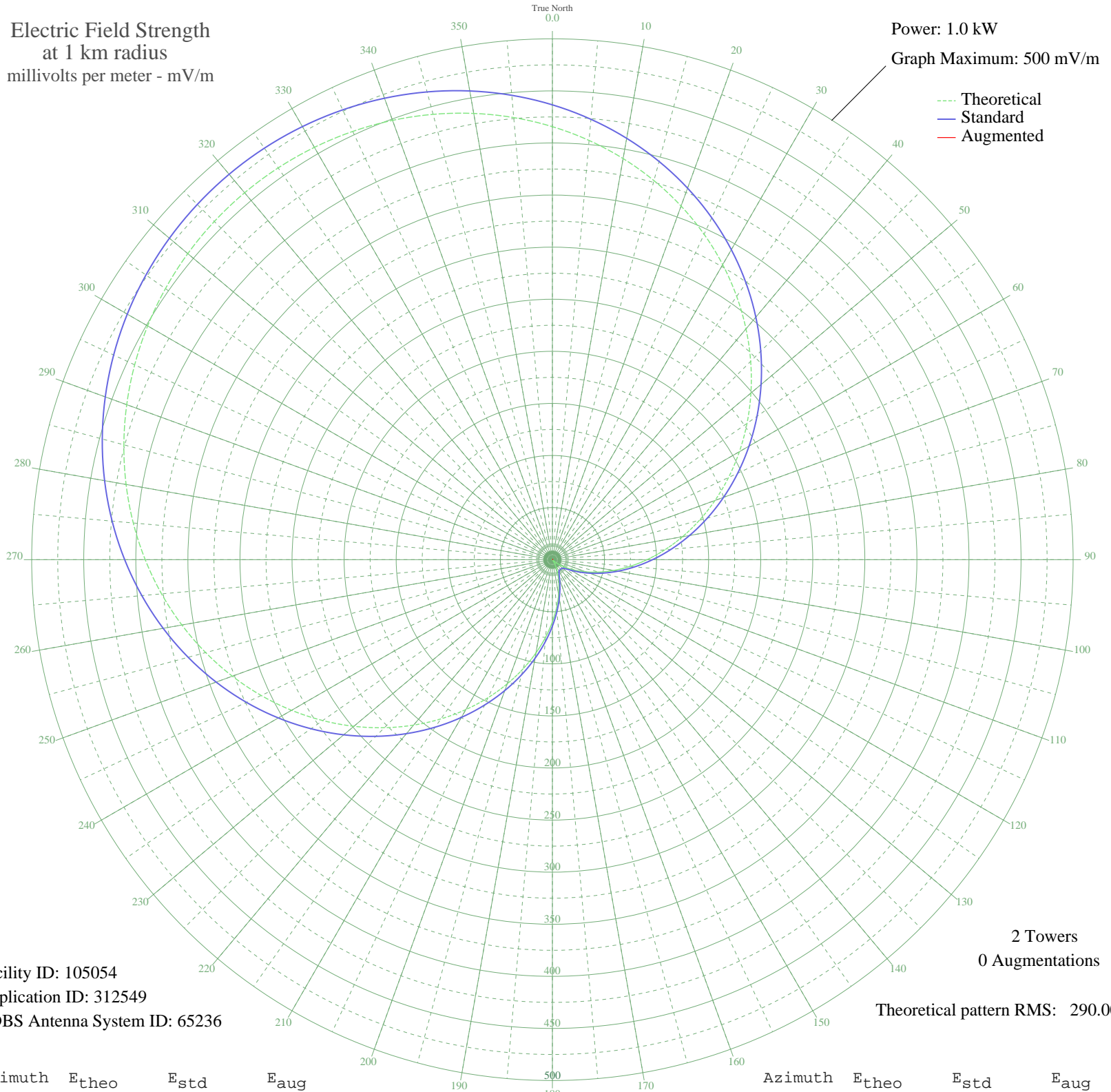


**- GUARULHOS, - Brazil -- 1500 kHz**

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 105054  
Application ID: 312549  
CDBS Antenna System ID: 65236

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 290.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	415.67	436.62	
5	403.99	424.36	
10	390.99	410.72	
15	376.73	395.75	
20	361.26	379.51	
25	344.66	362.10	
30	327.04	343.61	
35	308.51	324.16	
40	289.19	303.89	
45	269.25	282.97	
50	248.84	261.56	
55	228.14	239.85	
60	207.33	218.03	
65	186.60	196.30	
70	166.15	174.88	
75	146.17	153.96	
80	126.86	133.75	
85	108.38	114.44	
90	90.92	96.22	
95	74.63	79.28	
100	59.66	63.79	
105	46.14	49.93	
110	34.19	37.88	
115	23.92	27.86	
120	15.40	20.18	
125	8.70	15.14	
130	3.88	12.74	
135	0.97	12.11	
140	0.00	12.07	
145	0.97	12.11	
150	3.88	12.74	
155	8.70	15.14	
160	15.40	20.18	
165	23.92	27.86	
170	34.19	37.88	
175	46.14	49.93	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	59.66	63.79	
185	74.63	79.28	
190	90.92	96.22	
195	108.38	114.44	
200	126.86	133.75	
205	146.17	153.96	
210	166.15	174.88	
215	186.60	196.30	
220	207.33	218.03	
225	228.14	239.85	
230	248.84	261.56	
235	269.25	282.97	
240	289.19	303.89	
245	308.51	324.16	
250	327.04	343.61	
255	344.66	362.10	
260	361.26	379.51	
265	376.73	395.75	
270	390.99	410.72	
275	403.99	424.36	
280	415.67	436.62	
285	426.01	447.47	
290	434.98	456.89	
295	442.57	464.85	
300	448.78	471.37	
305	453.60	476.43	
310	457.04	480.05	
315	459.11	482.21	
320	459.79	482.93	
325	459.11	482.21	
330	457.04	480.05	
335	453.60	476.43	
340	448.78	471.37	
345	442.57	464.85	
350	434.98	456.89	
355	426.01	447.47	