

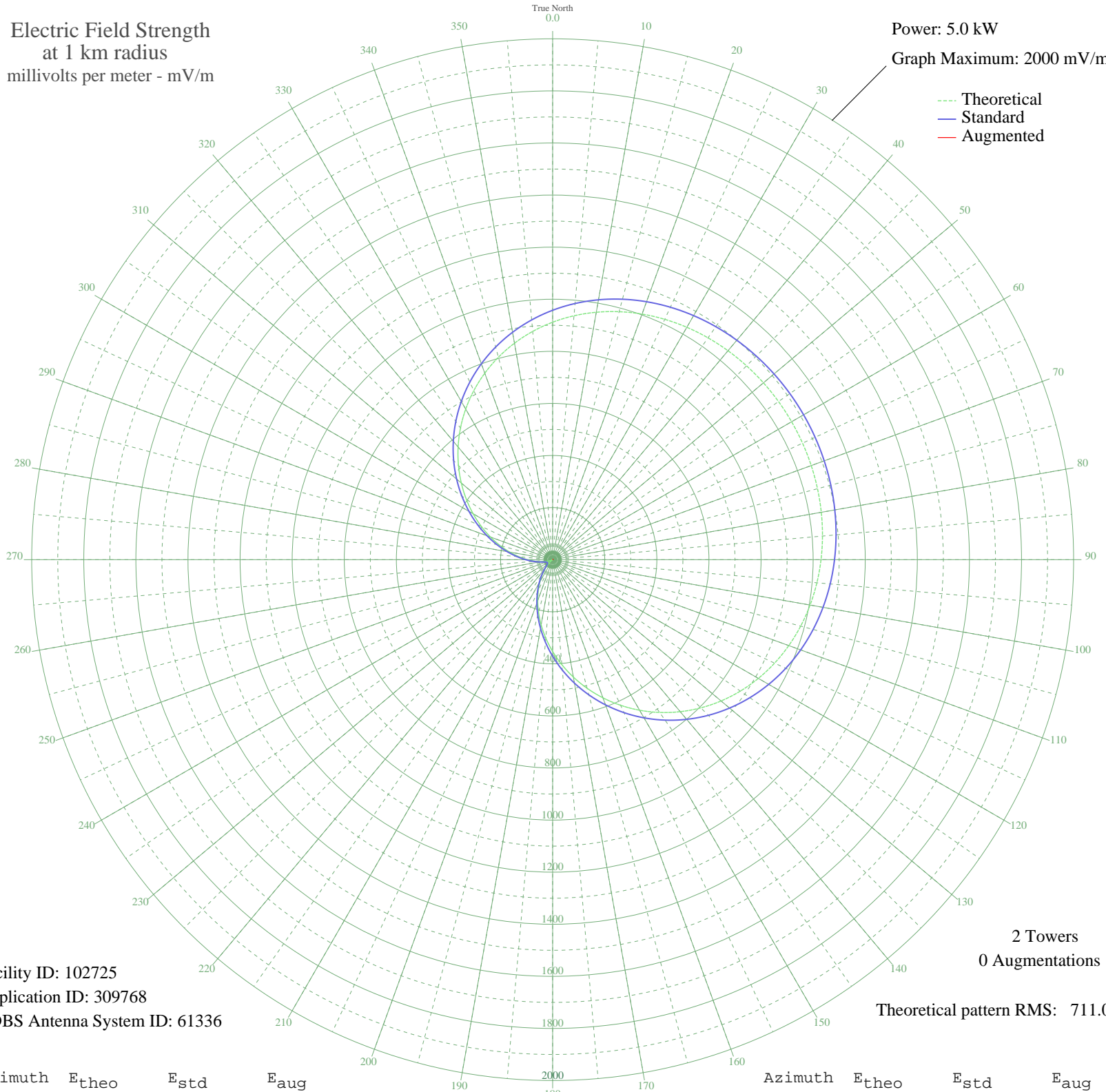
# ZYK-716 CAMPINAS, - Brazil -- 1230 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 102725  
Application ID: 309768  
CDBS Antenna System ID: 61336

2 Towers  
0 Augmentations

Theoretical pattern RMS: 711.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	911.81	957.69	
5	940.08	987.36	
10	964.68	1013.19	
15	985.78	1035.33	
20	1003.57	1054.01	
25	1018.33	1069.50	
30	1030.33	1082.10	
35	1039.87	1092.12	
40	1047.23	1099.84	
45	1052.66	1105.55	
50	1056.38	1109.45	
55	1058.55	1111.72	
60	1059.26	1112.47	
65	1058.55	1111.72	
70	1056.38	1109.45	
75	1052.66	1105.55	
80	1047.23	1099.84	
85	1039.87	1092.12	
90	1030.33	1082.10	
95	1018.33	1069.50	
100	1003.57	1054.01	
105	985.78	1035.33	
110	964.68	1013.19	
115	940.08	987.36	
120	911.81	957.69	
125	879.80	924.08	
130	844.06	886.57	
135	804.70	845.26	
140	761.94	800.38	
145	716.10	752.27	
150	667.58	701.35	
155	616.89	648.16	
160	564.61	593.30	
165	511.35	537.43	
170	457.79	481.26	
175	404.62	425.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	352.50	370.87	
185	302.10	318.07	
190	254.06	267.79	
195	208.94	220.63	
200	167.26	177.19	
205	129.50	137.99	
210	96.04	103.53	
215	67.20	74.37	
220	43.27	51.14	
225	24.45	34.79	
230	10.90	26.12	
235	2.73	23.65	
240	0.00	23.48	
245	2.73	23.65	
250	10.90	26.12	
255	24.45	34.79	
260	43.27	51.14	
265	67.20	74.37	
270	96.04	103.53	
275	129.50	137.99	
280	167.26	177.19	
285	208.94	220.63	
290	254.06	267.79	
295	302.10	318.07	
300	352.50	370.87	
305	404.62	425.49	
310	457.79	481.26	
315	511.35	537.43	
320	564.61	593.30	
325	616.89	648.16	
330	667.58	701.35	
335	716.10	752.27	
340	761.94	800.38	
345	804.70	845.26	
350	844.06	886.57	
355	879.80	924.08	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission