

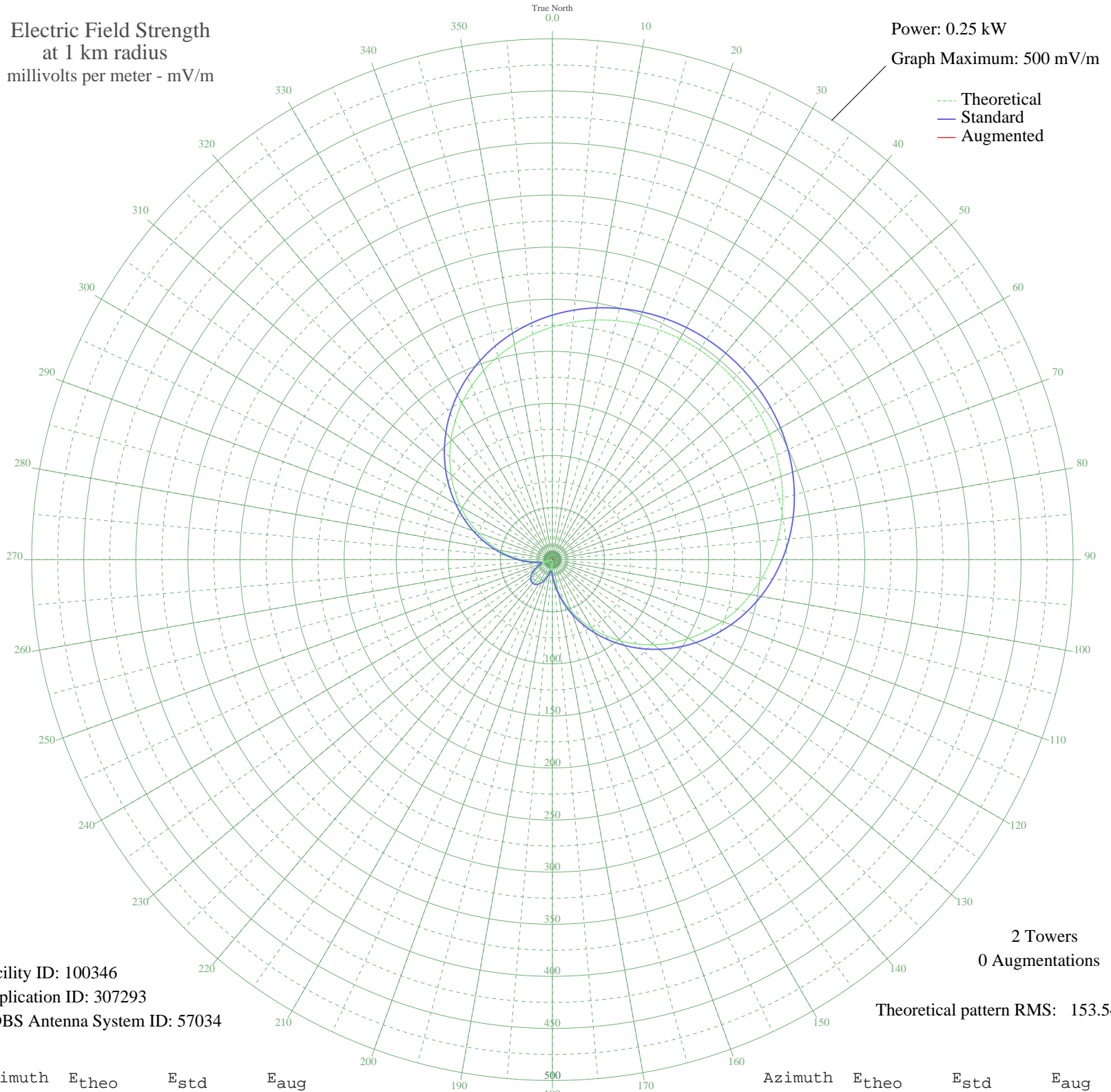
- GUARAMIRIM, - Brazil -- 910 kHz

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: 100346
Application ID: 307293
CDBS Antenna System ID: 57034

2 Towers
0 Augmentations

Theoretical pattern RMS: 153.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	223.34	234.74	
5	228.85	240.52	
10	233.56	245.46	
15	237.50	249.60	
20	240.69	252.94	
25	243.14	255.51	
30	244.87	257.33	
35	245.91	258.42	
40	246.25	258.78	
45	245.91	258.42	
50	244.87	257.33	
55	243.14	255.51	
60	240.69	252.94	
65	237.50	249.60	
70	233.56	245.46	
75	228.85	240.52	
80	223.34	234.74	
85	217.02	228.12	
90	209.90	220.64	
95	201.96	212.32	
100	193.23	203.17	
105	183.75	193.22	
110	173.55	182.53	
115	162.69	171.15	
120	151.26	159.17	
125	139.34	146.69	
130	127.05	133.81	
135	114.49	120.67	
140	101.78	107.39	
145	89.07	94.11	
150	76.48	80.99	
155	64.15	68.17	
160	52.20	55.81	
165	40.76	44.07	
170	29.94	33.15	
175	19.85	23.34	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	10.59	15.29	
185	2.23	10.76	
190	5.15	11.81	
195	11.48	15.99	
200	16.73	20.47	
205	20.85	24.28	
210	23.82	27.12	
215	25.60	28.86	
220	26.20	29.45	
225	25.60	28.86	
230	23.82	27.12	
235	20.85	24.28	
240	16.73	20.47	
245	11.48	15.99	
250	5.15	11.81	
255	2.23	10.76	
260	10.59	15.29	
265	19.85	22.64	
270	29.94	33.15	
275	40.76	44.07	
280	52.20	55.81	
285	64.15	68.17	
290	76.48	80.99	
295	89.07	94.11	
300	101.78	107.39	
305	114.49	120.67	
310	127.05	133.81	
315	139.34	146.69	
320	151.26	159.17	
325	162.69	171.15	
330	173.55	182.53	
335	183.75	193.22	
340	193.23	203.17	
345	201.96	212.32	
350	209.90	220.64	
355	217.02	228.12	