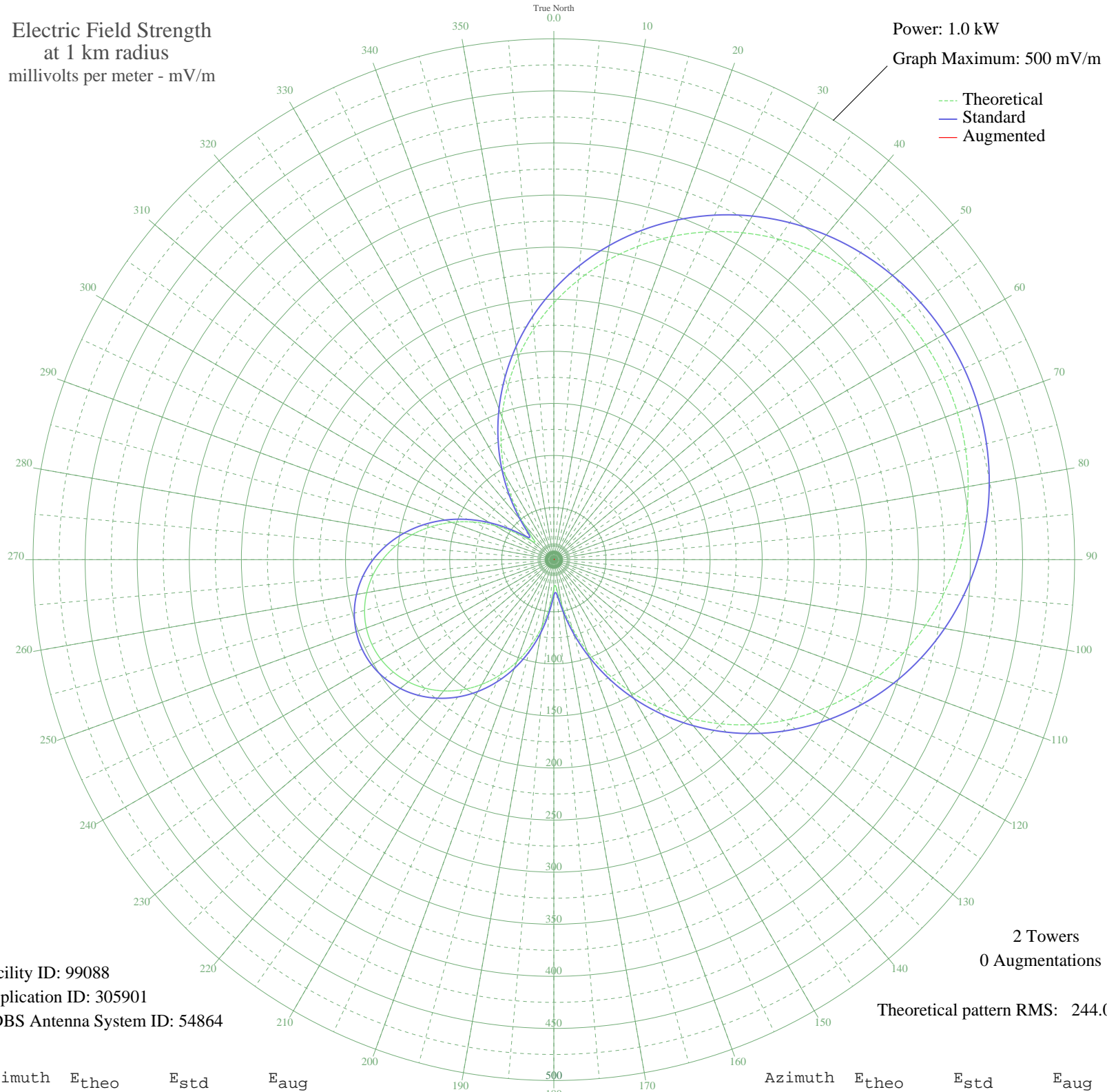


# ZYK717 BARIRI 1, - Brazil -- 570 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 99088  
Application ID: 305901  
CDBS Antenna System ID: 54864

2 Towers  
0 Augmentations

Theoretical pattern RMS: 244.02

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	246.42	259.36	
5	269.40	283.43	
10	291.10	306.17	
15	311.38	327.43	
20	330.09	347.06	
25	347.12	364.91	
30	362.36	380.90	
35	375.73	394.92	
40	387.15	406.90	
45	396.57	416.78	
50	403.94	424.51	
55	409.22	430.05	
60	412.40	433.39	
65	413.46	434.50	
70	412.40	433.39	
75	409.22	430.05	
80	403.94	424.51	
85	396.57	416.78	
90	387.15	406.90	
95	375.73	394.92	
100	362.36	380.90	
105	347.12	364.91	
110	330.09	347.06	
115	311.38	327.43	
120	291.10	306.17	
125	269.40	283.43	
130	246.42	259.36	
135	222.36	234.16	
140	197.39	208.03	
145	171.75	181.21	
150	145.66	153.97	
155	119.40	126.62	
160	93.31	99.58	
165	67.93	73.52	
170	44.43	49.93	
175	27.04	33.52	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	28.15	34.50	
185	44.96	50.45	
190	65.20	70.74	
195	85.37	91.39	
200	104.50	111.16	
205	122.19	129.53	
210	138.19	146.19	
215	152.33	160.93	
220	164.48	173.62	
225	174.55	184.14	
230	182.45	192.40	
235	188.14	198.35	
240	191.57	201.93	
245	192.71	203.13	
250	191.57	201.93	
255	188.14	198.35	
260	182.45	192.40	
265	174.55	184.14	
270	164.48	173.62	
275	152.33	160.93	
280	138.19	146.19	
285	122.19	129.53	
290	104.50	111.16	
295	85.37	91.39	
300	65.20	70.74	
305	44.96	50.45	
310	28.15	34.50	
315	27.04	33.52	
320	44.43	49.93	
325	67.93	73.52	
330	93.31	99.58	
335	119.40	126.62	
340	145.66	153.97	
345	171.75	181.21	
350	197.39	208.03	
355	222.36	234.16	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission