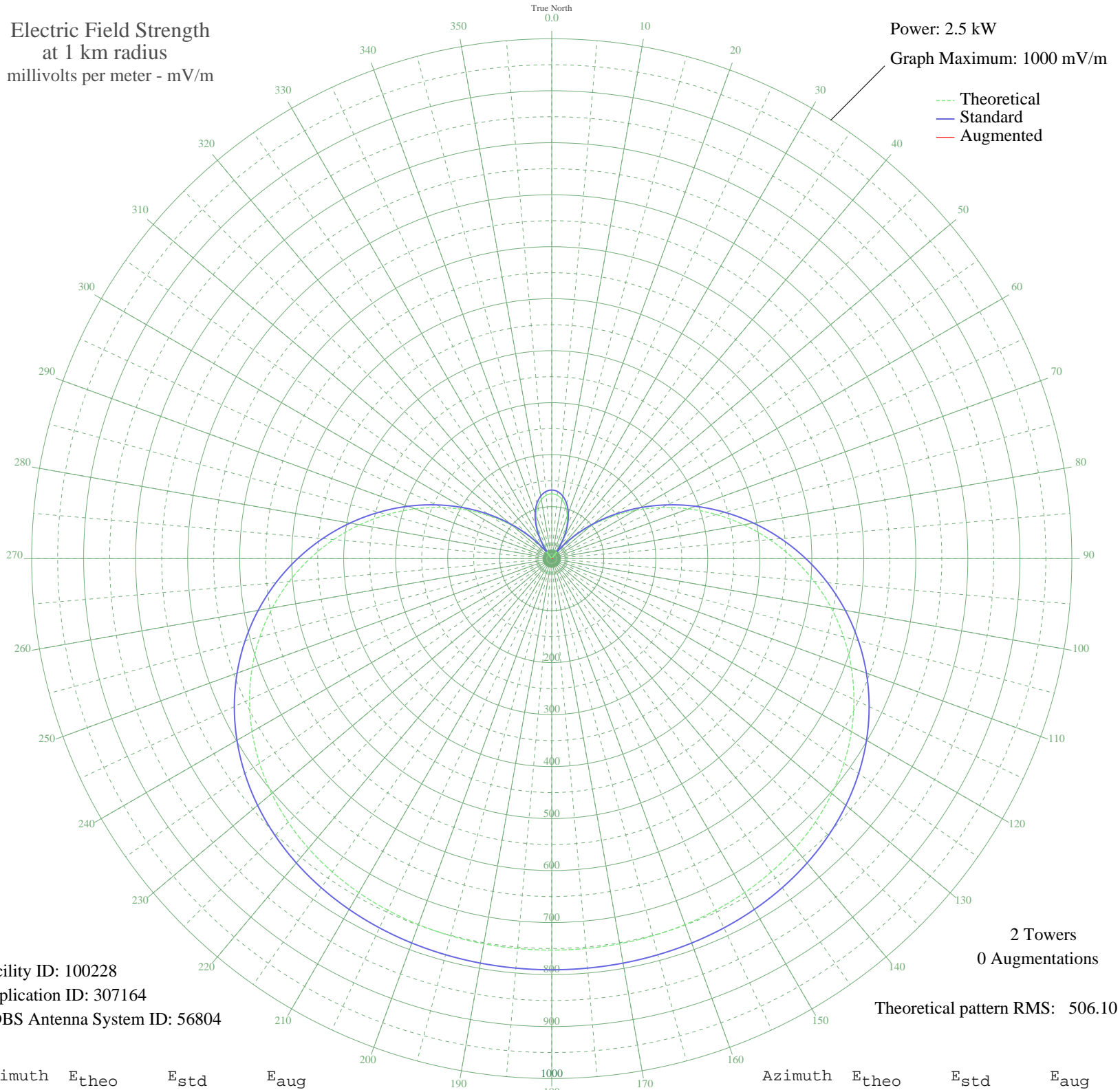


ZYK-249 GUAIBA, - Brazil -- 880 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 100228
Application ID: 307164
CDBS Antenna System ID: 56804

2 Towers
0 Augmentations

Theoretical pattern RMS: 506.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	124.67	131.95	
5	122.32	129.50	
10	115.28	122.17	
15	103.58	110.01	
20	87.28	93.14	
25	66.48	71.76	
30	41.32	46.46	
35	11.99	20.84	
40	21.26	27.82	
45	58.11	63.24	
50	98.17	104.41	
55	140.96	148.93	
60	185.93	195.93	
65	232.48	244.67	
70	279.95	294.41	
75	327.63	344.42	
80	374.83	393.93	
85	420.85	442.21	
90	465.04	488.57	
95	506.79	532.39	
100	545.62	573.14	
105	581.11	610.39	
110	612.99	643.85	
115	641.09	673.35	
120	665.38	698.84	
125	685.93	720.42	
130	702.94	738.28	
135	716.68	752.69	
140	727.47	764.03	
145	735.72	772.68	
150	741.81	779.07	
155	746.15	783.63	
160	749.11	786.74	
165	751.04	788.77	
170	752.21	789.99	
175	752.82	790.64	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	753.01	790.84	
185	752.82	790.64	
190	752.21	789.99	
195	751.04	788.77	
200	749.11	786.74	
205	746.15	783.63	
210	741.81	779.07	
215	735.72	772.68	
220	727.47	764.03	
225	716.68	752.69	
230	702.94	738.27	
235	685.93	720.42	
240	665.37	698.84	
245	641.09	673.35	
250	612.99	643.85	
255	581.11	610.39	
260	545.62	573.14	
265	506.79	532.39	
270	465.04	488.57	
275	420.85	442.21	
280	374.83	393.92	
285	327.63	344.42	
290	279.95	294.41	
295	232.48	244.67	
300	185.93	195.93	
305	140.96	148.93	
310	98.17	104.40	
315	58.11	63.24	
320	21.26	27.82	
325	11.99	20.84	
330	41.33	46.46	
335	66.48	71.76	
340	87.28	93.14	
345	103.58	110.02	
350	115.28	122.17	
355	122.32	129.50	

03 Jul 2009

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Federal Communications Commission