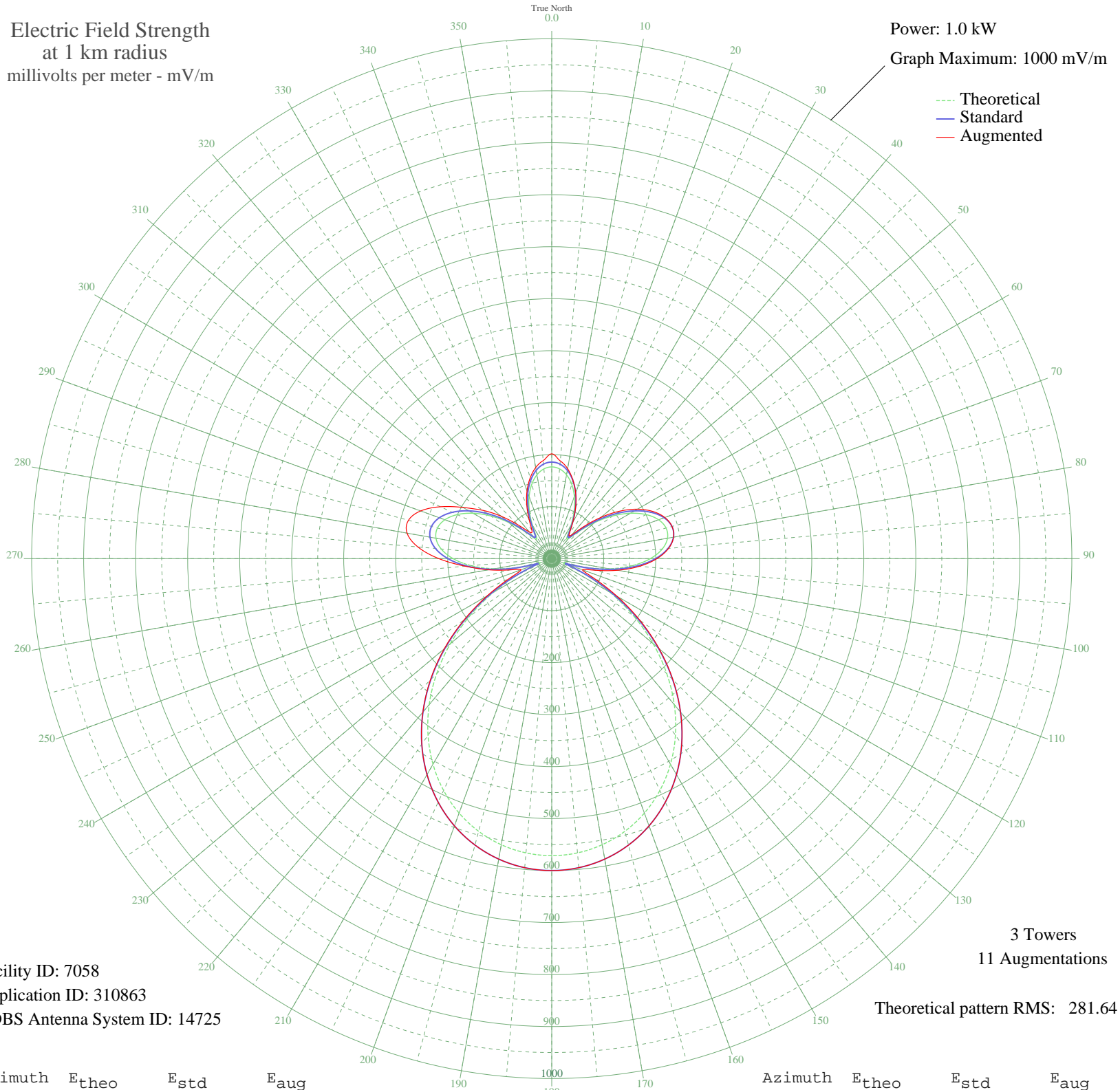


# WHNY MCOMB, MS BL-- 1250 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 7058  
Application ID: 310863  
CDBS Antenna System ID: 14725

3 Towers  
11 Augmentations  
Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	176.46	185.77	201.76
5	173.26	182.41	188.58
10	163.74	172.44	175.75
15	148.20	156.18	156.77
20	127.20	134.23	134.39
25	101.84	107.76	108.51
30	74.43	79.29	81.11
35	51.62	55.82	58.98
40	50.35	54.53	59.49
45	74.80	79.66	87.19
50	108.56	114.77	123.44
55	143.11	150.85	159.04
60	174.59	183.80	190.19
65	200.45	210.89	214.71
70	218.64	229.96	231.42
75	227.55	239.30	239.43
80	226.01	237.68	237.82
85	213.39	224.46	225.44
90	189.68	199.61	202.28
95	155.47	163.79	169.26
100	112.04	118.39	128.60
105	61.91	66.37	86.12
110	22.75	27.37	62.76
115	66.96	71.57	90.19
120	129.23	136.34	145.29
125	192.66	202.73	207.17
130	254.45	267.51	269.51
135	312.85	328.77	329.44
140	366.57	385.13	385.21
145	414.68	435.62	435.62
150	456.60	479.62	479.62
155	492.01	516.79	516.79
160	520.81	547.02	547.02
165	543.03	570.34	570.34
170	558.77	586.86	586.86
175	568.15	596.71	596.71

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	571.27	599.98	599.98
185	568.15	596.71	596.71
190	558.77	586.86	586.86
195	543.03	570.34	570.34
200	520.81	547.01	547.01
205	492.01	516.79	516.79
210	456.60	479.62	479.62
215	414.68	435.62	435.62
220	366.57	385.13	385.45
225	312.85	328.77	329.97
230	254.45	267.51	269.79
235	192.65	202.73	206.12
240	129.23	136.34	143.59
245	66.96	71.57	89.19
250	22.75	27.37	62.76
255	61.91	66.37	83.63
260	112.04	118.39	123.52
265	155.47	163.79	166.96
270	189.68	199.61	217.04
275	213.39	224.46	258.50
280	226.01	237.68	282.47
285	227.55	239.30	285.21
290	218.64	229.96	268.27
295	200.45	210.89	236.13
300	174.59	183.80	197.01
305	143.11	150.85	162.07
310	108.56	114.77	126.77
315	74.80	79.66	91.90
320	50.35	54.53	66.81
325	51.62	55.82	66.60
330	74.43	79.29	87.18
335	101.84	107.76	113.64
340	127.20	134.23	138.96
345	148.20	156.18	160.57
350	163.74	172.44	177.89
355	173.26	182.41	189.19