

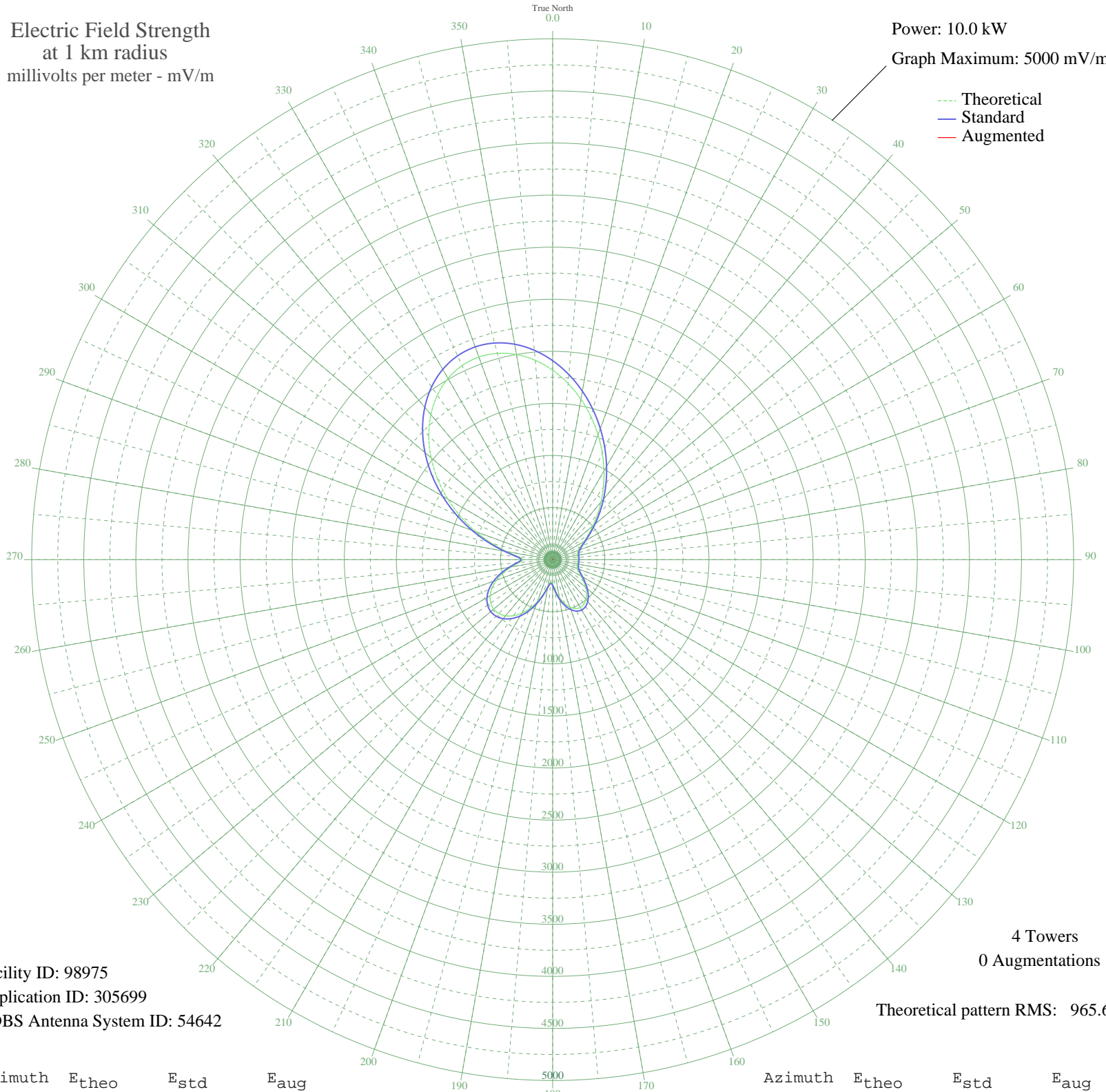
# CJGX YORKTON, SK Canada -- 940 kHz

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: 98975  
Application ID: 305699  
CDBS Antenna System ID: 54642

4 Towers  
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1819.12	1910.39	
5	1698.31	1783.55	
10	1563.86	1642.41	
15	1420.84	1492.27	
20	1273.97	1338.10	
25	1127.42	1184.28	
30	984.75	1034.55	
35	848.88	891.98	
40	722.19	759.07	
45	606.69	637.94	
50	504.22	530.54	
55	416.68	438.85	
60	346.08	364.99	
65	294.19	310.79	
70	261.36	276.55	
75	245.02	259.54	
80	239.73	254.03	
85	239.40	253.69	
90	239.58	253.87	
95	238.55	252.80	
100	237.53	251.75	
105	240.38	254.70	
110	252.28	267.10	
115	277.08	292.94	
120	314.80	332.30	
125	361.64	381.26	
130	411.82	433.76	
135	459.11	483.28	
140	497.71	523.71	
145	522.63	549.83	
150	530.09	557.65	
155	517.76	544.72	
160	485.06	510.46	
165	433.50	456.46	
170	367.30	387.18	
175	295.08	311.72	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	234.45	248.54	
185	216.14	229.51	
190	257.73	272.77	
195	336.89	355.38	
200	427.62	450.31	
205	515.80	542.67	
210	593.86	624.49	
215	657.32	691.03	
220	703.38	739.34	
225	730.40	767.69	
230	737.57	775.21	
235	724.73	761.74	
240	692.29	727.71	
245	641.22	674.15	
250	573.29	602.92	
255	491.76	517.48	
260	403.30	424.85	
265	323.47	341.37	
270	286.67	302.95	
275	331.36	349.61	
280	448.31	471.96	
285	605.60	636.80	
290	783.58	823.47	
295	971.40	1020.55	
300	1161.47	1220.03	
305	1347.22	1414.99	
310	1522.45	1598.94	
315	1681.27	1765.66	
320	1818.21	1909.43	
325	1928.56	2025.28	
330	2008.62	2109.32	
335	2055.96	2159.03	
340	2069.63	2173.38	
345	2050.18	2152.96	
350	1999.61	2099.86	
355	1921.18	2017.53	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission