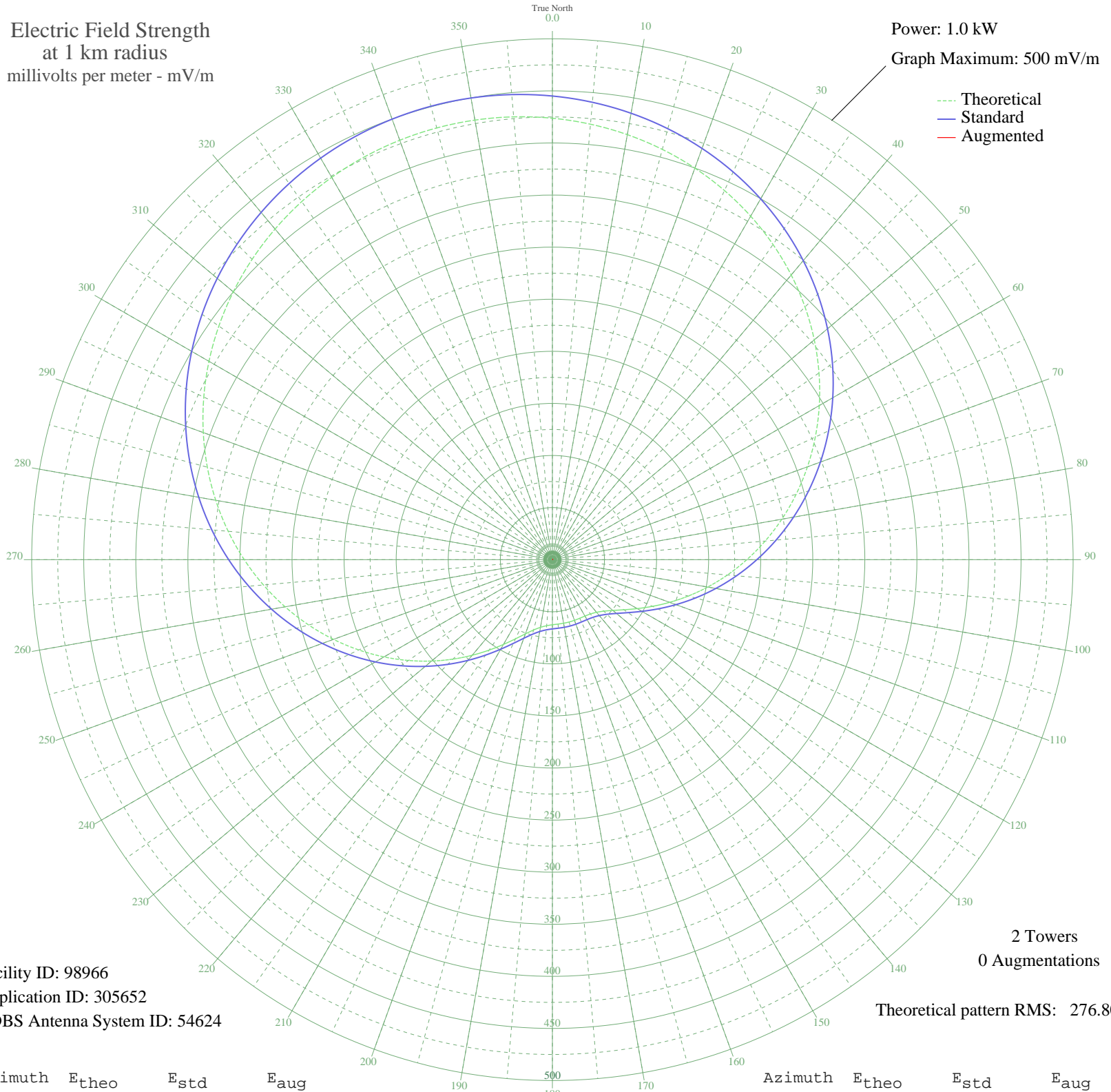


CKNX WINGHAM, ON Canada -- 920 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 98966
Application ID: 305652
CDBS Antenna System ID: 54624

2 Towers
0 Augmentations
Theoretical pattern RMS: 276.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	423.77	445.08	
5	419.63	440.74	
10	414.30	435.14	
15	407.75	428.27	
20	399.98	420.11	
25	390.98	410.67	
30	380.76	399.94	
35	369.34	387.95	
40	356.75	374.73	
45	343.03	360.33	
50	328.25	344.82	
55	312.50	328.30	
60	295.89	310.87	
65	278.55	292.67	
70	260.62	273.86	
75	242.28	254.61	
80	223.71	235.13	
85	205.11	215.62	
90	186.71	196.32	
95	168.73	177.47	
100	151.41	159.33	
105	135.01	142.15	
110	119.79	126.22	
115	106.02	111.82	
120	93.96	99.22	
125	83.84	88.66	
130	75.82	80.30	
135	69.91	74.16	
140	65.97	70.06	
145	63.66	67.66	
150	62.51	66.47	
155	62.07	66.02	
160	61.97	65.91	
165	61.96	65.90	
170	61.97	65.91	
175	62.07	66.02	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	62.51	66.47	
185	63.66	67.66	
190	65.97	70.06	
195	69.91	74.16	
200	75.82	80.30	
205	83.84	88.66	
210	93.96	99.22	
215	106.02	111.82	
220	119.79	126.22	
225	135.01	142.15	
230	151.41	159.33	
235	168.73	177.47	
240	186.71	196.32	
245	205.11	215.62	
250	223.71	235.13	
255	242.28	254.61	
260	260.62	273.86	
265	278.55	292.67	
270	295.89	310.87	
275	312.50	328.30	
280	328.25	344.82	
285	343.03	360.33	
290	356.75	374.73	
295	369.34	387.95	
300	380.76	399.94	
305	390.98	410.67	
310	399.98	420.11	
315	407.75	428.27	
320	414.30	435.14	
325	419.63	440.74	
330	423.77	445.08	
335	426.71	448.17	
340	428.47	450.01	
345	429.05	450.63	
350	428.47	450.01	
355	426.71	448.17	

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