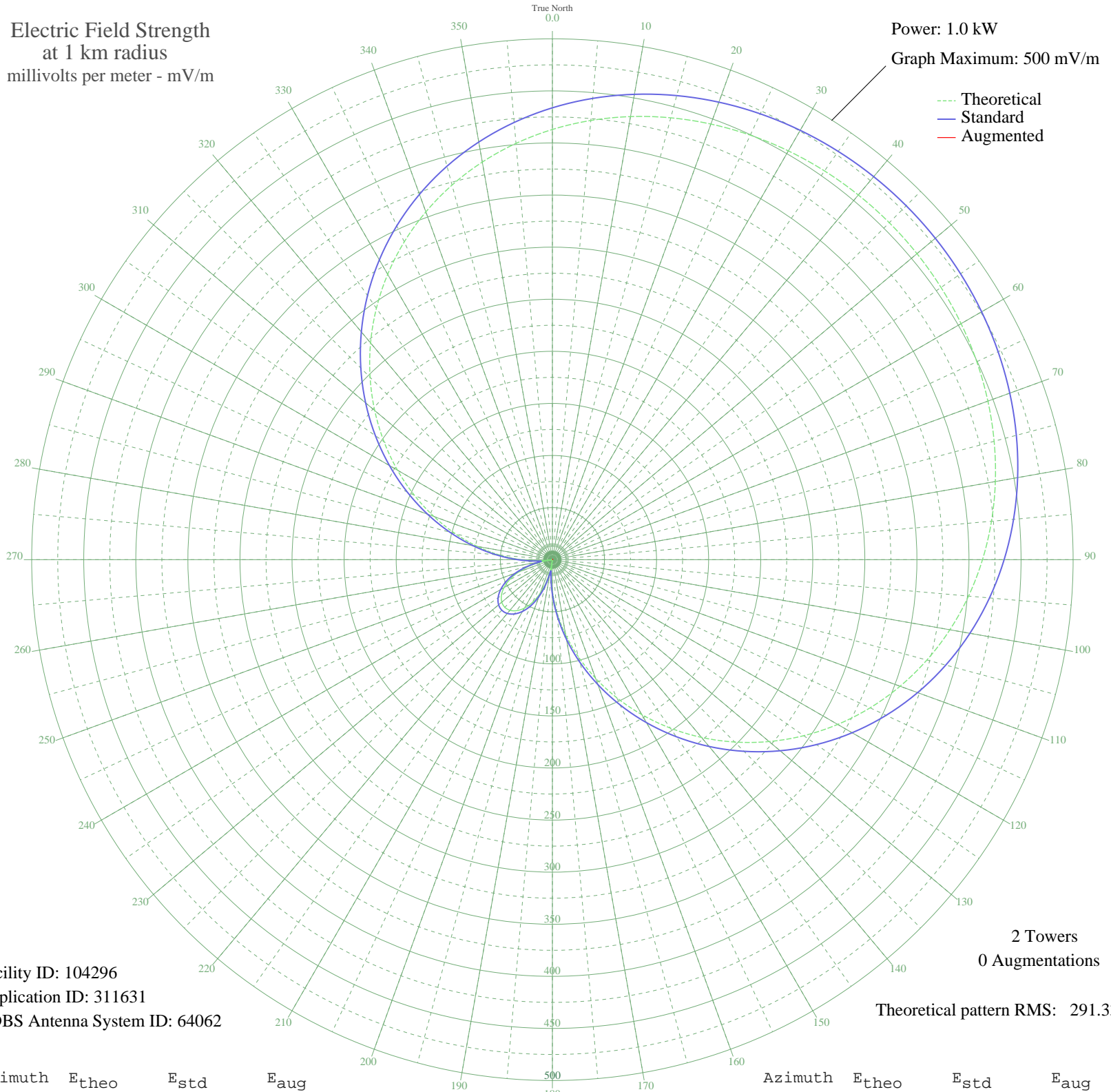


ZYJ614 S CRUZ 2, - Brazil -- 1390 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 104296
Application ID: 311631
CDBS Antenna System ID: 64062

2 Towers
0 Augmentations

Theoretical pattern RMS: 291.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	412.99	433.77	
5	423.22	444.50	
10	431.90	453.61	
15	439.12	461.20	
20	445.00	467.37	
25	449.64	472.24	
30	453.13	475.91	
35	455.57	478.46	
40	457.00	479.96	
45	457.47	480.46	
50	457.00	479.96	
55	455.57	478.46	
60	453.13	475.91	
65	449.64	472.24	
70	445.00	467.37	
75	439.12	461.20	
80	431.90	453.61	
85	423.22	444.50	
90	412.99	433.77	
95	401.13	421.31	
100	387.57	407.08	
105	372.28	391.04	
110	355.28	373.19	
115	336.60	353.58	
120	316.33	332.32	
125	294.62	309.53	
130	271.63	285.40	
135	247.58	260.17	
140	222.73	234.10	
145	197.35	207.49	
150	171.74	180.64	
155	146.21	153.88	
160	121.06	127.55	
165	96.60	101.97	
170	73.11	77.48	
175	50.86	54.43	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	30.09	33.29	
185	11.00	15.61	
190	6.21	12.36	
195	21.39	24.79	
200	34.43	37.64	
205	45.21	48.62	
210	53.67	57.32	
215	59.75	63.61	
220	63.41	67.40	
225	64.63	68.67	
230	63.41	67.40	
235	59.75	63.61	
240	53.67	57.32	
245	45.21	48.62	
250	34.43	37.64	
255	21.39	24.79	
260	6.21	12.36	
265	11.00	15.61	
270	30.09	33.29	
275	50.86	54.43	
280	73.11	77.48	
285	96.60	101.97	
290	121.06	127.55	
295	146.21	153.88	
300	171.74	180.64	
305	197.35	207.49	
310	222.73	234.10	
315	247.58	260.17	
320	271.63	285.40	
325	294.62	309.53	
330	316.33	332.32	
335	336.60	353.58	
340	355.28	373.19	
345	372.28	391.04	
350	387.57	407.08	
355	401.13	421.31	