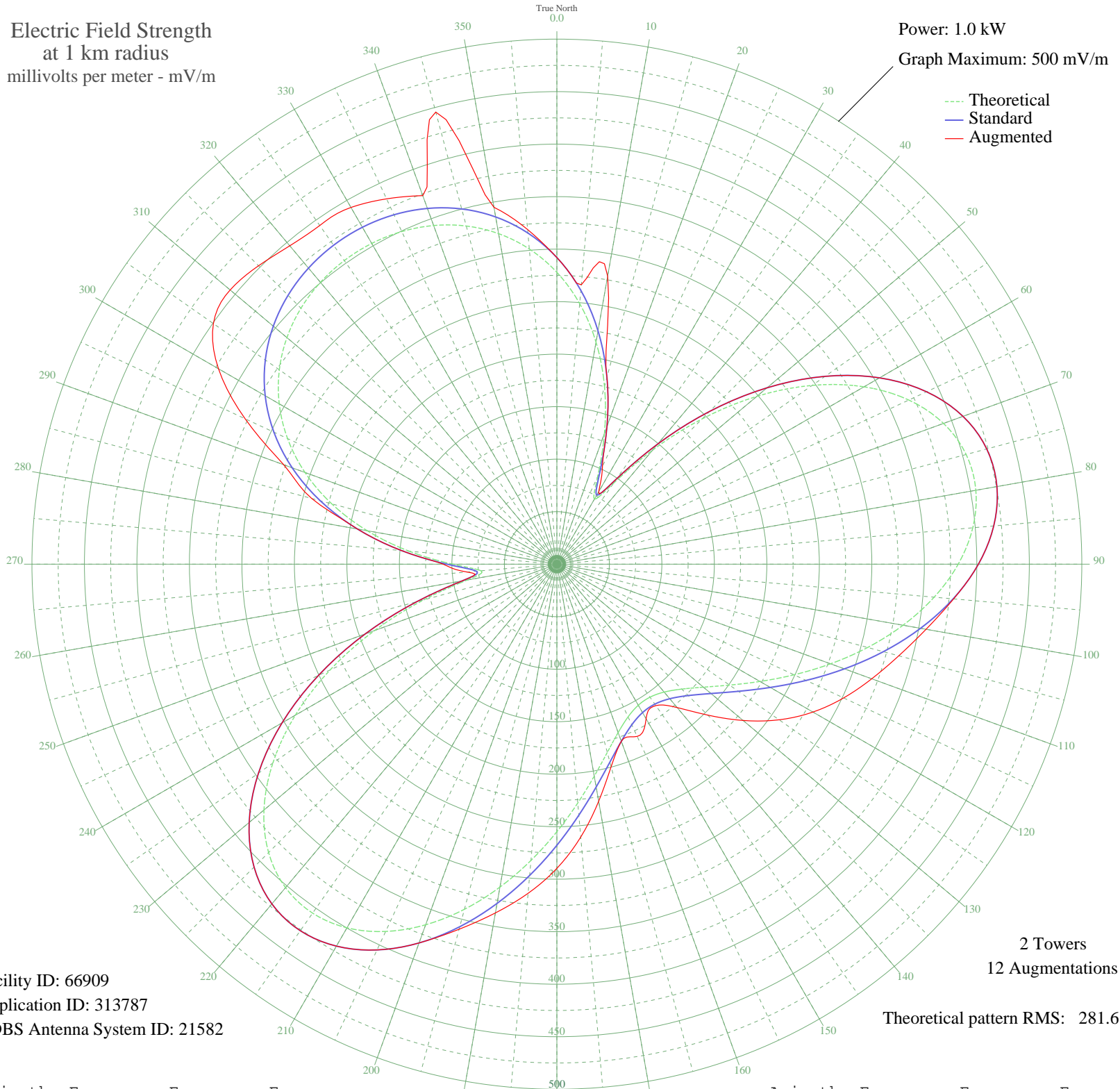


# WLWI MONTGOMERY, AL BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 66909  
Application ID: 313787  
CDBS Antenna System ID: 21582

2 Towers  
12 Augmentations

Theoretical pattern RMS: 281.61

Azimuth	Etheo	Estd	Eaug
0	277.94	292.02	292.02
5	249.09	261.76	267.08
10	214.69	225.67	278.50
15	175.22	184.28	184.28
20	132.45	139.47	139.47
25	91.89	97.06	102.74
30	71.61	75.91	79.77
35	94.10	99.36	99.36
40	141.76	149.22	149.22
45	195.69	205.75	205.75
50	248.63	261.27	261.27
55	296.84	311.86	311.86
60	337.83	354.88	354.88
65	369.87	388.50	388.50
70	391.91	411.64	411.64
75	403.60	423.91	423.91
80	405.22	425.61	425.61
85	397.67	417.69	417.69
90	382.28	401.53	401.53
95	360.72	378.90	379.33
100	334.83	351.72	357.08
105	306.47	321.96	337.13
110	277.42	291.48	319.15
115	249.27	261.95	301.38
120	223.37	234.77	281.64
125	200.76	211.06	258.38
130	182.22	191.62	231.55
135	168.22	176.94	203.25
140	158.99	167.27	178.26
145	154.62	162.69	164.42
150	155.10	163.20	170.01
155	160.45	168.80	180.99
160	170.64	179.48	179.48
165	185.58	195.14	199.68
170	204.98	215.48	229.26
175	228.31	239.96	260.84

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	254.76	267.70	289.68
185	283.20	297.55	314.63
190	312.25	328.03	337.23
195	340.26	357.43	359.93
200	365.44	383.85	383.85
205	385.91	405.34	405.34
210	399.86	419.98	419.98
215	405.67	426.08	426.08
220	402.08	422.32	422.32
225	388.33	407.88	407.88
230	364.24	382.59	382.59
235	330.30	346.98	346.98
240	287.71	302.27	302.27
245	238.32	250.46	250.46
250	184.83	194.36	194.36
255	131.37	138.34	138.34
260	86.66	91.59	91.59
265	72.51	76.86	85.81
270	99.26	104.75	108.35
275	141.10	148.52	148.52
280	183.46	192.92	192.92
285	222.00	233.34	241.78
290	255.31	268.28	276.91
295	283.04	297.38	327.64
300	305.37	320.81	372.19
305	322.72	339.02	399.39
310	335.66	352.60	406.24
315	344.72	362.11	401.88
320	350.38	368.05	395.79
325	352.98	370.78	393.73
330	352.70	370.48	392.26
335	349.50	367.13	383.86
340	343.19	360.50	373.48
345	333.40	350.22	445.71
350	319.62	335.77	345.09
355	301.31	316.55	319.88