

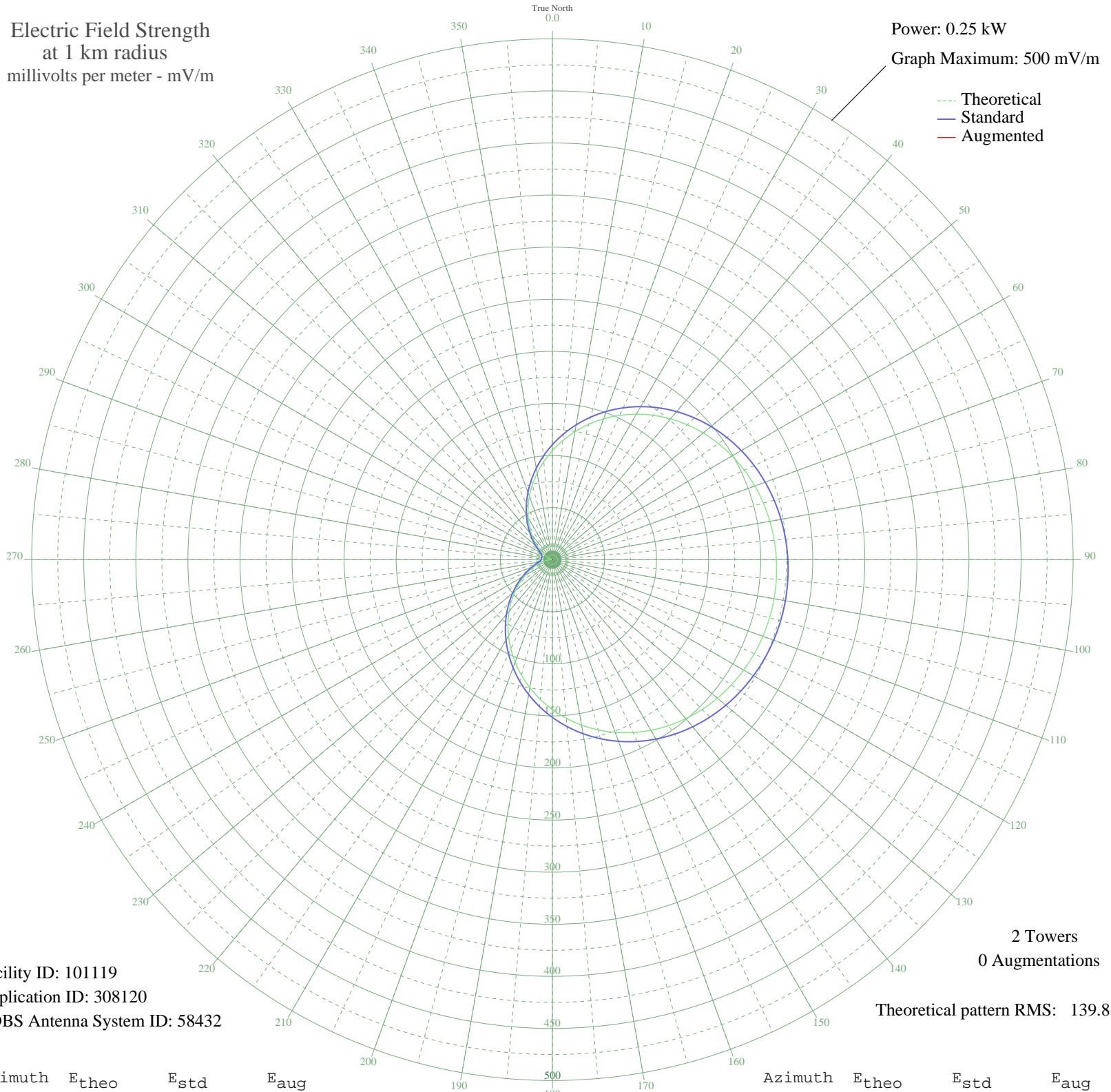
**- FLORIANOPOLI, - Brazil -- 1060 kHz**

**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: 101119  
Application ID: 308120  
CDBS Antenna System ID: 58432

2 Towers  
0 Augmentations

Theoretical pattern RMS: 139.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	104.62	110.35	
5	114.77	120.96	
10	124.75	131.41	
15	134.48	141.60	
20	143.86	151.42	
25	152.80	160.79	
30	161.25	169.64	
35	169.14	177.91	
40	176.43	185.55	
45	183.09	192.53	
50	189.11	198.85	
55	194.49	204.48	
60	199.22	209.44	
65	203.32	213.74	
70	206.81	217.40	
75	209.70	220.44	
80	212.03	222.88	
85	213.82	224.76	
90	215.08	226.08	
95	215.83	226.87	
100	216.08	227.13	
105	215.83	226.87	
110	215.08	226.08	
115	213.82	224.76	
120	212.03	222.88	
125	209.70	220.44	
130	206.81	217.40	
135	203.32	213.74	
140	199.22	209.44	
145	194.49	204.48	
150	189.11	198.85	
155	183.09	192.53	
160	176.43	185.55	
165	169.14	177.91	
170	161.25	169.64	
175	152.80	160.79	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	143.86	151.42	
185	134.48	141.60	
190	124.75	131.41	
195	114.77	120.96	
200	104.62	110.35	
205	94.42	99.69	
210	84.27	89.10	
215	74.29	78.70	
220	64.58	68.61	
225	55.25	58.95	
230	46.40	49.83	
235	38.11	41.37	
240	30.49	33.69	
245	23.59	26.90	
250	17.49	21.15	
255	12.24	16.59	
260	7.88	13.37	
265	4.45	11.49	
270	1.98	10.70	
275	0.50	10.51	
280	0.00	10.50	
285	0.50	10.51	
290	1.98	10.70	
295	4.45	11.49	
300	7.88	13.37	
305	12.24	16.59	
310	17.49	21.15	
315	23.59	26.90	
320	30.49	33.69	
325	38.11	41.37	
330	46.40	49.83	
335	55.25	58.95	
340	64.58	68.61	
345	74.29	78.70	
350	84.27	89.10	
355	94.42	99.69	