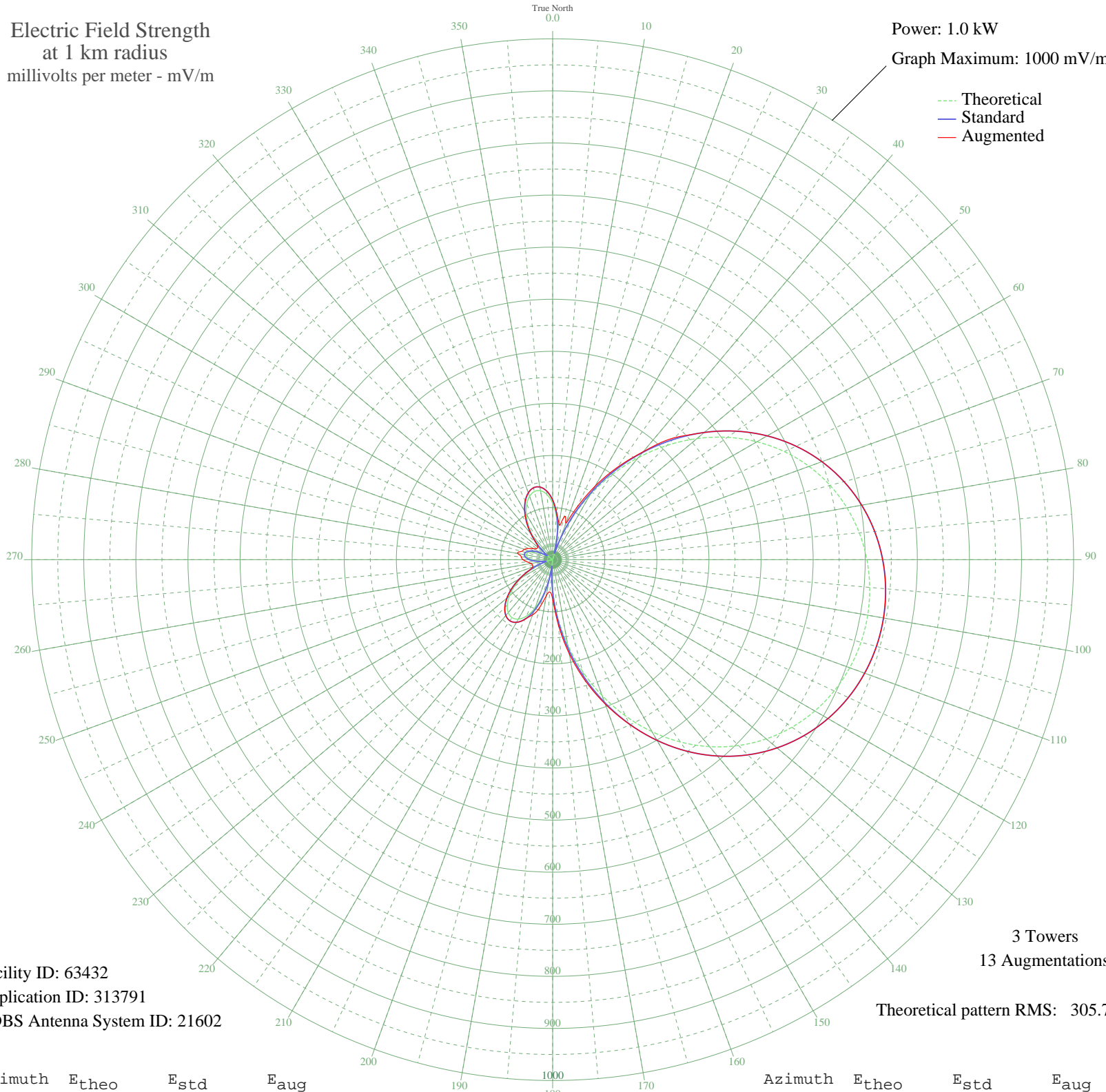


WGIG BRUNSWICK, GA BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 63432
Application ID: 313791
CDBS Antenna System ID: 21602

3 Towers
13 Augmentations

Theoretical pattern RMS: 305.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	108.41	114.49	114.49
5	82.99	88.00	90.08
10	49.60	53.52	70.28
15	9.01	15.54	84.87
20	37.68	41.44	74.45
25	89.08	94.34	111.74
30	143.63	151.31	162.96
35	199.69	210.04	216.19
40	255.66	268.73	270.71
45	310.08	325.81	331.32
50	361.67	379.96	379.96
55	409.44	430.09	430.09
60	452.65	475.44	475.44
65	490.82	515.50	515.50
70	523.70	550.03	550.03
75	551.26	578.95	578.95
80	573.58	602.38	602.38
85	590.82	620.49	620.49
90	603.21	633.49	633.49
95	610.90	641.57	641.57
100	614.05	644.87	644.87
105	612.70	643.45	643.45
110	606.84	637.30	637.30
115	596.35	626.29	626.29
120	581.07	610.25	610.25
125	560.81	588.98	588.98
130	535.36	562.27	562.27
135	504.61	529.99	529.99
140	468.54	492.12	492.12
145	427.31	448.84	448.84
150	381.29	400.54	400.54
155	331.12	347.89	348.69
160	277.69	291.83	294.97
165	222.17	233.61	239.79
170	165.96	174.70	183.20
175	110.61	116.80	125.48

Azimuth	E _{theo}	E _{std}	E _{aug}
180	57.76	61.89	75.69
185	9.00	15.54	62.38
190	34.18	37.94	70.40
195	70.55	75.10	93.88
200	99.22	104.91	112.80
205	119.67	126.26	126.26
210	131.79	138.93	138.93
215	135.90	143.23	143.23
220	132.68	139.86	139.86
225	123.10	129.84	129.84
230	108.37	114.46	114.46
235	89.84	95.13	95.13
240	68.87	73.36	73.36
245	46.83	50.69	51.20
250	24.97	28.98	40.23
255	4.43	13.17	40.21
260	13.86	19.07	42.28
265	29.09	32.93	49.00
270	40.66	44.44	56.89
275	48.14	52.03	60.58
280	51.27	55.22	68.03
285	49.92	53.85	61.43
290	44.16	47.98	57.74
295	34.18	37.95	50.54
300	20.35	24.67	42.14
305	3.21	12.78	37.14
310	16.54	21.30	37.26
315	38.00	41.76	44.32
320	60.11	64.31	64.31
325	81.66	86.63	86.63
330	101.34	107.12	107.12
335	117.75	124.25	124.25
340	129.55	136.58	136.58
345	135.45	142.75	142.75
350	134.37	141.63	141.63
355	125.51	132.36	132.36

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission