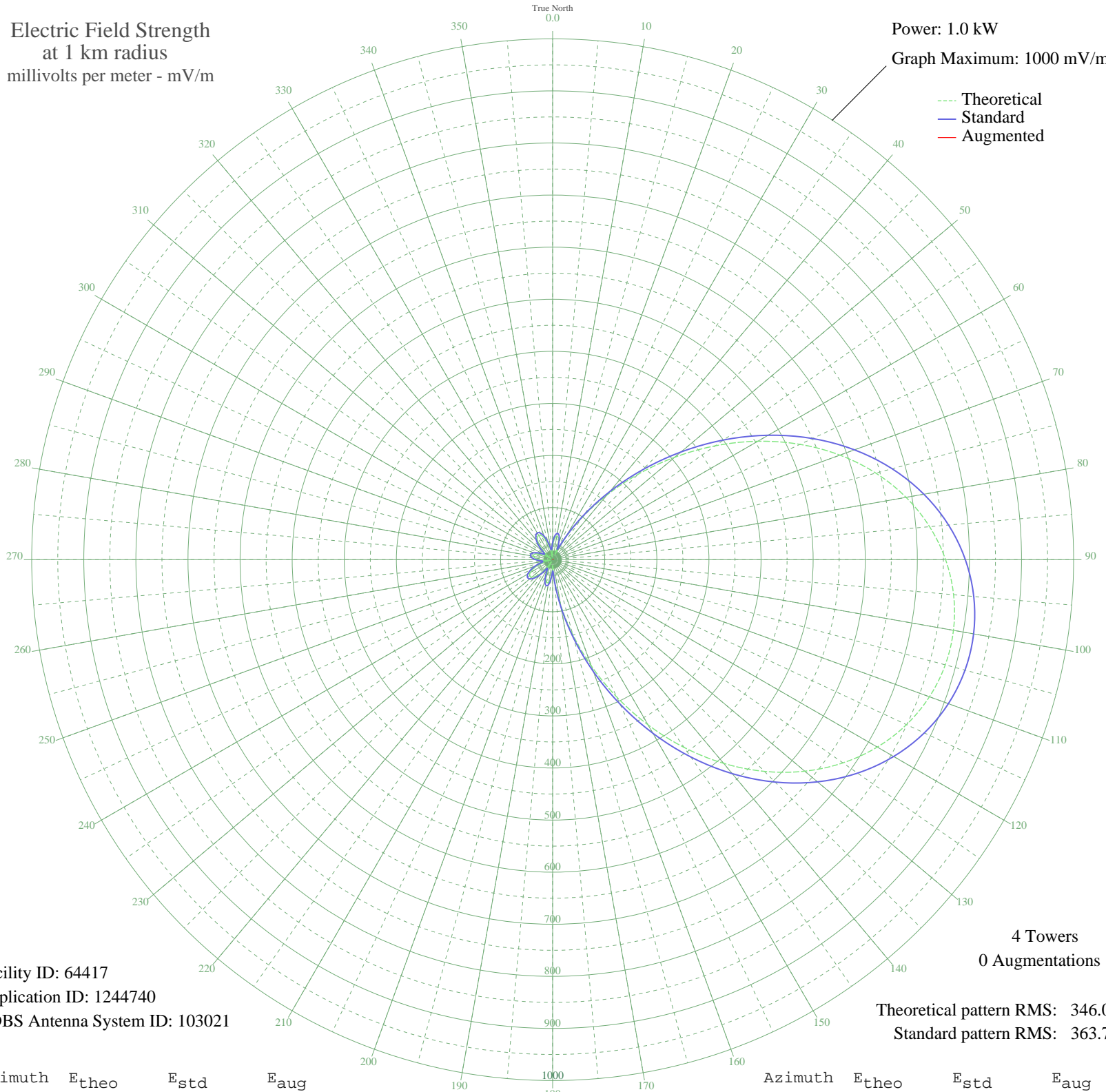


# WPTB STATESBORO, GA BL-20080424ACO 850 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 64417  
Application ID: 1244740  
CDBS Antenna System ID: 103021

4 Towers  
0 Augmentations

Theoretical pattern RMS: 346.01  
Standard pattern RMS: 363.75

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	26.29	32.93	
5	39.70	45.38	
10	45.90	51.43	
15	42.27	47.87	
20	27.29	33.81	
25	10.87	21.26	
30	46.14	51.66	
35	98.81	105.29	
40	161.65	170.68	
45	231.70	243.94	
50	305.89	321.68	
55	381.15	400.61	
60	454.64	477.71	
65	523.87	550.36	
70	586.88	616.49	
75	642.21	674.56	
80	688.89	723.56	
85	726.34	762.87	
90	754.27	792.18	
95	772.57	811.40	
100	781.24	820.49	
105	780.27	819.48	
110	769.68	808.36	
115	749.45	787.13	
120	719.61	755.80	
125	680.28	714.52	
130	631.81	663.65	
135	574.85	603.86	
140	510.47	536.29	
145	440.21	462.57	
150	366.16	384.88	
155	290.87	305.94	
160	217.25	228.82	
165	148.41	156.86	
170	87.37	93.48	
175	37.13	42.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	10.85	21.25	
185	31.19	37.34	
190	43.88	49.44	
195	45.37	50.91	
200	37.50	43.27	
205	23.03	30.11	
210	6.25	19.11	
215	15.37	24.13	
220	31.92	38.01	
225	44.65	50.20	
230	52.07	57.54	
235	53.66	59.13	
240	49.65	55.13	
245	40.91	46.55	
250	28.73	35.10	
255	14.78	23.72	
260	4.34	18.51	
265	14.81	23.75	
270	25.82	32.51	
275	33.67	39.65	
280	37.56	43.33	
285	37.12	42.91	
290	32.40	38.46	
295	23.83	30.79	
300	12.37	22.15	
305	4.91	18.67	
310	17.61	25.77	
315	31.36	37.50	
320	42.98	48.56	
325	50.87	56.34	
330	53.80	59.27	
335	51.05	56.52	
340	42.49	48.09	
345	28.84	35.20	
350	11.89	21.86	
355	9.27	20.42	

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