

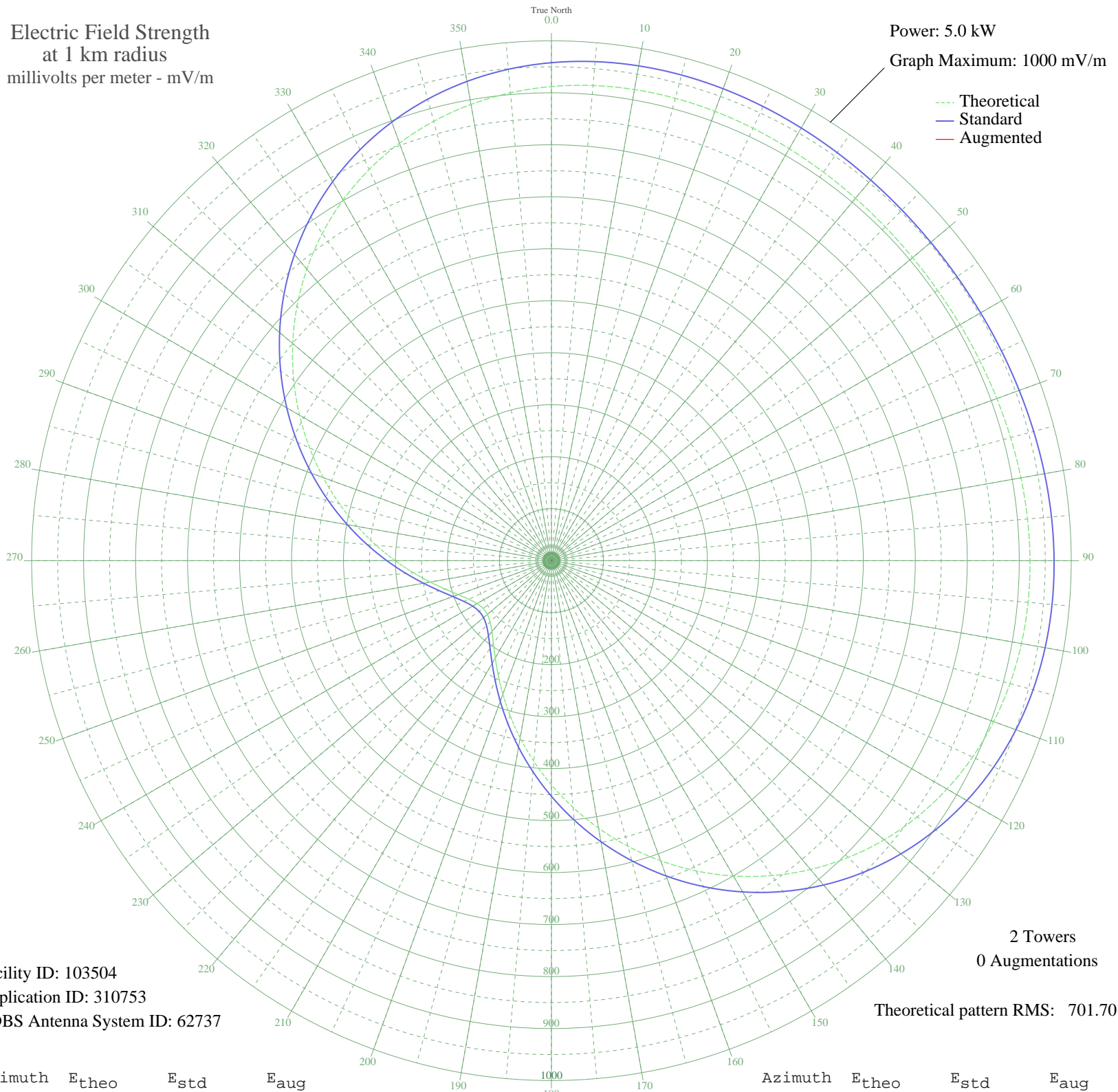
ZYL-288 SETE LAGOAS, - Brazil -- 1300 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

2 Towers
0 Augmentations

Theoretical pattern RMS: 701.70

Facility ID: 103504
Application ID: 310753
CDBS Antenna System ID: 62737

Azimuth	E _{theo}	E _{std}	E _{aug}
0	912.03	957.92	
5	917.46	963.62	
10	920.20	966.49	
15	920.78	967.10	
20	919.76	966.03	
25	917.67	963.84	
30	915.03	961.07	
35	912.29	958.20	
40	909.85	955.64	
45	908.01	953.70	
50	906.99	952.63	
55	906.90	952.53	
60	907.74	953.42	
65	909.43	955.19	
70	911.77	957.65	
75	914.48	960.49	
80	917.17	963.31	
85	919.41	965.66	
90	920.68	967.00	
95	920.47	966.78	
100	918.20	964.40	
105	913.35	959.31	
110	905.41	950.98	
115	893.95	938.94	
120	878.59	922.82	
125	859.10	902.37	
130	835.37	877.45	
135	807.40	848.09	
140	775.35	814.45	
145	739.52	776.85	
150	700.35	735.75	
155	658.39	691.70	
160	614.27	645.41	
165	568.71	597.61	
170	522.48	549.11	
175	476.37	500.74	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	431.13	453.30	
185	387.53	407.59	
190	346.27	364.34	
195	307.97	324.22	
200	273.21	287.83	
205	242.47	255.67	
210	216.17	228.19	
215	194.63	205.70	
220	178.12	188.49	
225	166.82	176.73	
230	160.87	170.54	
235	160.33	169.98	
240	165.20	175.04	
245	175.44	185.70	
250	190.92	201.83	
255	211.47	223.28	
260	236.84	249.79	
265	266.72	281.04	
270	300.72	316.63	
275	338.35	356.04	
280	379.07	398.72	
285	422.26	443.99	
290	467.22	491.15	
295	513.23	539.40	
300	559.50	587.94	
305	605.25	635.94	
310	649.71	682.60	
315	692.16	727.15	
320	731.94	768.90	
325	768.47	807.24	
330	801.31	841.70	
335	830.11	871.93	
340	854.70	897.74	
345	875.03	919.08	
350	891.19	936.05	
355	903.42	948.88	