

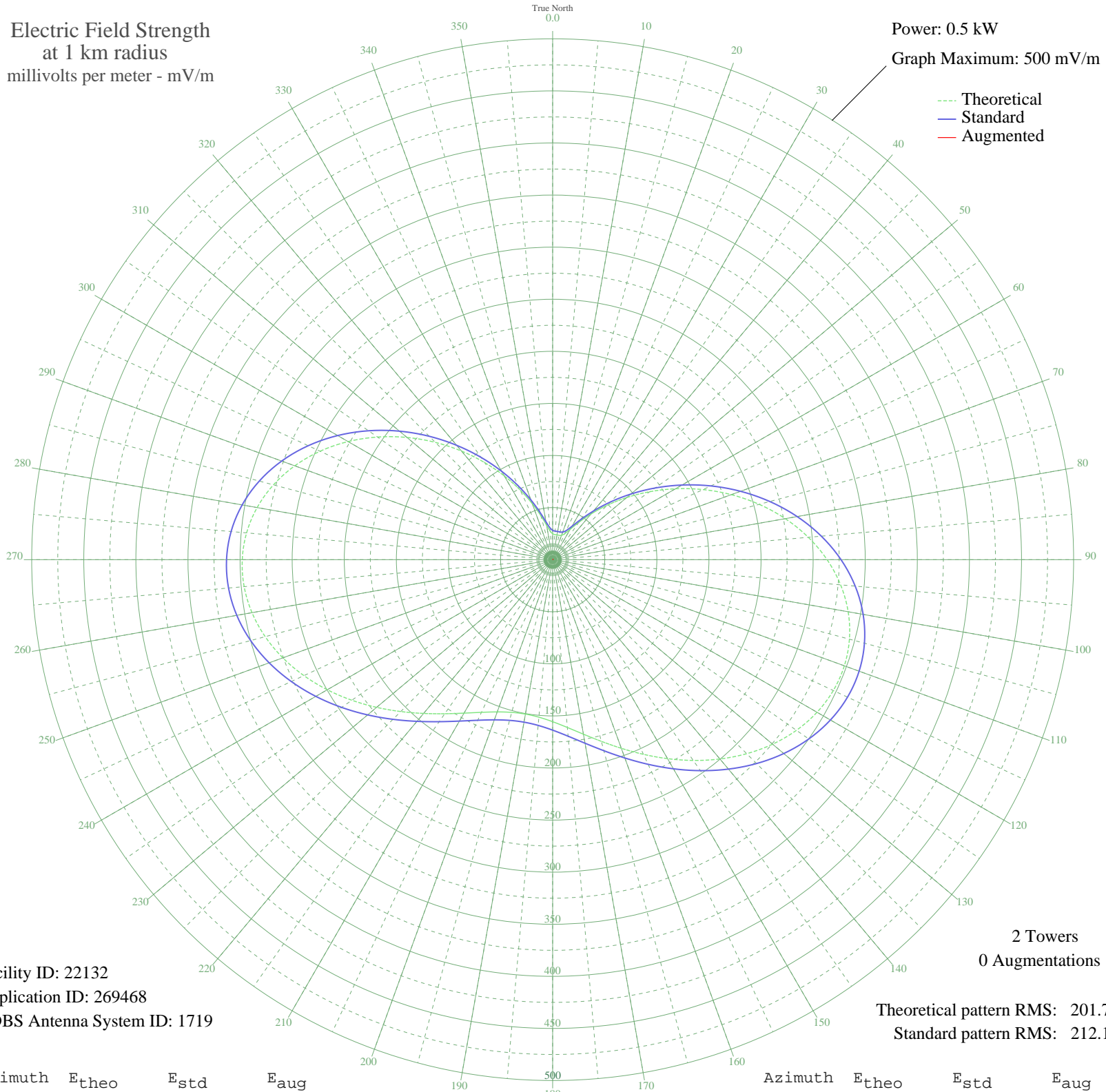
WAEC ATLANTA, GA BL-19980608KA 860 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 22132
Application ID: 269468
CDBS Antenna System ID: 1719

2 Towers
0 Augmentations

Theoretical pattern RMS: 201.75
Standard pattern RMS: 212.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	24.88	28.16	
5	24.22	27.51	
10	24.17	27.47	
15	24.22	27.51	
20	24.88	28.16	
25	27.56	30.79	
30	33.66	36.87	
35	43.65	47.02	
40	57.20	60.97	
45	73.76	78.15	
50	92.78	97.98	
55	113.74	119.89	
60	136.09	143.28	
65	159.22	167.51	
70	182.49	191.90	
75	205.22	215.73	
80	226.72	238.28	
85	246.32	258.85	
90	263.40	276.77	
95	277.44	291.50	
100	288.02	302.60	
105	294.88	309.80	
110	297.93	313.00	
115	297.23	312.27	
120	293.00	307.83	
125	285.62	300.09	
130	275.57	289.54	
135	263.41	276.78	
140	249.77	262.47	
145	235.28	247.26	
150	220.56	231.82	
155	206.19	216.75	
160	192.70	202.61	
165	180.55	189.87	
170	170.12	178.93	
175	161.70	170.11	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	155.54	163.65	
185	151.78	159.71	
190	150.52	158.39	
195	151.78	159.71	
200	155.54	163.65	
205	161.70	170.11	
210	170.12	178.93	
215	180.55	189.87	
220	192.70	202.61	
225	206.19	216.75	
230	220.56	231.82	
235	235.28	247.26	
240	249.77	262.47	
245	263.41	276.78	
250	275.57	289.54	
255	285.62	300.09	
260	293.00	307.83	
265	297.23	312.27	
270	297.93	313.00	
275	294.88	309.80	
280	288.02	302.60	
285	277.44	291.50	
290	263.40	276.77	
295	246.32	258.85	
300	226.72	238.28	
305	205.22	215.73	
310	182.49	191.90	
315	159.22	167.51	
320	136.09	143.28	
325	113.74	119.89	
330	92.78	97.98	
335	73.76	78.15	
340	57.20	60.97	
345	43.65	47.02	
350	33.66	36.87	
355	27.56	30.79	

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