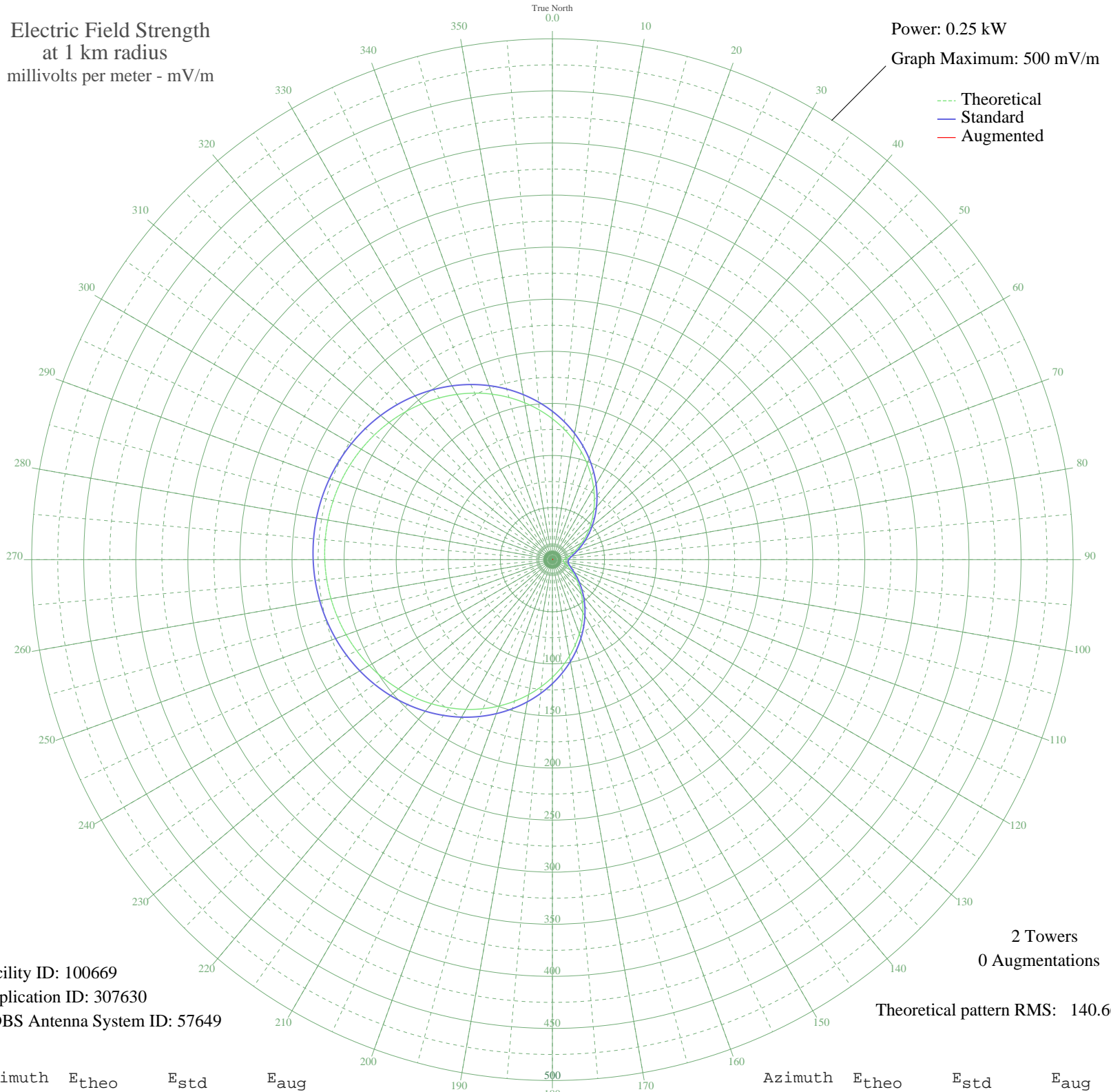


# ZYK579 DOIS CORREGO, - Brazil -- 990 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 100669  
Application ID: 307630  
CDBS Antenna System ID: 57649

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 140.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	135.26	142.41	
5	126.05	132.76	
10	116.67	122.95	
15	107.22	113.07	
20	97.77	103.20	
25	88.42	93.44	
30	79.26	83.88	
35	70.37	74.63	
40	61.84	65.78	
45	53.75	57.41	
50	46.17	49.61	
55	39.19	42.46	
60	32.85	36.05	
65	27.21	30.44	
70	22.33	25.69	
75	18.25	21.85	
80	15.00	18.93	
85	12.61	16.90	
90	11.09	15.68	
95	10.47	15.20	
100	10.74	15.41	
105	11.90	16.32	
110	13.94	18.01	
115	16.85	20.57	
120	20.60	24.05	
125	25.17	28.44	
130	30.50	33.71	
135	36.57	39.81	
140	43.30	46.67	
145	50.65	54.21	
150	58.55	62.37	
155	66.91	71.04	
160	75.67	80.14	
165	84.73	89.59	
170	94.02	99.27	
175	103.43	109.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	112.89	119.00	
185	122.31	128.85	
190	131.60	138.58	
195	140.68	148.08	
200	149.47	157.29	
205	157.91	166.14	
210	165.94	174.55	
215	173.50	182.48	
220	180.56	189.88	
225	187.07	196.70	
230	193.00	202.93	
235	198.35	208.53	
240	203.09	213.50	
245	207.21	217.83	
250	210.72	221.50	
255	213.61	224.53	
260	215.87	226.91	
265	217.53	228.64	
270	218.57	229.73	
275	218.99	230.18	
280	218.81	229.99	
285	218.02	229.16	
290	216.61	227.68	
295	214.59	225.56	
300	211.95	222.79	
305	208.69	219.38	
310	204.81	215.31	
315	200.32	210.60	
320	195.21	205.24	
325	189.51	199.26	
330	183.23	192.68	
335	176.39	185.50	
340	169.02	177.78	
345	161.17	169.56	
350	152.89	160.88	
355	144.23	151.81	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission