

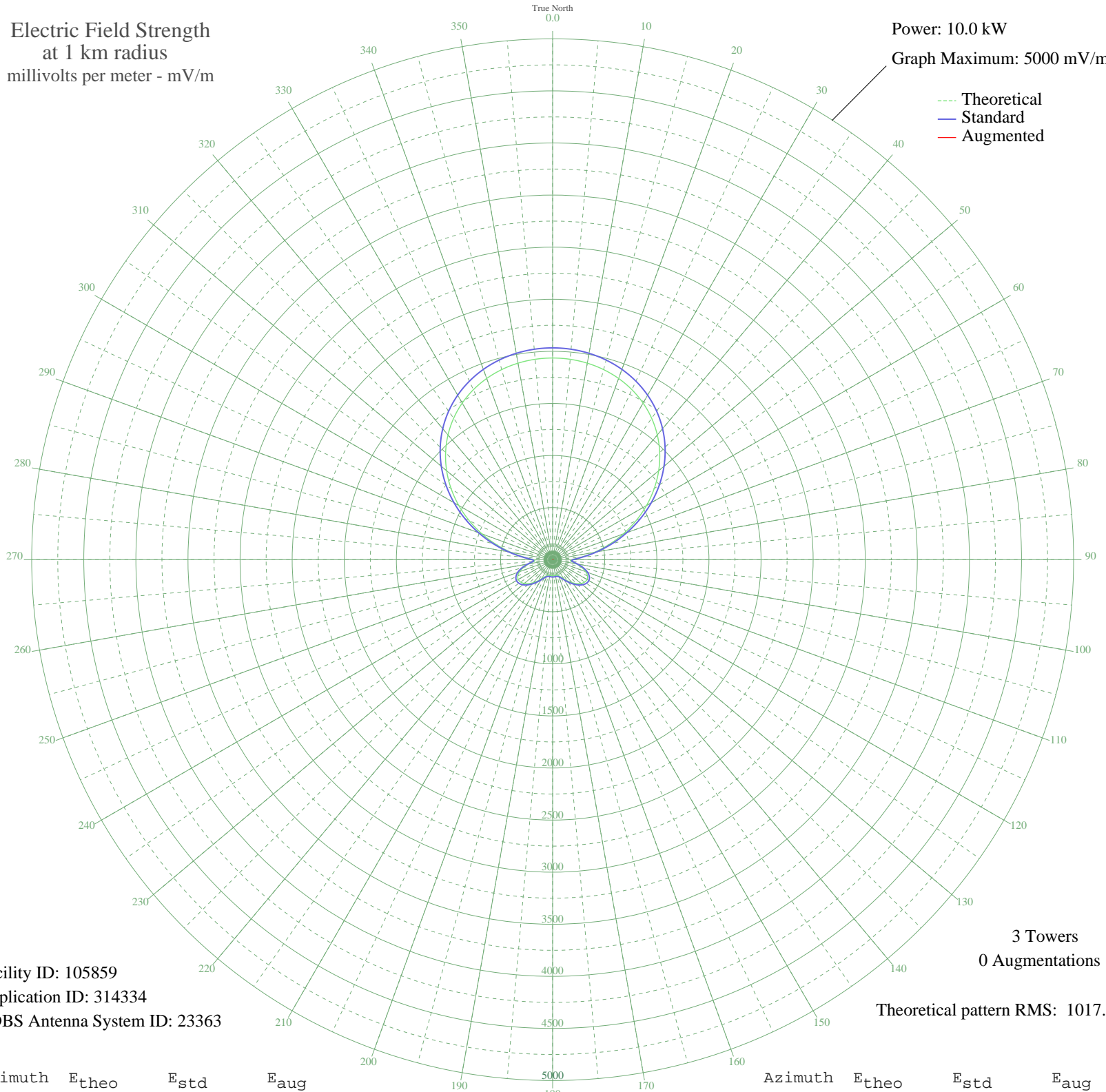
CKMW MORDEN, MB Canada -- 1570 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105859
Application ID: 314334
CDBS Antenna System ID: 23363

3 Towers
0 Augmentations

Theoretical pattern RMS: 1017.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1935.94	2033.03	
5	1930.85	2027.68	
10	1915.38	2011.45	
15	1889.03	1983.79	
20	1851.00	1943.86	
25	1800.30	1890.64	
30	1735.91	1823.04	
35	1656.91	1740.10	
40	1562.65	1641.15	
45	1452.97	1526.01	
50	1328.36	1395.21	
55	1190.10	1250.09	
60	1040.40	1092.97	
65	882.43	927.20	
70	720.38	757.19	
75	559.58	588.59	
80	407.10	428.86	
85	274.12	289.91	
90	184.66	196.98	
95	176.17	188.21	
100	228.40	242.32	
105	289.51	305.96	
110	338.34	356.94	
115	369.01	389.02	
120	380.81	401.35	
125	375.29	395.58	
130	355.31	374.69	
135	324.59	342.58	
140	287.32	303.68	
145	248.08	262.78	
150	211.54	224.81	
155	182.16	194.39	
160	163.09	174.72	
165	154.48	165.88	
170	153.17	164.53	
175	154.66	166.06	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	155.55	166.97	
185	154.66	166.06	
190	153.17	164.53	
195	154.48	165.88	
200	163.09	174.72	
205	182.16	194.39	
210	211.54	224.81	
215	248.08	262.78	
220	287.33	303.68	
225	324.59	342.58	
230	355.31	374.69	
235	375.29	395.58	
240	380.81	401.35	
245	369.01	389.01	
250	338.34	356.94	
255	289.51	305.96	
260	228.40	242.32	
265	176.17	188.21	
270	184.66	196.98	
275	274.12	289.92	
280	407.10	428.86	
285	559.58	588.59	
290	720.38	757.19	
295	882.43	927.20	
300	1040.40	1092.97	
305	1190.11	1250.09	
310	1328.36	1395.21	
315	1452.97	1526.02	
320	1562.65	1641.15	
325	1656.91	1740.10	
330	1735.91	1823.04	
335	1800.30	1890.64	
340	1851.00	1943.86	
345	1889.03	1983.79	
350	1915.38	2011.45	
355	1930.85	2027.68	

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.

12 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission