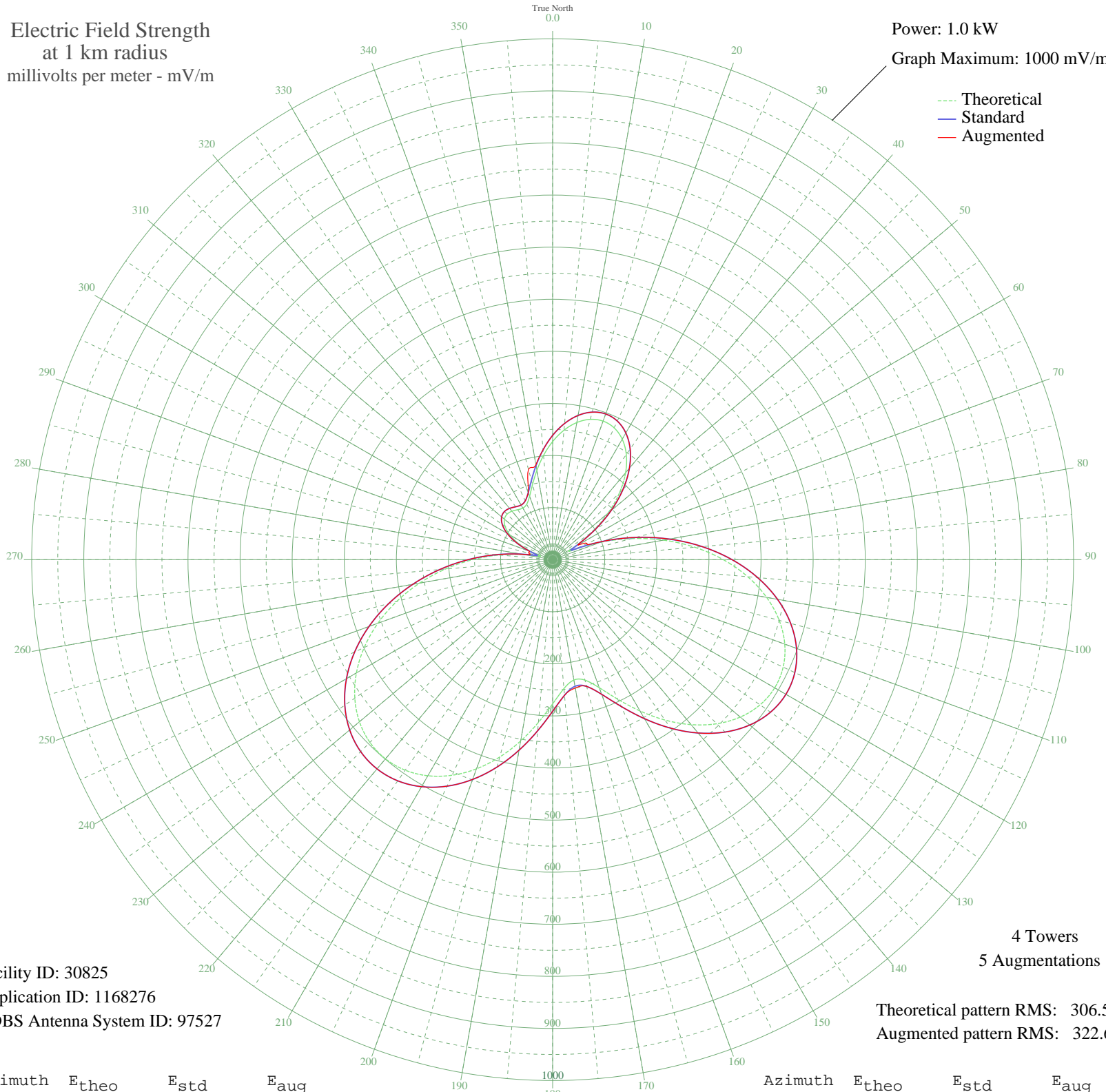


WQXI ATLANTA, GA BML-20061226ABR 790 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 30825
Application ID: 1168276
CDBS Antenna System ID: 97527

4 Towers
5 Augmentations

Theoretical pattern RMS: 306.58
Augmented pattern RMS: 322.61

Azimuth	E _{theo}	E _{std}	E _{aug}
0	226.79	238.66	238.66
5	249.53	262.49	262.49
10	267.35	281.17	281.17
15	278.88	293.25	293.25
20	283.08	297.66	297.66
25	279.28	293.68	293.68
30	267.11	280.92	280.92
35	246.52	259.33	259.33
40	217.76	229.20	229.20
45	181.40	191.13	191.13
50	138.42	146.21	146.21
55	90.63	96.48	96.48
60	44.47	49.33	56.11
65	45.03	49.88	72.39
70	96.95	103.04	103.04
75	156.33	164.92	164.92
80	216.14	227.50	227.50
85	273.86	287.99	287.99
90	327.66	344.41	344.41
95	375.90	395.02	395.02
100	417.17	438.32	438.32
105	450.24	473.02	473.02
110	474.15	498.12	498.12
115	488.24	512.90	512.90
120	492.17	517.03	517.03
125	486.00	510.54	510.54
130	470.16	493.92	493.92
135	445.53	468.08	468.08
140	413.47	434.43	434.43
145	375.87	394.99	394.99
150	335.39	352.51	352.51
155	295.64	310.82	310.82
160	261.60	275.14	275.14
165	239.44	251.91	251.91
170	234.64	246.88	250.25
175	248.44	261.35	261.35

Azimuth	E _{theo}	E _{std}	E _{aug}
180	276.84	291.12	291.12
185	313.65	329.72	329.72
190	353.44	371.45	371.45
195	392.26	412.18	412.18
200	427.34	448.99	448.99
205	456.74	479.84	479.84
210	479.09	503.30	503.30
215	493.45	518.37	518.37
220	499.22	524.42	524.42
225	496.12	521.17	521.17
230	484.15	508.61	508.61
235	463.60	487.04	487.04
240	434.99	457.02	457.02
245	399.13	419.39	419.39
250	357.03	375.22	375.22
255	309.94	325.83	325.83
260	259.28	272.71	272.71
265	206.64	217.55	217.55
270	153.73	162.20	162.20
275	102.50	108.79	108.79
280	55.69	60.60	60.60
285	24.45	30.20	47.06
290	41.55	46.44	47.90
295	70.72	75.94	75.94
300	94.68	100.68	100.68
305	111.44	118.09	118.09
310	120.85	127.88	127.88
315	123.64	130.80	130.80
320	121.47	128.53	128.53
325	117.06	123.94	123.94
330	114.36	121.12	121.12
335	117.64	124.54	124.54
340	129.48	136.88	136.88
345	149.25	157.52	179.25
350	174.13	183.52	185.07
355	200.90	211.55	211.55

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