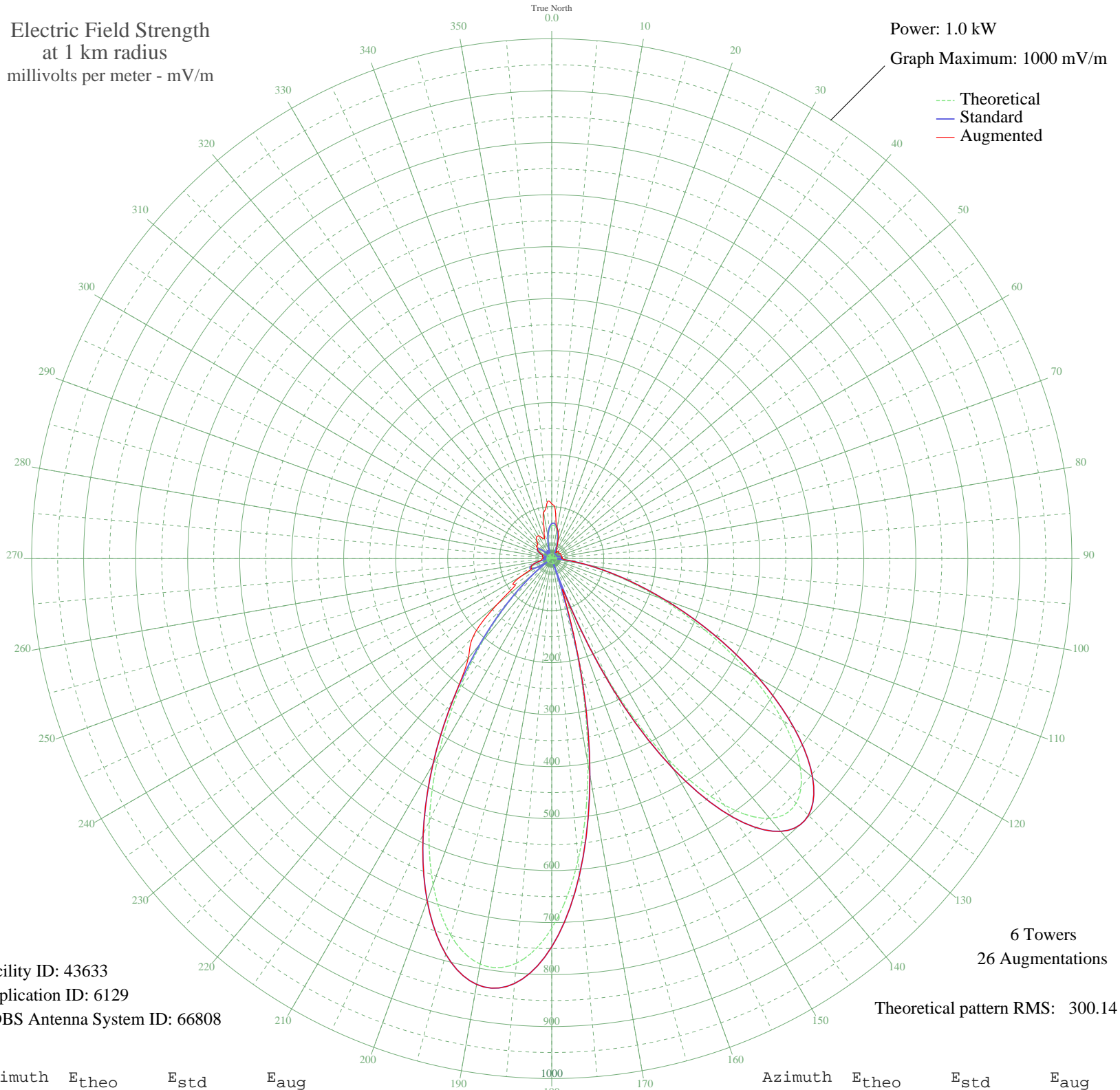


# WACV MONTGOMERY, AL BL-19781129AC 1170 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 43633  
Application ID: 6129  
CDBS Antenna System ID: 66808

6 Towers  
26 Augmentations  
Theoretical pattern RMS: 300.14

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	63.31	67.30	105.43
5	63.37	67.37	86.62
10	55.59	59.31	59.97
15	42.38	45.72	49.08
20	27.08	30.31	34.22
25	12.99	17.21	23.61
30	2.52	10.83	19.40
35	3.20	11.02	13.77
40	4.41	11.48	18.00
45	2.42	10.80	19.31
50	0.88	10.54	17.41
55	3.53	11.14	17.63
60	3.97	11.30	19.31
65	1.41	10.60	18.92
70	3.87	11.26	19.31
75	10.43	15.17	18.79
80	15.54	19.40	19.40
85	15.32	19.21	20.61
90	5.03	11.75	19.94
95	20.36	23.82	26.25
100	65.22	69.29	69.29
105	132.10	139.10	139.10
110	220.39	231.65	231.65
115	325.26	341.69	341.69
120	437.12	459.10	459.10
125	542.07	569.27	569.27
130	623.51	654.77	654.77
135	664.72	698.04	698.04
140	652.11	684.80	684.80
145	578.23	607.23	607.23
150	443.96	466.28	466.28
155	259.11	272.27	272.27
160	41.24	44.56	68.41
165	187.07	196.70	200.29
170	401.90	422.12	422.12
175	581.81	610.99	610.99

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	710.99	746.62	746.62
185	781.16	820.28	820.28
190	791.94	831.60	831.60
195	749.95	787.51	787.51
200	666.86	700.28	700.28
205	557.01	584.96	584.96
210	435.09	456.97	456.97
215	314.18	330.06	330.06
220	204.55	215.03	249.58
225	113.05	119.16	215.17
230	43.15	46.51	137.69
235	4.61	11.56	87.18
240	31.98	35.18	68.77
245	42.28	45.62	43.57
250	39.79	43.08	41.38
255	29.16	32.37	32.37
260	14.99	18.92	22.10
265	1.42	10.61	19.31
270	8.26	13.62	17.77
275	11.99	16.39	16.39
280	9.18	14.26	17.87
285	0.89	10.54	18.52
290	10.42	15.17	18.56
295	21.42	24.82	23.89
300	28.71	31.92	30.85
305	29.87	33.08	32.71
310	24.27	27.56	37.82
315	13.41	17.57	37.82
320	0.67	10.52	45.38
325	9.69	14.62	51.02
330	13.82	17.91	50.86
335	9.59	14.54	43.94
340	2.74	10.89	40.89
345	20.46	23.91	56.17
350	39.32	42.60	90.45
355	54.77	58.46	106.76