

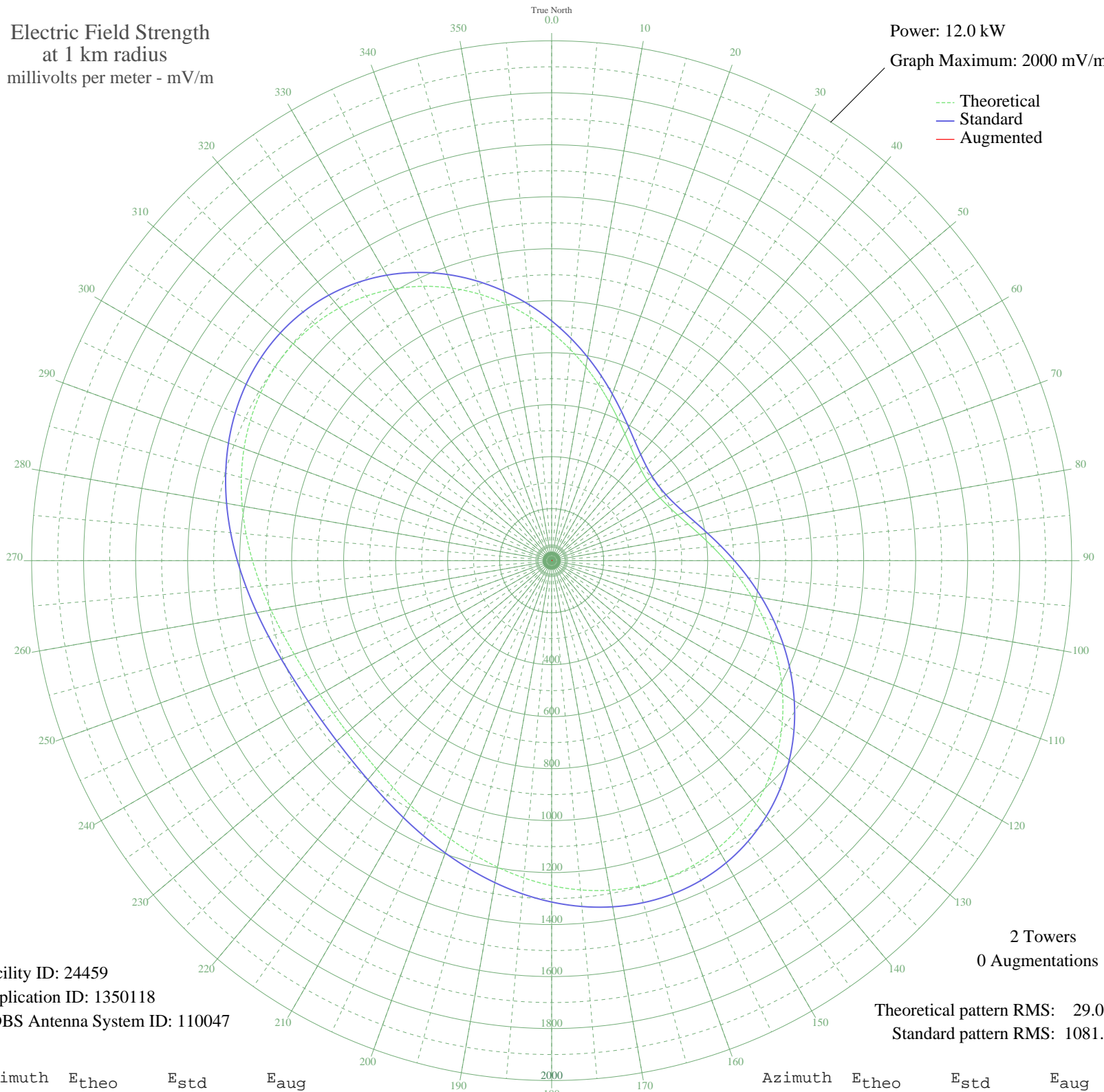
WDGR LAWRENCEVILLE, GA BMJP-20080324AHG 1210 kHz

Critical Hours

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

Power: 12.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 24459
Application ID: 1350118
CDBS Antenna System ID: 110047

2 Towers
0 Augmentations

Theoretical pattern RMS: 29.00
Standard pattern RMS: 1081.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	877.94	922.56	
5	816.19	857.77	
10	756.53	795.19	
15	700.34	736.25	
20	648.82	682.24	
25	602.99	634.19	
30	563.63	592.93	
35	531.30	559.05	
40	506.32	532.88	
45	488.88	514.61	
50	479.02	504.29	
55	476.75	501.91	
60	482.06	507.46	
65	494.95	520.97	
70	515.42	542.41	
75	543.36	571.69	
80	578.56	608.58	
85	620.59	652.63	
90	668.80	703.18	
95	722.32	759.30	
100	780.05	819.86	
105	840.72	883.51	
110	902.90	948.74	
115	965.05	1013.96	
120	1025.61	1077.51	
125	1083.02	1137.76	
130	1135.81	1193.16	
135	1182.66	1242.33	
140	1222.45	1284.09	
145	1254.34	1317.56	
150	1277.77	1342.15	
155	1292.52	1357.64	
160	1298.70	1364.12	
165	1296.73	1362.05	
170	1287.33	1352.18	
175	1271.46	1335.53	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1250.28	1313.30	
185	1225.09	1286.85	
190	1197.24	1257.63	
195	1168.14	1227.09	
200	1139.11	1196.62	
205	1111.42	1167.56	
210	1086.20	1141.09	
215	1064.43	1118.24	
220	1046.92	1099.87	
225	1034.30	1086.63	
230	1027.02	1078.99	
235	1025.33	1077.21	
240	1029.28	1081.35	
245	1038.73	1091.27	
250	1053.37	1106.63	
255	1072.67	1126.89	
260	1095.93	1151.30	
265	1122.26	1178.94	
270	1150.63	1208.71	
275	1179.85	1239.37	
280	1208.61	1269.56	
285	1235.56	1297.85	
290	1259.31	1322.77	
295	1278.51	1342.93	
300	1291.92	1357.01	
305	1298.46	1363.86	
310	1297.24	1362.58	
315	1287.66	1352.54	
320	1269.44	1333.40	
325	1242.58	1305.21	
330	1207.44	1268.34	
335	1164.71	1223.49	
340	1115.34	1171.67	
345	1060.53	1114.15	
350	1001.68	1052.39	
355	940.29	987.98	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission