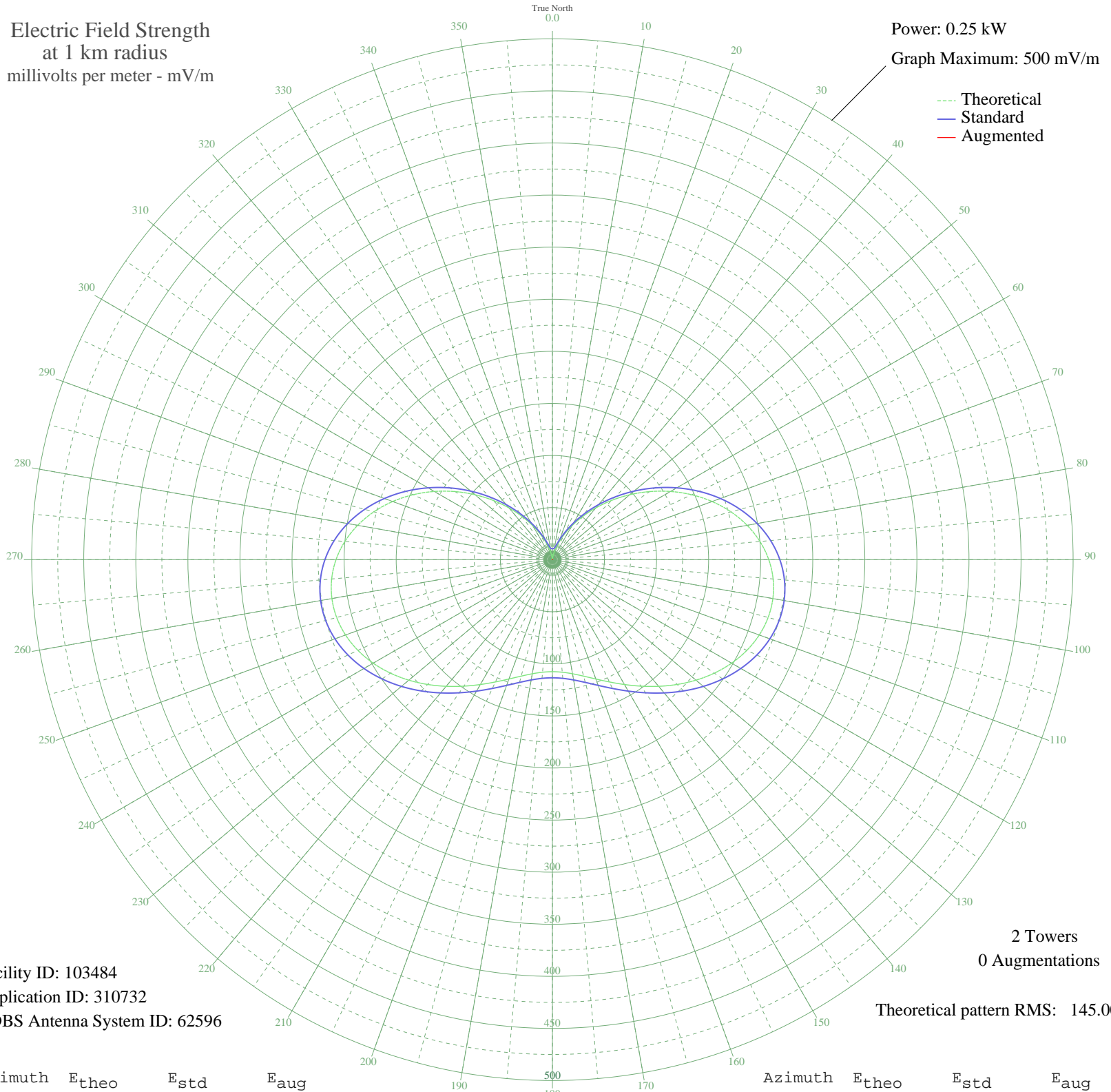


**- ITAIOPOLIS, - Brazil -- 1300 kHz**

**Nighttime**

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 103484  
Application ID: 310732  
CDBS Antenna System ID: 62596

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 145.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	0.00	10.50	
5	1.07	10.56	
10	4.28	11.42	
15	9.59	14.55	
20	16.96	20.68	
25	26.31	29.56	
30	37.53	40.78	
35	50.45	54.00	
40	64.85	68.89	
45	80.46	85.13	
50	96.95	102.34	
55	113.93	120.08	
60	130.94	137.89	
65	147.53	155.26	
70	163.19	171.67	
75	177.45	186.62	
80	189.88	199.65	
85	200.08	210.35	
90	207.77	218.41	
95	212.75	223.64	
100	214.97	225.96	
105	214.46	225.43	
110	211.39	222.21	
115	206.03	216.58	
120	198.72	208.92	
125	189.89	199.66	
130	179.97	189.26	
135	169.42	178.20	
140	158.70	166.97	
145	148.24	156.00	
150	138.40	145.70	
155	129.53	136.41	
160	121.90	128.43	
165	115.75	121.99	
170	111.23	117.26	
175	108.47	114.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	107.55	113.41	
185	108.47	114.38	
190	111.23	117.26	
195	115.75	121.99	
200	121.90	128.43	
205	129.53	136.41	
210	138.40	145.70	
215	148.24	156.00	
220	158.70	166.97	
225	169.42	178.20	
230	179.97	189.26	
235	189.89	199.66	
240	198.72	208.92	
245	206.03	216.58	
250	211.39	222.21	
255	214.46	225.43	
260	214.97	225.96	
265	212.75	223.64	
270	207.77	218.41	
275	200.08	210.35	
280	189.88	199.65	
285	177.45	186.62	
290	163.19	171.67	
295	147.53	155.26	
300	130.94	137.89	
305	113.93	120.08	
310	96.95	102.34	
315	80.46	85.13	
320	64.85	68.89	
325	50.45	54.00	
330	37.53	40.78	
335	26.31	29.56	
340	16.96	20.68	
345	9.59	14.55	
350	4.28	11.42	
355	1.07	10.56	

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