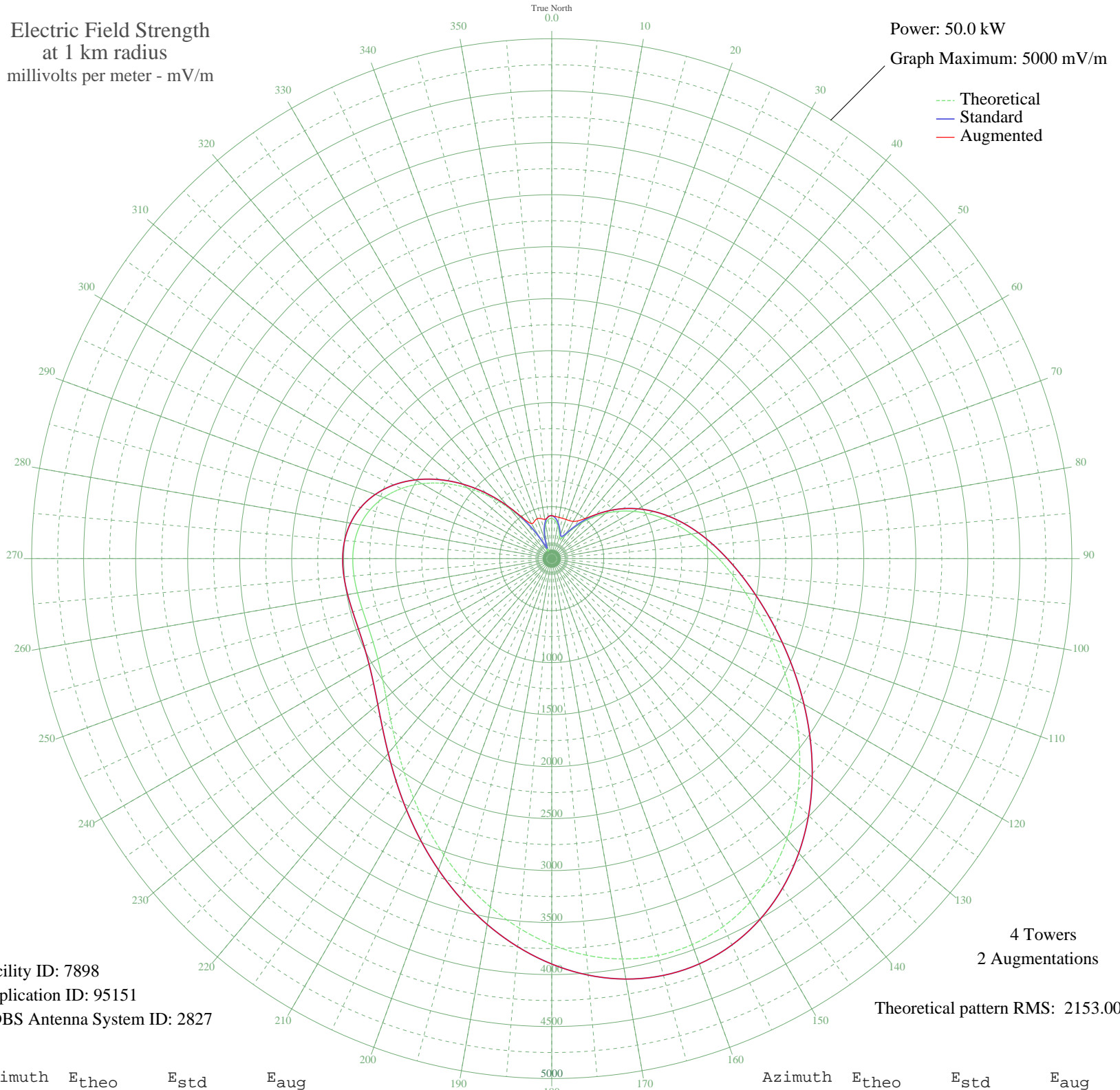


# WCKA JACKSONVILLE, AL BL-19861125AK 810 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 7898  
Application ID: 95151  
CDBS Antenna System ID: 2827

4 Towers  
2 Augmentations  
Theoretical pattern RMS: 2153.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	387.25	413.33	413.33
5	367.84	393.30	407.18
10	325.63	349.88	402.81
15	271.22	294.30	401.17
20	223.38	246.02	401.03
25	212.92	235.57	403.15
30	259.12	282.02	413.88
35	345.41	370.20	444.77
40	450.59	478.91	506.19
45	563.51	596.33	599.75
50	679.03	716.84	716.84
55	794.71	837.74	837.74
60	909.46	957.81	957.81
65	1022.99	1076.70	1076.70
70	1135.60	1194.69	1194.69
75	1248.16	1312.67	1312.67
80	1362.24	1432.28	1432.28
85	1480.24	1556.02	1556.02
90	1605.31	1687.21	1687.21
95	1741.18	1829.75	1829.75
100	1891.53	1987.49	1987.49
105	2059.18	2163.41	2163.41
110	2245.28	2358.71	2358.71
115	2448.60	2572.10	2572.10
120	2665.30	2799.55	2799.55
125	2889.12	3034.49	3034.49
130	3111.99	3268.43	3268.43
135	3324.76	3491.79	3491.79
140	3518.16	3694.81	3694.81
145	3683.57	3868.46	3868.46
150	3813.76	4005.14	4005.14
155	3903.42	4099.27	4099.27
160	3949.44	4147.57	4147.57
165	3951.00	4149.22	4149.22
170	3909.53	4105.67	4105.67
175	3828.37	4020.47	4020.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3712.48	3898.81	3898.81
185	3567.95	3747.08	3747.08
190	3401.58	3572.43	3572.43
195	3220.49	3382.33	3382.33
200	3031.72	3184.18	3184.18
205	2842.04	2985.07	2985.07
210	2657.72	2791.59	2791.59
215	2484.44	2609.72	2609.72
220	2327.27	2444.77	2444.77
225	2190.53	2301.25	2301.25
230	2077.61	2182.76	2182.76
235	1990.73	2091.59	2091.59
240	1930.48	2028.36	2028.36
245	1895.43	1991.59	1991.59
250	1882.02	1977.51	1977.51
255	1884.62	1980.24	1980.24
260	1896.06	1992.24	1992.24
265	1908.26	2005.04	2005.04
270	1912.93	2009.95	2009.95
275	1902.25	1998.74	1998.74
280	1869.39	1964.27	1964.27
285	1809.06	1900.96	1900.96
290	1717.90	1805.32	1805.32
295	1594.78	1676.16	1676.16
300	1441.01	1514.88	1514.88
305	1260.28	1325.38	1325.38
310	1058.53	1113.93	1113.93
315	843.51	888.79	888.79
320	624.33	659.74	659.74
325	411.08	437.97	470.44
330	215.82	238.46	389.10
335	77.75	110.35	394.48
340	147.48	171.74	408.44
345	255.45	278.31	398.16
350	333.64	358.10	384.20
355	377.18	402.94	402.94

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission