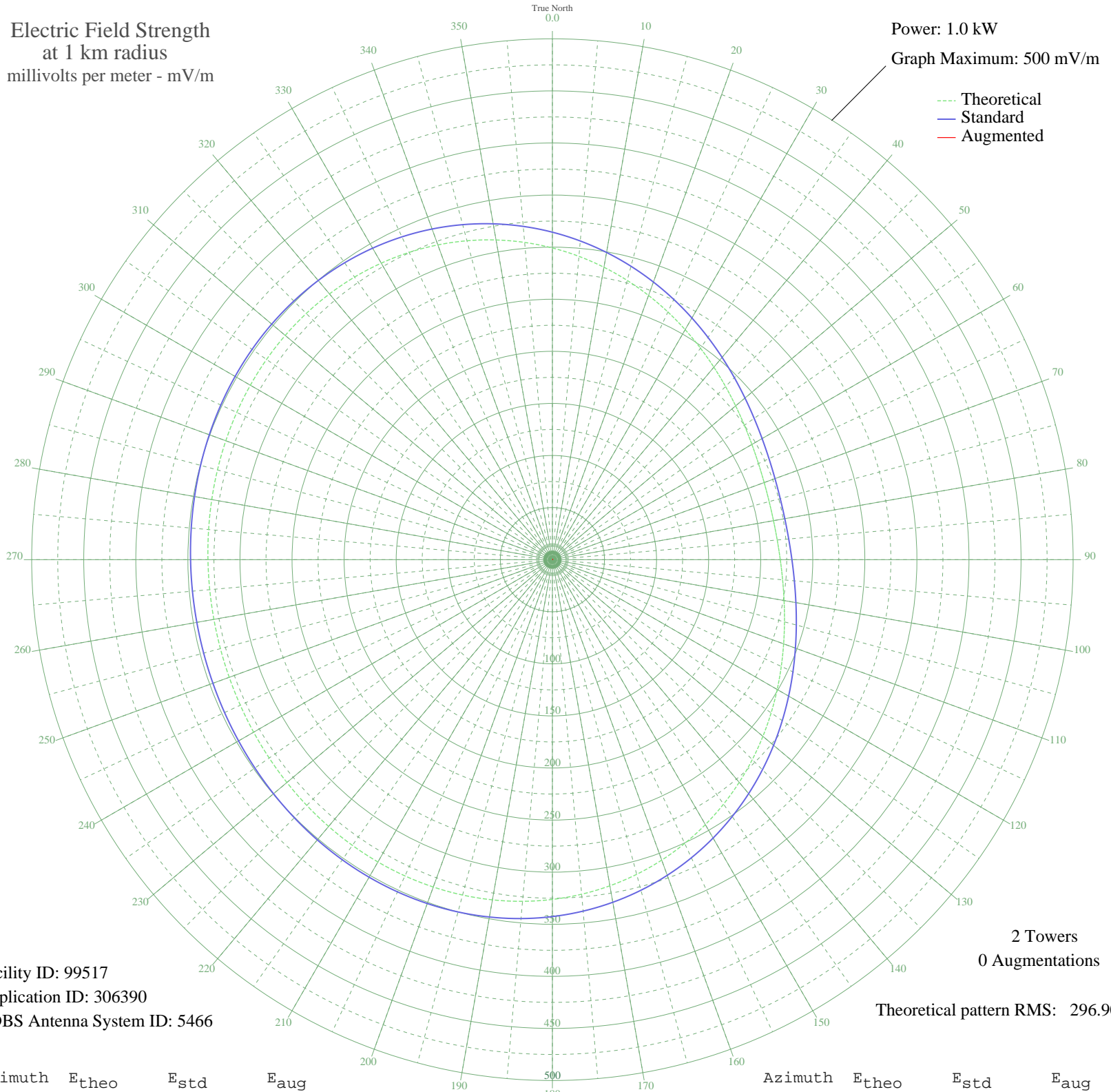


# ZYK-561 BEBEDOURO, - Brazil -- 690 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 99517  
Application ID: 306390  
CDBS Antenna System ID: 5466

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 296.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	299.23	314.37	
5	292.31	307.10	
10	285.03	299.47	
15	277.53	291.59	
20	269.92	283.61	
25	262.35	275.67	
30	254.96	267.91	
35	247.87	260.47	
40	241.21	253.49	
45	235.11	247.09	
50	229.68	241.40	
55	225.02	236.50	
60	221.21	232.51	
65	218.31	229.47	
70	216.39	227.45	
75	215.47	226.49	
80	215.58	226.60	
85	216.70	227.77	
90	218.82	230.00	
95	221.90	233.23	
100	225.89	237.41	
105	230.71	242.47	
110	236.28	248.32	
115	242.50	254.84	
120	249.25	261.93	
125	256.42	269.44	
130	263.86	277.25	
135	271.45	285.21	
140	279.04	293.18	
145	286.51	301.02	
150	293.72	308.59	
155	300.57	315.77	
160	306.93	322.45	
165	312.74	328.54	
170	317.90	333.96	
175	322.39	338.67	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	326.17	342.64	
185	329.23	345.85	
190	331.60	348.34	
195	333.31	350.13	
200	334.41	351.28	
205	334.97	351.88	
210	335.08	351.99	
215	334.82	351.72	
220	334.29	351.16	
225	333.58	350.42	
230	332.78	349.58	
235	331.98	348.73	
240	331.24	347.96	
245	330.64	347.33	
250	330.22	346.89	
255	330.02	346.68	
260	330.04	346.70	
265	330.29	346.97	
270	330.75	347.45	
275	331.38	348.11	
280	332.13	348.90	
285	332.94	349.75	
290	333.73	350.58	
295	334.41	351.29	
300	334.90	351.80	
305	335.09	352.00	
310	334.90	351.80	
315	334.23	351.10	
320	333.01	349.82	
325	331.18	347.90	
330	328.68	345.27	
335	325.47	341.90	
340	321.55	337.79	
345	316.92	332.94	
350	311.62	327.37	
355	305.70	321.16	

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