

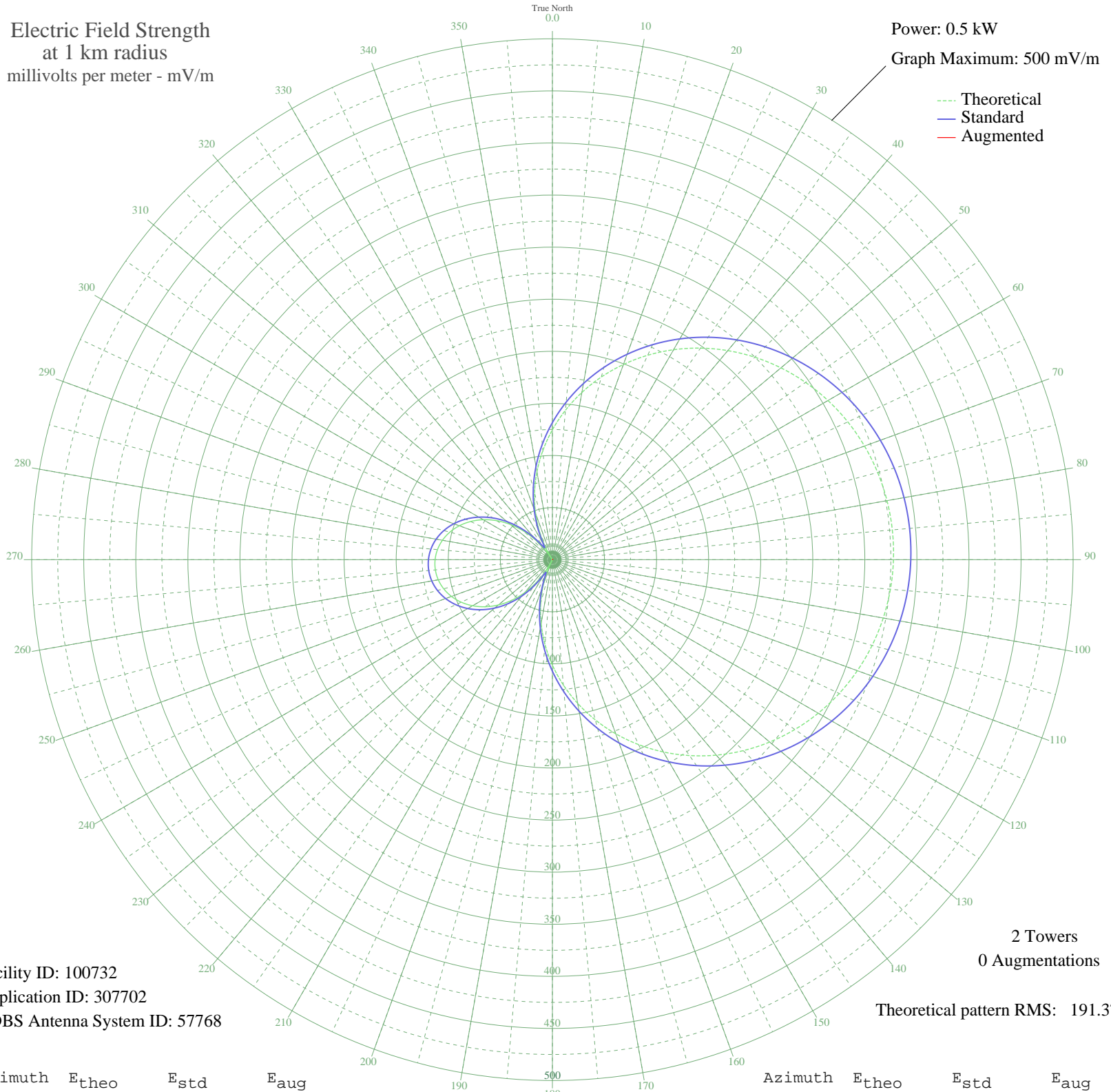
ZYJ764 JARAGUA DO S, - Brazil -- 1010 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 100732
Application ID: 307702
CDBS Antenna System ID: 57768

2 Towers
0 Augmentations
Theoretical pattern RMS: 191.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	124.65	131.57	
5	144.00	151.79	
10	163.01	171.69	
15	181.53	191.08	
20	199.41	209.80	
25	216.51	227.73	
30	232.71	244.71	
35	247.90	260.64	
40	261.98	275.40	
45	274.85	288.90	
50	286.45	301.07	
55	296.70	311.82	
60	305.56	321.11	
65	312.97	328.89	
70	318.91	335.12	
75	323.35	339.78	
80	326.26	342.84	
85	327.65	344.29	
90	327.49	344.13	
95	325.80	342.35	
100	322.58	338.97	
105	317.84	334.00	
110	311.60	327.46	
115	303.90	319.37	
120	294.76	309.79	
125	284.23	298.75	
130	272.38	286.31	
135	259.25	272.55	
140	244.95	257.54	
145	229.55	241.40	
150	213.15	224.21	
155	195.89	206.12	
160	177.87	187.25	
165	159.25	167.74	
170	140.15	147.77	
175	120.75	127.50	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	101.20	107.10	
185	81.67	86.79	
190	62.31	66.78	
195	43.29	47.39	
200	24.78	29.27	
205	6.92	15.25	
210	10.12	17.11	
215	26.23	30.63	
220	41.26	45.35	
225	55.10	59.38	
230	67.64	72.27	
235	78.79	83.80	
240	88.46	93.85	
245	96.60	102.31	
250	103.14	109.13	
255	108.04	114.23	
260	111.27	117.60	
265	112.81	119.20	
270	112.63	119.02	
275	110.76	117.07	
280	107.20	113.35	
285	101.96	107.90	
290	95.10	100.75	
295	86.65	91.96	
300	76.67	81.61	
305	65.24	69.80	
310	52.43	56.66	
315	38.34	42.43	
320	23.09	27.70	
325	6.79	15.18	
330	10.44	17.31	
335	28.43	32.73	
340	47.06	51.20	
345	66.16	70.75	
350	85.56	90.84	
355	105.12	111.18	