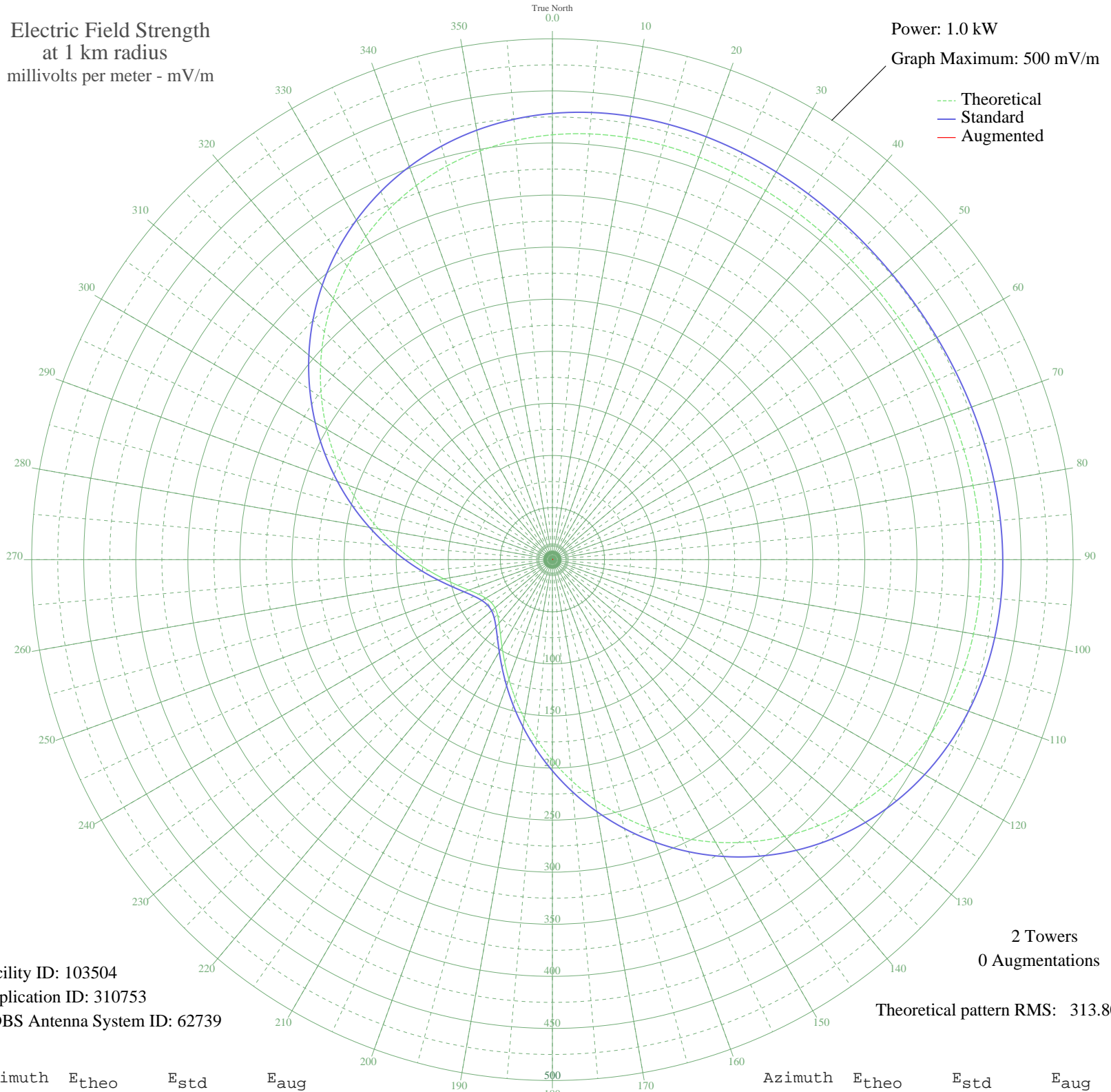


# ZYL-288 SETE LAGOAS, - Brazil -- 1300 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 103504  
Application ID: 310753  
CDBS Antenna System ID: 62739

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 313.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	407.86	428.38	
5	410.29	430.93	
10	411.51	432.21	
15	411.77	432.49	
20	411.31	432.01	
25	410.38	431.03	
30	409.20	429.79	
35	407.98	428.51	
40	406.89	427.36	
45	406.06	426.50	
50	405.61	426.02	
55	405.56	425.97	
60	405.94	426.37	
65	406.70	427.16	
70	407.74	428.26	
75	408.95	429.53	
80	410.16	430.79	
85	411.16	431.84	
90	411.73	432.44	
95	411.63	432.34	
100	410.62	431.28	
105	408.45	429.00	
110	404.90	425.28	
115	399.77	419.89	
120	392.91	412.68	
125	384.19	403.54	
130	373.58	392.40	
135	361.07	379.27	
140	346.74	364.22	
145	330.71	347.41	
150	313.20	329.03	
155	294.43	309.33	
160	274.70	288.63	
165	254.33	267.25	
170	233.65	245.56	
175	213.03	223.93	

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	192.80	202.72	
185	173.31	182.27	
190	154.85	162.93	
195	137.72	144.99	
200	122.18	128.72	
205	108.43	114.34	
210	96.67	102.04	
215	87.04	91.99	
220	79.65	84.29	
225	74.60	79.03	
230	71.94	76.27	
235	71.70	76.01	
240	73.88	78.28	
245	78.45	83.04	
250	85.38	90.26	
255	94.57	99.85	
260	105.92	111.71	
265	119.28	125.68	
270	134.48	141.60	
275	151.31	159.22	
280	169.52	178.31	
285	188.83	198.55	
290	208.94	219.64	
295	229.51	241.22	
300	250.21	262.93	
305	270.67	284.39	
310	290.55	305.26	
315	309.54	325.18	
320	327.32	343.85	
325	343.66	361.00	
330	358.34	376.41	
335	371.22	389.93	
340	382.22	401.47	
345	391.31	411.01	
350	398.54	418.60	
355	404.01	424.34	