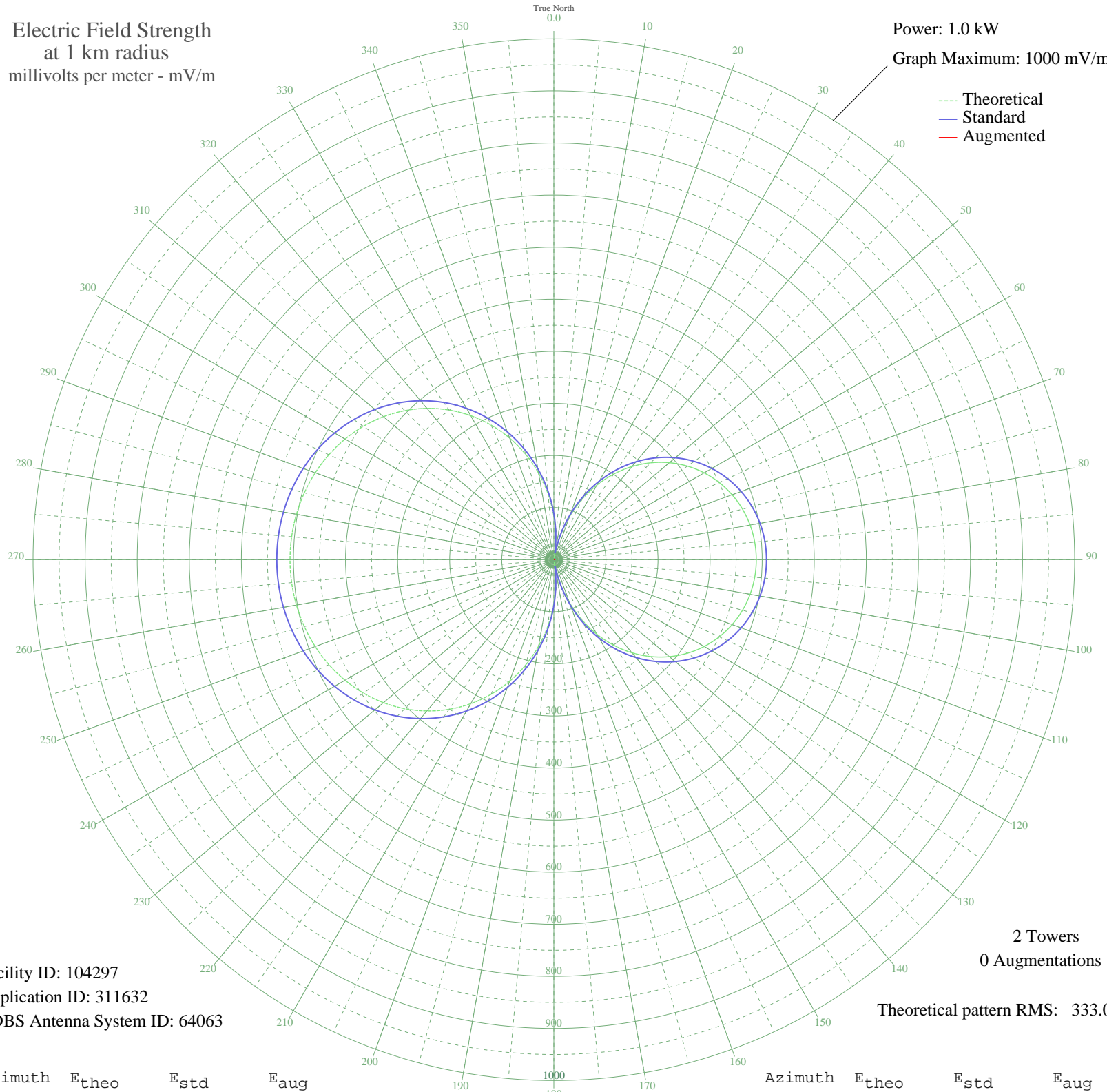


# ZYJ-335 S DO LONTRA, - Brazil -- 1390 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 104297  
Application ID: 311632  
CDBS Antenna System ID: 64063

2 Towers  
0 Augmentations

Theoretical pattern RMS: 333.03

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	83.34	88.31	
5	39.85	43.49	
10	3.50	12.41	
15	46.17	49.91	
20	87.66	92.80	
25	127.49	134.39	
30	165.26	173.93	
35	200.60	210.97	
40	233.24	245.19	
45	262.96	276.36	
50	289.60	304.31	
55	313.08	328.94	
60	333.35	350.21	
65	350.41	368.12	
70	364.28	382.68	
75	375.00	393.93	
80	382.63	401.93	
85	387.18	406.72	
90	388.70	408.31	
95	387.18	406.72	
100	382.63	401.93	
105	375.00	393.93	
110	364.28	382.68	
115	350.41	368.12	
120	333.35	350.21	
125	313.08	328.94	
130	289.60	304.31	
135	262.96	276.36	
140	233.24	245.19	
145	200.60	210.97	
150	165.26	173.93	
155	127.49	134.39	
160	87.66	92.80	
165	46.17	49.91	
170	3.50	12.41	
175	39.85	43.49	

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	83.34	88.31	
185	126.45	133.30	
190	168.64	177.47	
195	209.42	220.22	
200	248.37	261.05	
205	285.08	299.57	
210	319.25	335.43	
215	350.66	368.38	
220	379.13	398.26	
225	404.59	424.98	
230	427.01	448.52	
235	446.44	468.91	
240	462.94	486.23	
245	476.61	500.59	
250	487.59	512.11	
255	495.98	520.91	
260	501.89	527.12	
265	505.40	530.80	
270	506.56	532.02	
275	505.40	530.80	
280	501.89	527.12	
285	495.98	520.91	
290	487.59	512.11	
295	476.61	500.59	
300	462.94	486.23	
305	446.44	468.91	
310	427.01	448.52	
315	404.59	424.98	
320	379.13	398.26	
325	350.66	368.38	
330	319.25	335.43	
335	285.08	299.57	
340	248.36	261.05	
345	209.42	220.22	
350	168.64	177.46	
355	126.45	133.30	