

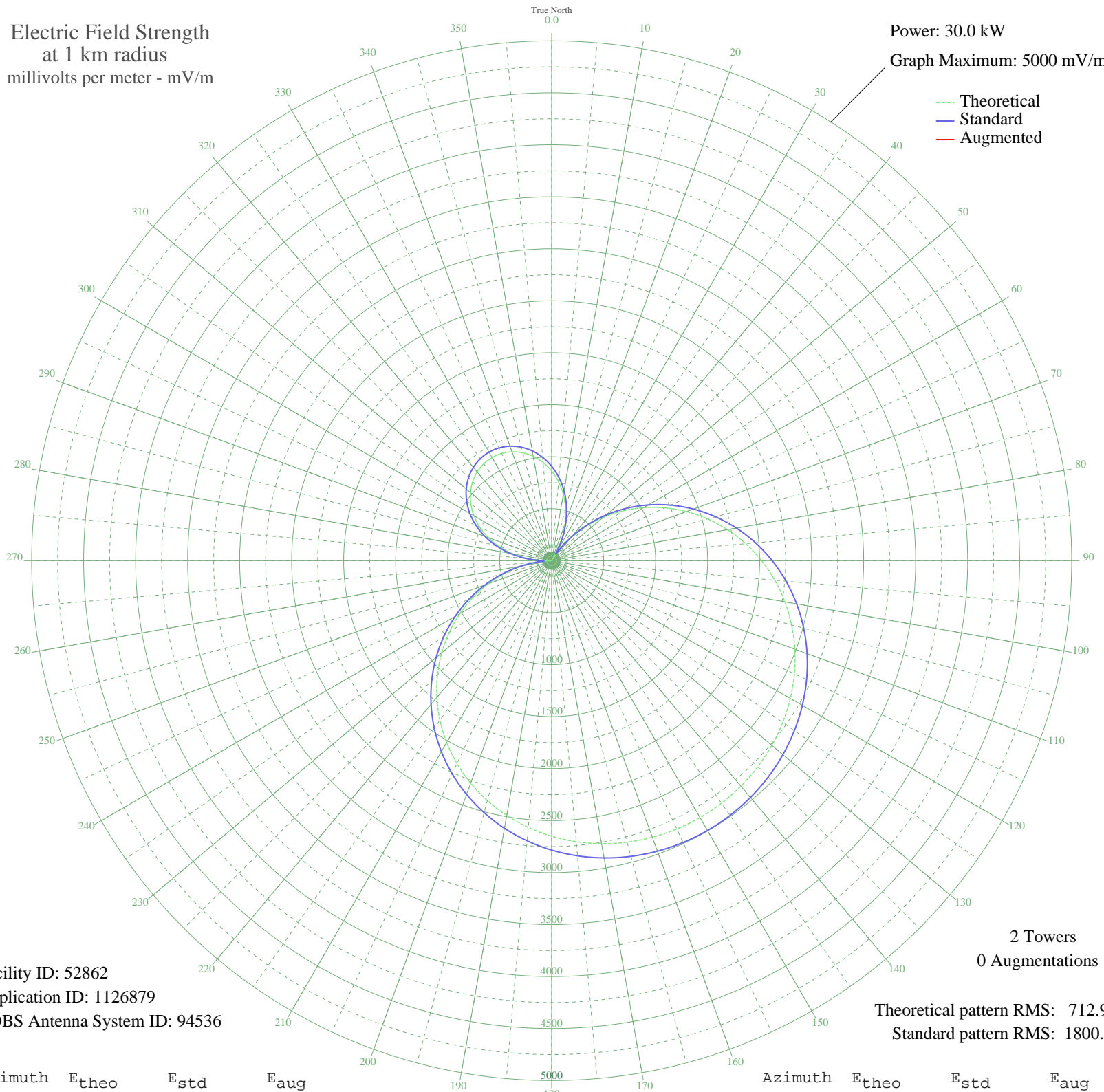
# WFTD MARIETTA, GA BL-20060411ACV 1080 kHz

## Critical Hours

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

Power: 30.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 52862  
Application ID: 1126879  
CDBS Antenna System ID: 94536

2 Towers  
0 Augmentations

Theoretical pattern RMS: 712.97  
Standard pattern RMS: 1800.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	861.99	907.85	
5	761.52	802.71	
10	647.02	683.04	
15	519.24	549.77	
20	379.12	404.31	
25	227.77	249.39	
30	66.48	99.36	
35	103.27	129.45	
40	279.86	302.24	
45	461.51	489.72	
50	646.37	682.36	
55	832.50	876.97	
60	1017.96	1071.19	
65	1200.86	1262.88	
70	1379.38	1450.07	
75	1551.83	1630.95	
80	1716.69	1803.91	
85	1872.63	1967.53	
90	2018.56	2120.67	
95	2153.60	2262.39	
100	2277.11	2392.01	
105	2388.64	2509.07	
110	2487.97	2613.32	
115	2575.02	2704.70	
120	2649.85	2783.24	
125	2712.62	2849.13	
130	2763.54	2902.58	
135	2802.83	2943.82	
140	2830.72	2973.10	
145	2847.38	2990.58	
150	2852.92	2996.40	
155	2847.38	2990.58	
160	2830.72	2973.10	
165	2802.83	2943.82	
170	2763.54	2902.58	
175	2712.62	2849.13	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2649.85	2783.25	
185	2575.02	2704.70	
190	2487.97	2613.33	
195	2388.64	2509.07	
200	2277.11	2392.01	
205	2153.60	2262.39	
210	2018.56	2120.67	
215	1872.63	1967.54	
220	1716.69	1803.91	
225	1551.83	1630.95	
230	1379.38	1450.07	
235	1200.86	1262.89	
240	1017.96	1071.20	
245	832.50	876.98	
250	646.37	682.36	
255	461.52	489.72	
260	279.86	302.24	
265	103.27	129.45	
270	66.48	99.36	
275	227.77	249.39	
280	379.12	404.31	
285	519.24	549.77	
290	647.02	683.04	
295	761.52	802.71	
300	861.99	907.85	
305	947.83	997.73	
310	1018.59	1071.86	
315	1073.93	1129.85	
320	1113.62	1171.43	
325	1137.48	1196.45	
330	1145.45	1204.80	
335	1137.48	1196.45	
340	1113.62	1171.43	
345	1073.93	1129.85	
350	1018.59	1071.86	
355	947.83	997.73	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau  
Federal Communications Commission