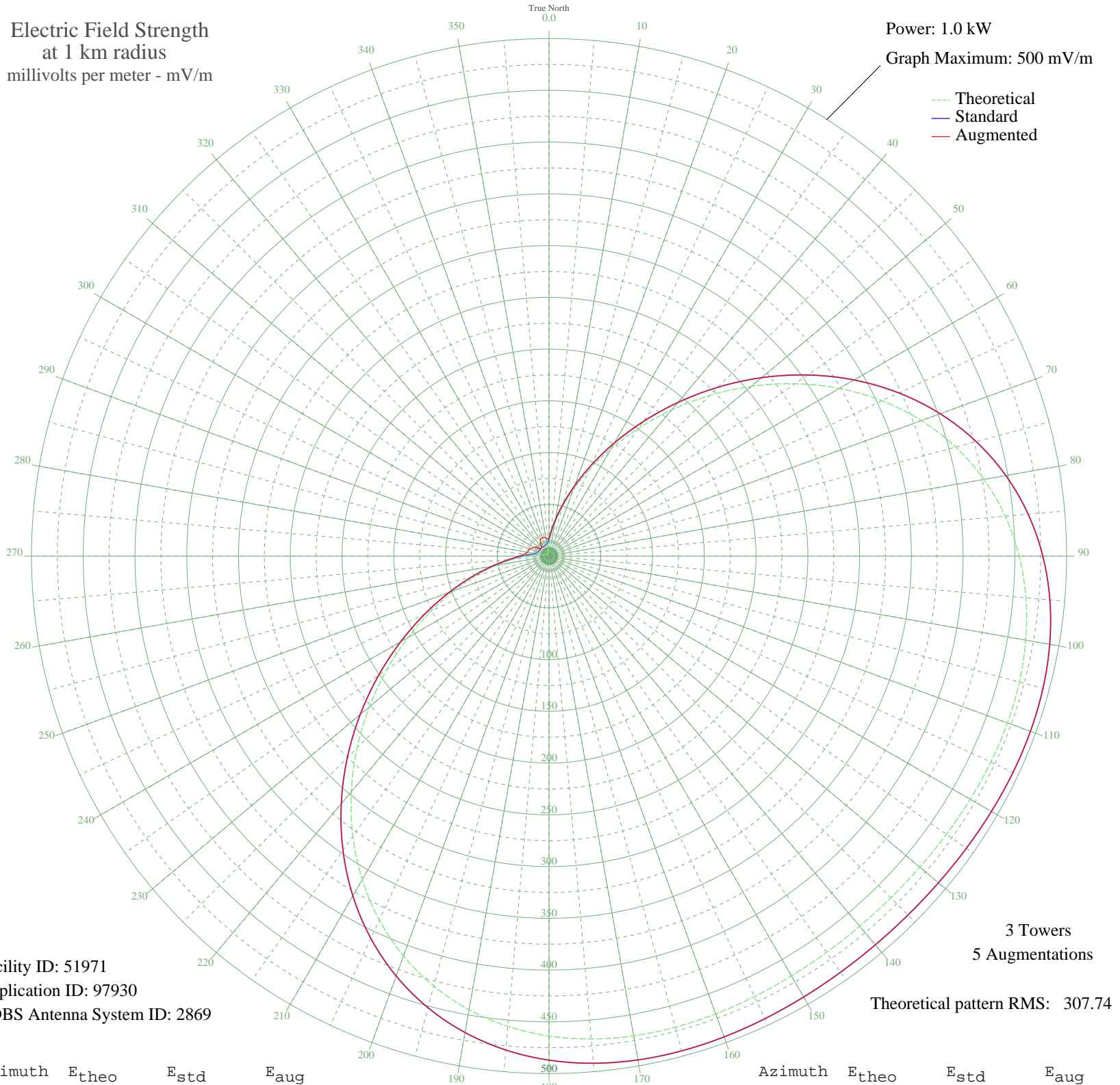


# WWBA LARGO, FL BL-19870219AA 820 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 51971  
Application ID: 97930  
CDBS Antenna System ID: 2869

3 Towers  
5 Augmentations

Theoretical pattern RMS: 307.74

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	12.86	17.11	17.61
5	20.90	24.33	24.33
10	32.59	35.80	35.80
15	48.27	51.76	51.76
20	68.08	72.25	72.25
25	91.99	97.16	97.16
30	119.71	126.14	126.14
35	150.73	158.61	158.61
40	184.28	193.78	193.78
45	219.45	230.66	230.66
50	255.17	268.14	268.14
55	290.36	305.06	305.06
60	323.96	340.32	340.32
65	355.03	372.93	372.93
70	382.81	402.09	402.09
75	406.78	427.25	427.25
80	426.65	448.11	448.11
85	442.40	464.64	464.64
90	454.21	477.03	477.03
95	462.45	485.69	485.69
100	467.64	491.13	491.13
105	470.36	493.99	493.99
110	471.25	494.92	494.92
115	470.90	494.55	494.55
120	469.87	493.47	493.47
125	468.63	492.18	492.18
130	467.57	491.06	491.06
135	466.94	490.40	490.40
140	466.88	490.34	490.34
145	467.41	490.89	490.89
150	468.40	491.93	491.93
155	469.62	493.22	493.22
160	470.73	494.38	494.38
165	471.26	494.93	494.93
170	470.67	494.31	494.31
175	468.36	491.89	491.89

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	463.71	487.01	487.01
185	456.13	479.05	479.05
190	445.07	467.44	467.44
195	430.13	451.76	451.76
200	411.09	431.77	431.77
205	387.93	407.46	407.46
210	360.87	379.06	379.06
215	330.41	347.09	347.09
220	297.24	312.28	312.28
225	262.29	275.60	275.60
230	226.58	238.14	238.14
235	191.22	201.05	201.05
240	157.26	165.46	165.46
245	125.67	132.37	132.37
250	97.24	102.64	102.64
255	72.54	76.89	76.89
260	51.90	55.49	55.49
265	35.40	38.93	38.93
270	22.93	26.27	29.15
275	14.20	18.23	24.00
280	8.73	13.94	21.25
285	5.79	12.13	20.66
290	4.22	11.40	19.74
295	3.06	10.98	17.83
300	2.09	10.73	17.00
305	1.71	10.65	14.59
310	2.04	10.72	10.88
315	2.42	10.80	10.80
320	2.46	10.81	11.13
325	2.13	10.73	13.78
330	1.73	10.66	16.85
335	1.95	10.70	18.44
340	2.85	10.92	18.70
345	3.97	11.30	18.78
350	5.40	11.93	17.81
355	7.97	13.43	16.61