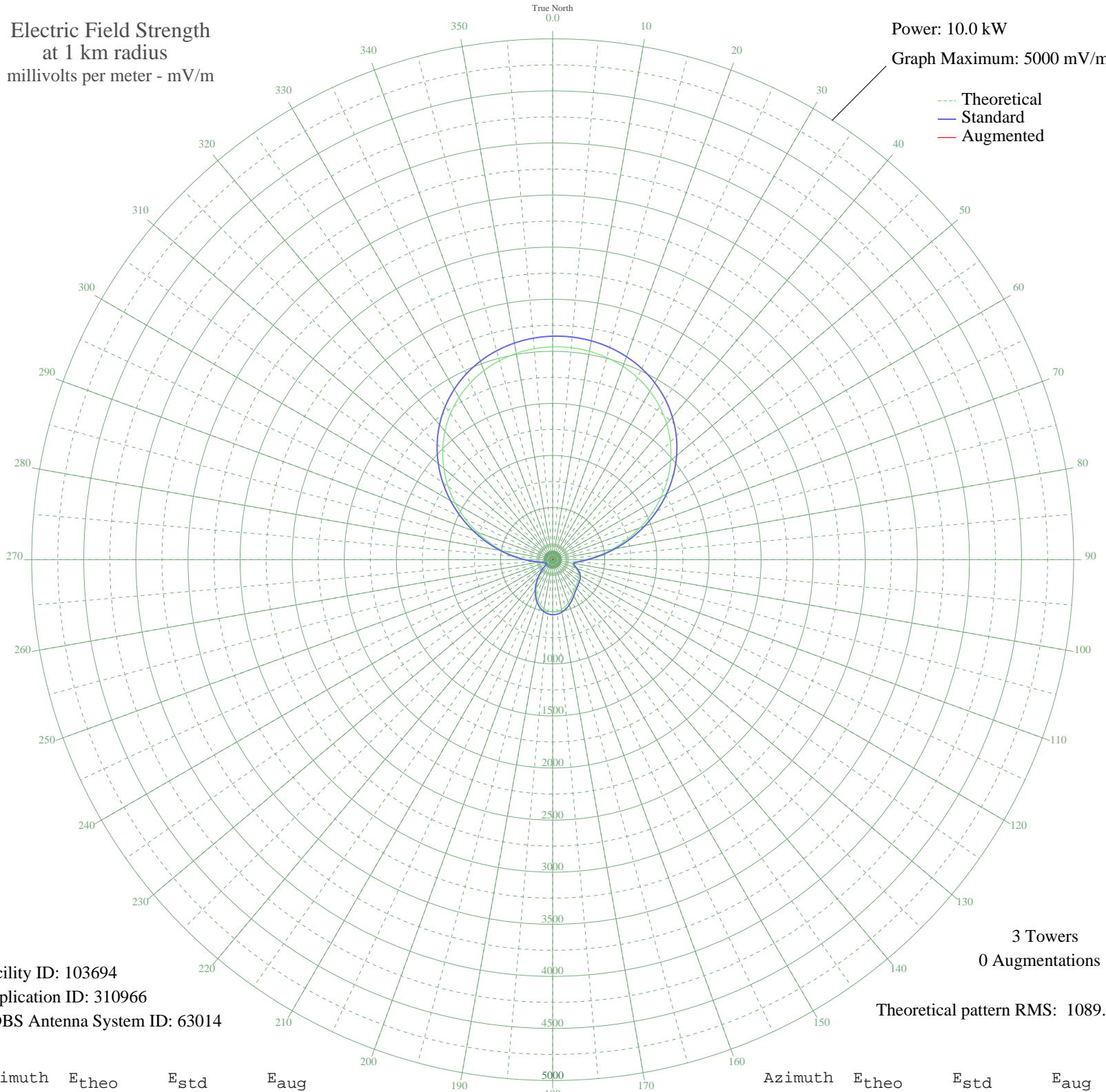


# CKOM SASKATOON, SK Canada -- 1250 kHz

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: 103694  
Application ID: 310966  
CDBS Antenna System ID: 63014

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1089.53

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2042.90	2145.39	
5	2042.58	2145.05	
10	2031.29	2133.21	
15	2008.73	2109.51	
20	1974.28	2073.36	
25	1927.20	2023.92	
30	1866.61	1960.32	
35	1791.76	1881.74	
40	1702.08	1787.59	
45	1597.42	1677.73	
50	1478.20	1552.59	
55	1345.56	1413.36	
60	1201.46	1262.12	
65	1048.73	1101.84	
70	891.09	936.44	
75	733.09	770.71	
80	580.15	610.38	
85	438.78	462.33	
90	317.60	335.70	
95	229.76	244.31	
100	191.96	205.21	
105	202.63	216.23	
110	234.20	248.91	
115	265.39	281.32	
120	288.84	305.72	
125	304.38	321.92	
130	315.14	333.13	
135	325.40	343.83	
140	339.04	358.08	
145	358.24	378.12	
150	382.85	403.83	
155	410.86	433.12	
160	439.29	462.86	
165	465.04	489.81	
170	485.39	511.12	
175	498.17	524.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	501.81	528.31	
185	495.35	521.54	
190	478.35	503.74	
195	450.92	475.03	
200	413.67	436.06	
205	367.77	388.08	
210	314.91	332.89	
215	257.34	272.95	
220	197.93	211.37	
225	140.26	152.23	
230	89.22	101.31	
235	53.68	68.29	
240	47.45	62.99	
245	60.29	74.12	
250	73.52	86.29	
255	88.71	100.81	
260	118.96	130.72	
265	174.72	187.47	
270	256.97	272.56	
275	362.31	382.37	
280	486.44	512.21	
285	624.75	657.12	
290	772.43	811.97	
295	924.61	971.61	
300	1076.62	1131.11	
305	1224.23	1286.02	
310	1363.88	1432.59	
315	1492.73	1567.84	
320	1608.79	1689.67	
325	1710.88	1796.83	
330	1798.47	1888.79	
335	1871.65	1965.61	
340	1930.89	2027.80	
345	1976.90	2076.10	
350	2010.46	2111.33	
355	2032.28	2134.24	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission