115	89.16	107.33	
120	30.37	61.43	
125	6.47	52.94	
130	22.35	57.51	
135	19.42	56.32	
140	0.85	52.51	
145	31.78	62.20	
150	73.01	92.91	
155	119.49	136.01	
160	167.28	183.32	
165	212.67	229.39	
170	252.55	270.32	
175	284.61	303.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	307.66	327.28	
185	321.82	341.96	
190	328.63	349.04	
195	331.03	351.52	
200	332.84	353.40	
205	337.89	358.65	
210	348.70	369.88	
215	365.54	387.39	
220	386.46	409.17	
225	408.37	431.99	
230	428.24	452.71	
235	444.10	469.25	
240	455.63	481.28	
245	464.47	490.52	
250	474.27	500.74	
255	490.19	517.37	
260	517.79	546.21	
265	561.38	591.78	
270	622.75	655.99	
275	701.19	738.12	
280	794.37	835.74	
285	899.47	945.90	
290	1013.83	1065.81	
295	1135.29	1193.21	
300	1262.23	1326.38	
305	1393.44	1464.06	
310	1528.00	1605.26	
315	1665.05	1749.09	
320	1803.67	1894.58	
325	1942.64	2040.45	
330	2080.40	2185.05	
335	2214.95	2326.29	
340	2343.82	2461.58	
345	2464.19	2587.94	
350	2572.95	2702.11	
355	2666.88	2800.72	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission