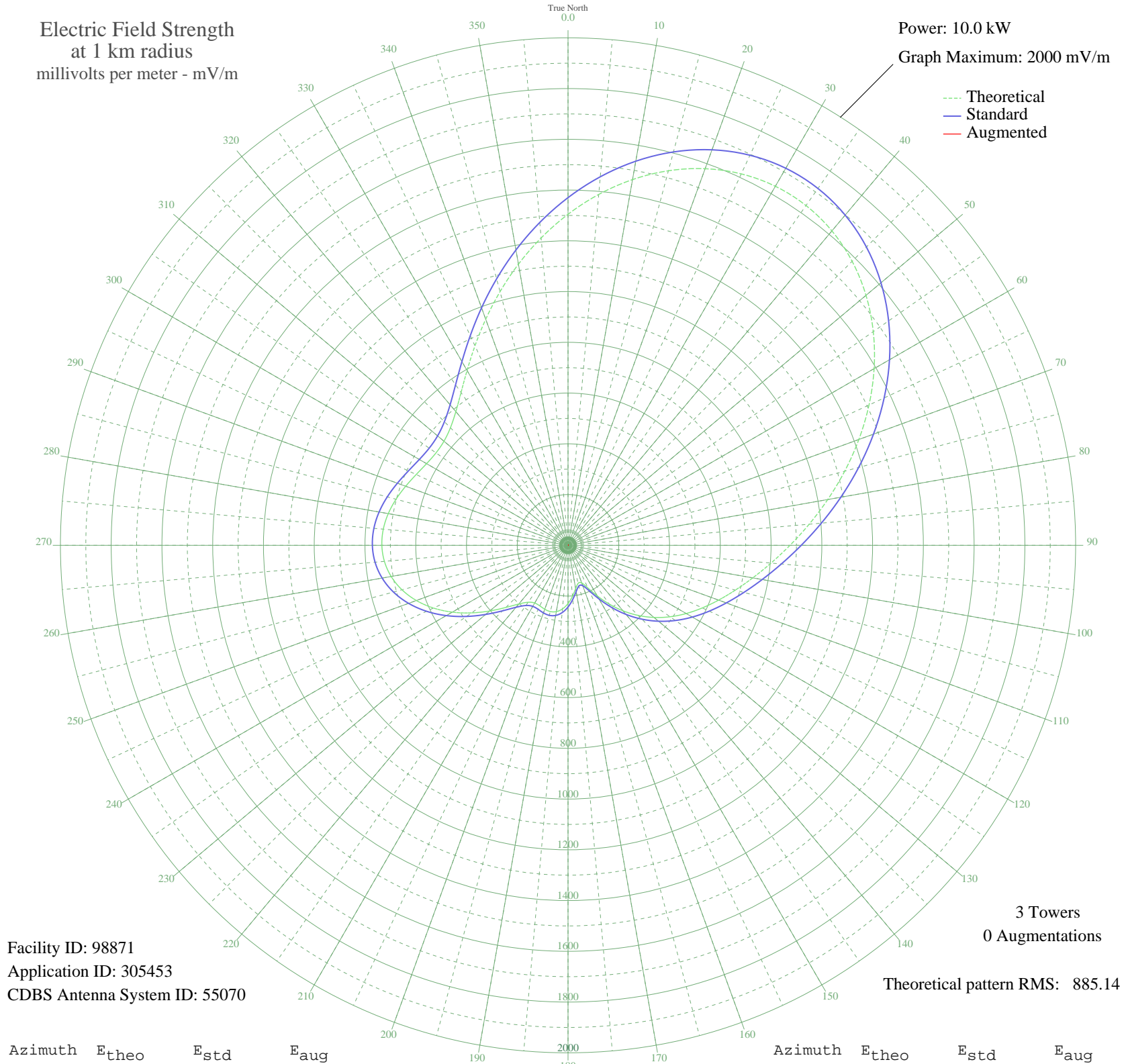


# CHAB MOOSE JAW, SK Canada -- 800 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1304.59	1370.22	
5	1388.11	1457.89	
10	1463.57	1537.10	
15	1528.16	1604.91	
20	1579.38	1658.68	
25	1615.12	1696.20	
30	1633.85	1715.86	
35	1634.70	1716.76	
40	1617.56	1698.77	
45	1583.08	1662.56	
50	1532.62	1609.59	
55	1468.24	1542.01	
60	1392.54	1462.54	
65	1308.52	1374.35	
70	1219.43	1280.84	
75	1128.58	1185.47	
80	1039.09	1091.55	
85	953.71	1001.94	
90	874.56	918.89	
95	802.92	843.72	
100	739.11	776.78	
105	682.43	717.32	
110	631.36	663.75	
115	583.83	613.92	
120	537.67	565.53	
125	490.91	516.52	
130	442.15	465.44	
135	390.74	411.62	
140	336.99	355.39	
145	282.36	298.33	
150	229.98	243.75	
155	185.51	197.60	
160	157.82	169.00	
165	154.72	165.81	
170	173.12	184.78	
175	201.33	213.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	229.40	243.15	
185	251.63	266.29	
190	265.36	280.60	
195	270.20	285.65	
200	268.04	283.40	
205	263.25	278.40	
210	262.65	277.78	
215	273.92	289.53	
220	301.97	318.81	
225	346.35	365.18	
230	402.44	423.86	
235	464.34	488.69	
240	526.67	553.99	
245	585.00	615.14	
250	635.99	668.62	
255	677.31	711.95	
260	707.55	743.67	
265	726.20	763.23	
270	733.54	770.93	
275	730.62	767.87	
280	719.17	755.85	
285	701.55	737.37	
290	680.70	715.51	
295	660.09	693.89	
300	643.57	676.56	
305	635.06	667.64	
310	638.11	670.84	
315	655.27	688.84	
320	687.67	722.82	
325	734.96	772.42	
330	795.63	836.07	
335	867.51	911.49	
340	948.13	996.09	
345	1034.88	1087.13	
350	1125.07	1181.79	
355	1215.93	1277.16	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission