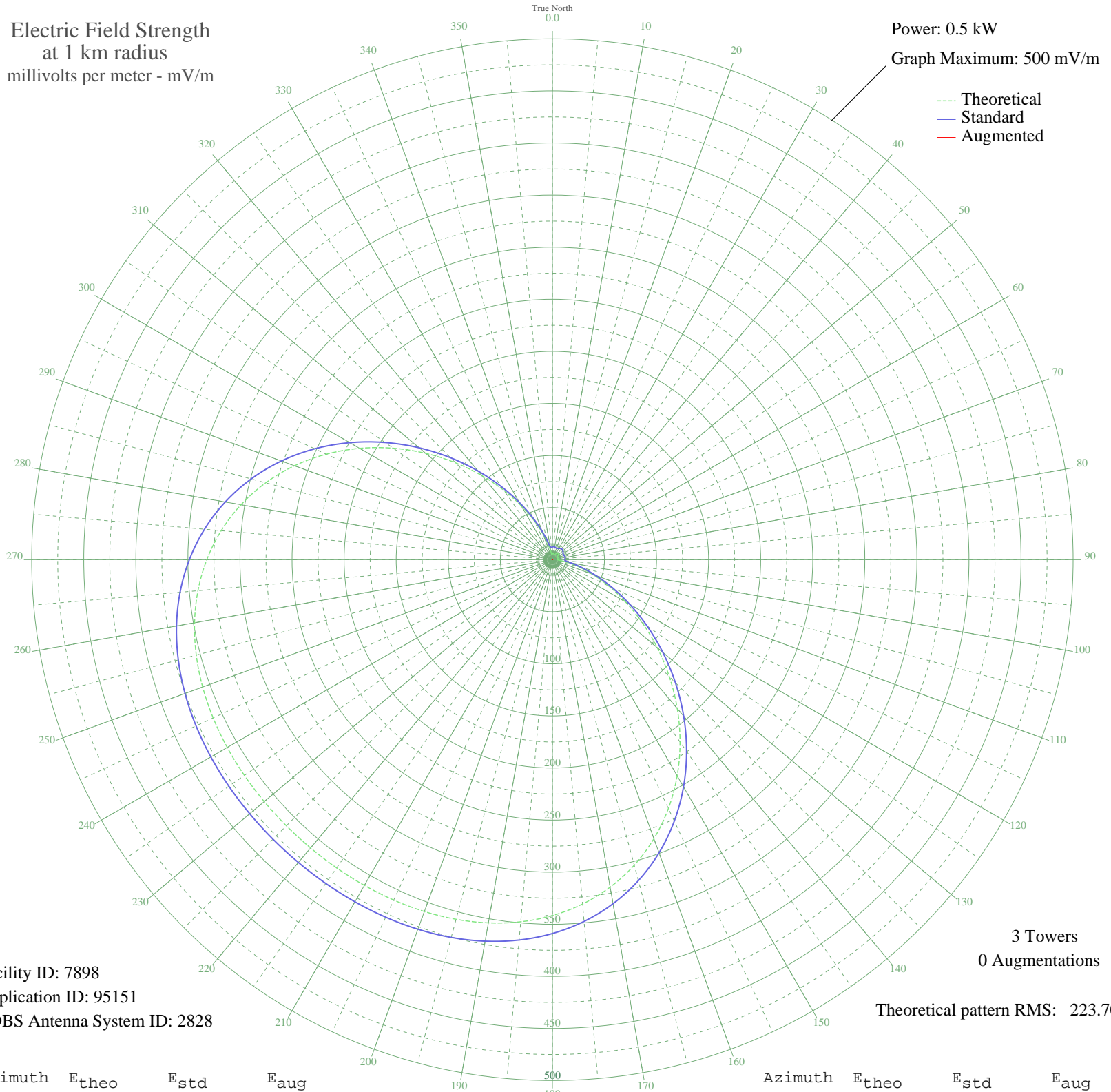


WCKA JACKSONVILLE, AL BL-19861125AK 810 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 7898
Application ID: 95151
CDBS Antenna System ID: 2828

3 Towers
0 Augmentations

Theoretical pattern RMS: 223.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	5.98	12.23	
5	6.60	12.58	
10	6.15	12.33	
15	5.21	11.84	
20	4.67	11.59	
25	5.20	11.84	
30	6.42	12.48	
35	7.59	13.18	
40	8.26	13.62	
45	8.26	13.62	
50	7.59	13.18	
55	6.42	12.48	
60	5.20	11.84	
65	4.67	11.59	
70	5.21	11.84	
75	6.15	12.33	
80	6.60	12.58	
85	5.98	12.23	
90	4.72	11.61	
95	6.78	12.68	
100	14.31	18.33	
105	25.84	29.09	
110	40.96	44.27	
115	59.48	63.33	
120	81.08	85.78	
125	105.28	111.04	
130	131.44	138.41	
135	158.79	167.06	
140	186.49	196.10	
145	213.69	224.62	
150	239.61	251.81	
155	263.56	276.94	
160	285.02	299.45	
165	303.63	318.98	
170	319.23	335.36	
175	331.85	348.61	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	341.65	358.89	
185	348.92	366.52	
190	354.04	371.89	
195	357.40	375.42	
200	359.43	377.55	
205	360.53	378.70	
210	361.03	379.23	
215	361.21	379.42	
220	361.25	379.46	
225	361.25	379.46	
230	361.21	379.42	
235	361.03	379.23	
240	360.53	378.70	
245	359.43	377.55	
250	357.40	375.42	
255	354.04	371.89	
260	348.92	366.52	
265	341.65	358.89	
270	331.85	348.60	
275	319.23	335.36	
280	303.63	318.98	
285	285.02	299.45	
290	263.56	276.94	
295	239.61	251.81	
300	213.69	224.62	
305	186.49	196.10	
310	158.79	167.06	
315	131.44	138.41	
320	105.28	111.04	
325	81.08	85.78	
330	59.48	63.33	
335	40.96	44.27	
340	25.84	29.09	
345	14.31	18.33	
350	6.78	12.68	
355	4.72	11.61	