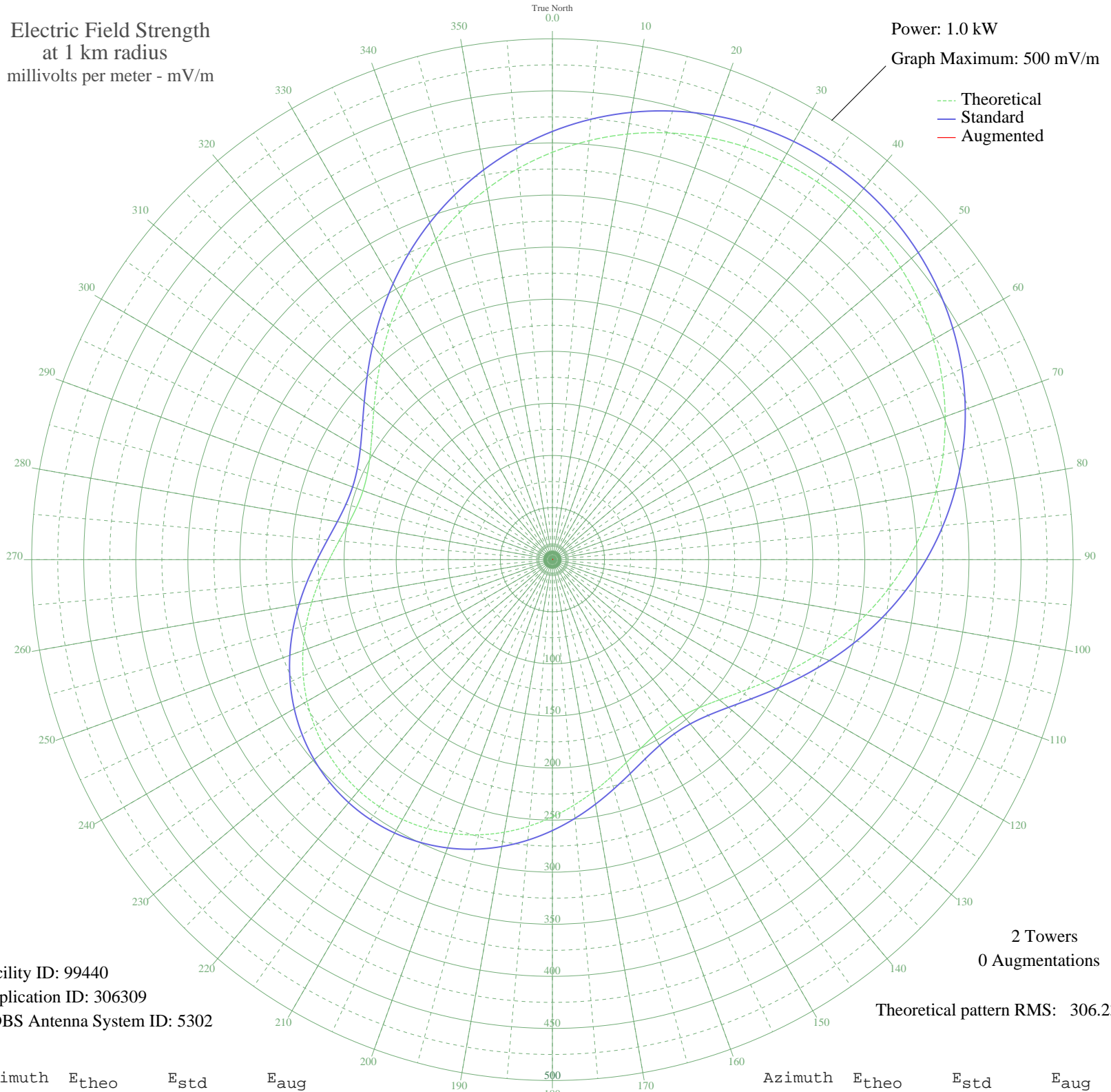


# ZYK-574 CARAGUATATUB, - Brazil -- 670 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 99440  
Application ID: 306309  
CDBS Antenna System ID: 5302

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 306.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	391.09	411.10	
5	403.78	424.41	
10	414.85	436.02	
15	424.19	445.82	
20	431.72	453.71	
25	437.37	459.64	
30	441.09	463.54	
35	442.86	465.40	
40	442.67	465.20	
45	440.50	462.93	
50	436.39	458.61	
55	430.36	452.29	
60	422.47	444.01	
65	412.77	433.84	
70	401.37	421.88	
75	388.37	408.24	
80	373.92	393.08	
85	358.18	376.57	
90	341.36	358.94	
95	323.71	340.44	
100	305.53	321.38	
105	287.17	302.14	
110	269.04	283.14	
115	251.61	264.89	
120	235.45	247.97	
125	221.14	233.00	
130	209.32	220.62	
135	200.53	211.43	
140	195.20	205.86	
145	193.49	204.07	
150	195.25	205.91	
155	200.06	210.94	
160	207.29	218.51	
165	216.25	227.88	
170	226.25	238.34	
175	236.67	249.24	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	246.98	260.04	
185	256.77	270.29	
190	265.67	279.62	
195	273.43	287.74	
200	279.83	294.45	
205	284.71	299.56	
210	287.96	302.97	
215	289.52	304.60	
220	289.34	304.42	
225	287.44	302.43	
230	283.86	298.67	
235	278.67	293.23	
240	271.98	286.23	
245	263.98	277.84	
250	254.87	268.30	
255	244.95	257.91	
260	234.58	247.05	
265	224.20	236.19	
270	214.36	225.89	
275	205.69	216.82	
280	198.88	209.71	
285	194.64	205.27	
290	193.54	204.13	
295	195.98	206.67	
300	202.02	212.99	
305	211.46	222.86	
310	223.83	235.80	
315	238.55	251.22	
320	255.02	268.45	
325	272.62	286.90	
330	290.84	305.98	
335	309.19	325.22	
340	327.29	344.19	
345	344.80	362.55	
350	361.42	379.97	
355	376.92	396.23	