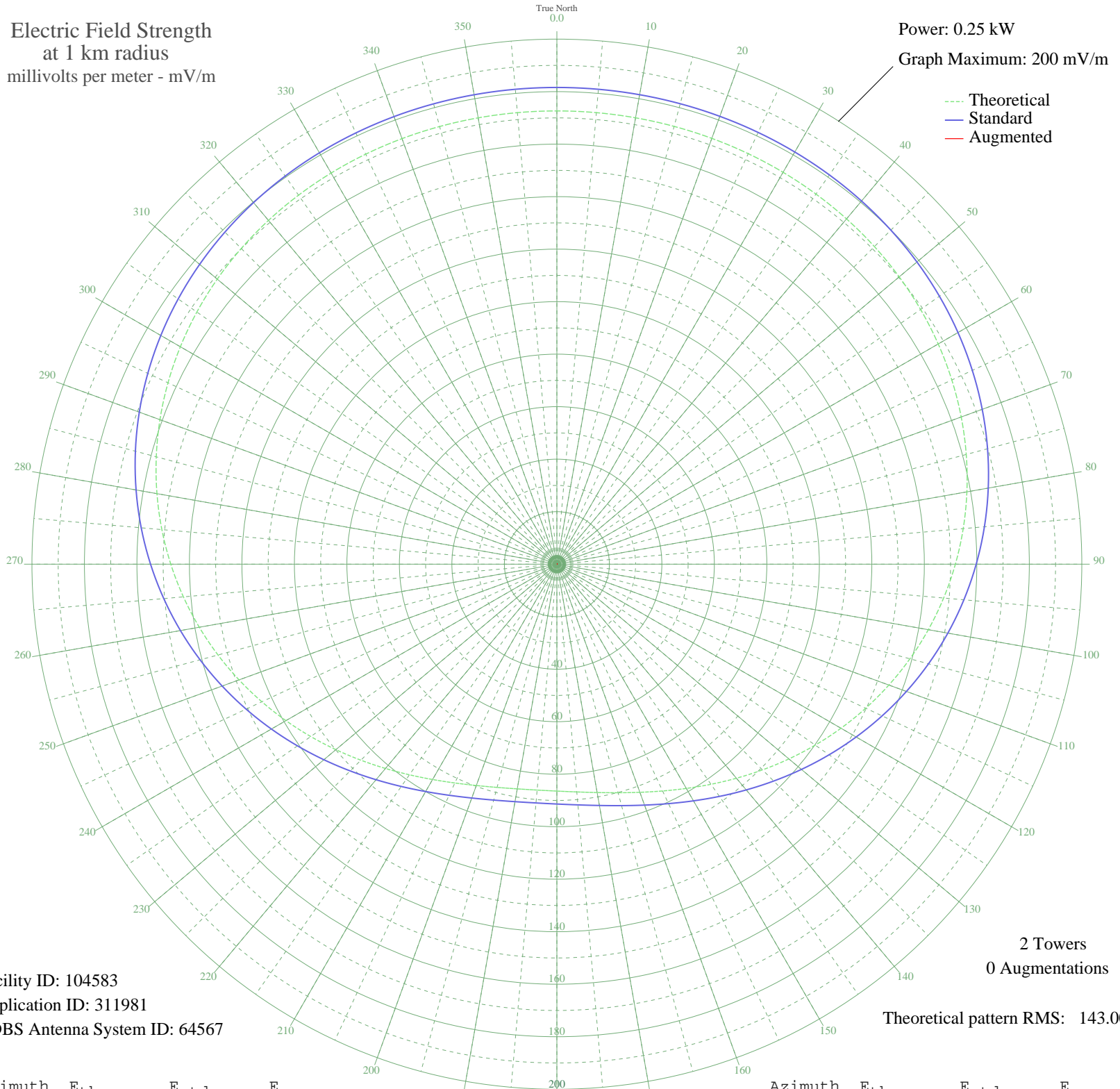


**- PARAMOTI, - Brazil -- 1440 kHz**

**Nighttime**

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

Power: 0.25 kW  
Graph Maximum: 200 mV/m



Facility ID: 104583  
Application ID: 311981  
CDBS Antenna System ID: 64567

2 Towers  
0 Augmentations

Theoretical pattern RMS: 143.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	172.65	181.59	
5	172.65	181.59	
10	172.65	181.59	
15	172.64	181.58	
20	172.61	181.54	
25	172.53	181.46	
30	172.37	181.29	
35	172.10	181.01	
40	171.69	180.58	
45	171.09	179.95	
50	170.26	179.08	
55	169.17	177.93	
60	167.77	176.47	
65	166.03	174.65	
70	163.94	172.46	
75	161.47	169.87	
80	158.63	166.89	
85	155.41	163.52	
90	151.83	159.77	
95	147.92	155.67	
100	143.71	151.26	
105	139.26	146.60	
110	134.61	141.73	
115	129.83	136.72	
120	124.99	131.66	
125	120.16	126.60	
130	115.40	121.63	
135	110.81	116.82	
140	106.44	112.25	
145	102.36	107.99	
150	98.63	104.10	
155	95.32	100.64	
160	92.47	97.66	
165	90.13	95.22	
170	88.32	93.33	
175	87.09	92.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	86.43	91.36	
185	86.37	91.30	
190	86.91	91.86	
195	88.03	93.03	
200	89.72	94.79	
205	91.96	97.13	
210	94.71	100.00	
215	97.94	103.37	
220	101.58	107.18	
225	105.59	111.37	
230	109.91	115.88	
235	114.47	120.65	
240	119.20	125.60	
245	124.02	130.64	
250	128.86	135.71	
255	133.66	140.74	
260	138.34	145.64	
265	142.84	150.35	
270	147.10	154.81	
275	151.07	158.97	
280	154.72	162.80	
285	158.01	166.25	
290	160.93	169.31	
295	163.48	171.97	
300	165.64	174.24	
305	167.45	176.13	
310	168.91	177.67	
315	170.07	178.88	
320	170.95	179.80	
325	171.59	180.47	
330	172.04	180.94	
335	172.33	181.25	
340	172.50	181.43	
345	172.59	181.53	
350	172.64	181.57	
355	172.65	181.58	

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