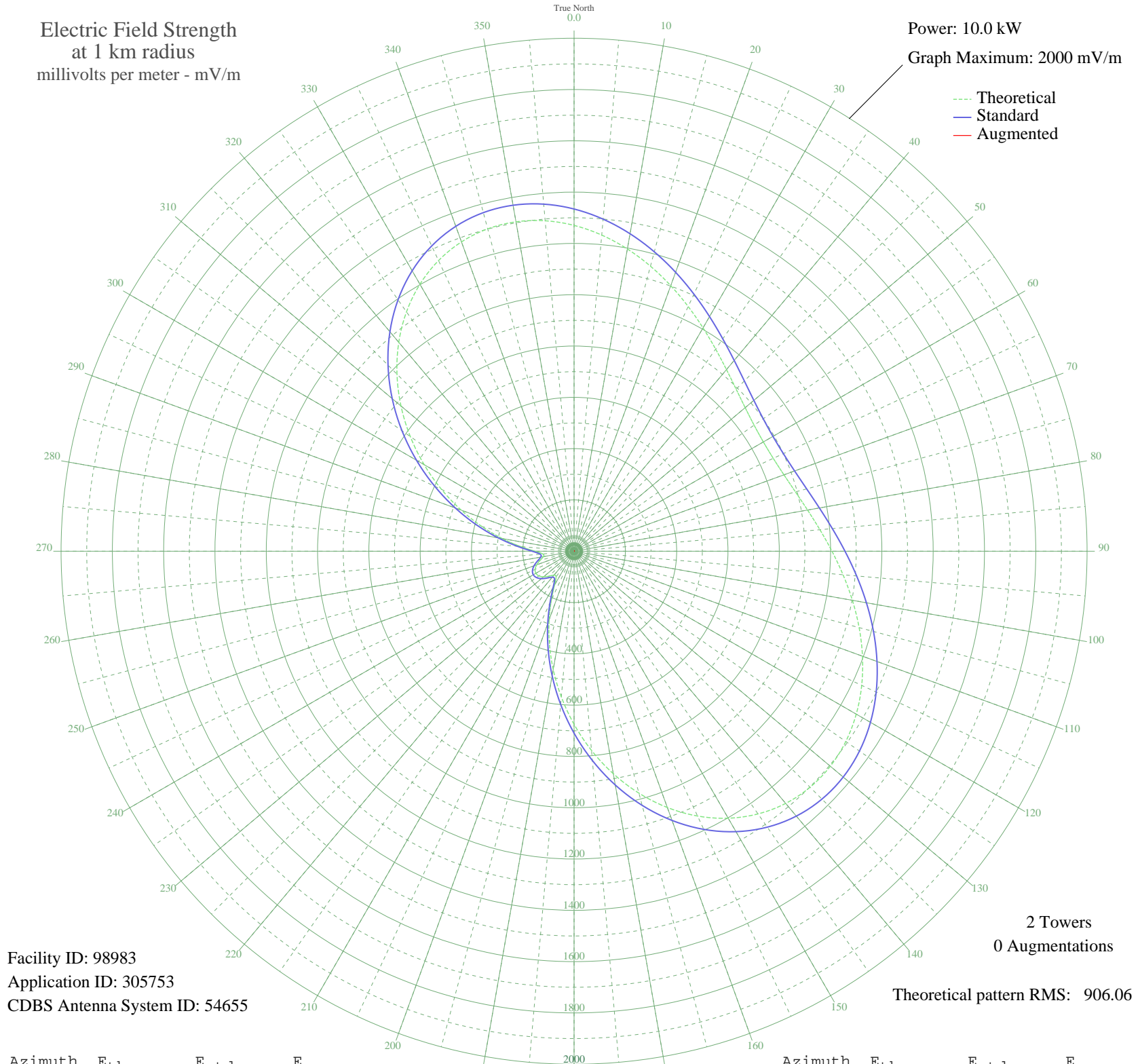


CHNS HALIFAX, NS Canada -- 960 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 98983
Application ID: 305753
CDBS Antenna System ID: 54655

2 Towers
0 Augmentations

Theoretical pattern RMS: 906.06

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1270.29	1334.22	
5	1237.28	1299.57	
10	1196.54	1256.80	
15	1150.54	1208.52	
20	1101.78	1157.35	
25	1052.68	1105.82	
30	1005.47	1056.26	
35	962.13	1010.78	
40	924.36	971.14	
45	893.56	938.82	
50	870.80	914.94	
55	856.85	900.30	
60	852.14	895.37	
65	856.85	900.30	
70	870.80	914.94	
75	893.56	938.82	
80	924.36	971.14	
85	962.13	1010.78	
90	1005.47	1056.26	
95	1052.68	1105.82	
100	1101.78	1157.35	
105	1150.54	1208.52	
110	1196.54	1256.80	
115	1237.28	1299.57	
120	1270.29	1334.22	
125	1293.25	1358.32	
130	1304.10	1369.71	
135	1301.20	1366.67	
140	1283.44	1348.02	
145	1250.29	1313.23	
150	1201.91	1262.44	
155	1139.09	1196.51	
160	1063.27	1116.92	
165	976.39	1025.75	
170	880.87	925.51	
175	779.40	819.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	674.85	709.37	
185	570.13	599.55	
190	468.14	492.67	
195	371.79	391.79	
200	284.14	300.19	
205	209.02	221.97	
210	152.25	163.28	
215	122.18	132.52	
220	121.34	131.66	
225	137.06	147.69	
230	154.92	166.02	
235	167.53	179.01	
240	171.98	183.61	
245	167.53	179.01	
250	154.92	166.02	
255	137.06	147.69	
260	121.34	131.66	
265	122.18	132.52	
270	152.25	163.28	
275	209.02	221.97	
280	284.14	300.19	
285	371.79	391.79	
290	468.14	492.67	
295	570.13	599.55	
300	674.85	709.37	
305	779.40	819.05	
310	880.87	925.51	
315	976.39	1025.75	
320	1063.27	1116.92	
325	1139.09	1196.51	
330	1201.91	1262.44	
335	1250.29	1313.23	
340	1283.44	1348.02	
345	1301.20	1366.67	
350	1304.10	1369.71	
355	1293.25	1358.32	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission