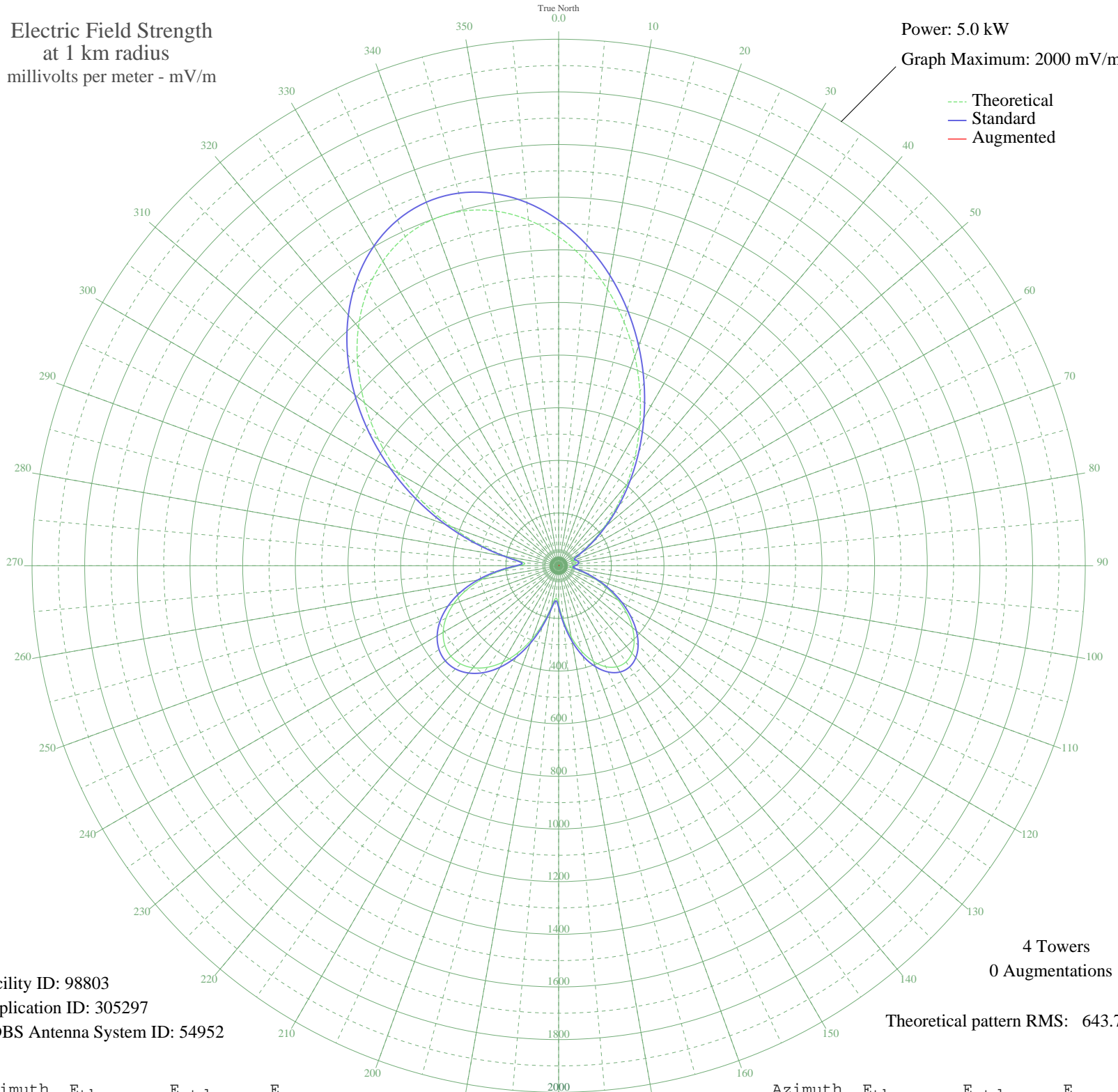


CBKF GRAVELBOURG, SK Canada -- 690 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 98803
Application ID: 305297
CDBS Antenna System ID: 54952

4 Towers
0 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1249.67	1312.54	
5	1164.50	1223.14	
10	1066.33	1120.10	
15	958.82	1007.27	
20	845.63	888.48	
25	730.24	767.41	
30	615.88	647.46	
35	505.44	531.66	
40	401.41	422.68	
45	305.99	322.86	
50	221.15	234.38	
55	148.98	159.62	
60	92.62	102.32	
65	58.85	69.49	
70	54.00	65.01	
75	62.63	73.04	
80	67.44	77.63	
85	63.35	73.73	
90	51.49	62.72	
95	41.78	54.18	
100	56.88	67.66	
105	96.28	105.98	
110	147.28	157.87	
115	203.64	216.17	
120	261.26	276.16	
125	316.45	333.79	
130	365.63	385.23	
135	405.49	426.95	
140	433.08	455.84	
145	446.08	469.46	
150	442.97	466.20	
155	423.16	445.46	
160	387.18	407.78	
165	336.74	355.00	
170	275.07	290.56	
175	207.89	220.59	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	147.57	158.17	
185	123.43	133.44	
190	158.44	169.37	
195	224.39	237.74	
200	296.21	312.64	
205	363.95	383.47	
210	423.03	445.32	
215	470.85	495.41	
220	505.85	532.09	
225	527.15	554.42	
230	534.36	561.97	
235	527.40	554.68	
240	506.49	532.76	
245	472.01	496.63	
250	424.57	446.93	
255	365.11	384.69	
260	295.34	311.73	
265	219.28	232.43	
270	150.09	160.77	
275	132.22	142.42	
280	199.27	211.63	
285	308.53	325.51	
290	434.01	456.82	
295	566.79	595.98	
300	701.85	737.63	
305	835.02	877.35	
310	962.26	1010.87	
315	1079.57	1133.99	
320	1183.13	1242.69	
325	1269.45	1333.30	
330	1335.57	1402.71	
335	1379.29	1448.60	
340	1399.28	1469.59	
345	1395.21	1465.32	
350	1367.73	1436.47	
355	1318.42	1384.71	

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