

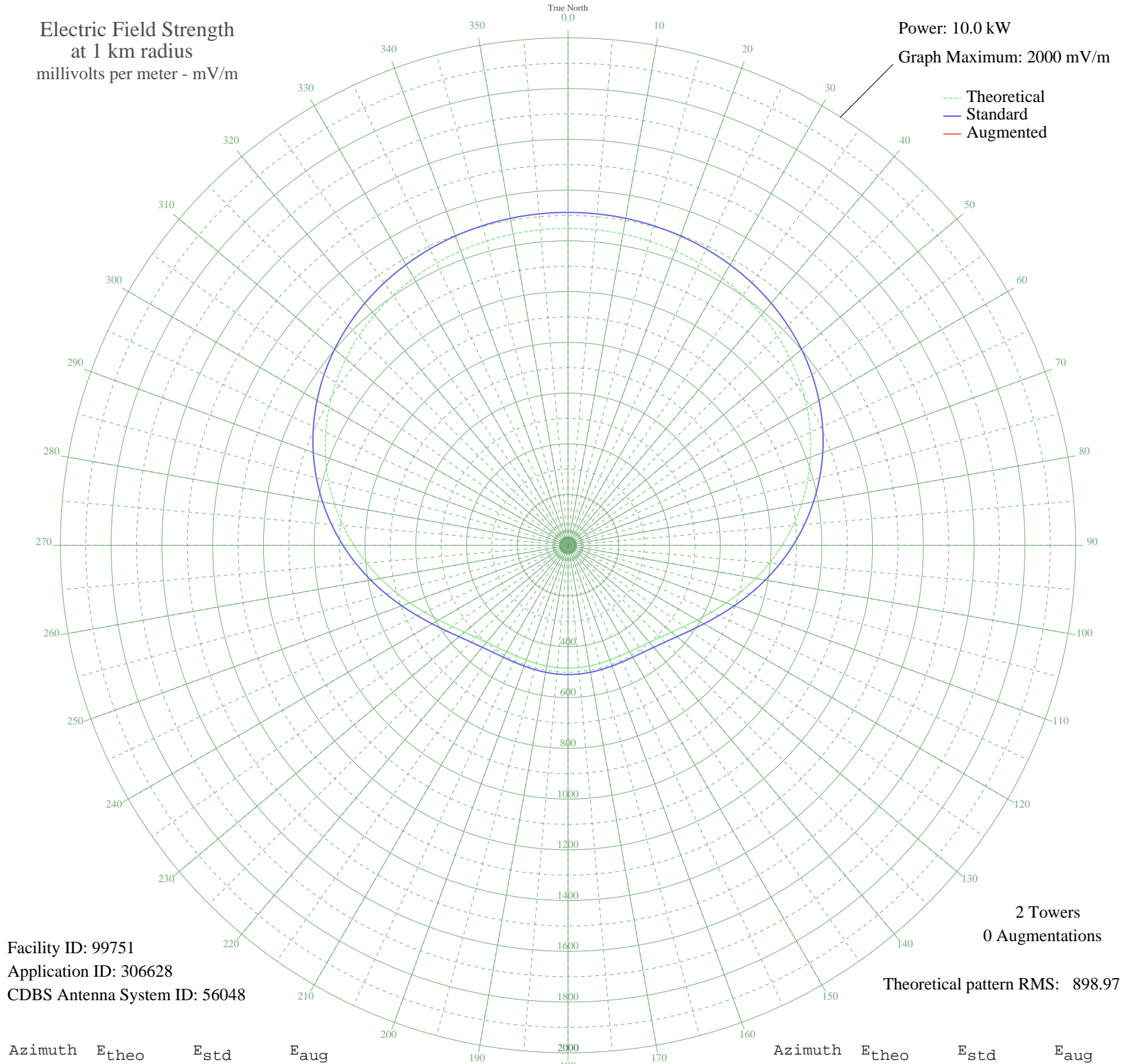
# ZYK642 RIBEIRAO PRE, - Brazil -- 750 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 99751  
Application ID: 306628  
CDBS Antenna System ID: 56048

2 Towers  
0 Augmentations

Theoretical pattern RMS: 898.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1249.06	1311.94	
5	1248.22	1311.06	
10	1245.68	1308.38	
15	1241.32	1303.81	
20	1235.01	1297.19	
25	1226.55	1288.30	
30	1215.68	1276.90	
35	1202.17	1262.72	
40	1185.76	1245.49	
45	1166.20	1224.96	
50	1143.29	1200.91	
55	1116.90	1173.21	
60	1086.97	1141.80	
65	1053.54	1106.71	
70	1016.76	1068.11	
75	976.92	1026.30	
80	934.43	981.71	
85	889.84	934.93	
90	843.84	886.66	
95	797.22	837.74	
100	750.88	789.13	
105	705.81	741.84	
110	663.01	696.95	
115	623.47	655.49	
120	588.12	618.41	
125	557.67	586.50	
130	532.62	560.24	
135	513.12	539.79	
140	498.94	524.94	
145	489.53	515.08	
150	484.08	509.36	
155	481.62	506.79	
160	481.17	506.32	
165	481.83	507.01	
170	482.86	508.09	
175	483.70	508.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	484.02	509.31	
185	483.70	508.97	
190	482.86	508.09	
195	481.83	507.01	
200	481.17	506.32	
205	481.62	506.79	
210	484.08	509.36	
215	489.53	515.08	
220	498.94	524.94	
225	513.12	539.79	
230	532.62	560.24	
235	557.67	586.50	
240	588.12	618.41	
245	623.47	655.49	
250	663.01	696.95	
255	705.81	741.84	
260	750.88	789.13	
265	797.22	837.74	
270	843.84	886.66	
275	889.84	934.93	
280	934.43	981.71	
285	976.92	1026.30	
290	1016.76	1068.11	
295	1053.54	1106.71	
300	1086.97	1141.80	
305	1116.90	1173.21	
310	1143.29	1200.91	
315	1166.20	1224.96	
320	1185.76	1245.49	
325	1202.17	1262.72	
330	1215.68	1276.90	
335	1226.55	1288.30	
340	1235.01	1297.19	
345	1241.32	1303.81	
350	1245.68	1308.38	
355	1248.22	1311.06	

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