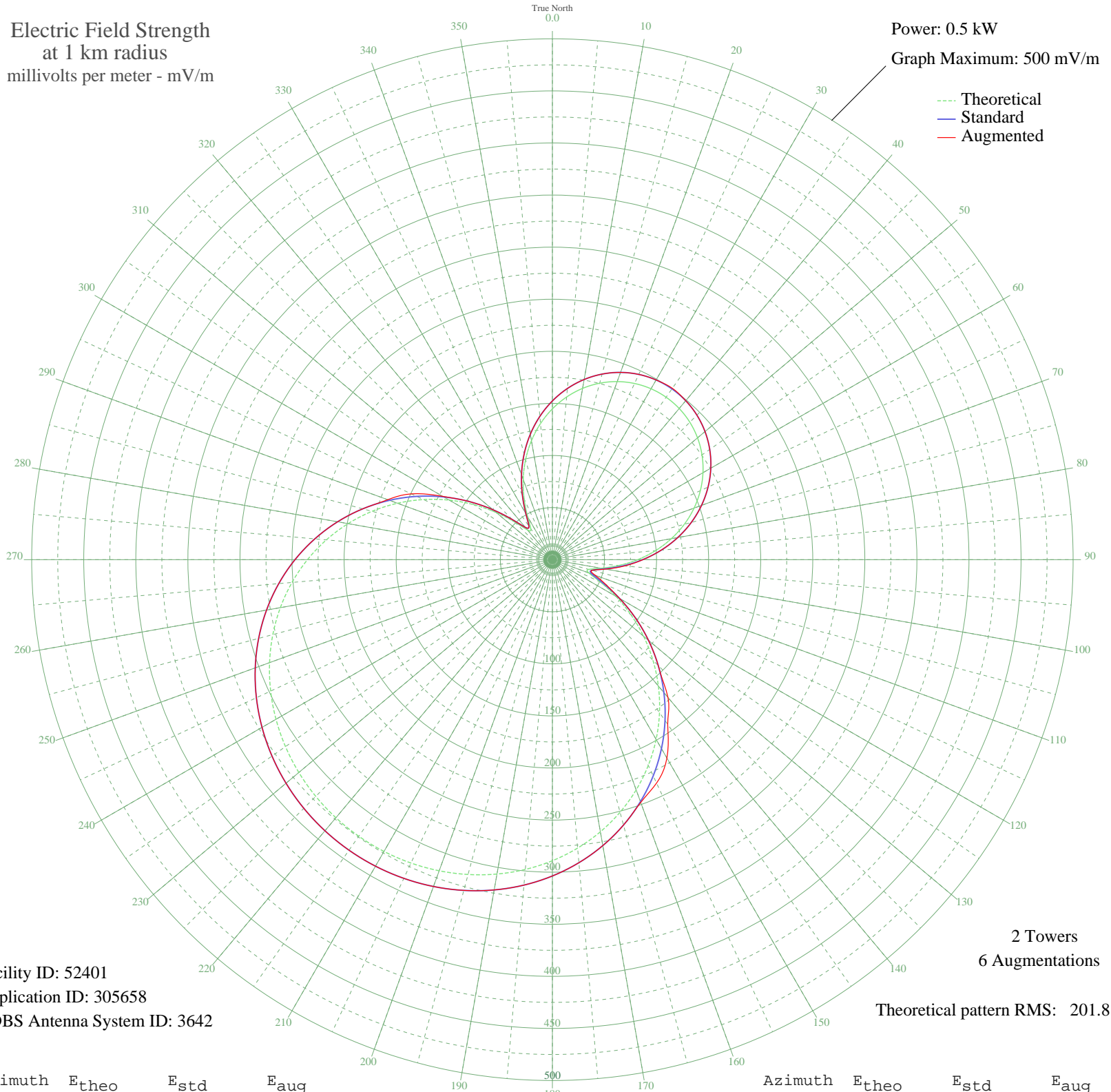


# WMGR BAINBRIDGE, GA BL-- 930 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 52401  
Application ID: 305658  
CDBS Antenna System ID: 3642

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 201.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	144.78	152.38	152.38
5	156.75	164.92	164.92
10	166.96	175.62	175.62
15	175.36	184.43	184.43
20	181.92	191.31	191.31
25	186.61	196.23	196.23
30	189.43	199.18	199.18
35	190.37	200.17	200.83
40	189.43	199.18	199.18
45	186.61	196.23	196.23
50	181.92	191.31	191.31
55	175.36	184.43	184.43
60	166.96	175.62	175.62
65	156.75	164.92	164.92
70	144.78	152.38	152.38
75	131.14	138.09	138.09
80	115.96	122.21	122.21
85	99.44	104.94	104.94
90	81.94	86.67	86.95
95	64.11	68.13	69.49
100	47.48	50.95	52.05
105	36.11	39.34	39.34
110	37.22	40.47	43.58
115	50.84	54.41	56.76
120	70.31	74.57	74.57
125	91.94	97.11	97.11
130	114.25	120.42	120.42
135	136.52	143.73	143.73
140	158.31	166.55	172.65
145	179.28	188.54	193.04
150	199.21	209.43	219.90
155	217.89	229.03	236.64
160	235.19	247.17	248.00
165	251.00	263.76	263.76
170	265.26	278.72	278.72
175	277.93	292.02	292.02

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	289.01	303.64	303.64
185	298.51	313.61	313.61
190	306.45	321.95	321.95
195	312.88	328.69	328.69
200	317.83	333.88	333.88
205	321.33	337.56	337.56
210	323.42	339.76	339.76
215	324.12	340.48	340.48
220	323.42	339.76	339.76
225	321.33	337.56	337.56
230	317.83	333.88	333.88
235	312.88	328.69	328.69
240	306.45	321.95	321.95
245	298.51	313.61	313.61
250	289.01	303.64	303.64
255	277.93	292.02	292.02
260	265.26	278.72	278.72
265	251.00	263.76	263.76
270	235.19	247.17	247.17
275	217.89	229.03	229.03
280	199.21	209.43	209.43
285	179.28	188.54	188.54
290	158.31	166.55	168.30
295	136.52	143.73	149.45
300	114.25	120.42	121.58
305	91.94	97.11	97.11
310	70.31	74.57	74.57
315	50.84	54.41	54.41
320	37.22	40.47	40.47
325	36.11	39.34	39.34
330	47.48	50.95	50.95
335	64.11	68.13	68.13
340	81.94	86.67	86.67
345	99.44	104.94	104.94
350	115.96	122.21	122.21
355	131.14	138.09	138.09