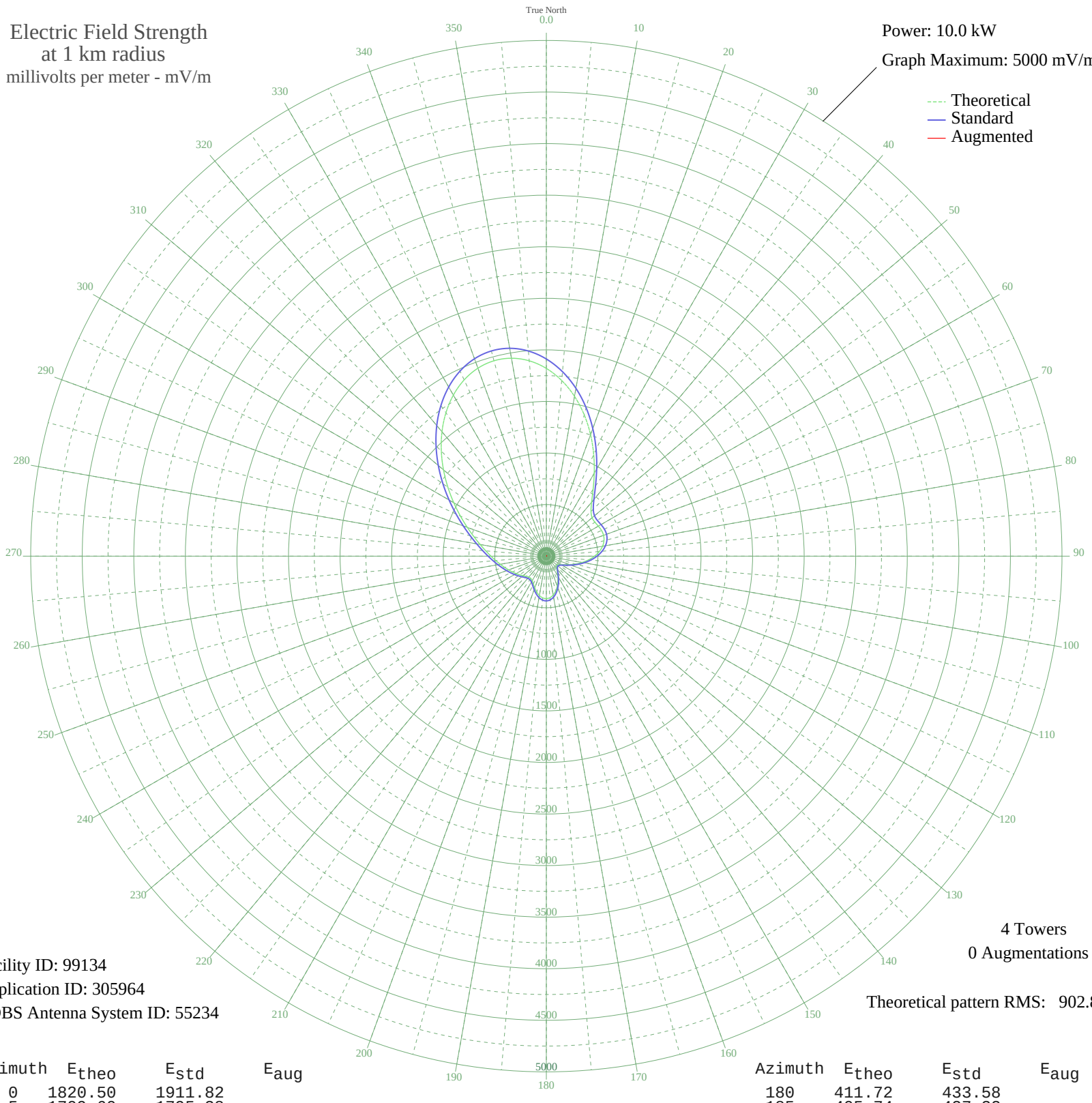
CFPL LONDON, ON Canada -- 980 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 99134
Application ID: 305964
CDBS Antenna System ID: 55234

Theoretical pattern RMS: 902.84

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1820.50	1911.82	
5	1709.60	1795.38	
10	1573.55	1652.56	
15	1418.91	1490.23	
20	1253.61	1316.71	
25	1086.83	1141.65	
30	928.80	975.80	
35	790.53	830.72	
40	682.69	717.60	
45	612.61	644.09	
50	579.77	609.66	
55	574.38	604.01	
60	582.12	612.12	
65	590.29	620.70	
70	590.56	620.97	
75	578.63	608.47	
80	553.25	581.86	
85	515.24	542.02	
90	466.81	491.28	
95	411.12	432.95	
100	351.96	371.04	
105	293.47	309.93	
110	239.93	254.10	
115	195.32	207.76	
120	162.71	174.05	
125	143.34	154.13	
130	136.48	147.10	
135	140.99	151.72	
140	156.84	167.99	
145	184.06	196.09	
150	221.02	234.43	
155	264.11	279.30	
160	308.59	325.72	
165	349.51	368.49	
170	382.41	402.90	
175	403.82	425.31	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	411.72	433.58	
185	405.74	427.32	
190	387.30	408.02	
195	359.60	379.04	
200	327.43	345.40	
205	296.76	313.36	
210	273.71	289.30	
215	262.71	277.83	
220	264.54	279.75	
225	276.42	292.13	
230	294.32	310.82	
235	315.25	332.67	
240	337.87	356.31	
245	362.19	381.75	
250	388.91	409.70	
255	418.87	441.07	
260	452.88	476.69	
265	491.79	517.44	
270	536.73	564.54	
275	589.39	619.75	
280	651.93	685.33	
285	726.66	763.72	
290	815.43	856.84	
295	918.97	965.49	
300	1036.48	1088.81	
305	1165.44	1224.16	
310	1301.76	1367.25	
315	1440.06	1512.43	
320	1574.14	1653.18	
325	1697.36	1782.54	
330	1803.19	1893.65	
335	1885.62	1980.18	
340	1939.59	2036.84	
345	1961.34	2059.68	
350	1948.72	2046.42	
355	1901.29	1996.63	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission