

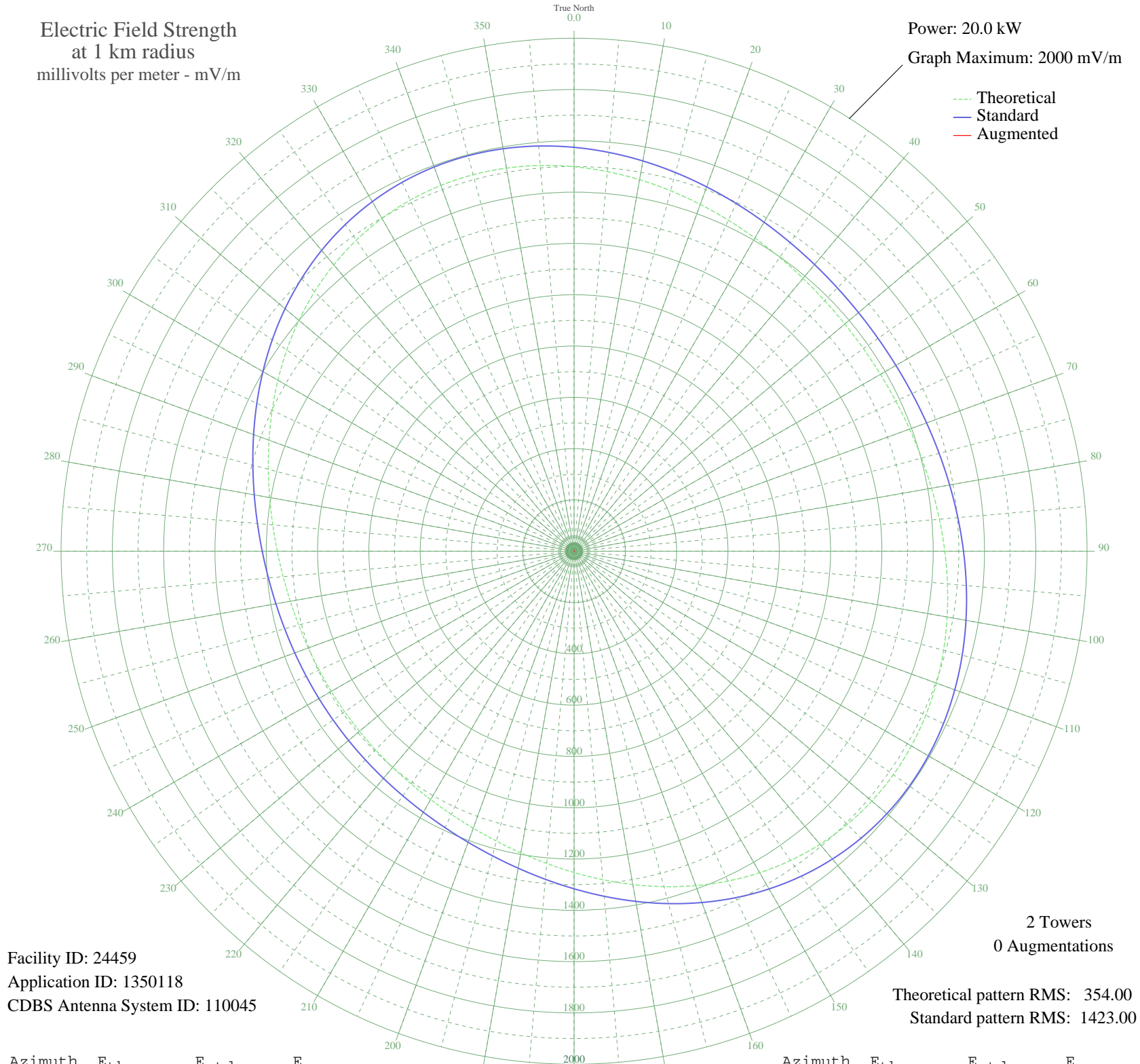
WDGR LAWRENCEVILLE, GA BMJP-20080324AHG 1210 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 24459
Application ID: 1350118
CDBS Antenna System ID: 110045

2 Towers
0 Augmentations

Theoretical pattern RMS: 354.00
Standard pattern RMS: 1423.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1499.01	1574.66	
5	1485.75	1560.75	
10	1470.74	1544.99	
15	1454.86	1528.32	
20	1438.95	1511.63	
25	1423.78	1495.70	
30	1410.00	1481.24	
35	1398.15	1468.81	
40	1388.66	1458.85	
45	1381.85	1451.70	
50	1377.93	1447.59	
55	1377.02	1446.64	
60	1379.15	1448.86	
65	1384.24	1454.21	
70	1392.15	1462.51	
75	1402.62	1473.50	
80	1415.30	1486.81	
85	1429.72	1501.94	
90	1445.27	1518.26	
95	1461.26	1535.04	
100	1476.90	1551.45	
105	1491.31	1566.58	
110	1503.62	1579.50	
115	1512.93	1589.27	
120	1518.43	1595.05	
125	1519.45	1596.11	
130	1515.45	1591.92	
135	1506.15	1582.16	
140	1491.49	1566.77	
145	1471.69	1545.99	
150	1447.21	1520.30	
155	1418.78	1490.45	
160	1387.29	1457.41	
165	1353.81	1422.28	
170	1319.46	1386.23	
175	1285.37	1350.46	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1252.58	1316.04	
185	1221.98	1283.93	
190	1194.26	1254.85	
195	1169.90	1229.29	
200	1149.12	1207.48	
205	1131.93	1189.45	
210	1118.19	1175.04	
215	1107.63	1163.96	
220	1099.94	1155.89	
225	1094.81	1150.51	
230	1092.01	1147.57	
235	1091.37	1146.90	
240	1092.86	1148.47	
245	1096.57	1152.36	
250	1102.69	1158.78	
255	1111.49	1168.01	
260	1123.29	1180.39	
265	1138.38	1196.22	
270	1156.99	1215.75	
275	1179.22	1239.07	
280	1204.97	1266.09	
285	1233.90	1296.45	
290	1265.48	1329.58	
295	1298.91	1364.66	
300	1333.24	1400.68	
305	1367.37	1436.51	
310	1400.19	1470.94	
315	1430.57	1502.83	
320	1457.52	1531.12	
325	1480.20	1554.92	
330	1497.99	1573.59	
335	1510.52	1586.74	
340	1517.68	1594.25	
345	1519.62	1596.29	
350	1516.74	1593.26	
355	1509.62	1585.79	

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