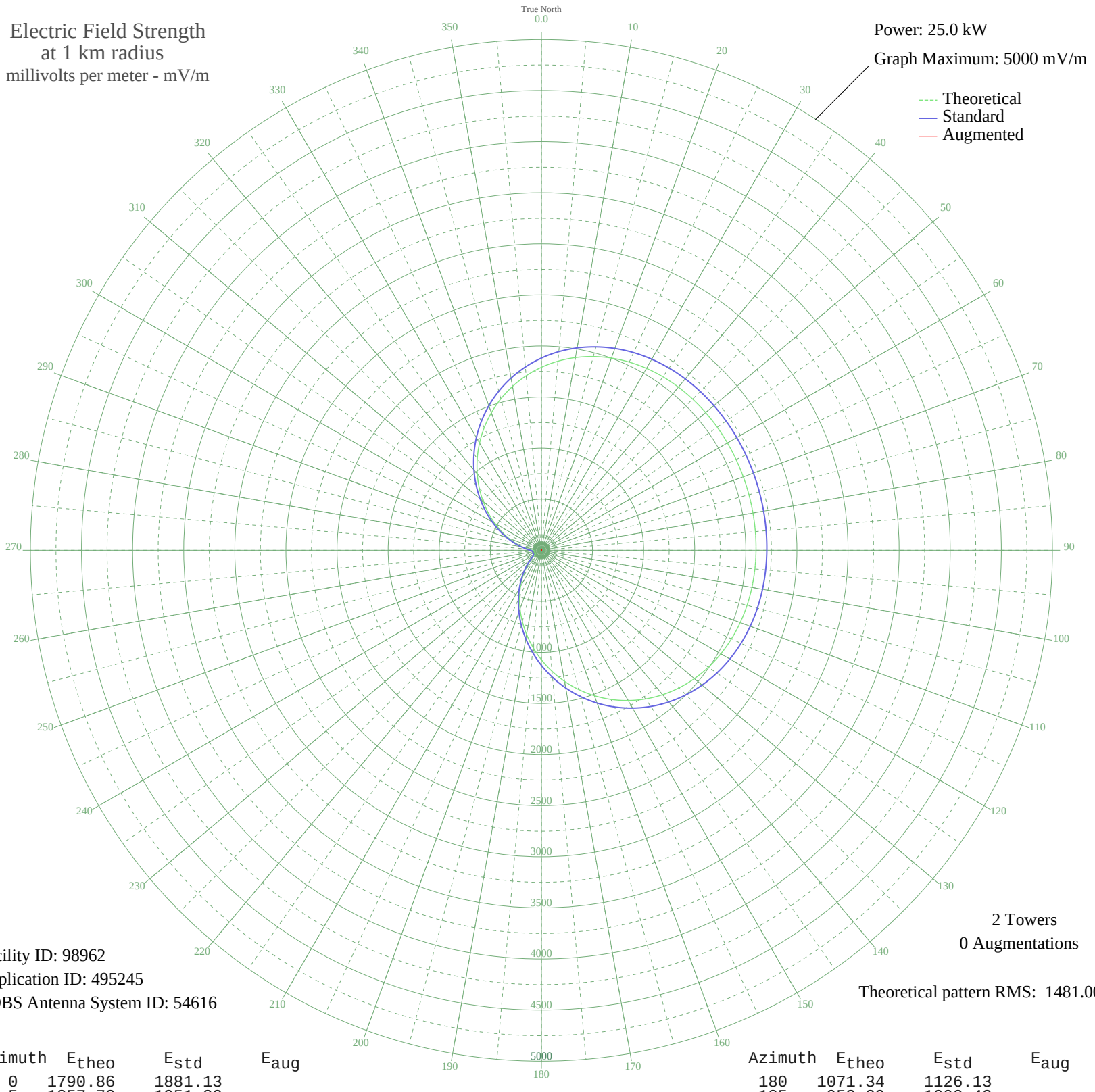
CJCH HALIFAX, NS Canada -- 920 kHz

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

2 Towers
0 Augmentations

Facility ID: 98962
Application ID: 495245
CDBS Antenna System ID: 54616

Theoretical pattern RMS: 1481.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1790.86	1881.13	
5	1857.73	1951.32	
10	1914.94	2011.37	
15	1962.74	2061.55	
20	2001.63	2102.37	
25	2032.34	2134.60	
30	2055.77	2159.20	
35	2072.93	2177.21	
40	2084.91	2189.78	
45	2092.77	2198.04	
50	2097.55	2203.05	
55	2100.16	2205.80	
60	2101.41	2207.10	
65	2101.89	2207.60	
70	2102.02	2207.75	
75	2102.01	2207.73	
80	2101.83	2207.54	
85	2101.23	2206.92	
90	2099.77	2205.39	
95	2096.79	2202.26	
100	2091.48	2196.68	
105	2082.88	2187.65	
110	2069.95	2174.08	
115	2051.62	2154.84	
120	2026.81	2128.80	
125	1994.53	2094.92	
130	1953.91	2052.28	
135	1904.26	2000.17	
140	1845.13	1938.10	
145	1776.32	1865.88	
150	1697.96	1783.64	
155	1610.48	1691.82	
160	1514.60	1591.19	
165	1411.35	1482.85	
170	1302.04	1368.14	
175	1188.14	1248.65	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1071.34	1126.13	
185	953.39	1002.43	
190	836.10	879.47	
195	721.25	759.13	
200	610.59	643.26	
205	505.74	533.61	
210	408.22	431.84	
215	319.47	339.53	
220	240.88	258.32	
225	173.97	190.06	
230	120.78	137.25	
235	84.36	102.97	
240	67.39	88.11	
245	65.29	86.35	
250	67.28	88.02	
255	66.97	87.76	
260	65.05	86.15	
265	69.29	89.72	
270	90.13	108.22	
275	130.19	146.43	
280	186.33	202.57	
285	255.72	273.59	
290	336.46	357.16	
295	427.07	451.49	
300	526.17	554.97	
305	632.31	666.00	
310	743.94	782.90	
315	859.42	903.91	
320	976.99	1027.18	
325	1094.85	1150.79	
330	1211.21	1272.85	
335	1324.32	1391.52	
340	1432.53	1505.08	
345	1534.40	1611.97	
350	1628.67	1710.91	
355	1714.39	1800.87	

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
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