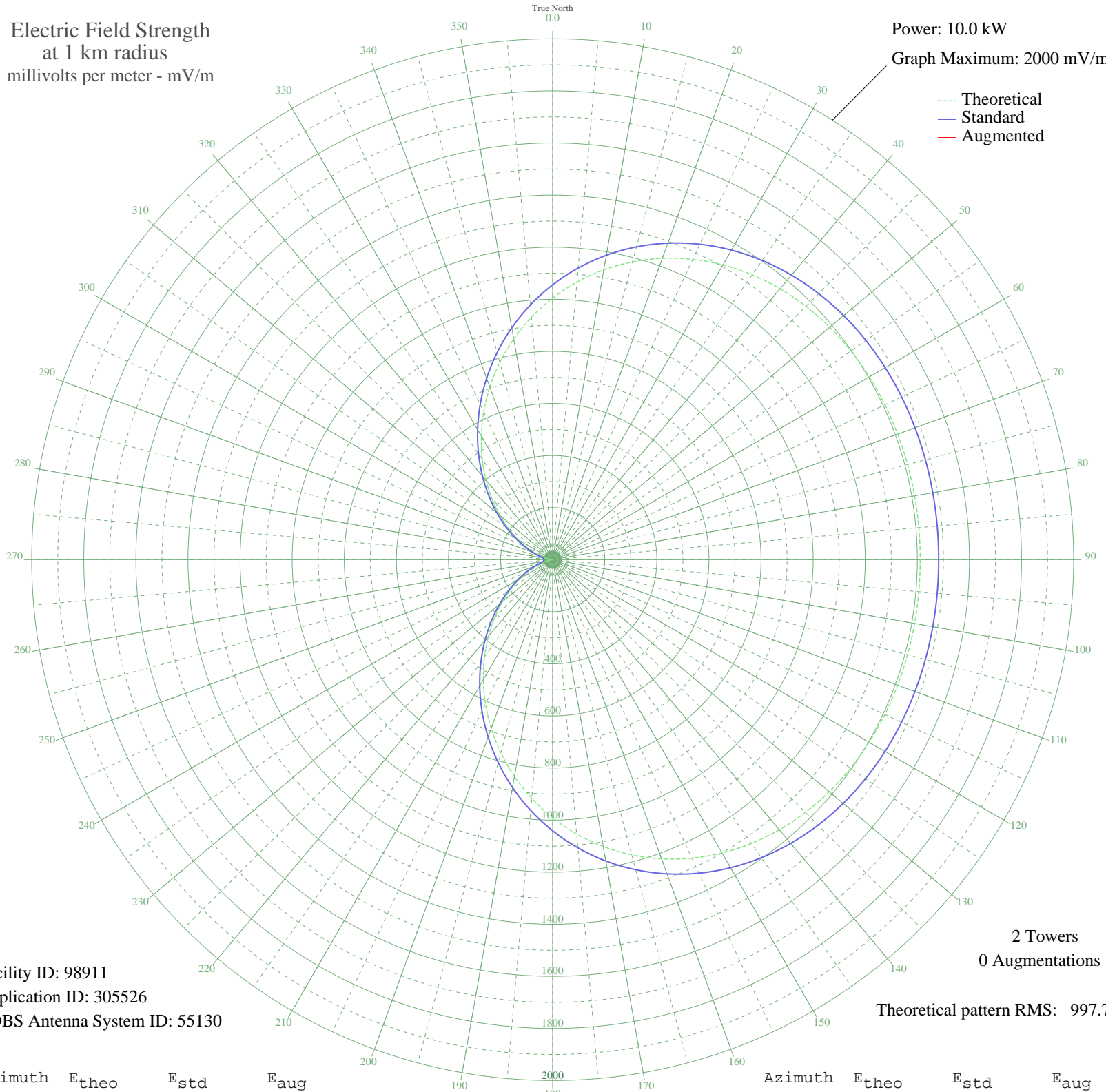


# CBH HALIFAX, NS Canada -- 860 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98911  
Application ID: 305526  
CDBS Antenna System ID: 55130

Theoretical pattern RMS: 997.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1004.60	1055.36	
5	1070.00	1123.99	
10	1129.91	1186.87	
15	1183.78	1243.42	
20	1231.28	1293.27	
25	1272.28	1336.30	
30	1306.85	1372.59	
35	1335.26	1402.42	
40	1357.94	1426.23	
45	1375.45	1444.61	
50	1388.45	1458.25	
55	1397.65	1467.91	
60	1403.78	1474.34	
65	1407.56	1478.31	
70	1409.66	1480.51	
75	1410.65	1481.55	
80	1411.01	1481.93	
85	1411.08	1482.01	
90	1411.09	1482.01	
95	1411.08	1482.01	
100	1410.97	1481.89	
105	1410.51	1481.41	
110	1409.34	1480.18	
115	1406.96	1477.68	
120	1402.76	1473.28	
125	1396.08	1466.26	
130	1386.18	1455.87	
135	1372.33	1441.33	
140	1353.84	1421.92	
145	1330.05	1396.95	
150	1300.44	1365.86	
155	1264.60	1328.24	
160	1222.30	1283.85	
165	1173.51	1232.63	
170	1118.40	1174.79	
175	1057.34	1110.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	990.93	1041.00	
185	919.92	966.49	
190	845.26	888.15	
195	768.00	807.09	
200	689.29	724.51	
205	610.31	641.69	
210	532.27	559.87	
215	456.34	480.30	
220	383.62	404.16	
225	315.12	332.53	
230	251.75	266.41	
235	194.30	206.69	
240	143.43	154.22	
245	99.70	109.83	
250	63.55	74.53	
255	35.30	49.76	
260	15.20	36.84	
265	3.42	33.40	
270	0.04	33.20	
275	5.10	33.63	
280	18.56	38.50	
285	40.30	53.79	
290	70.15	80.80	
295	107.86	118.02	
300	153.05	164.10	
305	205.28	218.08	
310	263.97	279.15	
315	328.43	346.45	
320	397.85	419.06	
325	471.30	495.98	
330	547.75	576.09	
335	626.07	658.21	
340	705.09	741.09	
345	783.61	823.46	
350	860.44	904.07	
355	934.45	981.73	

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