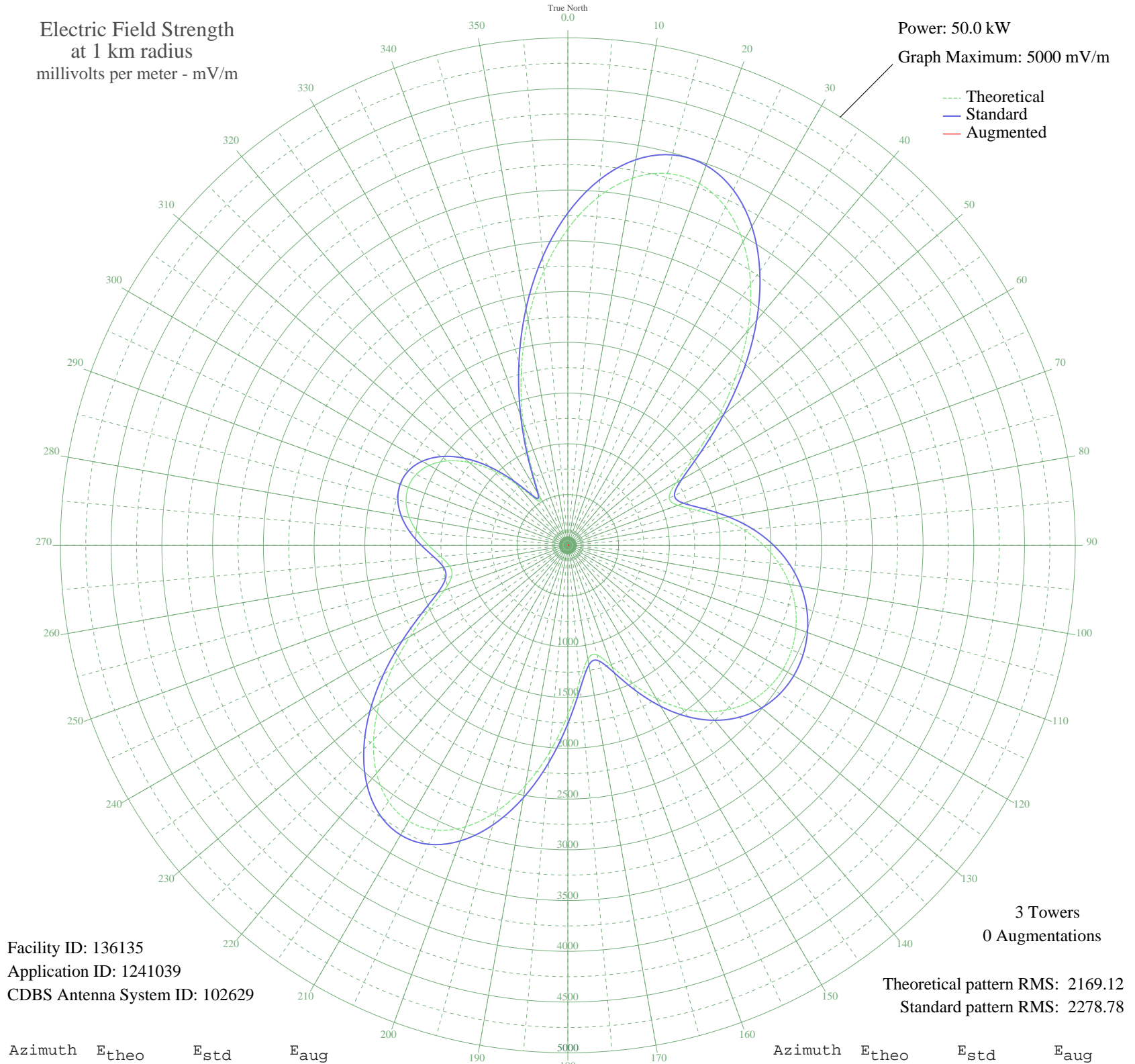


WFGM SANDY SPRINGS, GA BMP-20080207ABK 830 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 136135
Application ID: 1241039
CDBS Antenna System ID: 102629

3 Towers
0 Augmentations

Theoretical pattern RMS: 2169.12
Standard pattern RMS: 2278.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3117.83	3274.56	
5	3444.16	3617.13	
10	3673.43	3857.81	
15	3791.82	3982.10	
20	3792.57	3982.90	
25	3676.82	3861.38	
30	3453.62	3627.06	
35	3139.40	3297.21	
40	2757.07	2895.87	
45	2335.20	2453.08	
50	1908.43	2005.23	
55	1520.52	1598.27	
60	1229.88	1293.51	
65	1101.56	1159.02	
70	1152.61	1212.51	
75	1320.92	1388.95	
80	1531.97	1610.28	
85	1741.73	1830.32	
90	1930.36	2028.24	
95	2090.45	2196.22	
100	2220.28	2332.47	
105	2320.37	2437.52	
110	2391.58	2512.26	
115	2434.11	2556.89	
120	2446.91	2570.33	
125	2427.63	2550.09	
130	2372.85	2492.60	
135	2278.74	2393.83	
140	2142.14	2250.47	
145	1962.33	2061.78	
150	1743.84	1832.54	
155	1501.59	1578.42	
160	1270.64	1336.24	
165	1119.80	1178.13	
170	1137.02	1196.17	
175	1344.01	1413.16	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1672.52	1757.72	
185	2044.44	2147.95	
190	2404.63	2525.95	
195	2715.50	2852.24	
200	2951.02	3099.46	
205	3094.43	3250.00	
210	3137.66	3295.38	
215	3080.98	3235.88	
220	2932.43	3079.95	
225	2706.85	2843.16	
230	2424.70	2547.02	
235	2111.09	2217.89	
240	1795.37	1886.60	
245	1511.48	1588.79	
250	1297.17	1364.05	
255	1185.11	1246.58	
260	1181.97	1243.29	
265	1258.88	1323.91	
270	1372.85	1443.41	
275	1489.22	1565.44	
280	1585.96	1666.91	
285	1649.93	1734.01	
290	1673.01	1758.23	
295	1649.75	1733.83	
300	1576.24	1656.72	
305	1449.93	1524.23	
310	1270.42	1336.00	
315	1042.04	1096.66	
320	782.37	824.84	
325	557.08	589.63	
330	556.87	589.41	
335	856.38	902.26	
340	1291.67	1358.29	
345	1772.37	1862.47	
350	2256.64	2370.63	
355	2714.06	2850.73	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission