

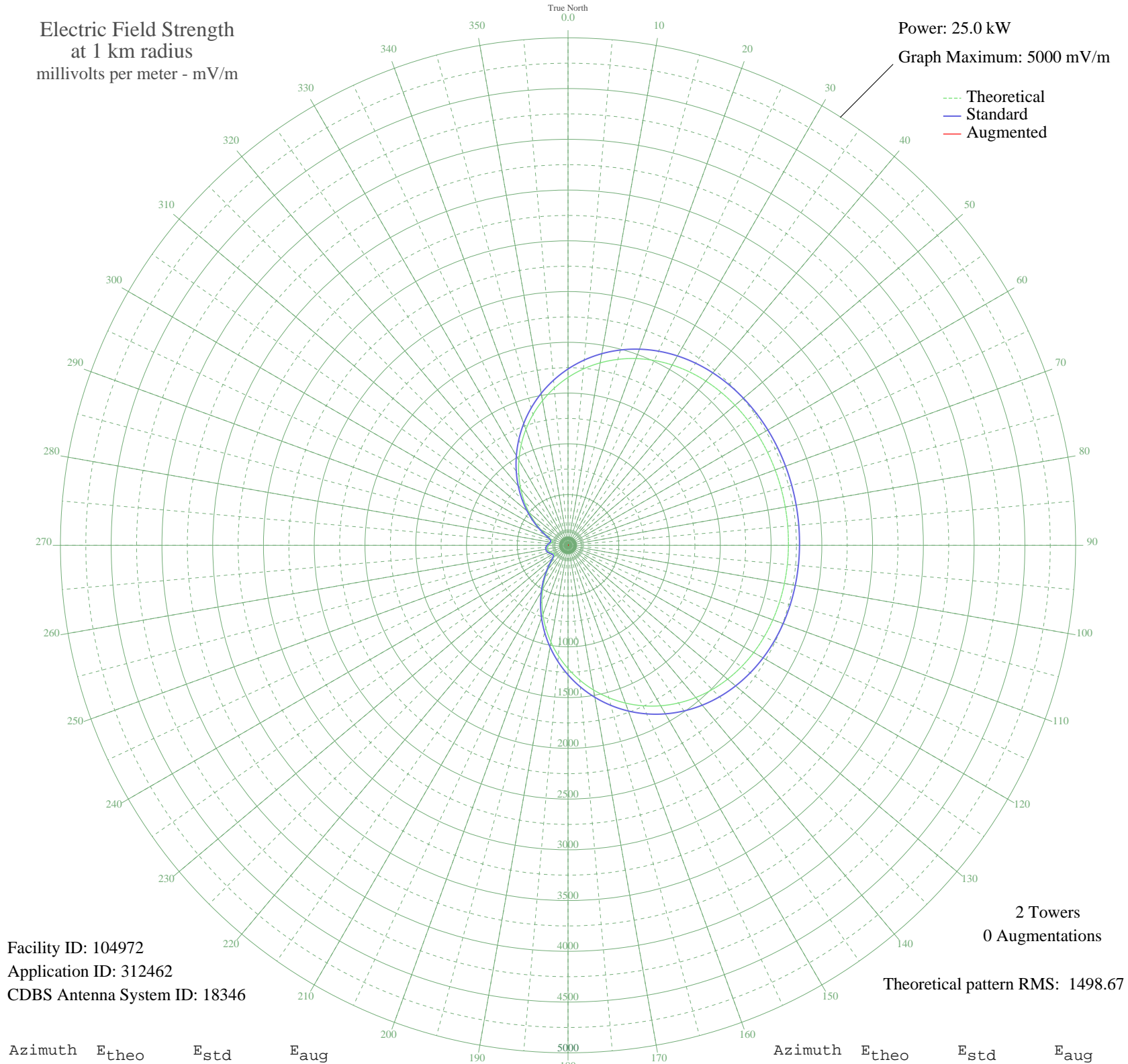
CKEC NEW GLASGOW, NS Canada -- 1320 kHz

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



Facility ID: 104972
Application ID: 312462
CDBS Antenna System ID: 18346

2 Towers
0 Augmentations

Theoretical pattern RMS: 1498.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1653.83	1737.31	
5	1744.36	1832.33	
10	1825.36	1917.35	
15	1896.48	1992.00	
20	1957.69	2056.24	
25	2009.23	2110.35	
30	2051.65	2154.87	
35	2085.67	2190.58	
40	2112.20	2218.43	
45	2132.26	2239.48	
50	2146.89	2254.85	
55	2157.16	2265.63	
60	2164.05	2272.86	
65	2168.42	2277.45	
70	2171.00	2280.15	
75	2172.33	2281.55	
80	2172.73	2281.97	
85	2172.33	2281.55	
90	2171.00	2280.15	
95	2168.42	2277.45	
100	2164.05	2272.86	
105	2157.16	2265.63	
110	2146.89	2254.85	
115	2132.26	2239.48	
120	2112.20	2218.43	
125	2085.67	2190.58	
130	2051.65	2154.87	
135	2009.23	2110.35	
140	1957.69	2056.24	
145	1896.48	1992.00	
150	1825.36	1917.35	
155	1744.36	1832.33	
160	1653.83	1737.31	
165	1554.44	1633.01	
170	1447.19	1520.46	
175	1333.34	1400.99	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1214.42	1276.22	
185	1092.13	1147.94	
190	968.35	1018.12	
195	845.02	888.83	
200	724.18	762.20	
205	607.87	640.42	
210	498.23	525.77	
215	397.61	420.78	
220	308.85	328.52	
225	235.90	253.20	
230	184.40	200.61	
235	159.89	175.90	
240	160.36	176.37	
245	174.30	190.39	
250	190.28	206.58	
255	201.79	218.29	
260	205.90	222.48	
265	201.79	218.29	
270	190.28	206.58	
275	174.30	190.39	
280	160.36	176.37	
285	159.89	175.90	
290	184.40	200.61	
295	235.90	253.20	
300	308.86	328.52	
305	397.61	420.78	
310	498.23	525.77	
315	607.87	640.42	
320	724.18	762.20	
325	845.03	888.83	
330	968.35	1018.12	
335	1092.13	1147.94	
340	1214.42	1276.22	
345	1333.34	1401.00	
350	1447.19	1520.46	
355	1554.44	1633.01	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission