

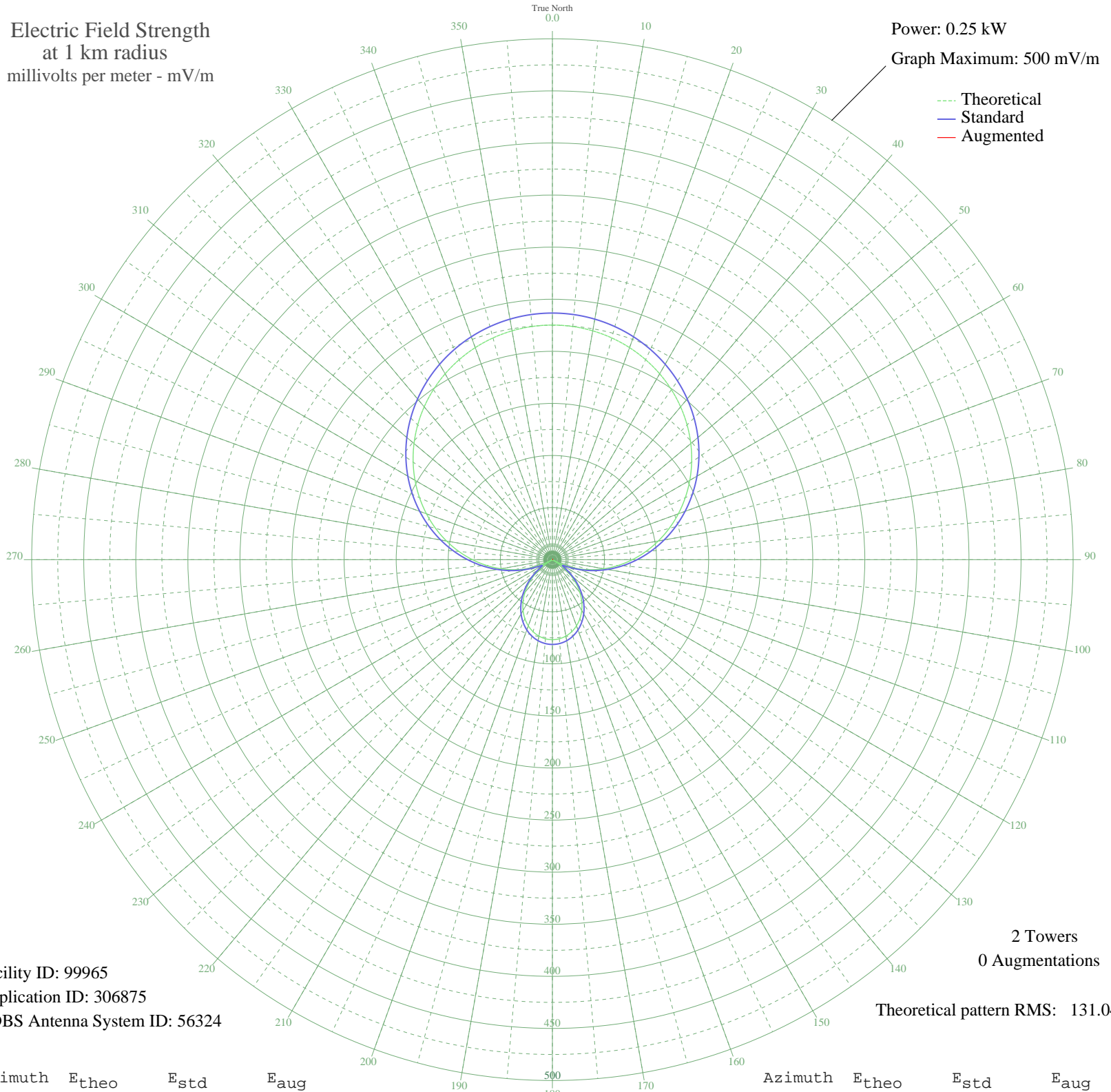
**- CAPINOPOLIS, - Brazil -- 810 kHz**

**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: 99965  
Application ID: 306875  
CDBS Antenna System ID: 56324

2 Towers  
0 Augmentations

Theoretical pattern RMS: 131.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	225.22	236.73	
5	224.68	236.17	
10	223.06	234.46	
15	220.36	231.64	
20	216.61	227.70	
25	211.82	222.68	
30	206.01	216.59	
35	199.23	209.48	
40	191.52	201.39	
45	182.91	192.36	
50	173.46	182.46	
55	163.24	171.75	
60	152.32	160.31	
65	140.78	148.22	
70	128.69	135.56	
75	116.15	122.44	
80	103.26	108.97	
85	90.11	95.25	
90	76.82	81.40	
95	63.49	67.55	
100	50.22	53.85	
105	37.14	40.49	
110	24.33	27.79	
115	11.92	16.61	
120	0.00	10.92	
125	11.34	16.16	
130	22.00	25.55	
135	31.89	35.23	
140	40.96	44.37	
145	49.12	52.72	
150	56.31	60.13	
155	62.48	66.51	
160	67.60	71.81	
165	71.61	75.98	
170	74.50	78.98	
175	76.24	80.79	

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	76.82	81.40	
185	76.24	80.79	
190	74.50	78.98	
195	71.61	75.98	
200	67.60	71.81	
205	62.48	66.51	
210	56.31	60.13	
215	49.12	52.72	
220	40.96	44.37	
225	31.89	35.23	
230	22.00	25.55	
235	11.34	16.16	
240	0.00	10.92	
245	11.92	16.61	
250	24.33	27.79	
255	37.14	40.49	
260	50.22	53.85	
265	63.49	67.55	
270	76.82	81.40	
275	90.11	95.25	
280	103.26	108.97	
285	116.15	122.44	
290	128.69	135.56	
295	140.78	148.22	
300	152.32	160.31	
305	163.24	171.75	
310	173.46	182.46	
315	182.91	192.36	
320	191.52	201.39	
325	199.23	209.48	
330	206.01	216.59	
335	211.82	222.68	
340	216.61	227.70	
345	220.36	231.64	
350	223.06	234.46	
355	224.68	236.17	