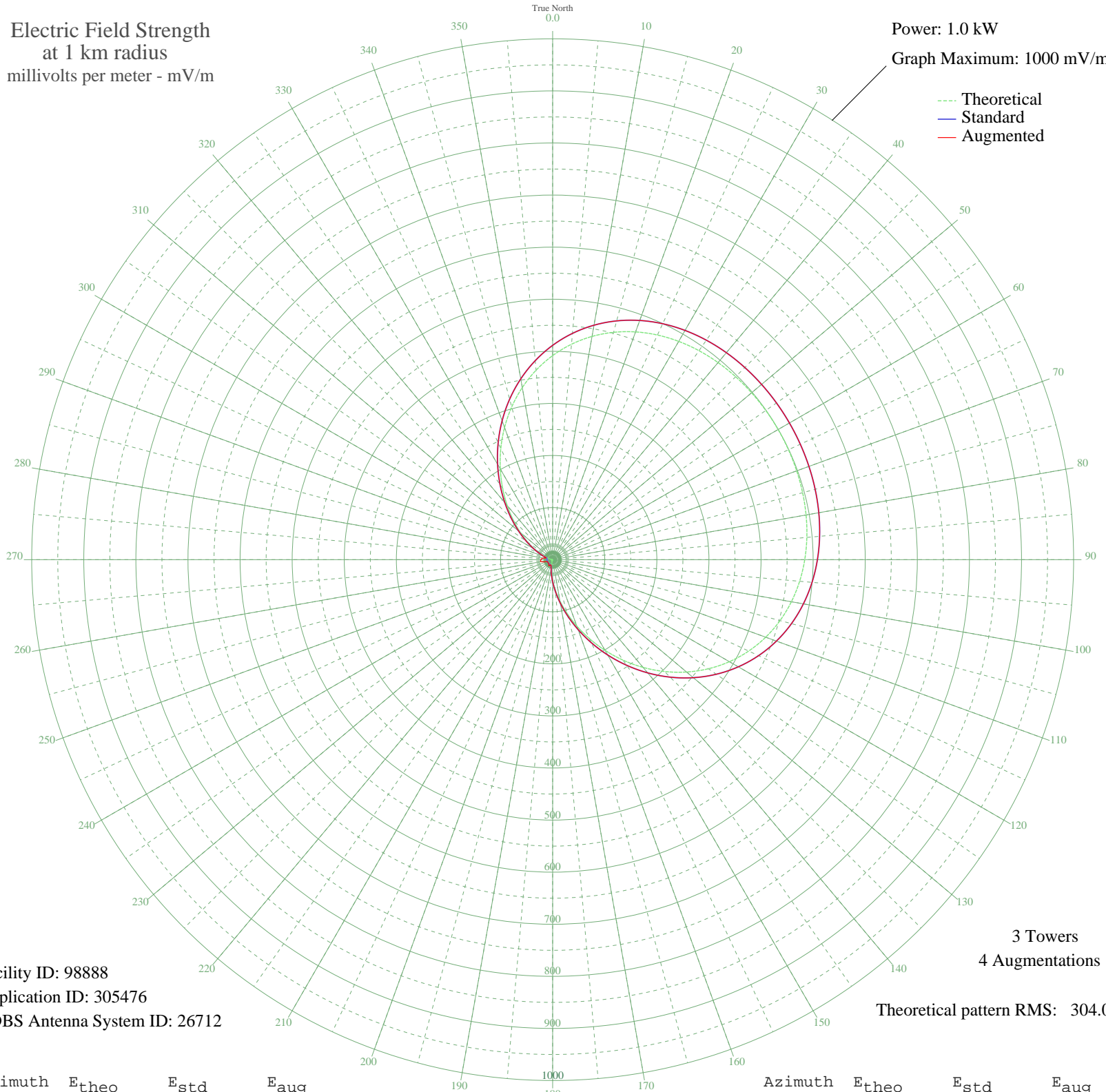


CFJR BROCKVILLE, ON Canada -- 830 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 98888
Application ID: 305476
CDBS Antenna System ID: 26712

3 Towers
4 Augmentations
Theoretical pattern RMS: 304.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	391.79	411.51	411.51
5	415.20	436.09	436.09
10	435.23	457.11	457.11
15	451.88	474.59	474.59
20	465.35	488.73	488.73
25	475.90	499.81	499.81
30	483.92	508.22	508.22
35	489.80	514.40	514.40
40	493.95	518.75	518.75
45	496.74	521.68	521.68
50	498.49	523.52	523.52
55	499.44	524.51	524.51
60	499.73	524.83	524.83
65	499.44	524.51	524.51
70	498.49	523.52	523.52
75	496.74	521.68	521.68
80	493.95	518.75	518.75
85	489.80	514.40	514.40
90	483.92	508.22	508.22
95	475.90	499.81	499.81
100	465.35	488.73	488.73
105	451.88	474.59	474.59
110	435.23	457.11	457.11
115	415.20	436.09	436.09
120	391.79	411.51	411.51
125	365.13	383.53	383.53
130	335.58	352.51	352.51
135	303.64	318.99	318.99
140	270.01	283.70	283.70
145	235.50	247.50	247.50
150	201.01	211.32	211.32
155	167.44	176.12	176.12
160	135.66	142.83	142.83
165	106.43	112.24	112.24
170	80.35	85.02	85.02
175	57.85	61.65	61.65

Azimuth	E _{theo}	E _{std}	E _{aug}
180	39.15	42.43	42.43
185	24.25	27.54	27.54
190	12.99	17.21	17.21
195	5.03	11.76	11.76
200	0.06	10.50	10.50
205	2.82	10.91	11.28
210	3.78	11.23	13.70
215	3.52	11.13	13.28
220	2.52	10.83	10.93
225	1.26	10.58	10.58
230	0.08	10.50	10.50
235	0.74	10.53	10.53
240	1.03	10.56	10.56
245	0.74	10.53	10.53
250	0.08	10.50	10.50
255	1.26	10.58	15.68
260	2.52	10.83	22.42
265	3.52	11.13	23.53
270	3.78	11.23	22.50
275	2.82	10.91	21.13
280	0.06	10.50	17.49
285	5.03	11.76	12.72
290	12.99	17.21	17.21
295	24.25	27.55	27.55
300	39.15	42.43	42.43
305	57.85	61.65	61.65
310	80.35	85.02	85.02
315	106.43	112.24	112.24
320	135.66	142.83	142.83
325	167.44	176.12	176.12
330	201.01	211.32	211.32
335	235.50	247.50	247.50
340	270.01	283.70	283.70
345	303.64	318.99	318.99
350	335.58	352.51	352.51
355	365.13	383.53	383.53

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