

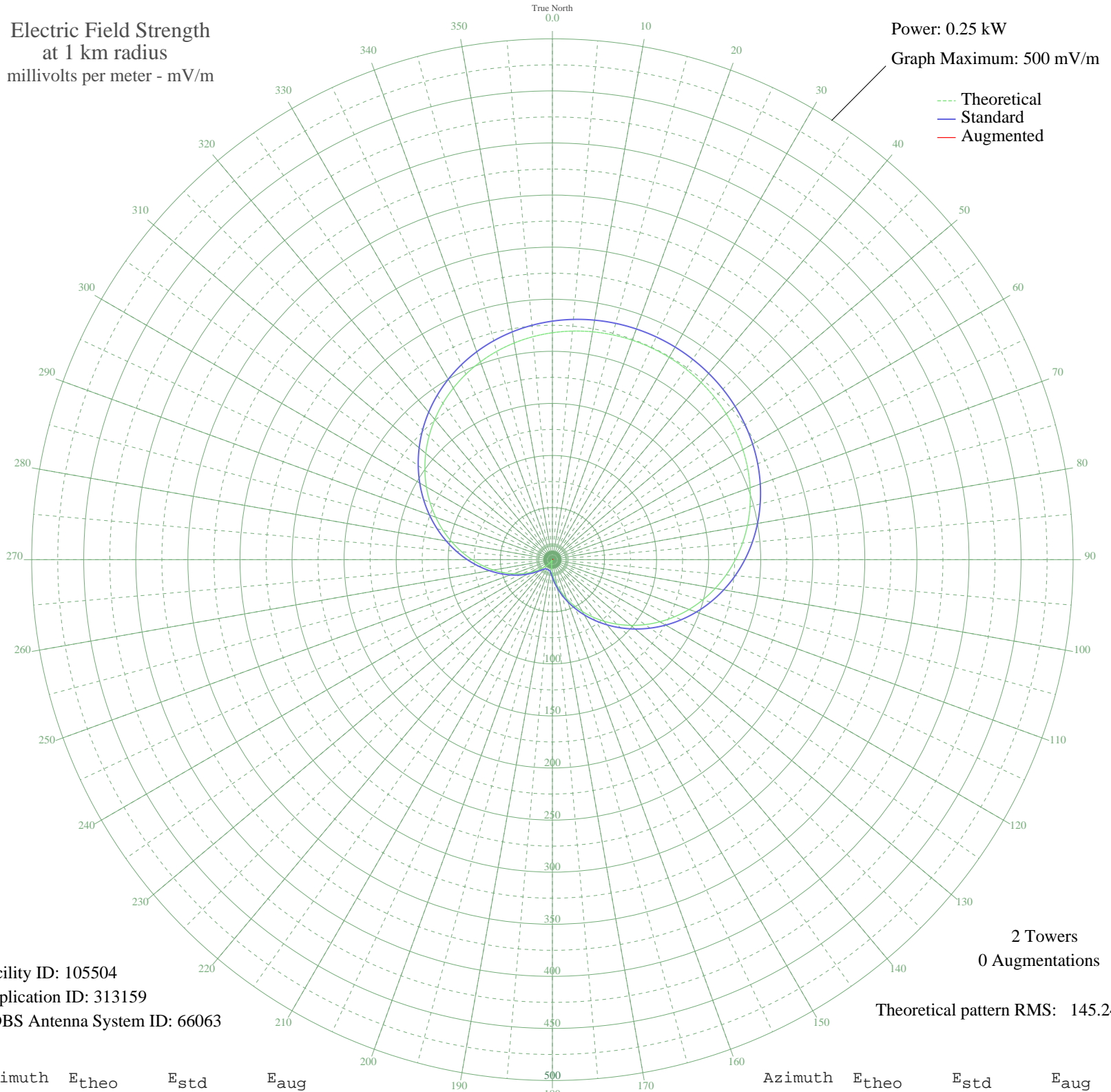
**- MATEUS LEME, - Brazil -- 1560 kHz**

**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: 105504  
Application ID: 313159  
CDBS Antenna System ID: 66063

2 Towers  
0 Augmentations

Theoretical pattern RMS: 145.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	217.85	228.98	
5	220.27	231.52	
10	222.13	233.47	
15	223.44	234.84	
20	224.21	235.66	
25	224.47	235.93	
30	224.21	235.66	
35	223.44	234.84	
40	222.13	233.47	
45	220.27	231.52	
50	217.85	228.98	
55	214.84	225.82	
60	211.21	222.02	
65	206.96	217.56	
70	202.04	212.40	
75	196.46	206.55	
80	190.20	199.99	
85	183.28	192.73	
90	175.71	184.79	
95	167.51	176.20	
100	158.74	167.01	
105	149.45	157.27	
110	139.70	147.07	
115	129.60	136.48	
120	119.22	125.63	
125	108.68	114.60	
130	98.08	103.52	
135	87.54	92.52	
140	77.17	81.71	
145	67.09	71.22	
150	57.39	61.17	
155	48.20	51.69	
160	39.59	42.88	
165	31.67	34.87	
170	24.51	27.79	
175	18.17	21.77	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	12.71	16.98	
185	8.18	13.57	
190	4.62	11.57	
195	2.06	10.72	
200	0.52	10.51	
205	0.00	10.50	
210	0.52	10.51	
215	2.06	10.72	
220	4.62	11.57	
225	8.18	13.57	
230	12.71	16.98	
235	18.17	21.77	
240	24.51	27.79	
245	31.67	34.87	
250	39.59	42.88	
255	48.20	51.69	
260	57.39	61.17	
265	67.09	71.22	
270	77.17	81.71	
275	87.54	92.52	
280	98.08	103.52	
285	108.68	114.60	
290	119.22	125.63	
295	129.60	136.48	
300	139.71	147.07	
305	149.45	157.27	
310	158.74	167.01	
315	167.51	176.20	
320	175.71	184.79	
325	183.28	192.73	
330	190.20	199.99	
335	196.46	206.55	
340	202.04	212.40	
345	206.96	217.56	
350	211.21	222.02	
355	214.84	225.82	