

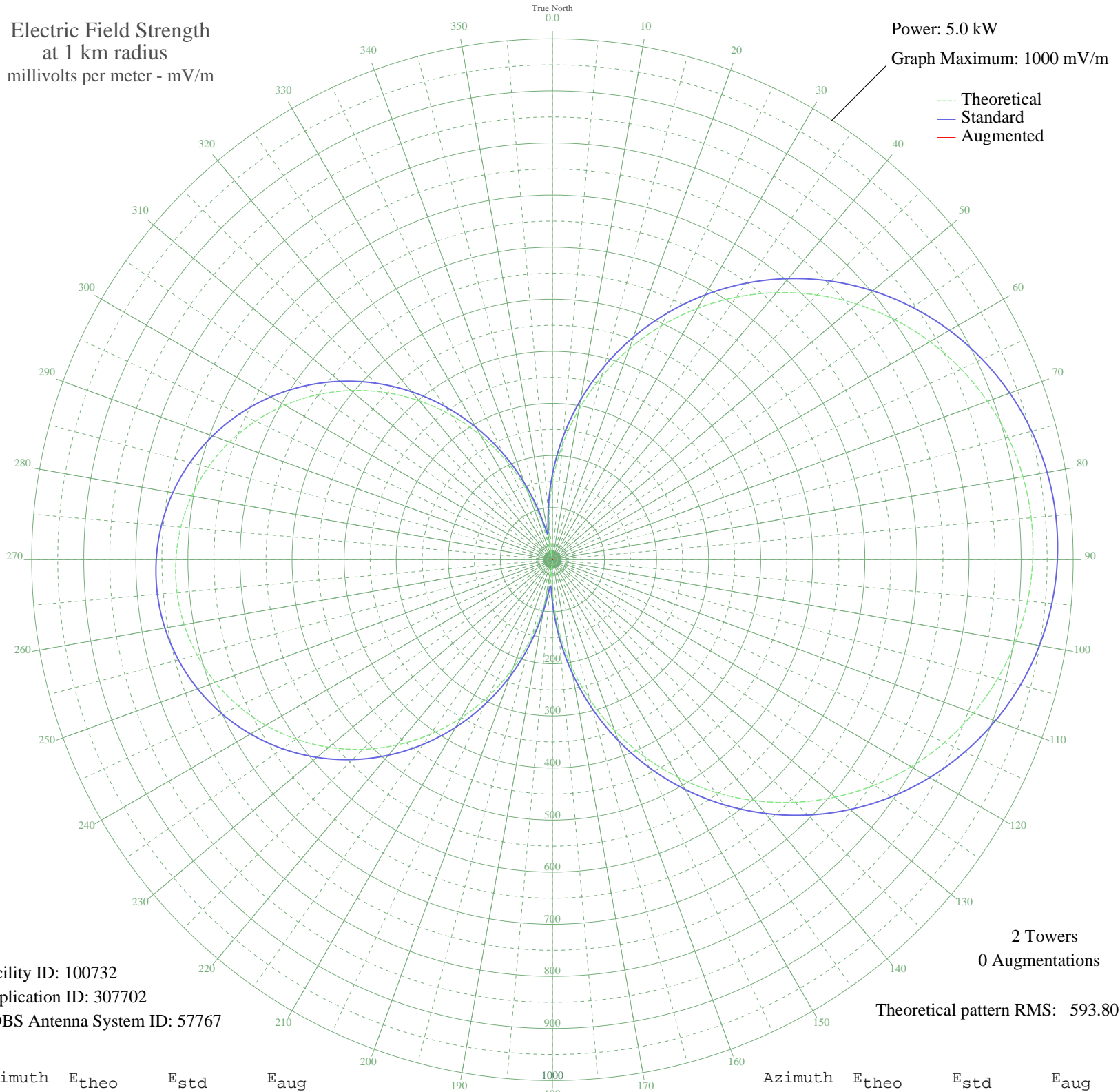
# ZYJ764 JARAGUA DO S, - Brazil -- 1010 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 100732  
Application ID: 307702  
CDBS Antenna System ID: 57767

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 593.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	148.56	163.66	
5	221.16	237.44	
10	292.72	311.32	
15	362.64	383.98	
20	430.37	454.59	
25	495.36	522.48	
30	557.12	587.07	
35	615.20	647.85	
40	669.16	704.36	
45	718.65	756.20	
50	763.32	803.02	
55	802.91	844.51	
60	837.18	880.43	
65	865.91	910.55	
70	888.96	934.72	
75	906.20	952.80	
80	917.54	964.69	
85	922.93	970.34	
90	922.33	969.71	
95	915.75	962.81	
100	903.22	949.68	
105	884.81	930.37	
110	860.61	905.00	
115	830.76	873.70	
120	795.42	836.65	
125	754.79	794.07	
130	709.12	746.22	
135	658.71	693.42	
140	603.90	636.02	
145	545.05	574.44	
150	482.61	509.15	
155	417.03	440.67	
160	348.82	369.59	
165	278.52	296.61	
170	206.71	222.62	
175	133.96	149.12	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	60.90	80.88	
185	11.88	51.07	
190	83.76	100.93	
195	154.15	169.26	
200	222.46	238.78	
205	288.15	306.59	
210	350.70	371.55	
215	409.62	432.94	
220	464.47	490.20	
225	514.84	542.85	
230	560.40	590.50	
235	600.82	632.80	
240	635.85	669.47	
245	665.25	700.27	
250	688.86	725.00	
255	706.53	743.51	
260	718.16	755.69	
265	723.68	761.48	
270	723.07	760.84	
275	716.32	753.77	
280	703.48	740.31	
285	684.61	720.54	
290	659.83	694.59	
295	629.28	662.60	
300	593.16	624.78	
305	551.69	581.39	
310	505.14	532.71	
315	453.84	479.10	
320	398.15	420.98	
325	338.47	358.82	
330	275.25	293.22	
335	208.99	224.96	
340	140.22	155.33	
345	69.48	88.18	
350	2.63	49.60	
355	75.51	93.48	

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