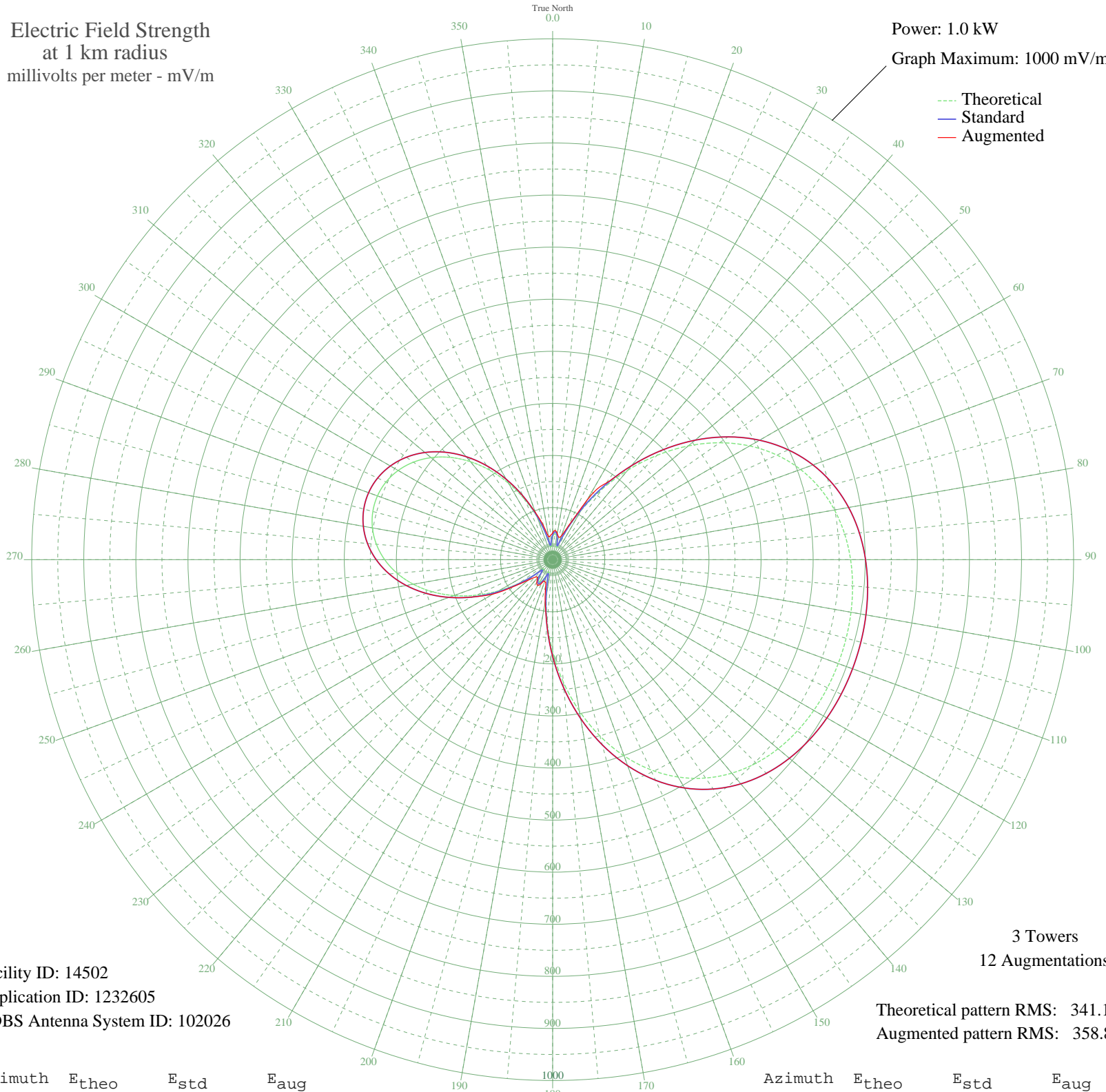


# WLAQ ROME, GA BL-20080125AEL 1410 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 14502  
Application ID: 1232605  
CDBS Antenna System ID: 102026

3 Towers  
12 Augmentations

Theoretical pattern RMS: 341.18  
Augmented pattern RMS: 358.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	44.24	47.62	51.42
5	49.94	53.48	56.08
10	44.71	48.11	51.09
15	30.39	33.60	44.84
20	27.33	30.56	48.28
25	60.39	64.27	70.78
30	109.10	115.03	131.73
35	164.99	173.56	179.57
40	224.10	235.54	235.54
45	283.22	297.56	297.56
50	339.65	356.78	356.78
55	391.28	410.98	410.98
60	436.68	458.64	458.64
65	475.10	498.96	498.96
70	506.38	531.81	531.81
75	530.90	557.55	557.55
80	549.37	576.94	576.94
85	562.72	590.94	590.94
90	571.92	600.61	600.61
95	577.91	606.90	606.90
100	581.48	610.64	610.64
105	583.18	612.43	612.43
110	583.33	612.58	612.58
115	581.95	611.14	611.14
120	578.80	607.83	607.83
125	573.35	602.10	602.10
130	564.86	593.19	593.19
135	552.42	580.14	580.14
140	535.05	561.90	561.90
145	511.81	537.50	537.50
150	481.92	506.12	506.12
155	444.94	467.30	467.30
160	400.89	421.07	421.07
165	350.41	368.08	368.08
170	294.79	309.71	309.71
175	236.01	248.04	248.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	176.66	185.79	185.79
185	119.85	126.27	126.27
190	69.30	73.52	82.80
195	31.70	34.91	51.63
200	27.45	30.68	44.70
205	42.39	45.73	49.66
210	49.79	53.32	56.85
215	46.19	49.62	53.11
220	33.59	36.80	45.47
225	24.20	27.50	47.77
230	43.64	47.01	61.12
235	79.21	83.83	87.23
240	119.68	126.10	131.97
245	161.20	169.58	169.58
250	201.40	211.73	211.73
255	238.61	250.76	250.76
260	271.63	285.40	285.40
265	299.72	314.88	314.88
270	322.45	338.74	338.74
275	339.65	356.79	356.79
280	351.27	368.99	368.99
285	357.35	375.36	375.36
290	357.90	375.94	375.94
295	352.93	370.73	370.73
300	342.42	359.70	359.70
305	326.34	342.81	342.81
310	304.70	320.11	320.11
315	277.66	291.73	291.73
320	245.57	258.07	258.07
325	209.13	219.84	219.84
330	169.41	178.19	178.19
335	127.98	134.79	134.79
340	87.07	92.02	95.73
345	50.04	53.59	66.26
350	25.63	28.88	45.18
355	30.64	33.84	46.94

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission