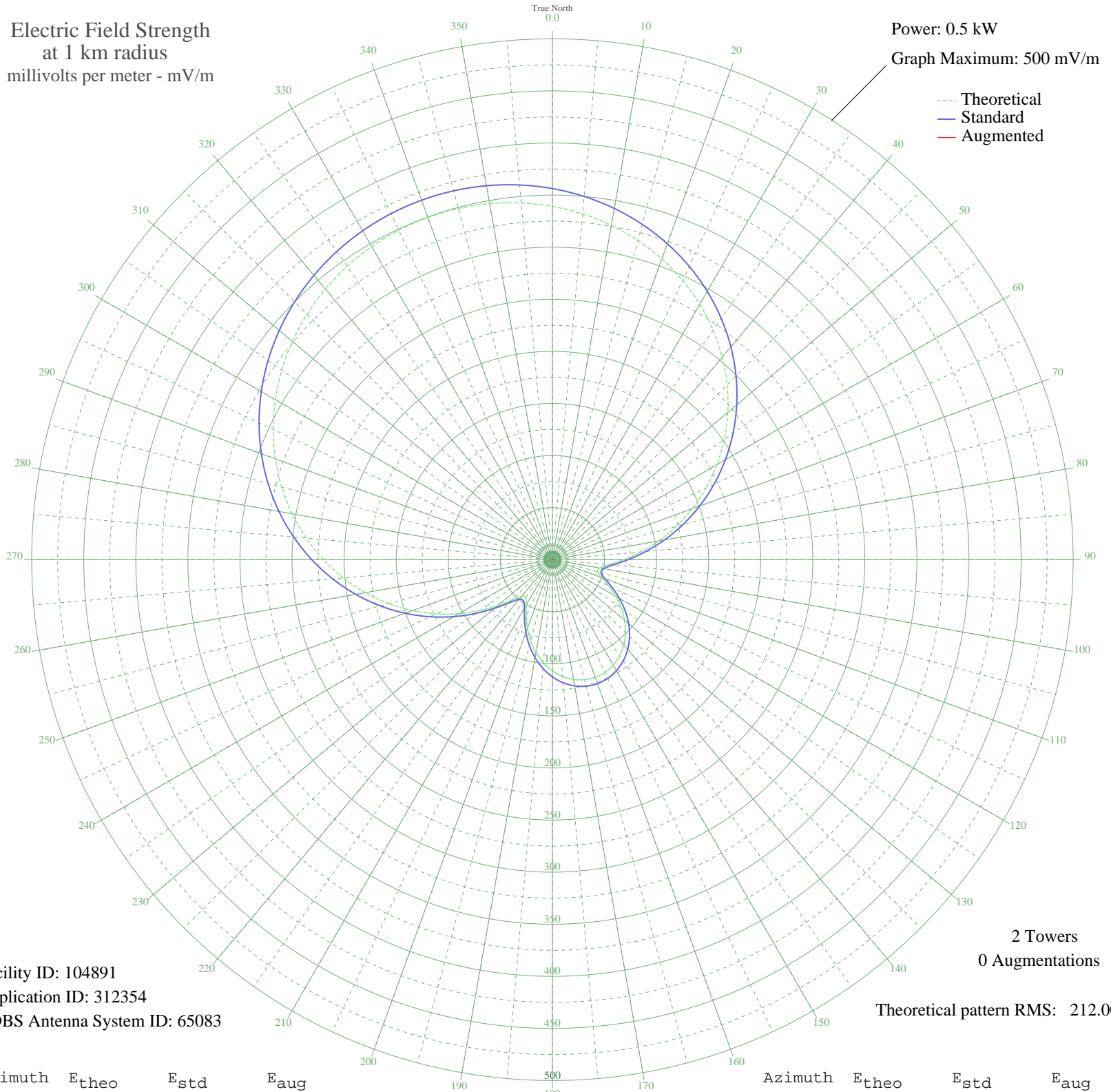


# ZYI422 ATIBAIA, - Brazil -- 1480 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 104891  
Application ID: 312354  
CDBS Antenna System ID: 65083

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 212.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	339.13	356.24	
5	333.19	350.01	
10	325.89	342.35	
15	317.23	333.26	
20	307.19	322.72	
25	295.79	310.76	
30	283.05	297.38	
35	269.00	282.65	
40	253.72	266.61	
45	237.28	249.36	
50	219.81	231.04	
55	201.44	211.77	
60	182.36	191.76	
65	162.76	171.22	
70	142.90	150.41	
75	123.08	129.66	
80	103.67	109.36	
85	85.20	90.08	
90	68.47	72.66	
95	54.81	58.50	
100	46.32	49.76	
105	44.99	48.39	
110	50.28	53.83	
115	59.43	63.28	
120	70.00	74.25	
125	80.61	85.29	
130	90.49	95.59	
135	99.25	104.74	
140	106.64	112.46	
145	112.50	118.59	
150	116.75	123.03	
155	119.31	125.72	
160	120.17	126.62	
165	119.31	125.72	
170	116.75	123.03	
175	112.50	118.59	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	106.64	112.46	
185	99.25	104.74	
190	90.49	95.59	
195	80.61	85.29	
200	70.00	74.25	
205	59.43	63.28	
210	50.28	53.83	
215	44.99	48.39	
220	46.32	49.76	
225	54.81	58.50	
230	68.47	72.66	
235	85.20	90.08	
240	103.67	109.36	
245	123.08	129.66	
250	142.90	150.41	
255	162.76	171.22	
260	182.36	191.76	
265	201.44	211.77	
270	219.81	231.04	
275	237.28	249.36	
280	253.72	266.61	
285	269.00	282.65	
290	283.05	297.38	
295	295.79	310.76	
300	307.19	322.72	
305	317.23	333.26	
310	325.89	342.35	
315	333.19	350.01	
320	339.13	356.24	
325	343.72	361.06	
330	346.99	364.49	
335	348.95	366.55	
340	349.60	367.23	
345	348.95	366.55	
350	346.99	364.49	
355	343.72	361.06	