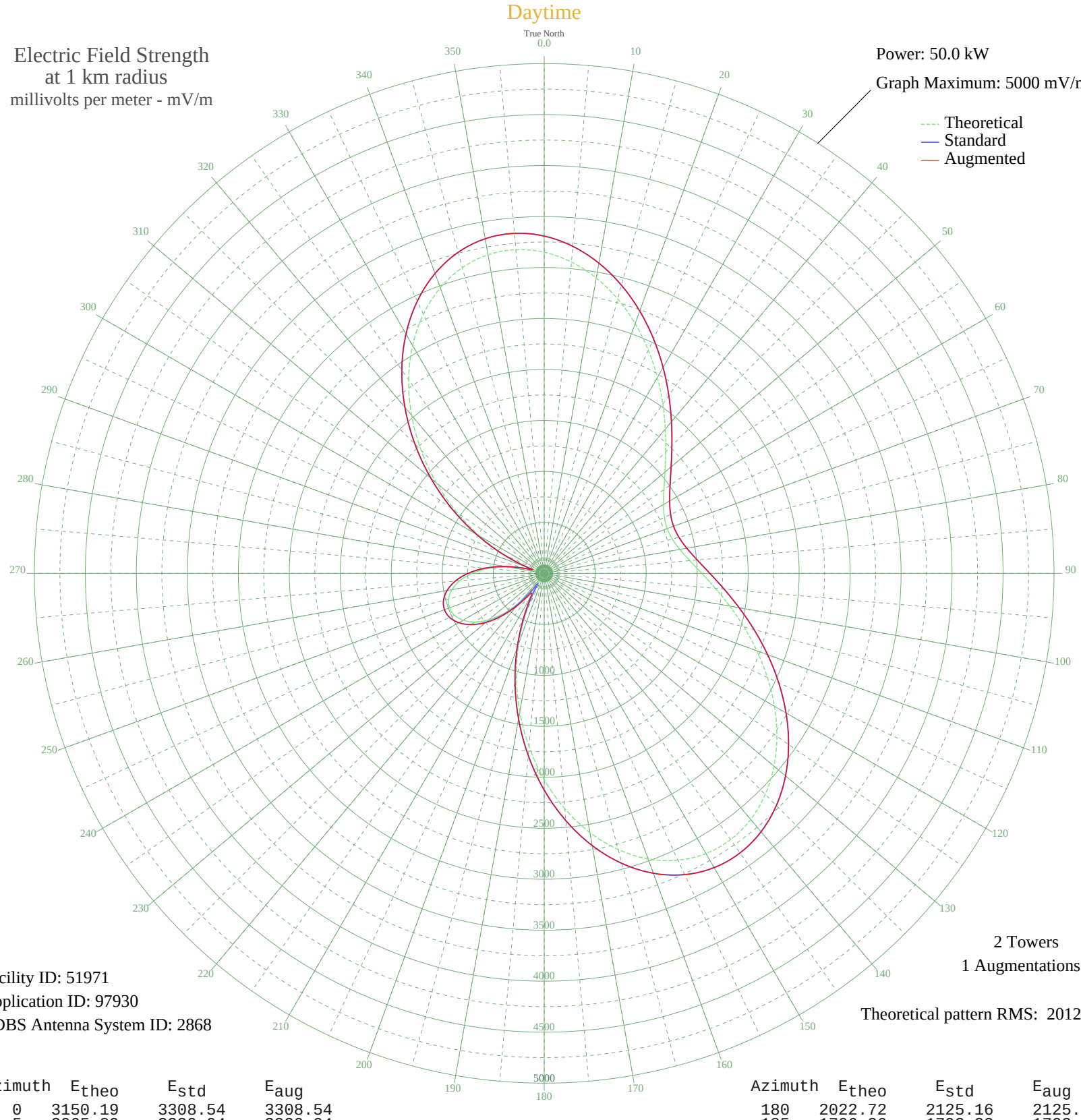
WMGG LARGO, FL BL-19870219AA 820 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
1 Augmentations

Theoretical pattern RMS: 2012.16

Facility ID: 51971
Application ID: 97930
CDBS Antenna System ID: 2868

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3150.19	3308.54	3308.54
5	3065.89	3220.04	3220.04
10	2941.66	3089.63	3089.63
15	2785.79	2926.02	2926.02
20	2607.34	2738.72	2738.72
25	2415.62	2537.49	2537.49
30	2219.65	2331.82	2331.82
35	2027.79	2130.48	2130.48
40	1847.47	1941.26	1941.26
45	1685.01	1770.82	1770.82
50	1545.59	1624.57	1624.57
55	1433.25	1506.75	1506.75
60	1351.00	1420.49	1420.49
65	1300.86	1367.92	1367.92
70	1284.02	1350.26	1350.26
75	1300.86	1367.92	1367.92
80	1351.00	1420.49	1420.49
85	1433.25	1506.75	1506.75
90	1545.59	1624.56	1624.56
95	1685.01	1770.82	1770.82
100	1847.47	1941.26	1941.26
105	2027.79	2130.47	2130.47
110	2219.65	2331.82	2331.82
115	2415.62	2537.49	2537.49
120	2607.34	2738.72	2738.72
125	2785.78	2926.02	2926.02
130	2941.66	3089.63	3089.63
135	3065.89	3220.04	3220.04
140	3150.19	3308.53	3308.53
145	3187.64	3347.85	3347.85
150	3173.21	3332.69	3332.69
155	3104.16	3260.22	3260.22
160	2980.36	3130.26	3130.26
165	2804.31	2945.46	2945.46
170	2580.99	2711.06	2711.06
175	2317.54	2434.54	2434.54

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2022.72	2125.16	2125.16
185	1706.36	1793.22	1793.22
190	1378.66	1449.50	1449.50
195	1049.66	1104.65	1106.64
200	728.85	768.89	778.96
205	425.46	452.87	483.11
210	156.04	179.88	262.60
215	149.00	173.17	258.05
220	360.56	385.80	420.89
225	550.64	582.92	596.14
230	708.01	747.11	750.06
235	830.79	875.48	875.48
240	918.48	967.25	967.25
245	971.03	1022.28	1022.28
250	988.54	1040.62	1040.62
255	971.03	1022.28	1022.28
260	918.48	967.25	967.25
265	830.79	875.48	875.48
270	708.01	747.11	747.11
275	550.64	582.92	582.92
280	360.56	385.80	385.80
285	149.00	173.17	173.17
290	156.04	179.88	179.88
295	425.47	452.87	452.87
300	728.85	768.89	768.89
305	1049.67	1104.65	1104.65
310	1378.67	1449.50	1449.50
315	1706.36	1793.22	1793.22
320	2022.73	2125.16	2125.16
325	2317.54	2434.55	2434.55
330	2580.99	2711.06	2711.06
335	2804.31	2945.46	2945.46
340	2980.36	3130.26	3130.26
345	3104.16	3260.22	3260.22
350	3173.21	3332.69	3332.69
355	3187.64	3347.85	3347.85