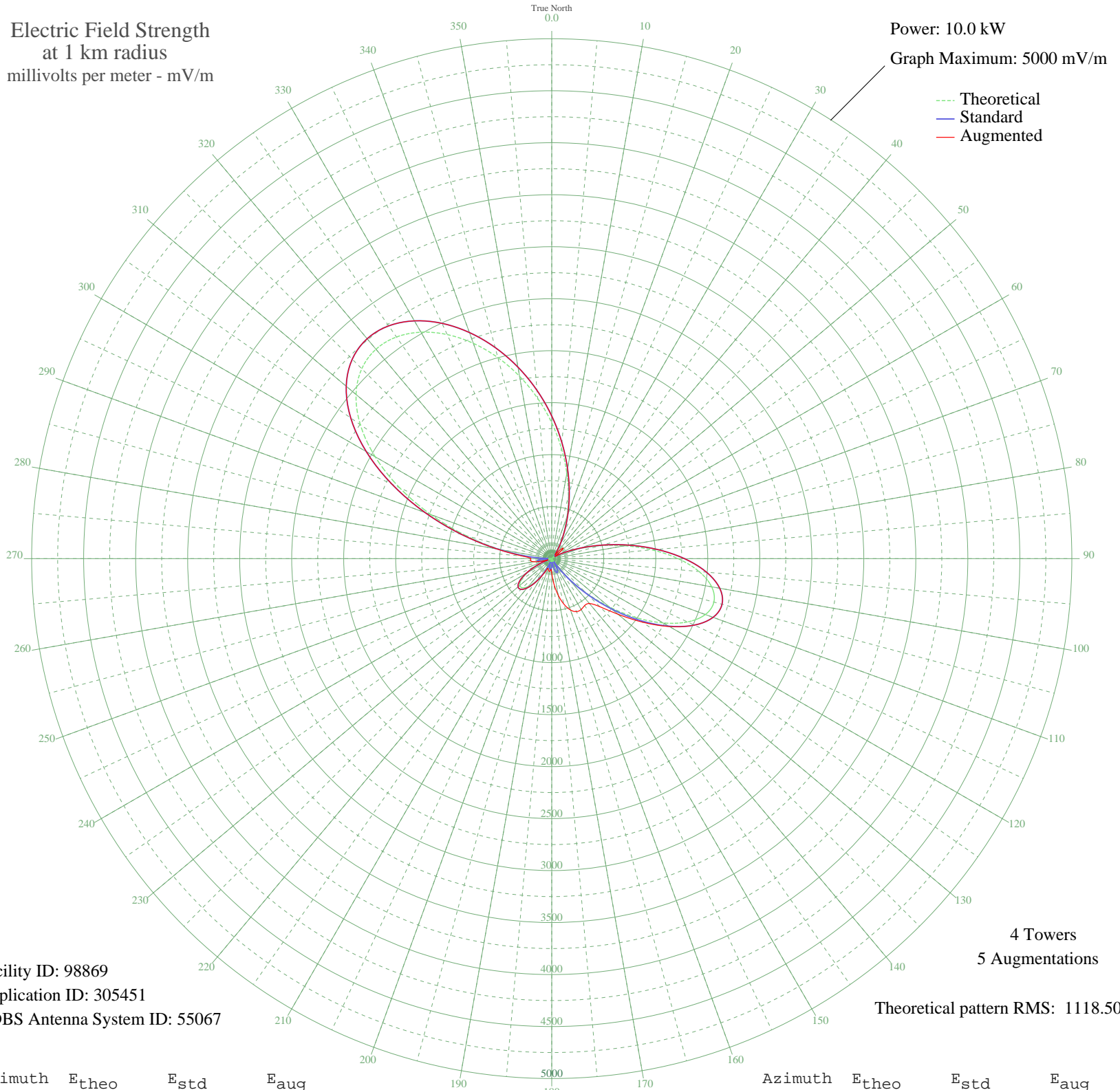


CJAD MONTREAL, QC Canada -- 800 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 98869
Application ID: 305451
CDBS Antenna System ID: 55067

4 Towers
5 Augmentations

Theoretical pattern RMS: 1118.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1306.01	1371.75	1371.75
5	1066.07	1119.91	1119.91
10	834.30	876.71	876.71
15	619.23	651.11	651.11
20	429.49	452.30	452.30
25	272.78	288.51	288.51
30	154.28	165.66	165.66
35	75.15	86.19	86.19
40	31.30	47.77	47.77
45	12.87	37.20	131.52
50	4.76	35.02	130.92
55	11.60	36.74	36.74
60	55.42	67.74	67.74
65	142.91	154.01	154.01
70	283.56	299.75	299.75
75	477.16	502.22	502.22
80	712.46	748.89	748.89
85	967.93	1016.92	1016.92
90	1214.81	1276.02	1276.02
95	1421.96	1493.46	1493.46
100	1561.48	1639.92	1639.92
105	1613.92	1694.97	1694.97
110	1571.71	1650.66	1650.66
115	1440.35	1512.77	1512.77
120	1236.95	1299.26	1305.24
125	986.79	1036.71	1064.85
130	718.75	755.48	832.39
135	460.71	484.99	653.65
140	235.81	250.01	563.50
145	59.95	71.86	551.16
150	59.10	71.08	565.00
155	121.39	132.09	562.20
160	133.57	144.47	525.26
165	107.16	117.73	453.76
170	56.60	68.80	356.18
175	2.57	34.77	245.67

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
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	55.48	67.78	141.95
185	89.46	100.13	106.28
190	95.44	106.04	124.82
195	68.93	80.25	117.65
200	10.76	36.46	100.00
205	72.83	83.97	120.21
210	170.68	182.53	194.05
215	267.98	283.51	285.74
220	348.37	367.42	367.42
225	396.52	417.78	417.78
230	401.15	422.63	422.63
235	357.76	377.24	377.24
240	270.69	286.33	286.33
245	153.81	165.18	165.18
250	29.50	46.48	62.42
255	74.28	85.35	85.35
260	128.41	139.21	170.52
265	107.82	118.39	207.62
270	3.57	34.86	200.00
275	209.29	222.47	280.33
280	499.29	525.40	534.54
285	851.24	894.47	894.47
290	1234.41	1296.59	1296.59
295	1614.81	1695.91	1695.91
300	1960.60	2058.92	2058.92
305	2246.41	2358.98	2358.98
310	2456.02	2579.06	2579.06
315	2582.90	2712.27	2712.27
320	2629.00	2760.67	2760.67
325	2602.39	2732.73	2732.73
330	2514.53	2640.49	2640.49
335	2377.78	2496.91	2496.91
340	2203.65	2314.09	2314.09
345	2001.90	2102.28	2102.28
350	1780.56	1869.91	1869.91
355	1546.46	1624.15	1624.15