

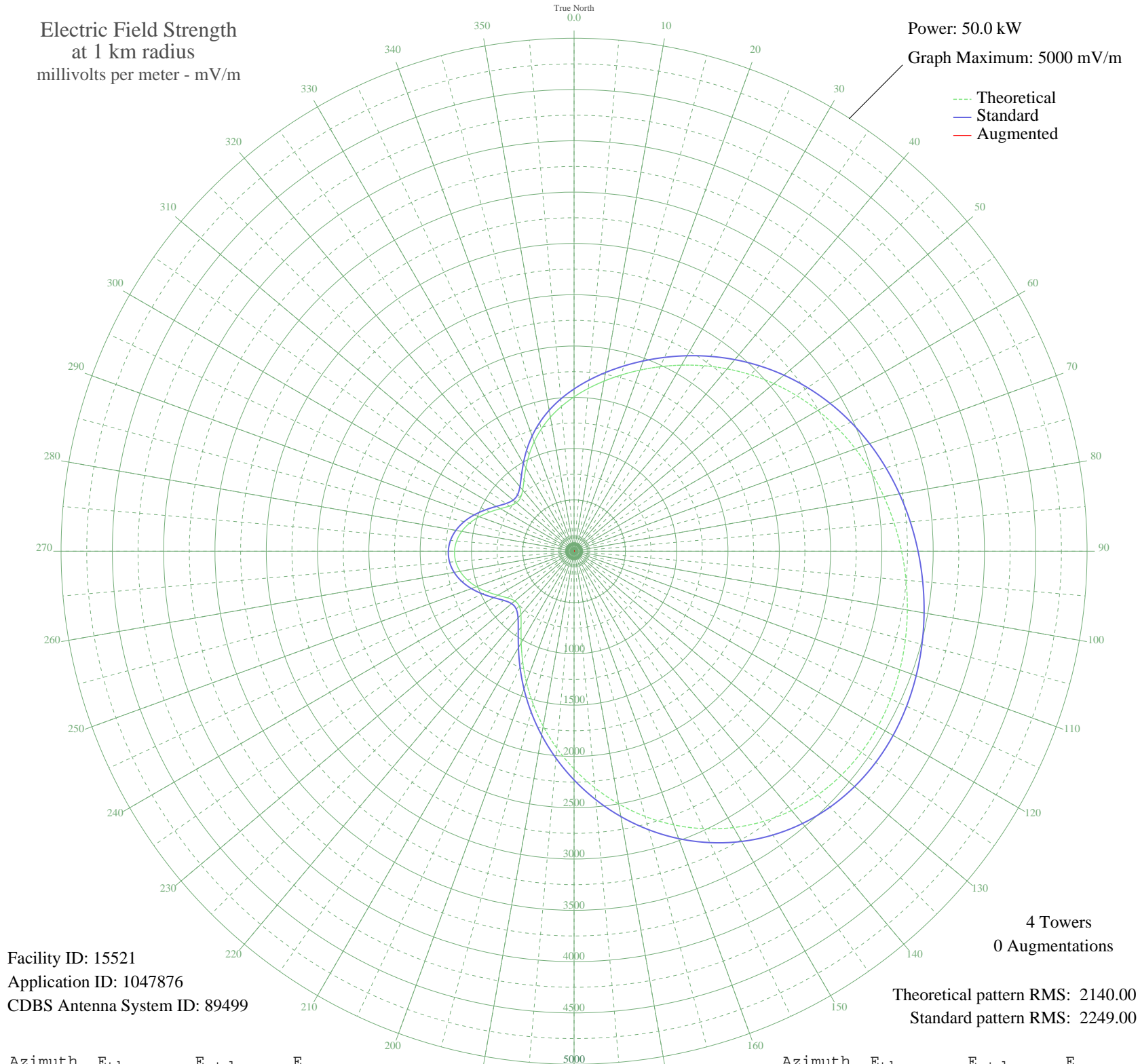
WCFO EAST POINT, GA BL-20050214AHG 1160 kHz

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: 15521
Application ID: 1047876
CDBS Antenna System ID: 89499

4 Towers
0 Augmentations

Theoretical pattern RMS: 2140.00
Standard pattern RMS: 2249.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1504.55	1581.52	
5	1592.74	1674.02	
10	1683.41	1769.14	
15	1778.34	1868.73	
20	1878.52	1973.85	
25	1984.01	2084.53	
30	2093.95	2199.90	
35	2206.76	2318.29	
40	2320.43	2437.58	
45	2432.79	2555.51	
50	2541.81	2669.93	
55	2645.78	2779.06	
60	2743.50	2881.64	
65	2834.34	2976.99	
70	2918.17	3064.98	
75	2995.31	3145.95	
80	3066.32	3220.49	
85	3131.85	3289.28	
90	3192.38	3352.82	
95	3248.03	3411.24	
100	3298.41	3464.13	
105	3342.53	3510.44	
110	3378.77	3548.48	
115	3405.00	3576.02	
120	3418.71	3590.42	
125	3417.24	3588.88	
130	3398.04	3568.71	
135	3358.90	3527.62	
140	3298.23	3463.94	
145	3215.25	3376.82	
150	3110.04	3266.39	
155	2983.66	3133.72	
160	2838.00	2980.82	
165	2675.71	2810.48	
170	2499.97	2626.02	
175	2314.25	2431.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2122.13	2229.47	
185	1927.08	2024.80	
190	1732.45	1820.59	
195	1541.52	1620.30	
200	1357.81	1427.63	
205	1185.57	1247.06	
210	1030.53	1084.60	
215	900.62	948.57	
220	805.89	849.43	
225	755.85	797.11	
230	753.81	794.97	
235	792.73	835.67	
240	858.32	904.28	
245	935.40	984.97	
250	1011.61	1064.78	
255	1077.89	1134.21	
260	1127.97	1186.70	
265	1157.79	1217.95	
270	1165.12	1225.63	
275	1149.40	1209.16	
280	1111.72	1169.67	
285	1054.92	1110.15	
290	983.77	1035.62	
295	905.37	953.53	
300	829.44	874.07	
305	768.25	810.07	
310	734.74	775.05	
315	738.11	778.56	
320	778.95	821.26	
325	849.54	895.10	
330	938.74	988.47	
335	1036.61	1090.97	
340	1136.15	1195.26	
345	1233.36	1297.16	
350	1326.74	1395.05	
355	1416.61	1489.29	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission