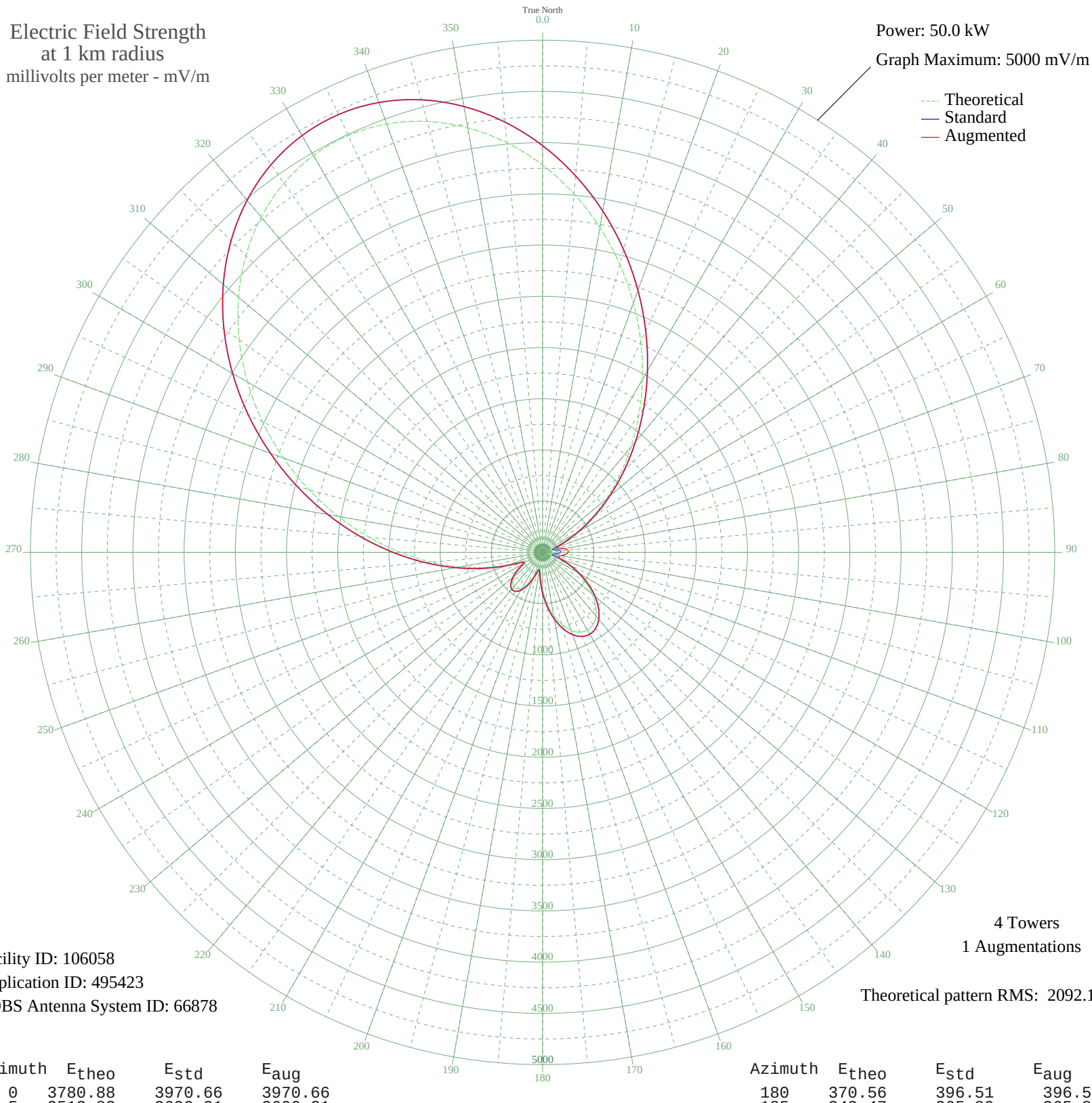
CJSB OTTAWA, ON Canada -- 540 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
1 Augmentations

Facility ID: 106058
Application ID: 495423
CDBS Antenna System ID: 66878

Theoretical pattern RMS: 2092.15

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3780.88	3970.66	3970.66
5	3513.83	3690.31	3690.31
10	3221.36	3383.29	3383.29
15	2911.26	3057.78	3057.78
20	2591.10	2721.73	2721.73
25	2267.97	2382.59	2382.59
30	1948.32	2047.16	2047.16
35	1637.91	1721.50	1721.50
40	1341.81	1410.96	1410.96
45	1064.41	1120.23	1120.23
50	809.56	853.46	853.46
55	580.68	614.48	614.48
60	380.94	407.21	407.21
65	214.03	237.36	241.78
70	89.70	121.26	150.40
75	68.60	104.98	163.87
80	120.05	147.39	213.24
85	150.73	175.73	245.81
90	150.60	175.61	250.00
95	120.90	148.15	226.91
100	70.23	106.16	187.13
105	63.14	101.13	161.43
110	152.37	177.28	198.35
115	268.14	291.73	295.34
120	392.69	419.34	419.34
125	516.85	548.04	548.04
130	632.48	668.48	668.48
135	732.03	772.42	772.42
140	808.87	852.74	852.74
145	857.69	903.81	903.81
150	874.87	921.78	921.78
155	858.78	904.95	904.95
160	809.92	853.84	853.84
165	730.92	771.26	771.26
170	626.49	662.24	662.24
175	503.34	534.00	534.00

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	370.56	396.51	396.51
185	242.47	265.80	265.80
190	153.90	178.73	178.73
195	170.03	194.18	194.18
200	252.59	276.00	276.00
205	336.06	361.03	361.03
210	399.55	426.42	426.42
215	435.39	463.49	463.49
220	440.00	468.27	468.27
225	412.20	439.49	439.49
230	353.38	378.83	378.83
235	270.40	294.02	294.02
240	191.55	215.14	215.14
245	209.31	232.67	232.67
250	356.65	382.19	382.19
255	567.64	600.90	600.90
260	815.37	859.53	859.53
265	1090.51	1147.58	1147.58
270	1387.49	1458.87	1458.87
275	1701.43	1788.14	1788.14
280	2027.25	2129.98	2129.98
285	2359.34	2478.48	2478.48
290	2691.45	2827.05	2827.05
295	3016.68	3168.43	3168.43
300	3327.57	3494.79	3494.79
305	3616.35	3797.93	3797.93
310	3875.15	4069.63	4069.63
315	4096.48	4301.98	4301.98
320	4273.54	4487.87	4487.87
325	4400.70	4621.37	4621.37
330	4473.83	4698.14	4698.14
335	4490.58	4715.73	4715.73
340	4450.56	4673.72	4673.72
345	4355.37	4573.77	4573.77
350	4208.43	4419.51	4419.51
355	4014.82	4216.26	4216.26