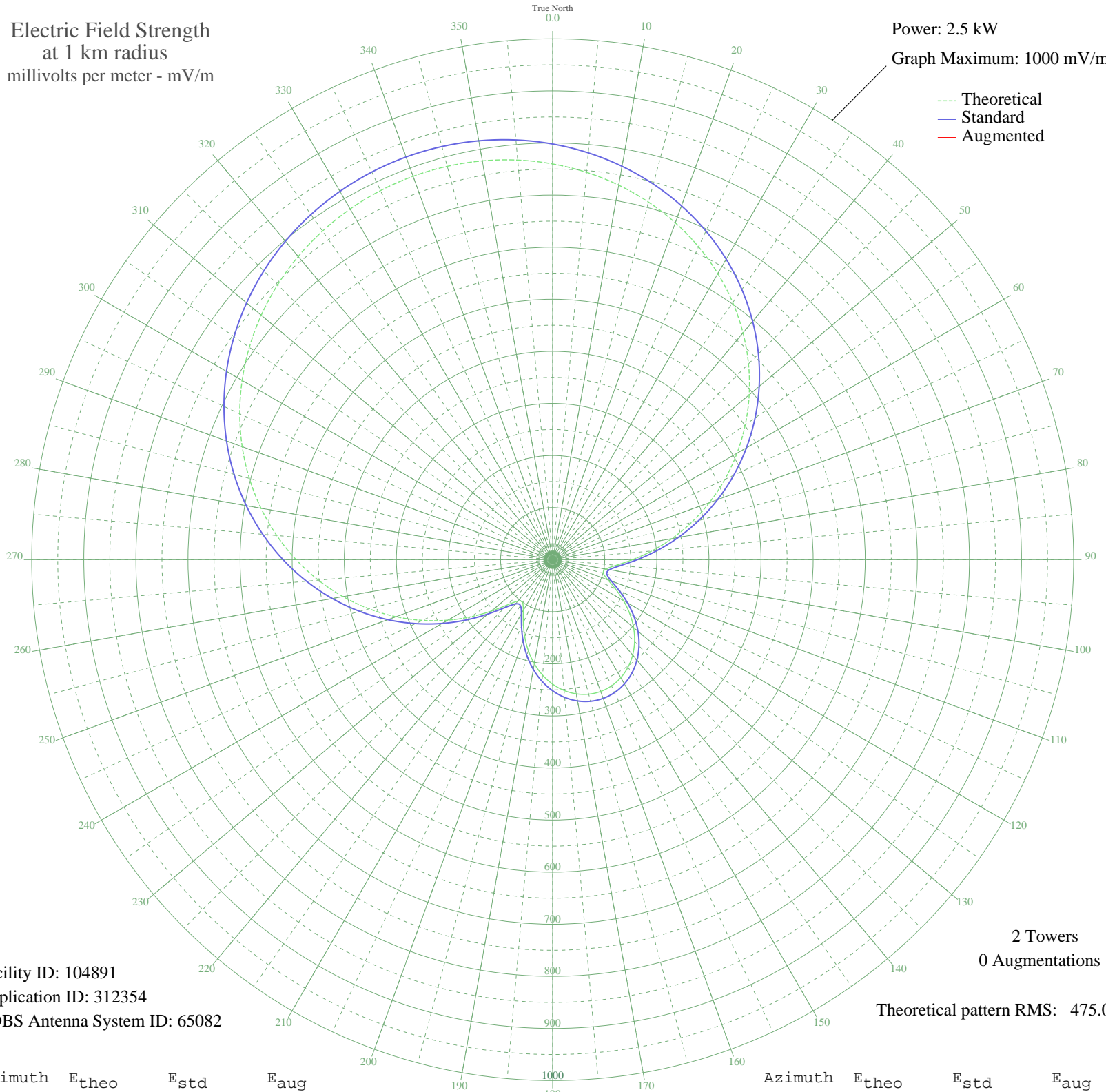


# ZYI422 ATIBAIA, - Brazil -- 1480 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 104891  
Application ID: 312354  
CDBS Antenna System ID: 65082

2 Towers  
0 Augmentations

Theoretical pattern RMS: 475.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	759.84	798.08	
5	746.53	784.11	
10	730.18	766.96	
15	710.77	746.58	
20	688.28	722.98	
25	662.74	696.16	
30	634.18	666.19	
35	602.71	633.17	
40	568.47	597.23	
45	531.64	558.58	
50	492.49	517.51	
55	451.34	474.33	
60	408.58	429.48	
65	364.68	383.44	
70	320.18	336.79	
75	275.77	290.25	
80	232.28	244.72	
85	190.90	201.45	
90	153.41	162.33	
95	122.80	130.49	
100	103.79	110.80	
105	100.80	107.72	
110	112.65	119.97	
115	133.16	141.24	
120	156.85	165.91	
125	180.60	190.69	
130	202.75	213.83	
135	222.37	234.35	
140	238.92	251.67	
145	252.06	265.42	
150	261.58	275.39	
155	267.33	281.41	
160	269.26	283.43	
165	267.33	281.41	
170	261.58	275.39	
175	252.06	265.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	238.92	251.67	
185	222.37	234.35	
190	202.75	213.83	
195	180.60	190.69	
200	156.85	165.91	
205	133.16	141.24	
210	112.65	119.97	
215	100.80	107.72	
220	103.79	110.80	
225	122.80	130.49	
230	153.41	162.33	
235	190.90	201.45	
240	232.28	244.72	
245	275.77	290.25	
250	320.18	336.79	
255	364.68	383.44	
260	408.58	429.48	
265	451.34	474.33	
270	492.49	517.51	
275	531.64	558.58	
280	568.47	597.23	
285	602.71	633.17	
290	634.18	666.19	
295	662.74	696.16	
300	688.28	722.98	
305	710.77	746.58	
310	730.18	766.96	
315	746.53	784.11	
320	759.84	798.08	
325	770.13	808.89	
330	777.46	816.58	
335	781.84	821.18	
340	783.30	822.71	
345	781.84	821.18	
350	777.46	816.58	
355	770.13	808.89	

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