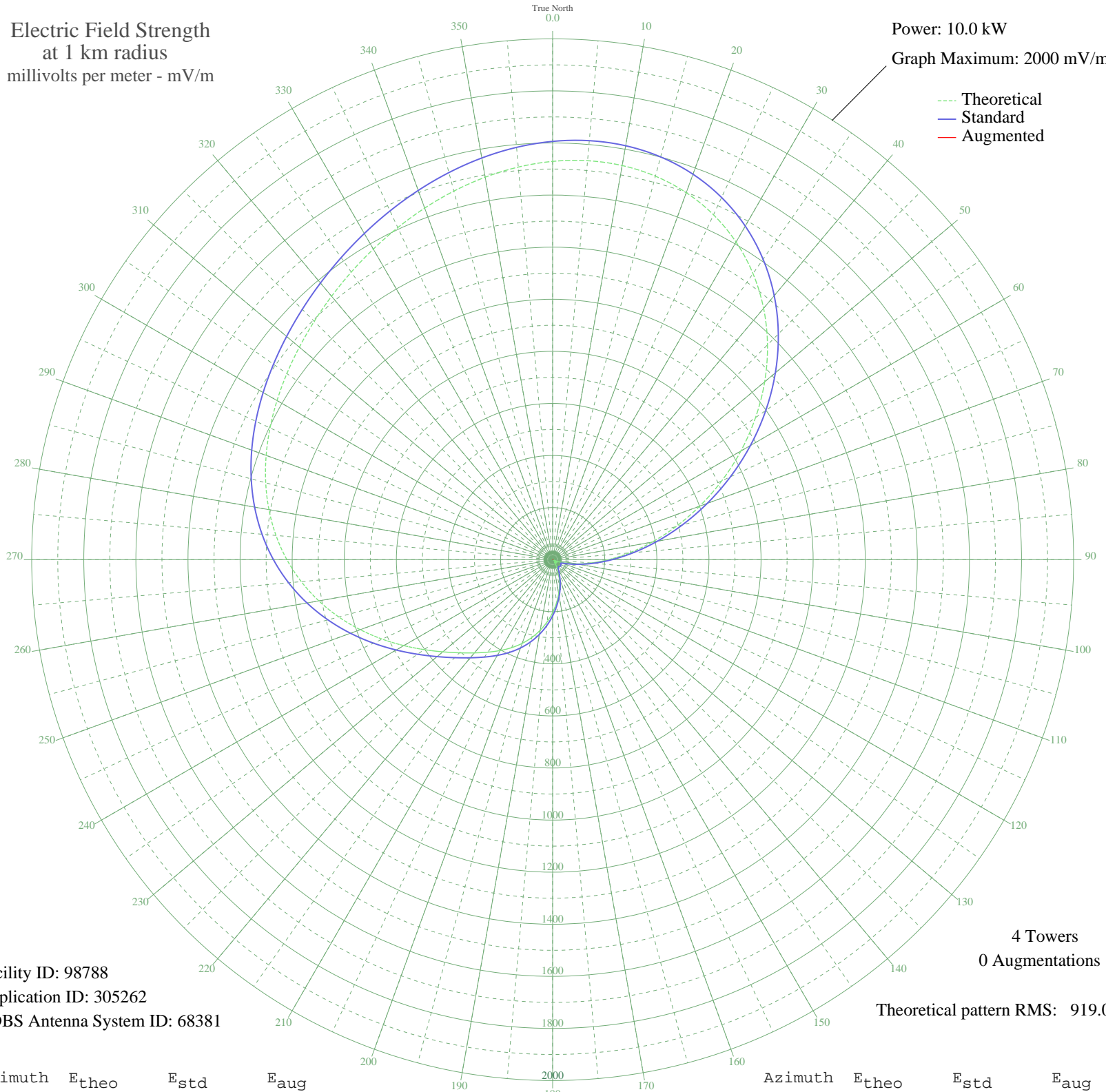


# CKOM SASKATOON, SK Canada -- 650 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98788  
Application ID: 305262  
CDBS Antenna System ID: 68381

Theoretical pattern RMS: 919.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1529.35	1606.16	
5	1537.79	1615.02	
10	1536.75	1613.93	
15	1524.55	1601.13	
20	1499.73	1575.06	
25	1461.17	1534.59	
30	1408.27	1479.05	
35	1340.97	1408.41	
40	1259.92	1323.33	
45	1166.44	1225.21	
50	1062.54	1116.16	
55	950.84	998.93	
60	834.39	876.74	
65	716.54	753.10	
70	600.68	631.58	
75	490.02	515.59	
80	387.40	408.12	
85	295.10	311.63	
90	214.72	227.89	
95	147.15	158.03	
100	92.53	102.68	
105	50.41	62.49	
110	19.91	39.24	
115	4.29	33.51	
120	14.11	36.36	
125	19.32	38.91	
130	19.28	38.89	
135	15.33	36.90	
140	10.38	34.95	
145	14.33	36.45	
150	28.69	44.83	
155	48.54	60.83	
160	72.80	83.34	
165	101.04	111.16	
170	132.69	143.23	
175	166.98	178.45	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	202.90	215.62	
185	239.33	253.48	
190	275.17	290.83	
195	309.56	326.73	
200	342.07	360.71	
205	372.86	392.91	
210	402.85	424.29	
215	433.63	456.52	
220	467.26	491.74	
225	505.78	532.10	
230	550.63	579.11	
235	602.25	633.24	
240	659.93	693.72	
245	721.98	758.81	
250	786.16	826.14	
255	850.07	893.19	
260	911.48	957.63	
265	968.65	1017.62	
270	1020.39	1071.92	
275	1066.16	1119.96	
280	1106.00	1161.78	
285	1140.48	1197.96	
290	1170.50	1229.48	
295	1197.22	1257.52	
300	1221.87	1283.39	
305	1245.61	1308.32	
310	1269.48	1333.37	
315	1294.24	1359.36	
320	1320.37	1386.79	
325	1348.03	1415.82	
330	1377.01	1446.24	
335	1406.81	1477.52	
340	1436.58	1508.77	
345	1465.19	1538.81	
350	1491.28	1566.19	
355	1513.24	1589.25	