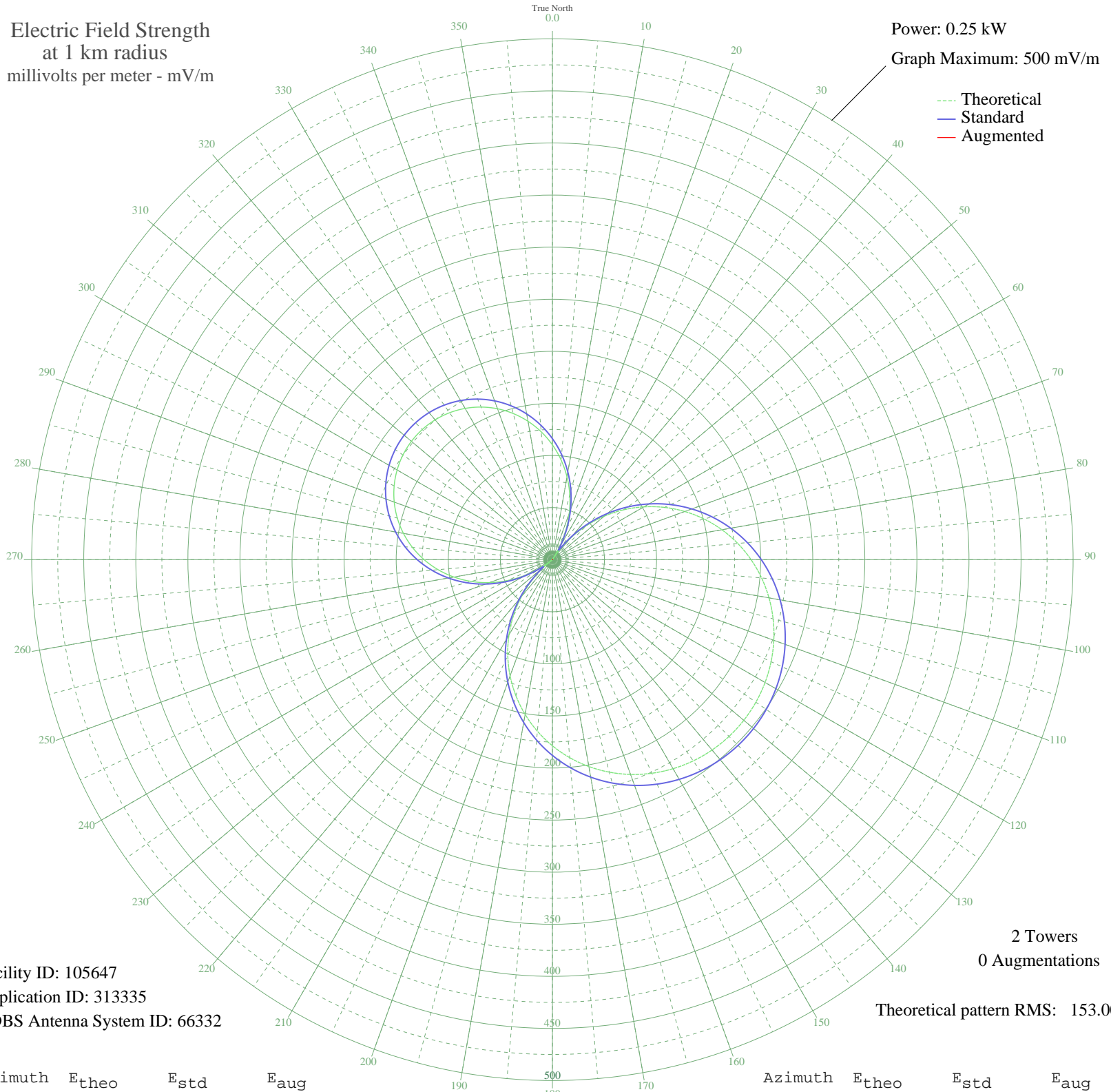


- IPUMIRIM, - Brazil -- 1580 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 105647
Application ID: 313335
CDBS Antenna System ID: 66332

2 Towers
0 Augmentations

Theoretical pattern RMS: 153.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	110.22	116.21	
5	96.03	101.37	
10	80.72	85.40	
15	64.41	68.44	
20	47.24	50.70	
25	29.35	32.56	
30	10.91	15.54	
35	7.92	13.39	
40	26.95	30.18	
45	45.99	49.42	
50	64.87	68.92	
55	83.40	88.20	
60	101.41	107.00	
65	118.74	125.12	
70	135.25	142.40	
75	150.81	158.70	
80	165.31	173.89	
85	178.66	187.89	
90	190.79	200.61	
95	201.65	211.99	
100	211.19	222.00	
105	219.39	230.59	
110	226.23	237.77	
115	231.70	243.51	
120	235.80	247.82	
125	238.54	250.69	
130	239.91	252.12	
135	239.91	252.12	
140	238.54	250.69	
145	235.80	247.82	
150	231.70	243.51	
155	226.23	237.77	
160	219.39	230.59	
165	211.19	222.00	
170	201.65	211.99	
175	190.79	200.61	

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 _{theo}	E _{std}	E _{aug}
180	178.66	187.89	
185	165.31	173.89	
190	150.81	158.70	
195	135.25	142.40	
200	118.74	125.12	
205	101.41	107.00	
210	83.40	88.20	
215	64.87	68.92	
220	45.99	49.42	
225	26.95	30.18	
230	7.92	13.39	
235	10.91	15.54	
240	29.35	32.56	
245	47.24	50.70	
250	64.41	68.44	
255	80.72	85.40	
260	96.03	101.37	
265	110.22	116.21	
270	123.20	129.79	
275	134.89	142.03	
280	145.23	152.85	
285	154.15	162.20	
290	161.64	170.04	
295	167.65	176.34	
300	172.17	181.08	
305	175.19	184.25	
310	176.70	185.84	
315	176.70	185.84	
320	175.19	184.25	
325	172.17	181.08	
330	167.65	176.34	
335	161.64	170.04	
340	154.15	162.20	
345	145.23	152.85	
350	134.89	142.03	
355	123.20	129.79	