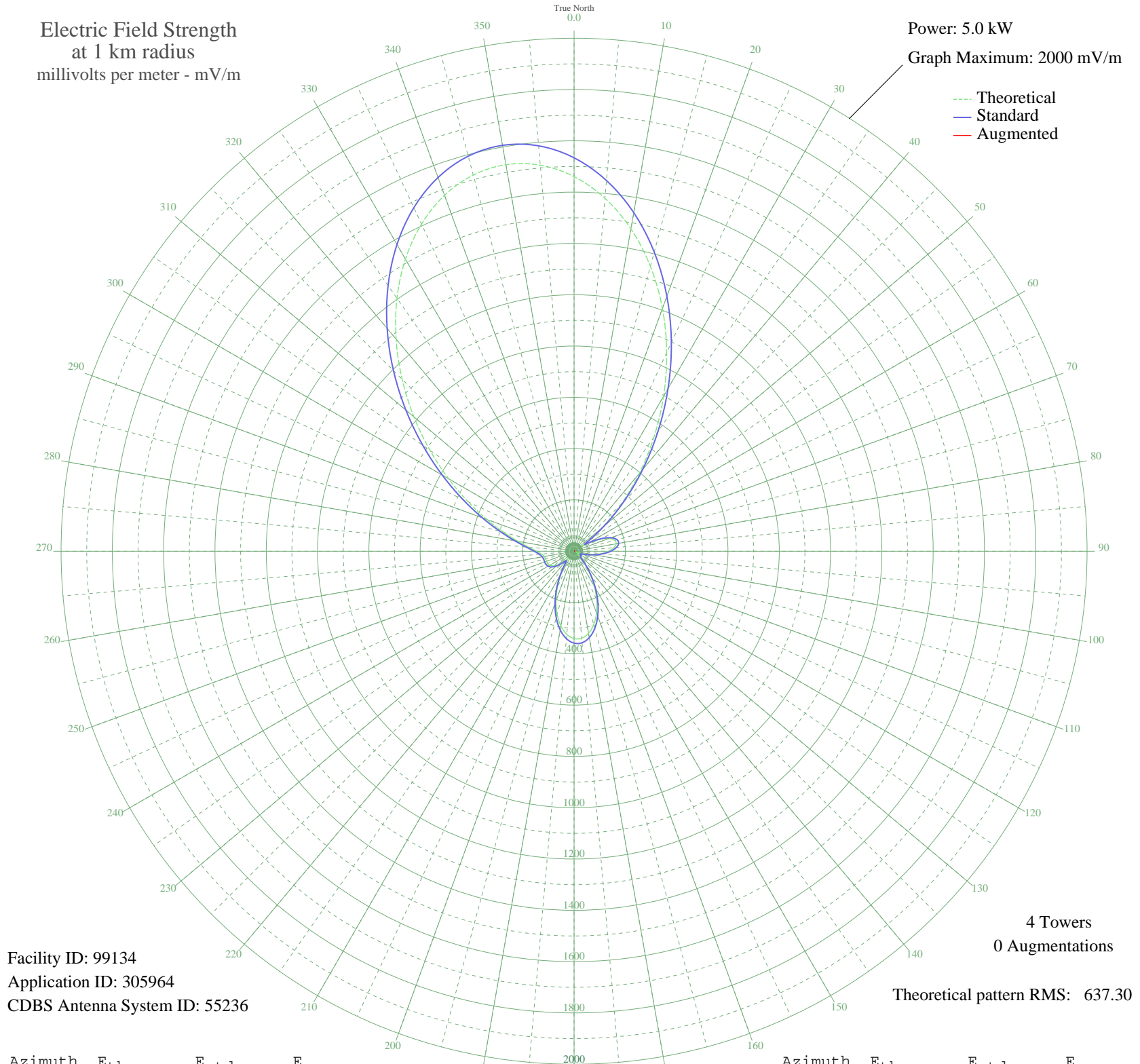


CFPL LONDON, ON Canada -- 980 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 99134
Application ID: 305964
CDBS Antenna System ID: 55236

Theoretical pattern RMS: 637.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1460.65	1533.86	
5	1381.39	1450.65	
10	1276.30	1340.32	
15	1149.78	1207.50	
20	1007.19	1057.81	
25	854.44	897.47	
30	697.70	732.96	
35	543.01	570.64	
40	395.99	416.45	
45	261.68	275.76	
50	144.85	153.89	
55	55.20	62.53	
60	56.75	64.05	
65	107.72	115.52	
70	144.63	153.66	
75	163.85	173.64	
80	166.78	176.68	
85	155.96	165.43	
90	134.56	143.22	
95	106.09	113.84	
100	74.30	81.47	
105	43.06	50.95	
110	17.07	29.54	
115	11.96	26.63	
120	21.08	32.27	
125	22.46	33.28	
130	19.22	30.96	
135	31.89	40.90	
140	64.49	71.67	
145	107.99	115.79	
150	157.32	166.84	
155	208.02	219.68	
160	255.62	269.43	
165	295.85	311.52	
170	325.02	342.08	
175	340.42	358.21	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	340.53	358.33	
185	325.25	342.32	
190	295.82	311.50	
195	254.73	268.50	
200	205.45	217.00	
205	152.15	161.47	
210	99.68	107.26	
215	55.32	62.65	
220	38.90	47.12	
225	58.40	65.66	
230	81.97	89.21	
235	99.22	106.79	
240	109.24	117.08	
245	113.43	121.39	
250	114.22	122.21	
255	114.65	122.65	
260	117.98	126.08	
265	127.47	135.89	
270	146.24	155.34	
275	177.09	187.42	
280	222.36	234.65	
285	283.62	298.72	
290	361.53	380.33	
295	455.69	479.05	
300	564.57	593.26	
305	685.53	720.19	
310	814.86	855.93	
315	947.95	995.63	
320	1079.48	1133.70	
325	1203.72	1264.13	
330	1314.88	1380.82	
335	1407.45	1478.01	
340	1476.57	1550.58	
345	1518.37	1594.46	
350	1530.20	1606.88	
355	1510.86	1586.58	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission