

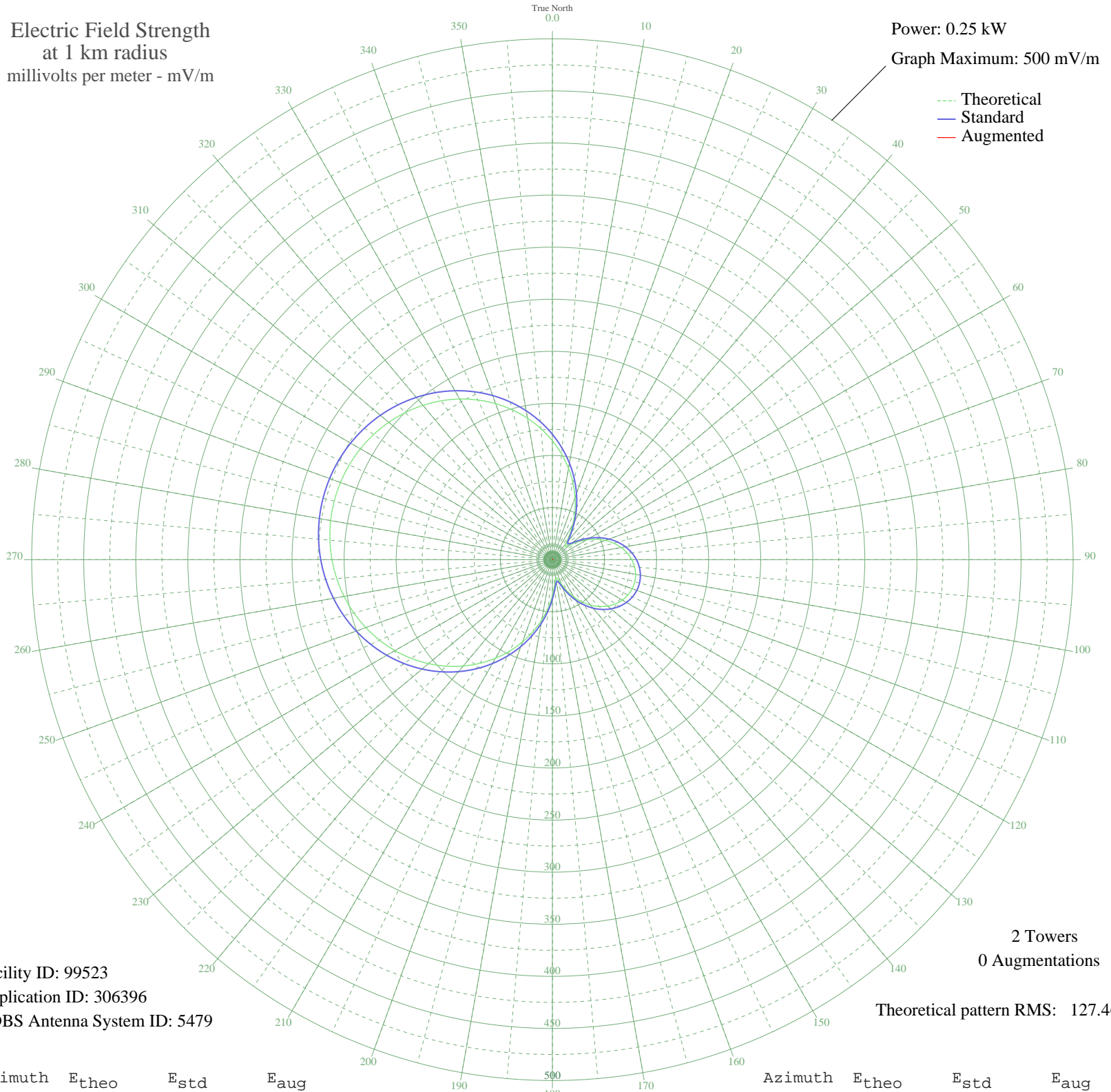
**- CORONEL VIVI, - Brazil -- 690 kHz**

**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: 99523  
Application ID: 306396  
CDBS Antenna System ID: 5479

2 Towers  
0 Augmentations

Theoretical pattern RMS: 127.46

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	114.15	120.32	
5	101.73	107.33	
10	89.06	94.10	
15	76.30	80.80	
20	63.58	67.58	
25	51.11	54.68	
30	39.19	42.47	
35	28.41	31.63	
40	20.21	23.68	
45	17.69	21.34	
50	22.01	25.38	
55	29.67	32.88	
60	38.13	41.39	
65	46.40	49.84	
70	54.11	57.77	
75	61.04	64.95	
80	67.08	71.21	
85	72.16	76.49	
90	76.20	80.70	
95	79.19	83.80	
100	81.08	85.77	
105	81.86	86.59	
110	81.52	86.24	
115	80.07	84.73	
120	77.53	82.08	
125	73.90	78.30	
130	69.23	73.45	
135	63.57	67.57	
140	56.98	60.74	
145	49.57	53.09	
150	41.49	44.81	
155	33.04	36.24	
160	24.87	28.15	
165	18.75	22.32	
170	18.32	21.92	
175	24.69	27.97	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	34.69	37.91	
185	46.25	49.69	
190	58.55	62.36	
195	71.19	75.49	
200	83.96	88.78	
205	96.68	102.06	
210	109.22	115.16	
215	121.45	127.95	
220	133.26	140.32	
225	144.56	152.15	
230	155.26	163.36	
235	165.28	173.86	
240	174.55	183.58	
245	183.01	192.45	
250	190.61	200.42	
255	197.31	207.44	
260	203.06	213.47	
265	207.84	218.48	
270	211.63	222.46	
275	214.40	225.37	
280	216.16	227.21	
285	216.88	227.97	
290	216.57	227.64	
295	215.23	226.23	
300	212.86	223.75	
305	209.48	220.20	
310	205.09	215.60	
315	199.72	209.97	
320	193.40	203.34	
325	186.16	195.75	
330	178.04	187.23	
335	169.08	177.85	
340	159.36	167.65	
345	148.92	156.72	
350	137.85	145.12	
355	126.23	132.96	

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