

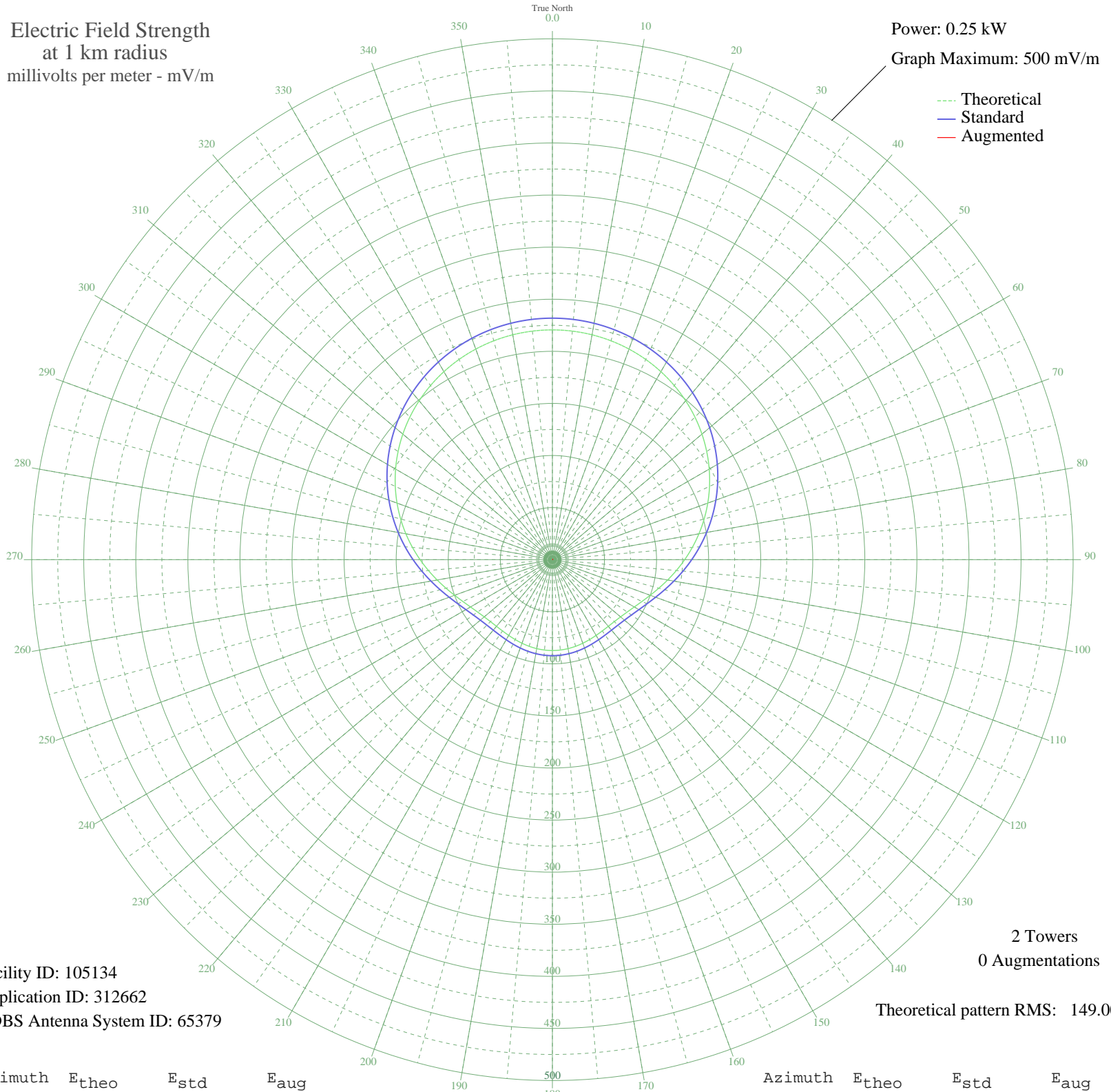
- SALTO, - Brazil -- 1510 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105134
Application ID: 312662
CDBS Antenna System ID: 65379

2 Towers
0 Augmentations

Theoretical pattern RMS: 149.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	220.57	231.84	
5	220.23	231.48	
10	219.20	230.40	
15	217.50	228.61	
20	215.12	226.12	
25	212.08	222.93	
30	208.38	219.05	
35	204.04	214.50	
40	199.09	209.31	
45	193.56	203.51	
50	187.47	197.13	
55	180.89	190.22	
60	173.86	182.86	
65	166.46	175.10	
70	158.76	167.03	
75	150.86	158.75	
80	142.85	150.36	
85	134.87	142.00	
90	127.03	133.79	
95	119.47	125.88	
100	112.34	118.43	
105	105.78	111.57	
110	99.94	105.46	
115	94.92	100.21	
120	90.81	95.93	
125	87.66	92.64	
130	85.45	90.34	
135	84.11	88.94	
140	83.52	88.32	
145	83.52	88.32	
150	83.93	88.75	
155	84.60	89.45	
160	85.37	90.25	
165	86.10	91.01	
170	86.70	91.64	
175	87.08	92.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	87.22	92.18	
185	87.08	92.04	
190	86.70	91.64	
195	86.10	91.01	
200	85.37	90.25	
205	84.60	89.45	
210	83.93	88.75	
215	83.52	88.32	
220	83.52	88.32	
225	84.11	88.94	
230	85.45	90.34	
235	87.66	92.64	
240	90.81	95.93	
245	94.92	100.21	
250	99.94	105.46	
255	105.78	111.57	
260	112.34	118.43	
265	119.47	125.88	
270	127.03	133.79	
275	134.87	142.00	
280	142.85	150.36	
285	150.86	158.75	
290	158.76	167.03	
295	166.46	175.10	
300	173.86	182.86	
305	180.89	190.22	
310	187.47	197.13	
315	193.56	203.51	
320	199.09	209.31	
325	204.04	214.50	
330	208.38	219.05	
335	212.08	222.93	
340	215.12	226.12	
345	217.50	228.61	
350	219.20	230.40	
355	220.23	231.48	

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