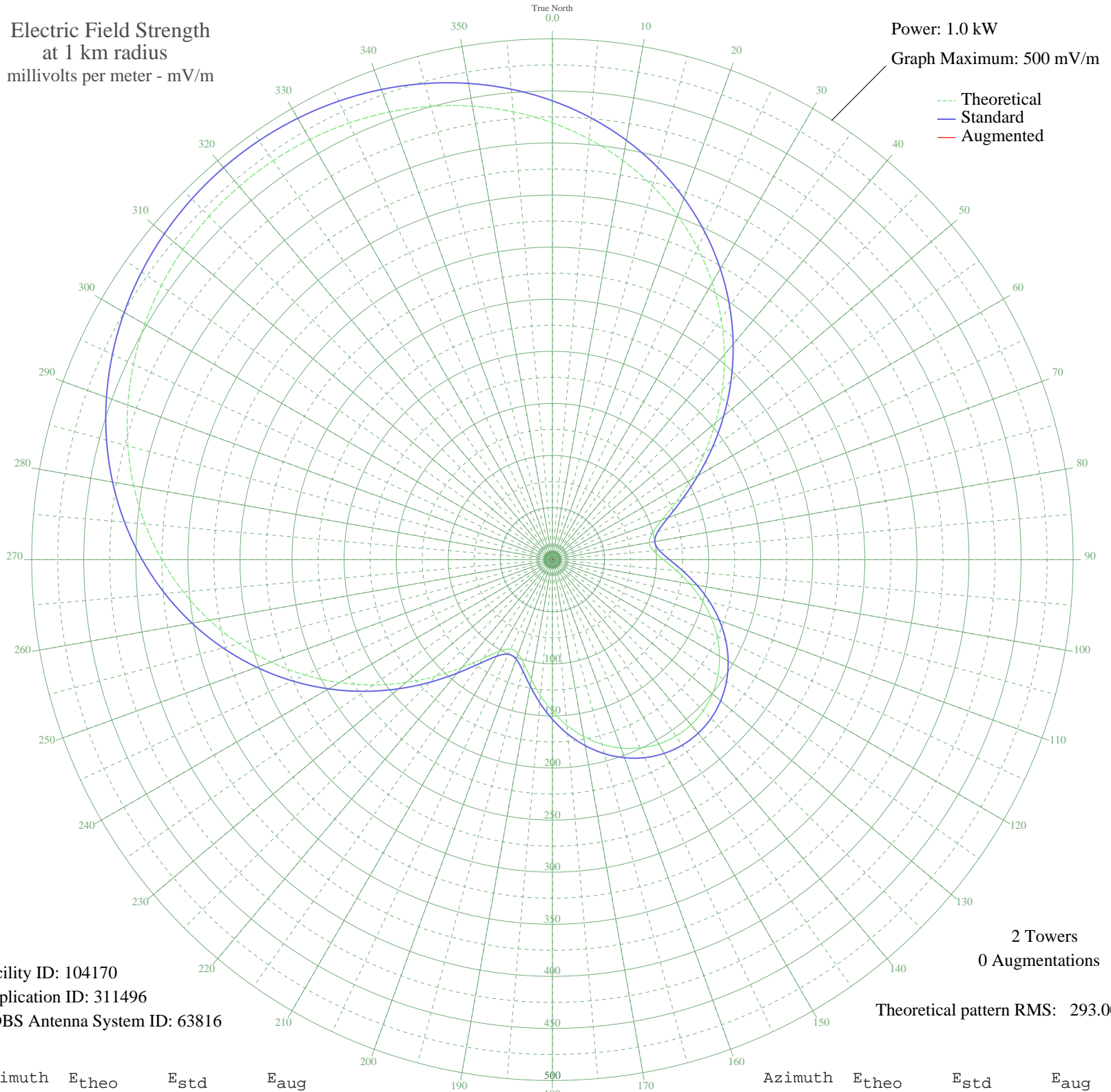


**- CARIDADE, - Brazil -- 1370 kHz**

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 104170  
Application ID: 311496  
CDBS Antenna System ID: 63816

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 293.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	419.41	440.51	
5	405.28	425.68	
10	389.23	408.84	
15	371.29	390.01	
20	351.52	369.26	
25	330.01	346.68	
30	306.93	322.46	
35	282.48	296.81	
40	256.97	270.03	
45	230.75	242.53	
50	204.29	214.79	
55	178.22	187.45	
60	153.35	161.38	
65	130.80	137.78	
70	112.17	118.29	
75	99.47	105.01	
80	94.47	99.79	
85	97.43	102.88	
90	106.61	112.47	
95	119.49	125.93	
100	133.92	141.04	
105	148.48	156.28	
110	162.24	170.70	
115	174.64	183.70	
120	185.31	194.88	
125	194.01	204.00	
130	200.58	210.89	
135	204.93	215.45	
140	207.00	217.62	
145	206.77	217.38	
150	204.24	214.73	
155	199.44	209.69	
160	192.43	202.35	
165	183.33	192.80	
170	172.29	181.23	
175	159.58	167.92	

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	145.61	153.27	
185	130.99	137.97	
190	116.73	123.05	
195	104.40	110.16	
200	96.26	101.66	
205	94.80	100.14	
210	101.43	107.06	
215	115.49	121.76	
220	135.06	142.23	
225	158.18	166.44	
230	183.37	192.85	
235	209.58	220.33	
240	236.03	248.07	
245	262.14	275.46	
250	287.47	302.04	
255	311.66	327.42	
260	334.44	351.33	
265	355.62	373.56	
270	375.03	393.93	
275	392.59	412.37	
280	408.26	428.81	
285	422.01	443.24	
290	433.86	455.68	
295	443.85	466.17	
300	452.04	474.77	
305	458.47	481.52	
310	463.20	486.48	
315	466.28	489.71	
320	467.72	491.23	
325	467.56	491.06	
330	465.79	489.20	
335	462.39	485.63	
340	457.32	480.31	
345	450.54	473.20	
350	442.00	464.23	
355	431.64	453.35	