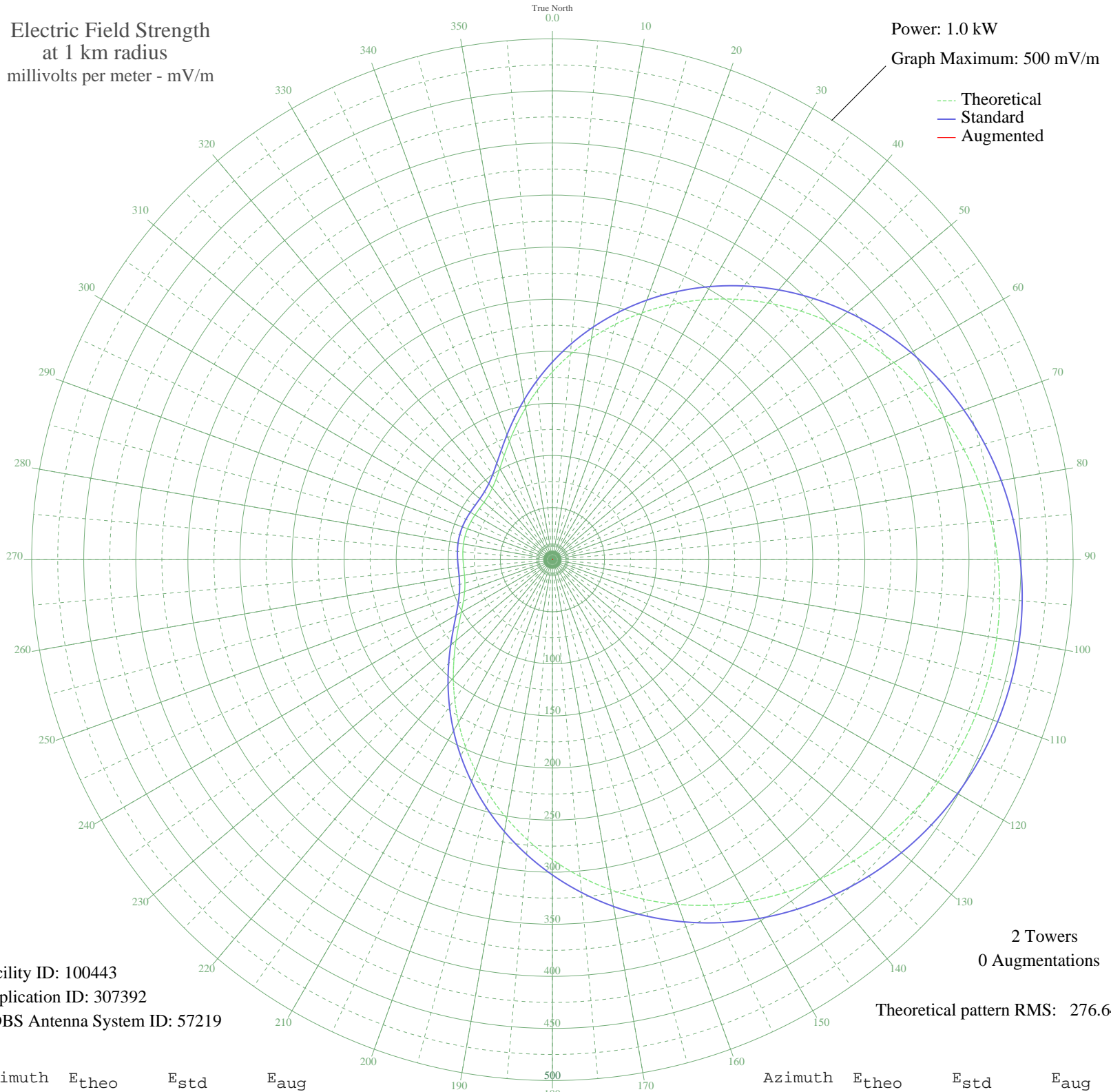


# ZYK652 S VICENTE, - Brazil -- 930 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 100443  
Application ID: 307392  
CDBS Antenna System ID: 57219

2 Towers  
0 Augmentations

Theoretical pattern RMS: 276.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	180.31	189.77	
5	197.77	208.06	
10	215.73	226.88	
15	233.94	245.98	
20	252.20	265.12	
25	270.28	284.09	
30	288.01	302.69	
35	305.21	320.73	
40	321.73	338.06	
45	337.43	354.54	
50	352.20	370.03	
55	365.93	384.44	
60	378.54	397.67	
65	389.96	409.66	
70	400.13	420.33	
75	409.01	429.65	
80	416.56	437.58	
85	422.77	444.10	
90	427.62	449.19	
95	431.08	452.82	
100	433.17	455.01	
105	433.86	455.74	
110	433.17	455.01	
115	431.08	452.82	
120	427.62	449.19	
125	422.77	444.10	
130	416.56	437.58	
135	409.01	429.65	
140	400.13	420.33	
145	389.96	409.66	
150	378.54	397.67	
155	365.93	384.44	
160	352.20	370.03	
165	337.43	354.54	
170	321.73	338.06	
175	305.21	320.73	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	288.01	302.69	
185	270.28	284.09	
190	252.20	265.12	
195	233.94	245.98	
200	215.73	226.88	
205	197.77	208.06	
210	180.31	189.77	
215	163.61	172.28	
220	147.93	155.87	
225	133.56	140.84	
230	120.79	127.49	
235	109.87	116.09	
240	101.02	106.86	
245	94.33	99.89	
250	89.74	95.11	
255	87.00	92.26	
260	85.74	90.95	
265	85.49	90.69	
270	85.81	91.02	
275	86.31	91.55	
280	86.73	91.98	
285	86.89	92.14	
290	86.73	91.98	
295	86.31	91.55	
300	85.81	91.02	
305	85.49	90.69	
310	85.74	90.95	
315	87.00	92.26	
320	89.74	95.11	
325	94.33	99.89	
330	101.02	106.86	
335	109.87	116.09	
340	120.79	127.49	
345	133.56	140.84	
350	147.93	155.87	
355	163.61	172.28	