

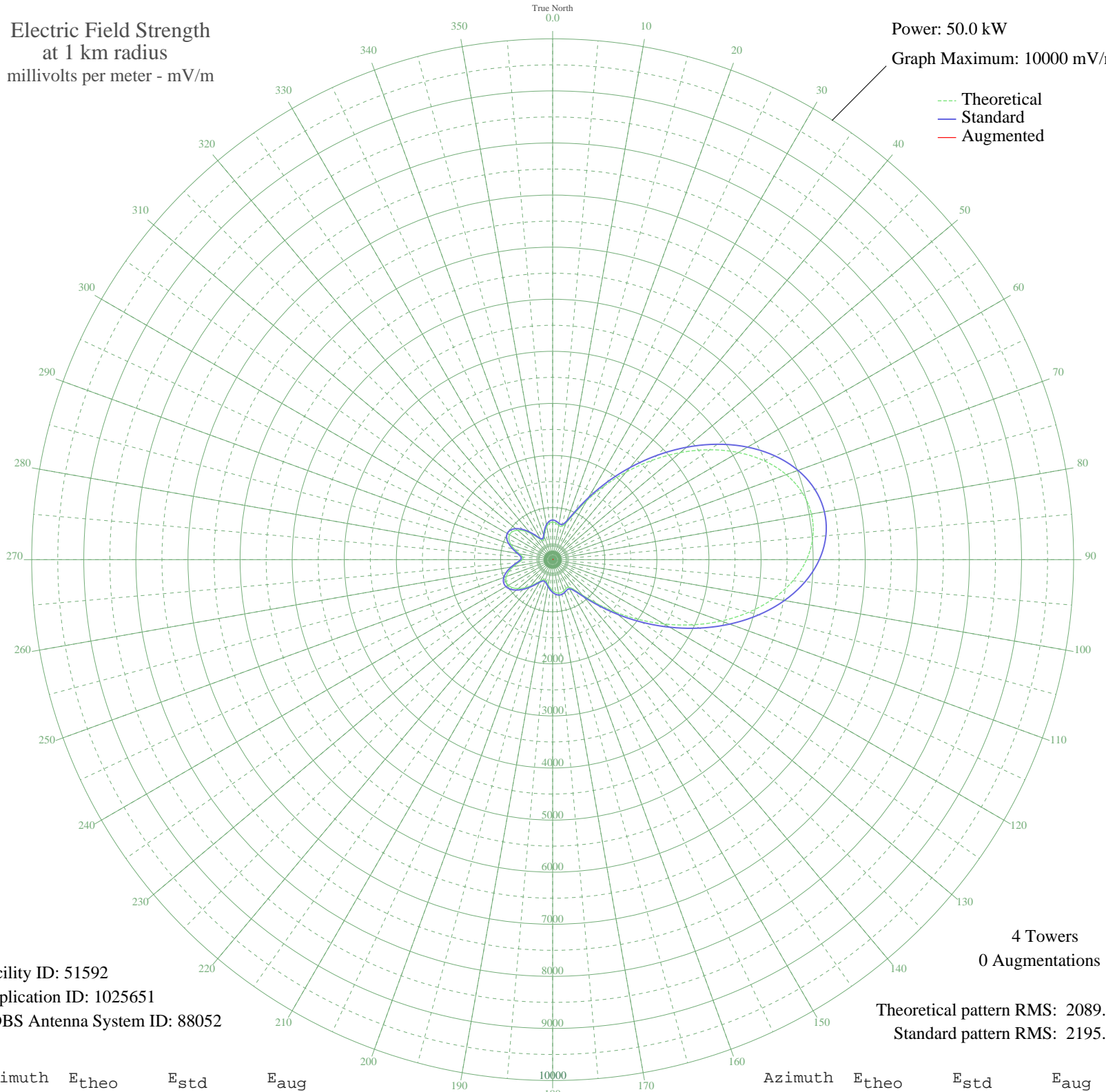
WNLS TALLAHASSEE, FL BP-20031231ABV 1270 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 51592
Application ID: 1025651
CDBS Antenna System ID: 88052

4 Towers
0 Augmentations

Theoretical pattern RMS: 2089.00
Standard pattern RMS: 2195.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	721.24	760.94	
5	704.42	743.36	
10	669.08	706.44	
15	660.70	697.69	
20	747.59	788.47	
25	967.86	1018.96	
30	1304.46	1371.70	
35	1723.76	1811.47	
40	2196.09	2307.09	
45	2695.54	2831.29	
50	3197.60	3358.30	
55	3678.35	3862.98	
60	4114.81	4321.19	
65	4485.80	4710.68	
70	4773.04	5012.24	
75	4962.18	5210.81	
80	5043.76	5296.47	
85	5013.83	5265.04	
90	4874.26	5118.51	
95	4632.64	4864.83	
100	4301.74	4517.44	
105	3898.73	4094.34	
110	3443.96	3616.92	
115	2959.68	3108.56	
120	2468.86	2593.37	
125	1994.08	2095.10	
130	1557.14	1636.69	
135	1179.57	1240.77	
140	883.92	931.09	
145	692.53	730.94	
150	611.57	646.42	
155	608.86	643.60	
160	633.94	669.77	
165	653.13	689.79	
170	653.08	689.74	
175	632.04	667.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	593.69	627.78	
185	544.12	576.13	
190	491.05	520.92	
195	444.41	472.50	
200	417.38	444.49	
205	424.08	451.43	
210	471.34	500.44	
215	553.15	585.54	
220	655.67	692.45	
225	763.57	805.18	
230	862.41	908.57	
235	939.23	988.98	
240	983.28	1035.11	
245	987.16	1039.18	
250	948.20	998.38	
255	870.06	916.57	
260	764.79	806.45	
265	656.02	692.81	
270	580.98	614.53	
275	577.11	610.49	
280	645.77	682.11	
285	750.19	791.19	
290	851.64	897.30	
295	924.78	973.85	
300	955.91	1006.45	
305	939.93	989.71	
310	878.51	925.42	
315	779.33	821.66	
320	656.24	693.04	
325	531.40	562.89	
330	439.33	467.23	
335	419.21	446.39	
340	473.64	502.83	
345	561.88	594.62	
350	645.37	681.70	
355	701.89	740.71	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission