

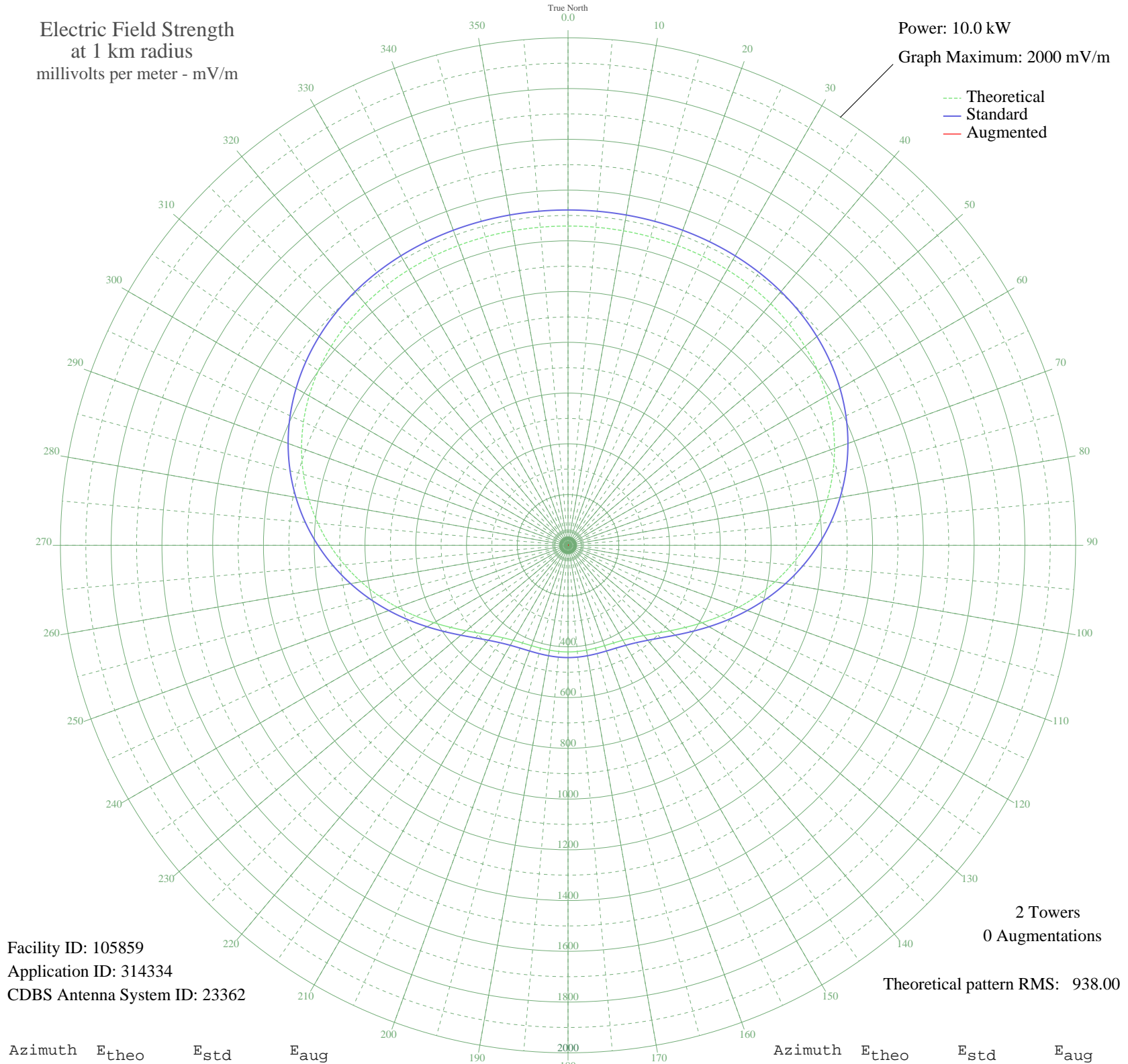
# CKMW MORDEN, MB Canada -- 1570 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 105859  
Application ID: 314334  
CDBS Antenna System ID: 23362

2 Towers  
0 Augmentations

Theoretical pattern RMS: 938.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1258.23	1321.56	
5	1258.30	1321.63	
10	1258.42	1321.76	
15	1258.43	1321.77	
20	1258.00	1321.32	
25	1256.74	1320.00	
30	1254.15	1317.27	
35	1249.65	1312.55	
40	1242.65	1305.21	
45	1232.54	1294.59	
50	1218.71	1280.08	
55	1200.64	1261.11	
60	1177.90	1237.24	
65	1150.17	1208.13	
70	1117.29	1173.62	
75	1079.30	1133.75	
80	1036.43	1088.76	
85	989.11	1039.10	
90	938.00	985.46	
95	883.94	928.73	
100	827.95	869.98	
105	771.23	810.47	
110	715.09	751.58	
115	660.91	694.75	
120	610.11	641.48	
125	564.04	593.17	
130	523.86	551.06	
135	490.45	516.04	
140	464.22	488.56	
145	445.04	468.47	
150	432.21	455.03	
155	424.60	447.06	
160	420.85	443.14	
165	419.58	441.81	
170	419.59	441.82	
175	419.97	442.22	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	420.16	442.42	
185	419.97	442.22	
190	419.59	441.82	
195	419.58	441.81	
200	420.85	443.14	
205	424.60	447.06	
210	432.21	455.03	
215	445.04	468.47	
220	464.22	488.56	
225	490.45	516.04	
230	523.86	551.06	
235	564.04	593.17	
240	610.12	641.48	
245	660.91	694.75	
250	715.09	751.58	
255	771.23	810.47	
260	827.95	869.98	
265	883.94	928.73	
270	938.00	985.46	
275	989.11	1039.10	
280	1036.43	1088.76	
285	1079.30	1133.75	
290	1117.29	1173.62	
295	1150.17	1208.13	
300	1177.90	1237.24	
305	1200.64	1261.11	
310	1218.71	1280.08	
315	1232.54	1294.59	
320	1242.65	1305.21	
325	1249.65	1312.55	
330	1254.15	1317.27	
335	1256.74	1320.00	
340	1258.00	1321.32	
345	1258.43	1321.77	
350	1258.42	1321.76	
355	1258.30	1321.63	

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