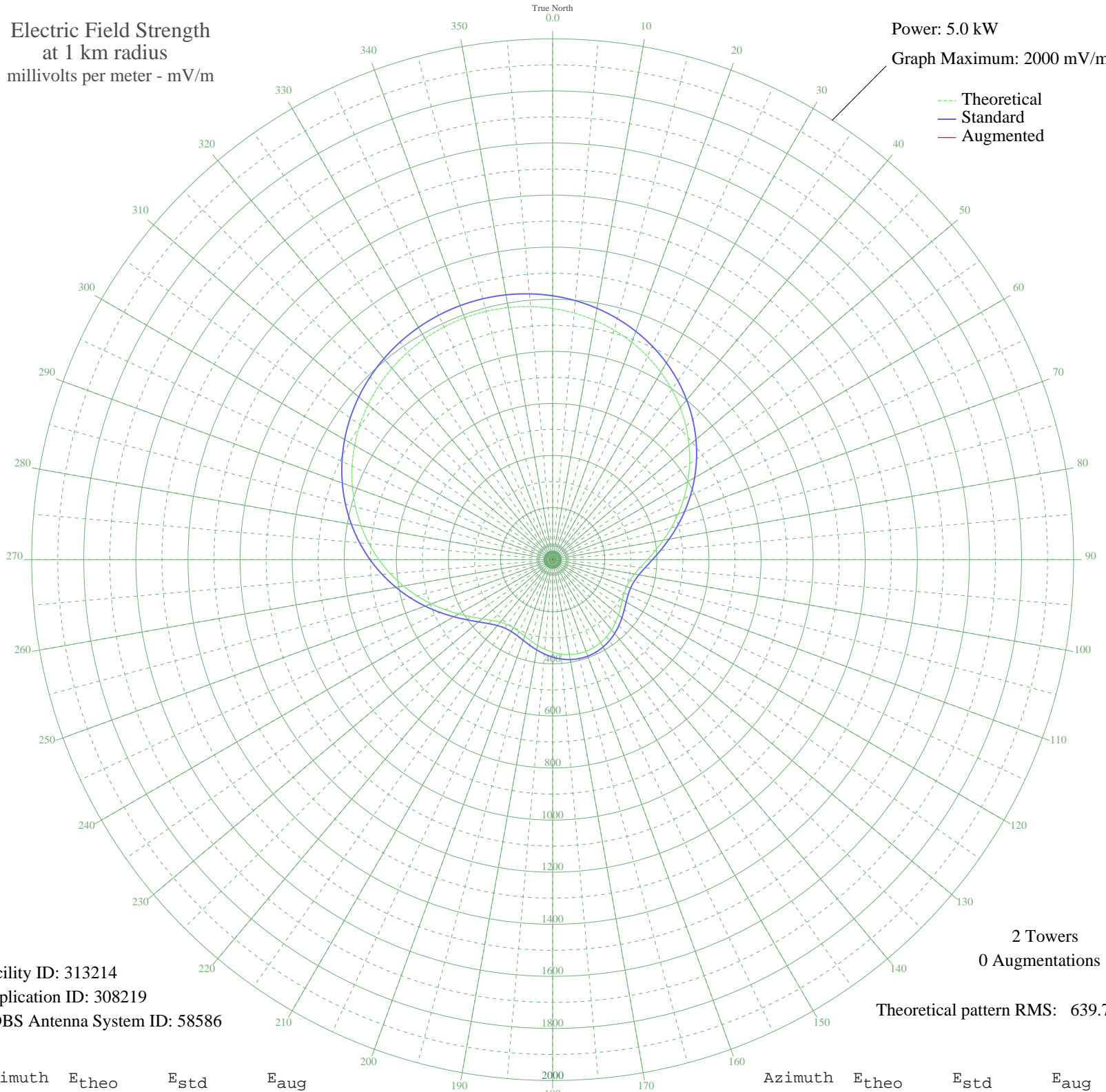


# ZYK758 BARRETOS, - Brazil -- 1070 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 313214  
Application ID: 308219  
CDBS Antenna System ID: 58586

2 Towers  
0 Augmentations

Theoretical pattern RMS: 639.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	964.63	1013.20	
5	950.50	998.37	
10	933.07	980.08	
15	912.35	958.33	
20	888.38	933.17	
25	861.23	904.67	
30	831.00	872.94	
35	797.86	838.16	
40	762.03	800.56	
45	723.81	760.45	
50	683.55	718.20	
55	641.71	674.30	
60	598.83	629.32	
65	555.57	583.93	
70	512.68	538.94	
75	471.03	495.27	
80	431.63	453.97	
85	395.60	416.20	
90	364.12	383.21	
95	338.34	356.22	
100	319.23	336.21	
105	307.27	323.69	
110	302.31	318.50	
115	303.50	319.75	
120	309.50	326.03	
125	318.73	335.68	
130	329.67	347.14	
135	341.00	359.00	
140	351.66	370.17	
145	360.84	379.79	
150	367.96	387.24	
155	372.62	392.12	
160	374.58	394.17	
165	373.73	393.29	
170	370.14	389.52	
175	363.96	383.06	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	355.55	374.24	
185	345.39	363.60	
190	334.22	351.90	
195	322.98	340.13	
200	312.89	329.58	
205	305.41	321.75	
210	302.12	318.30	
215	304.48	320.77	
220	313.58	330.29	
225	329.86	347.34	
230	353.06	371.64	
235	382.39	402.36	
240	416.75	438.37	
245	454.94	478.40	
250	495.81	521.26	
255	538.32	565.84	
260	581.53	611.17	
265	624.65	656.40	
270	666.97	700.81	
275	707.92	743.78	
280	747.01	784.80	
285	783.84	823.45	
290	818.08	859.39	
295	849.50	892.36	
300	877.90	922.16	
305	903.15	948.67	
310	925.18	971.79	
315	943.93	991.47	
320	959.38	1007.69	
325	971.53	1020.44	
330	980.38	1029.73	
335	985.95	1035.58	
340	988.24	1037.98	
345	987.26	1036.95	
350	983.00	1032.48	
355	975.46	1024.57	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission