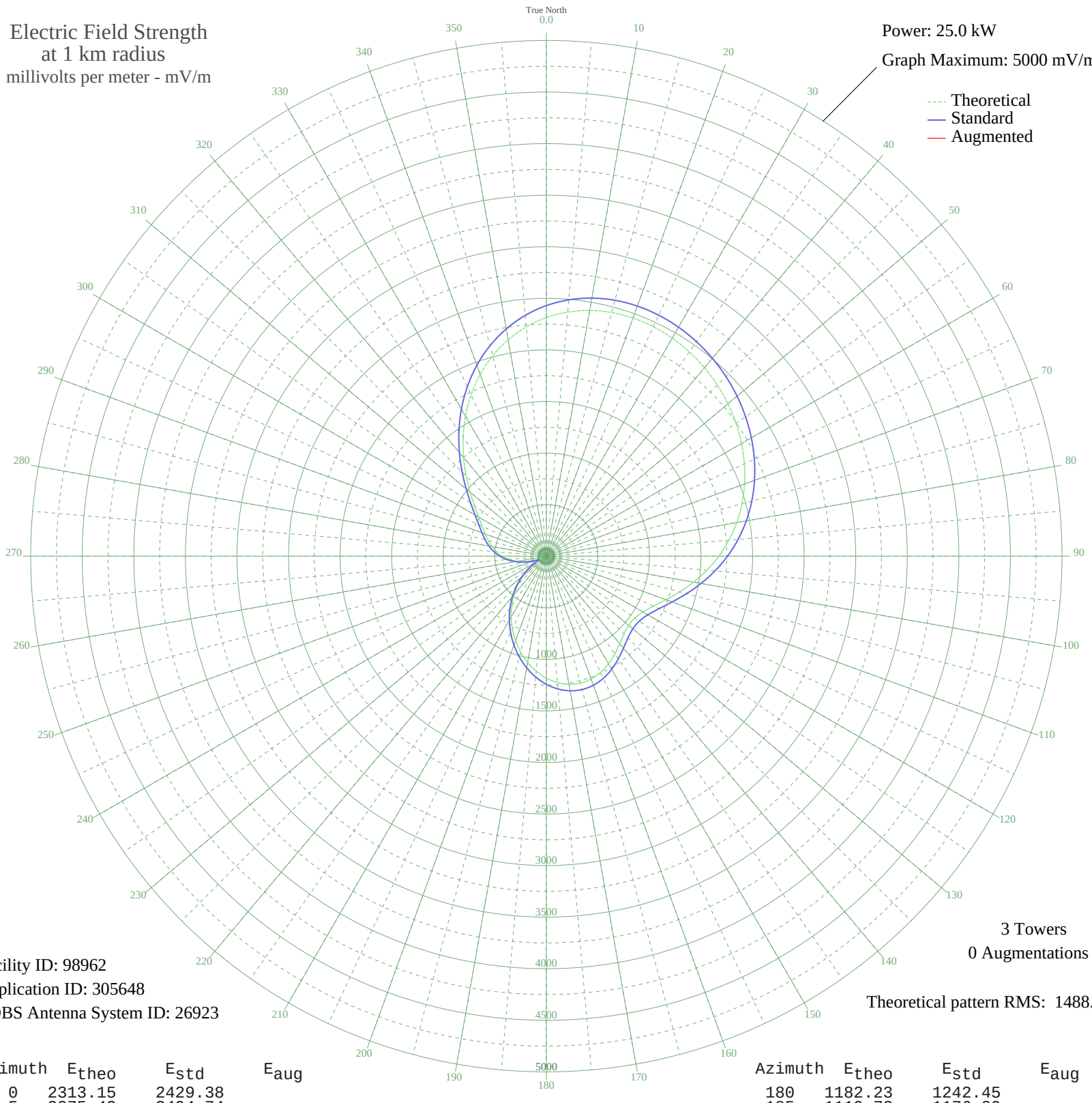
CJCH HALIFAX, NS Canada -- 920 kHz

Nighttime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 98962
Application ID: 305648
CDBS Antenna System ID: 26923

Theoretical pattern RMS: 1488.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2313.15	2429.38	
5	2375.42	2494.74	
10	2419.14	2540.64	
15	2445.75	2568.57	
20	2456.99	2580.38	
25	2454.78	2578.05	
30	2440.96	2563.55	
35	2417.22	2538.62	
40	2384.93	2504.72	
45	2345.12	2462.93	
50	2298.45	2413.94	
55	2245.23	2358.07	
60	2185.43	2295.31	
65	2118.82	2225.38	
70	2044.98	2147.87	
75	1963.51	2062.36	
80	1874.13	1968.54	
85	1776.93	1866.51	
90	1672.57	1756.98	
95	1562.61	1641.58	
100	1449.87	1523.27	
105	1338.67	1406.58	
110	1235.10	1297.92	
115	1146.76	1205.24	
120	1081.68	1136.98	
125	1046.18	1099.74	
130	1042.06	1095.42	
135	1065.25	1119.74	
140	1107.04	1163.58	
145	1156.92	1215.90	
150	1205.10	1266.44	
155	1243.85	1307.10	
160	1267.86	1332.28	
165	1274.06	1338.79	
170	1261.36	1325.47	
175	1230.22	1292.79	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1182.23	1242.45	
185	1119.73	1176.89	
190	1045.46	1098.99	
195	962.17	1011.64	
200	872.42	917.54	
205	778.35	818.96	
210	681.65	717.66	
215	583.49	614.91	
220	484.63	511.57	
225	385.62	408.29	
230	287.00	305.88	
235	189.92	206.21	
240	98.76	116.24	
245	54.02	77.29	
250	119.58	136.09	
255	204.05	220.59	
260	285.63	304.47	
265	360.50	382.15	
270	427.07	451.48	
275	485.02	511.97	
280	535.65	564.88	
285	582.29	613.65	
290	630.34	663.94	
295	686.77	723.02	
300	758.56	798.22	
305	850.68	894.76	
310	964.70	1014.29	
315	1098.64	1154.77	
320	1247.89	1311.34	
325	1406.42	1477.67	
330	1567.75	1646.98	
335	1725.73	1812.77	
340	1874.91	1969.36	
345	2010.90	2112.10	
350	2130.46	2237.59	
355	2231.52	2343.68	

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