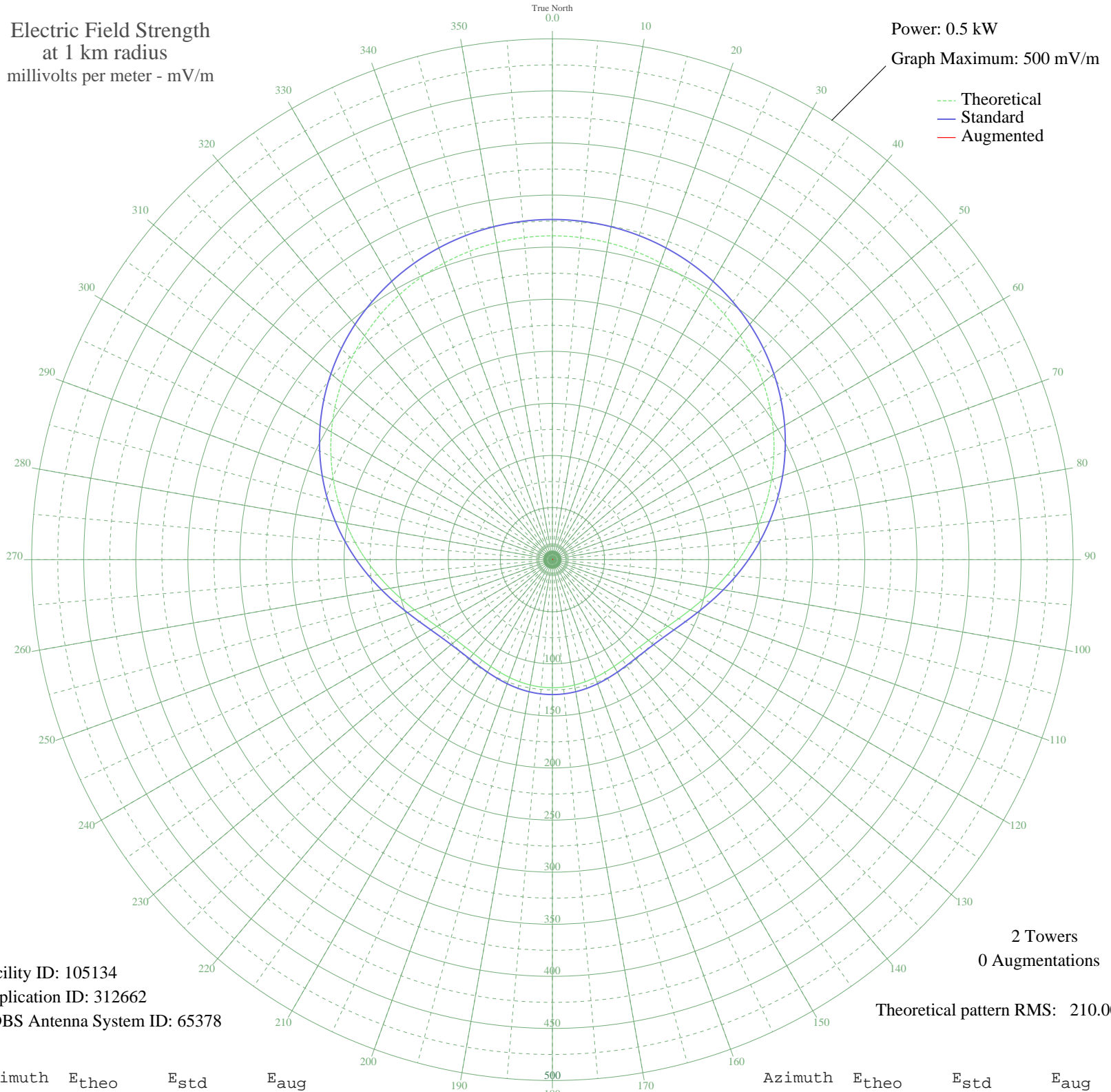


**- SALTO, - Brazil -- 1510 kHz**  
Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 105134  
Application ID: 312662  
CDBS Antenna System ID: 65378

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 210.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	310.87	326.58	
5	310.39	326.08	
10	308.94	324.56	
15	306.54	322.04	
20	303.19	318.52	
25	298.90	314.02	
30	293.69	308.55	
35	287.58	302.14	
40	280.60	294.82	
45	272.80	286.63	
50	264.22	277.63	
55	254.95	267.90	
60	245.04	257.51	
65	234.61	246.56	
70	223.76	235.18	
75	212.62	223.50	
80	201.34	211.67	
85	190.08	199.86	
90	179.03	188.28	
95	168.38	177.11	
100	158.33	166.58	
105	149.09	156.90	
110	140.85	148.26	
115	133.77	140.86	
120	127.99	134.80	
125	123.55	130.15	
130	120.44	126.89	
135	118.55	124.92	
140	117.71	124.04	
145	117.71	124.04	
150	118.29	124.65	
155	119.24	125.64	
160	120.32	126.77	
165	121.35	127.85	
170	122.19	128.73	
175	122.74	129.30	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	122.93	129.50	
185	122.74	129.30	
190	122.19	128.73	
195	121.35	127.85	
200	120.32	126.77	
205	119.24	125.64	
210	118.29	124.65	
215	117.71	124.04	
220	117.71	124.04	
225	118.55	124.92	
230	120.44	126.89	
235	123.55	130.15	
240	127.99	134.80	
245	133.77	140.86	
250	140.85	148.26	
255	149.09	156.90	
260	158.33	166.58	
265	168.38	177.11	
270	179.03	188.28	
275	190.08	199.86	
280	201.34	211.67	
285	212.62	223.50	
290	223.76	235.18	
295	234.61	246.56	
300	245.04	257.51	
305	254.95	267.90	
310	264.22	277.63	
315	272.80	286.63	
320	280.60	294.82	
325	287.58	302.14	
330	293.69	308.55	
335	298.90	314.02	
340	303.19	318.52	
345	306.54	322.04	
350	308.94	324.56	
355	310.39	326.08	

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