

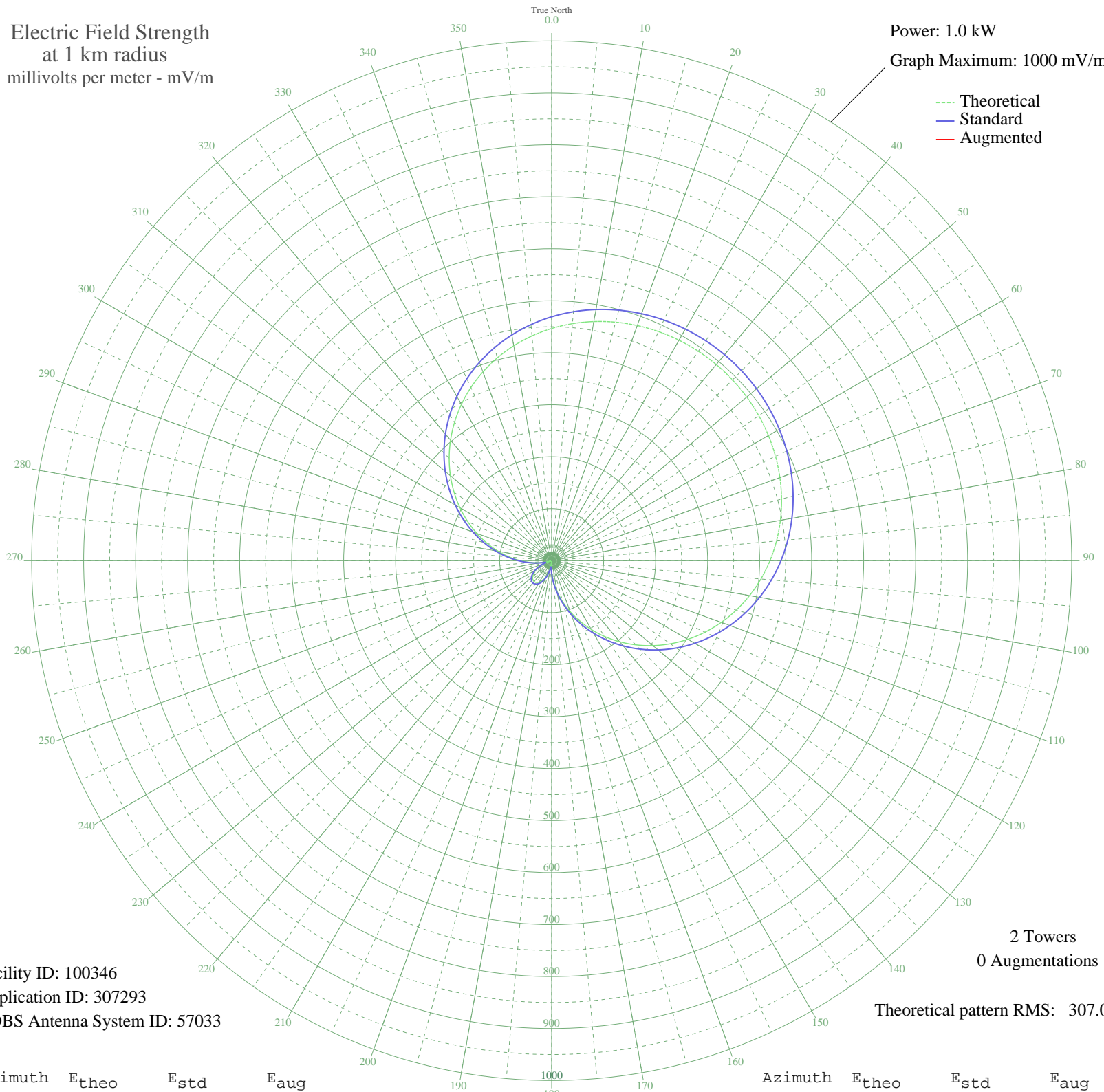
- GUARAMIRIM, - Brazil -- 910 kHz

Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 100346
Application ID: 307293
CDBS Antenna System ID: 57033

2 Towers
0 Augmentations

Theoretical pattern RMS: 307.07

Azimuth	E _{theo}	E _{std}	E _{aug}
0	446.66	469.13	
5	457.68	480.69	
10	467.11	490.59	
15	474.99	498.86	
20	481.36	505.55	
25	486.26	510.70	
30	489.73	514.34	
35	491.80	516.51	
40	492.49	517.24	
45	491.80	516.51	
50	489.73	514.34	
55	486.26	510.70	
60	481.36	505.55	
65	474.99	498.86	
70	467.11	490.59	
75	457.68	480.69	
80	446.66	469.13	
85	434.03	455.87	
90	419.78	440.91	
95	403.91	424.25	
100	386.46	405.93	
105	367.48	386.02	
110	347.08	364.61	
115	325.37	341.82	
120	302.51	317.83	
125	278.68	292.83	
130	254.09	267.02	
135	228.96	240.67	
140	203.56	214.03	
145	178.14	187.38	
150	152.96	161.00	
155	128.30	135.17	
160	104.40	110.19	
165	81.52	86.32	
170	59.88	63.86	
175	39.71	43.16	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	21.18	24.88	
185	4.46	12.10	
190	10.29	15.53	
195	22.97	26.57	
200	33.46	36.87	
205	41.71	45.19	
210	47.63	51.25	
215	51.21	54.91	
220	52.40	56.14	
225	51.21	54.91	
230	47.63	51.25	
235	41.71	45.19	
240	33.46	36.87	
245	22.97	26.57	
250	10.29	15.53	
255	4.46	12.10	
260	21.18	24.88	
265	39.71	43.16	
270	59.88	63.86	
275	81.52	86.32	
280	104.40	110.19	
285	128.30	135.17	
290	152.96	161.00	
295	178.14	187.38	
300	203.56	214.03	
305	228.96	240.67	
310	254.09	267.02	
315	278.68	292.83	
320	302.51	317.83	
325	325.37	341.82	
330	347.08	364.61	
335	367.48	386.02	
340	386.46	405.93	
345	403.91	424.25	
350	419.78	440.91	
355	434.03	455.87	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission