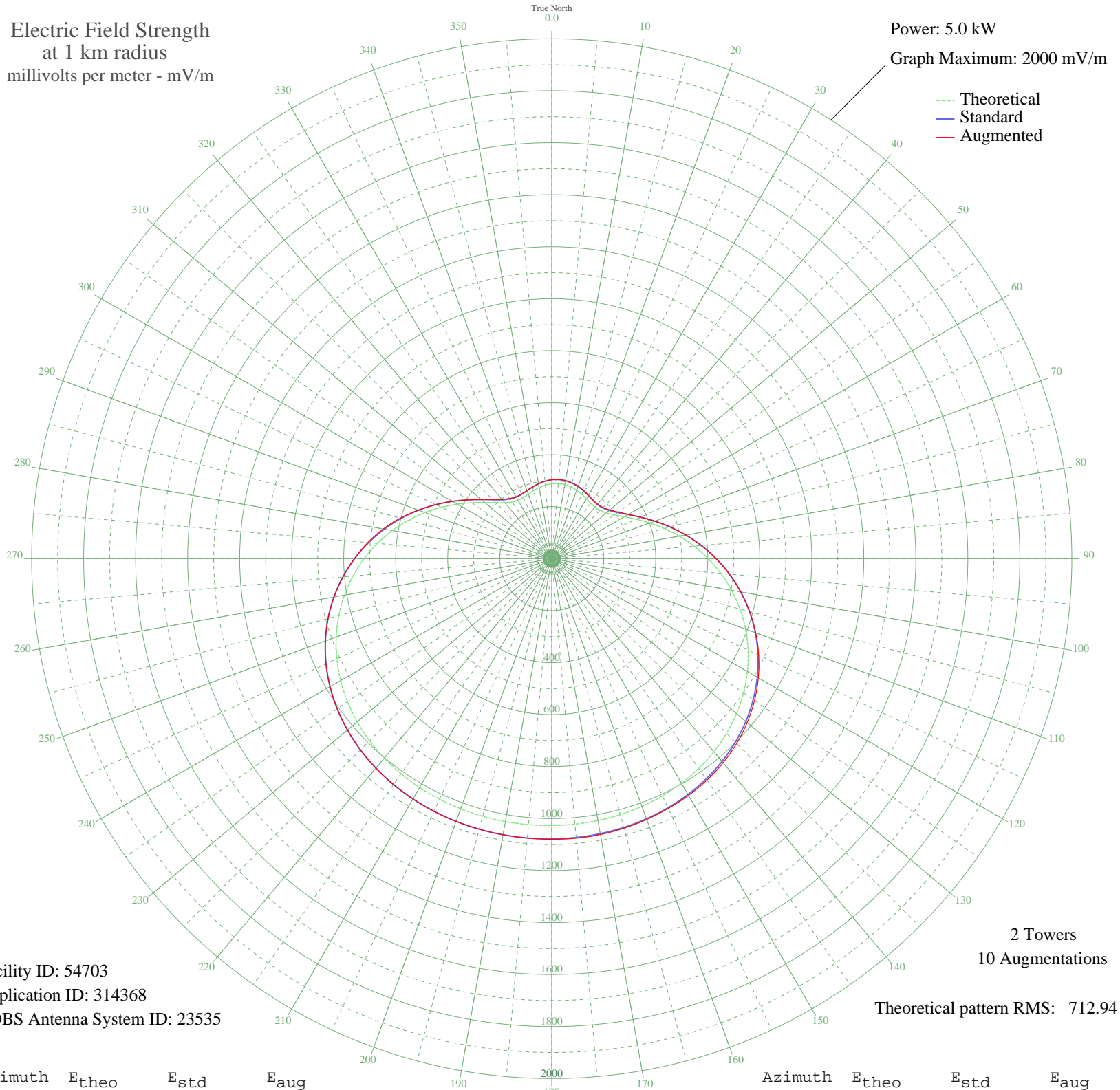


WALG ALBANY, GA BL-- 1590 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 54703
Application ID: 314368
CDBS Antenna System ID: 23535

2 Towers
10 Augmentations
Theoretical pattern RMS: 712.94

Azimuth	E _{theo}	E _{std}	E _{aug}
0	288.18	303.50	303.50
5	290.03	305.44	305.44
10	289.23	304.60	304.60
15	285.88	301.09	301.27
20	280.38	295.33	296.35
25	273.51	288.14	289.68
30	266.47	280.78	282.00
35	260.92	274.97	275.59
40	258.91	272.87	273.47
45	262.64	276.77	278.52
50	273.97	288.62	291.54
55	293.91	309.50	312.22
60	322.42	339.35	340.61
65	358.54	377.20	377.31
70	400.87	421.57	421.57
75	447.83	470.81	470.81
80	497.87	523.29	523.29
85	549.58	577.53	577.53
90	601.64	632.16	632.16
95	652.94	685.99	685.99
100	702.47	737.97	737.97
105	749.41	787.23	787.67
110	793.08	833.06	834.66
115	832.98	874.95	878.09
120	868.78	912.53	917.26
125	900.32	945.62	951.69
130	927.55	974.22	981.10
135	950.62	998.43	1005.50
140	969.75	1018.51	1025.10
145	985.26	1034.79	1040.33
150	997.55	1047.69	1051.81
155	1007.03	1057.65	1060.42
160	1014.16	1065.12	1067.71
165	1019.33	1070.56	1073.66
170	1022.95	1074.35	1077.76
175	1025.32	1076.84	1079.60

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1026.69	1078.28	1079.60
185	1027.23	1078.85	1079.01
190	1027.00	1078.61	1078.61
195	1025.98	1077.53	1077.53
200	1024.03	1075.49	1075.49
205	1020.95	1072.25	1072.25
210	1016.44	1067.52	1067.52
215	1010.14	1060.91	1060.91
220	1001.65	1052.00	1052.00
225	990.54	1040.33	1040.33
230	976.37	1025.45	1025.45
235	958.73	1006.94	1006.94
240	937.27	984.41	984.41
245	911.72	957.60	957.60
250	881.91	926.31	926.31
255	847.81	890.51	890.51
260	809.51	850.31	850.31
265	767.30	806.01	806.01
270	721.60	758.04	758.92
275	673.01	707.05	709.89
280	622.31	653.85	657.93
285	570.43	599.41	602.74
290	518.43	544.86	546.08
295	467.56	491.50	491.50
300	419.19	440.77	440.77
305	374.82	394.26	394.26
310	336.02	353.61	354.50
315	304.32	320.40	322.36
320	280.89	295.87	298.01
325	266.18	280.47	282.82
330	259.59	273.58	274.53
335	259.57	273.55	274.24
340	263.97	278.16	278.96
345	270.63	285.13	285.79
350	277.74	292.57	292.62
355	283.90	299.02	299.02

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