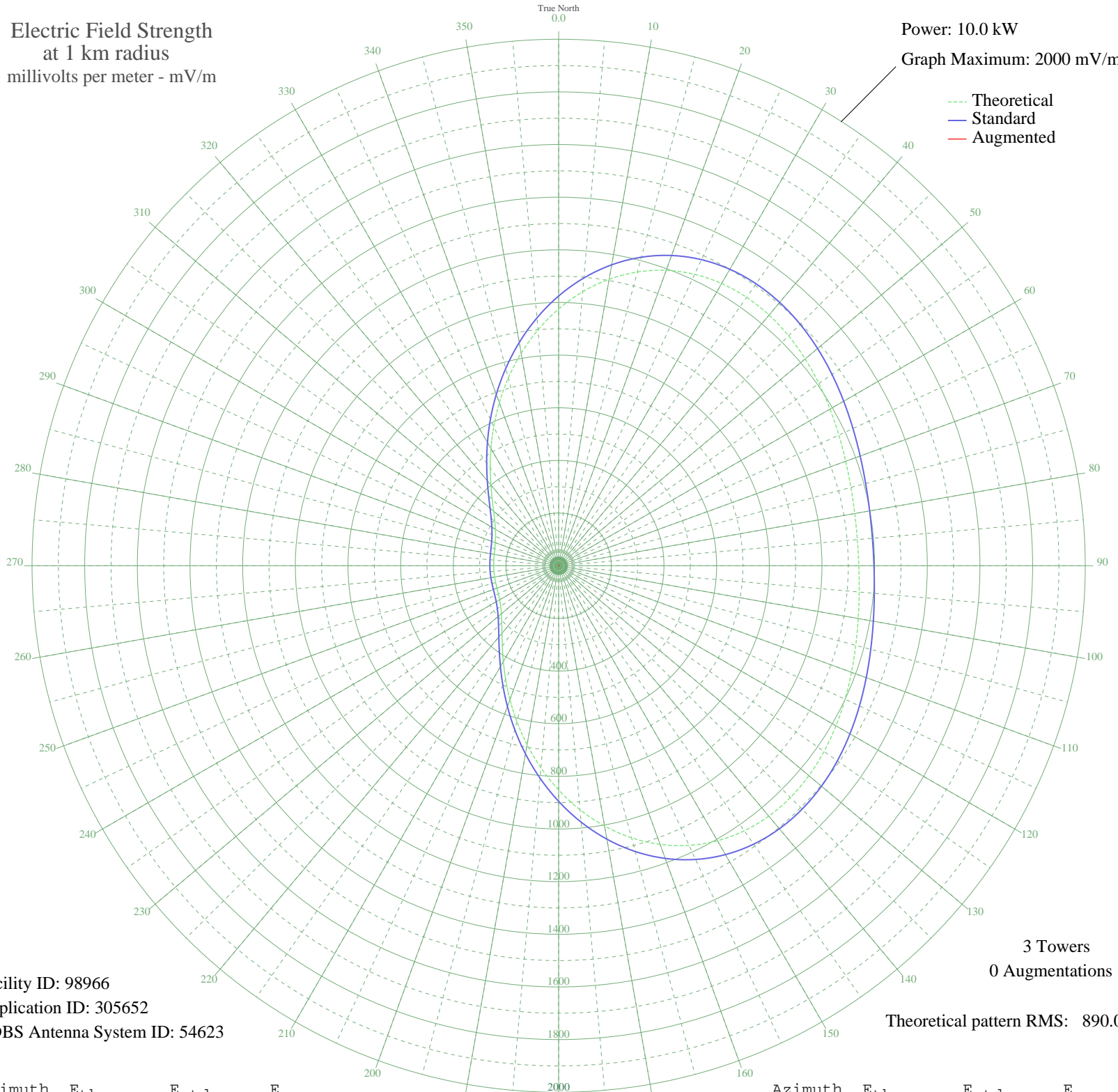


# CKNX WINGHAM, ON Canada -- 920 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98966  
Application ID: 305652  
CDBS Antenna System ID: 54623

3 Towers  
0 Augmentations

Theoretical pattern RMS: 890.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	975.32	1024.63	
5	1044.56	1097.29	
10	1105.01	1160.73	
15	1155.10	1213.31	
20	1193.97	1254.11	
25	1221.43	1282.93	
30	1237.98	1300.31	
35	1244.70	1307.36	
40	1243.09	1305.67	
45	1234.93	1297.10	
50	1222.13	1283.67	
55	1206.58	1267.35	
60	1190.06	1250.01	
65	1174.14	1233.30	
70	1160.15	1218.61	
75	1149.13	1207.04	
80	1141.84	1199.39	
85	1138.76	1196.16	
90	1140.09	1197.55	
95	1145.73	1203.48	
100	1155.34	1213.56	
105	1168.25	1227.11	
110	1183.54	1243.16	
115	1200.00	1260.43	
120	1216.14	1277.38	
125	1230.26	1292.20	
130	1240.51	1302.96	
135	1244.96	1307.63	
140	1241.77	1304.29	
145	1229.31	1291.20	
150	1206.31	1267.06	
155	1172.02	1231.07	
160	1126.35	1183.14	
165	1069.89	1123.88	
170	1003.95	1054.67	
175	930.45	977.53	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	851.83	895.04	
185	770.83	810.05	
190	690.28	725.56	
195	612.86	644.36	
200	540.91	568.92	
205	476.24	501.15	
210	420.10	442.35	
215	373.06	393.12	
220	335.13	353.45	
225	305.77	322.77	
230	284.06	300.11	
235	268.83	284.22	
240	258.78	273.74	
245	252.65	267.35	
250	249.25	263.81	
255	247.59	262.08	
260	246.91	261.37	
265	246.71	261.17	
270	246.79	261.25	
275	247.23	261.71	
280	248.42	262.95	
285	251.02	265.65	
290	255.93	270.77	
295	264.26	279.45	
300	277.26	293.01	
305	296.23	312.81	
310	322.40	340.15	
315	356.82	376.13	
320	400.18	421.50	
325	452.71	476.51	
330	514.08	540.81	
335	583.31	613.37	
340	658.80	692.54	
345	738.40	776.03	
350	819.56	861.17	
355	899.46	945.02	

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