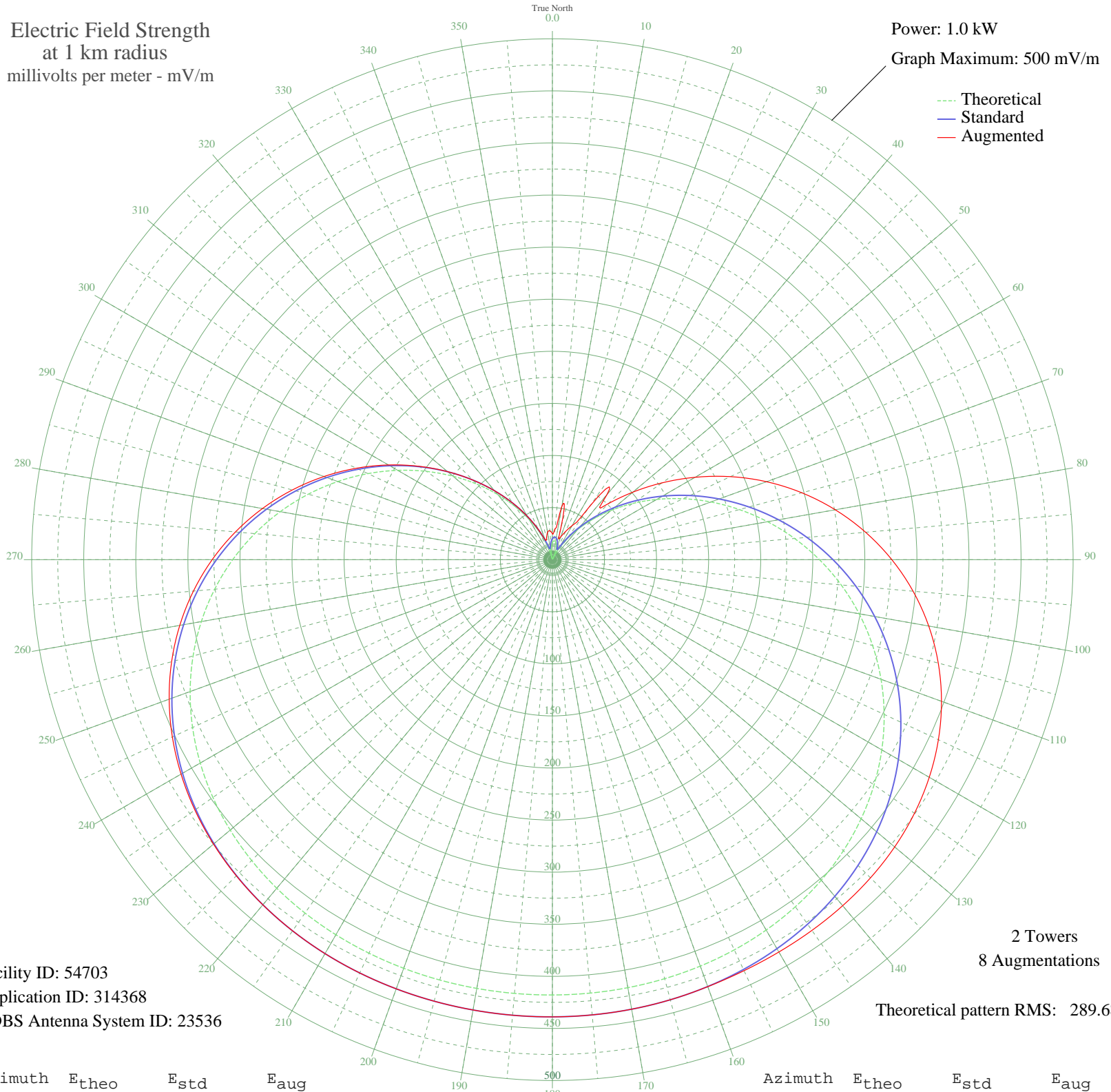


WALG ALBANY, GA BL-- 1590 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 54703
Application ID: 314368
CDBS Antenna System ID: 23536

2 Towers
8 Augmentations
Theoretical pattern RMS: 289.68

Azimuth	E _{theo}	E _{std}	E _{aug}
0	16.45	20.21	24.92
5	18.20	21.80	29.91
10	17.45	21.12	51.48
15	14.21	18.24	31.04
20	8.49	13.78	23.25
25	0.35	10.51	29.75
30	10.15	14.96	37.61
35	22.93	26.27	62.67
40	37.87	41.13	81.49
45	54.81	58.50	76.16
50	73.58	77.97	100.79
55	93.95	99.21	128.56
60	115.67	121.90	158.14
65	138.44	145.74	188.61
70	161.94	170.36	218.81
75	185.85	195.42	248.01
80	209.79	220.53	275.81
85	233.42	245.32	301.88
90	256.40	269.42	325.92
95	278.39	292.50	347.67
100	299.11	314.24	366.93
105	318.31	334.40	383.59
110	335.81	352.76	397.59
115	351.47	369.19	408.97
120	365.21	383.62	417.85
125	377.03	396.02	424.44
130	386.97	406.46	429.03
135	395.14	415.03	431.95
140	401.67	421.89	433.62
145	406.74	427.21	434.47
150	410.55	431.20	434.92
155	413.30	434.09	435.37
160	415.20	436.08	436.19
165	416.45	437.40	437.40
170	417.22	438.21	438.21
175	417.66	438.67	438.67

Azimuth	E _{theo}	E _{std}	E _{aug}
180	417.88	438.90	438.90
185	417.96	438.99	438.99
190	417.93	438.95	438.95
195	417.77	438.79	438.79
200	417.43	438.42	438.42
205	416.80	437.77	437.77
210	415.77	436.68	436.68
215	414.15	434.98	434.98
220	411.76	432.48	432.53
225	408.40	428.95	429.21
230	403.86	424.19	424.80
235	397.94	417.97	419.06
240	390.45	410.10	411.74
245	381.23	400.43	402.65
250	370.17	388.82	391.62
255	357.20	375.20	378.53
260	342.30	359.57	363.32
265	325.53	341.96	346.01
270	306.99	322.51	326.68
275	286.84	301.37	305.50
280	265.33	278.79	282.69
285	242.71	255.06	258.54
290	219.30	230.51	233.41
295	195.44	205.48	207.68
300	171.48	180.36	181.80
305	147.77	155.51	156.24
310	124.66	131.32	131.49
315	102.49	108.13	108.13
320	81.55	86.27	86.27
325	62.11	66.06	66.06
330	44.42	47.80	47.80
335	28.66	31.87	31.87
340	15.00	18.93	20.43
345	3.57	11.15	21.48
350	5.53	12.00	26.63
355	12.22	16.58	27.85

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