

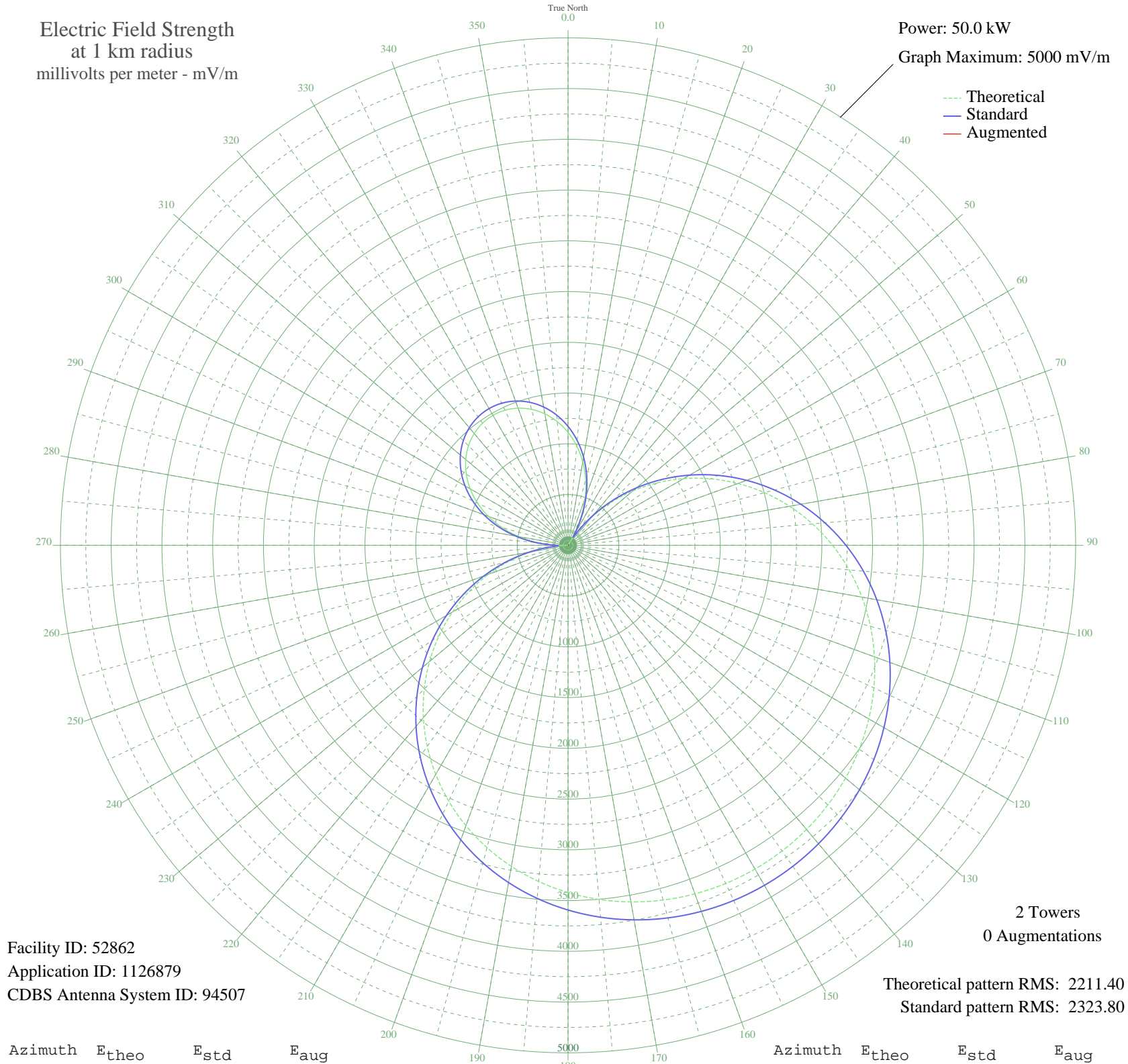
WFTD MARIETTA, GA BL-20060411ACV 1080 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 52862
Application ID: 1126879
CDBS Antenna System ID: 94507

2 Towers
0 Augmentations

Theoretical pattern RMS: 2211.40
Standard pattern RMS: 2323.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1112.81	1172.01	
5	983.10	1036.28	
10	835.28	881.78	
15	670.33	709.74	
20	489.44	521.95	
25	294.05	321.96	
30	85.83	128.27	
35	133.32	167.12	
40	361.29	390.18	
45	595.80	632.22	
50	834.44	880.91	
55	1074.73	1132.15	
60	1314.16	1382.88	
65	1550.28	1630.35	
70	1780.74	1872.01	
75	2003.37	2105.52	
80	2216.20	2328.80	
85	2417.52	2540.04	
90	2605.91	2737.73	
95	2780.25	2920.68	
100	2939.69	3088.02	
105	3083.67	3239.14	
110	3211.90	3373.73	
115	3324.28	3491.69	
120	3420.89	3593.10	
125	3501.93	3678.16	
130	3567.66	3747.15	
135	3618.39	3800.40	
140	3654.39	3838.19	
145	3675.89	3860.76	
150	3683.04	3868.27	
155	3675.89	3860.76	
160	3654.39	3838.19	
165	3618.39	3800.40	
170	3567.66	3747.15	
175	3501.93	3678.16	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3420.89	3593.10	
185	3324.29	3491.69	
190	3211.91	3373.74	
195	3083.68	3239.15	
200	2939.69	3088.02	
205	2780.25	2920.69	
210	2605.91	2737.73	
215	2417.52	2540.04	
220	2216.20	2328.80	
225	2003.37	2105.52	
230	1780.74	1872.01	
235	1550.28	1630.35	
240	1314.16	1382.89	
245	1074.73	1132.15	
250	834.45	880.91	
255	595.80	632.22	
260	361.29	390.19	
265	133.32	167.12	
270	85.82	128.27	
275	294.04	321.96	
280	489.44	521.95	
285	670.33	709.74	
290	835.28	881.78	
295	983.10	1036.28	
300	1112.81	1172.01	
305	1223.63	1288.05	
310	1314.98	1383.74	
315	1386.42	1458.60	
320	1437.65	1512.29	
325	1468.46	1544.58	
330	1478.74	1555.36	
335	1468.46	1544.58	
340	1437.65	1512.29	
345	1386.42	1458.60	
350	1314.98	1383.74	
355	1223.63	1288.05	