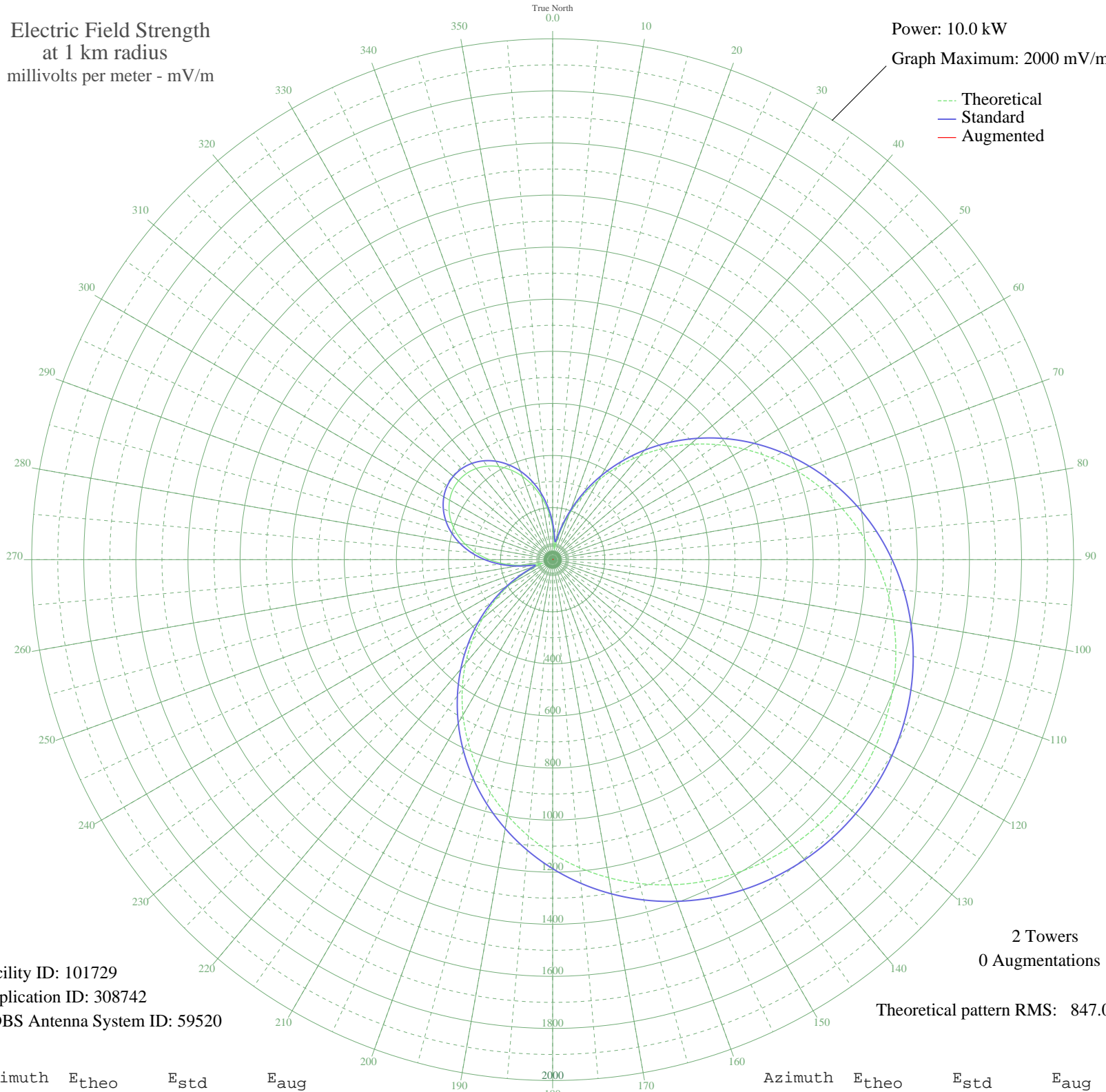


# ZYK660 S JOSE CAMPO, - Brazil -- 1120 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101729  
Application ID: 308742  
CDBS Antenna System ID: 59520

2 Towers  
0 Augmentations

Theoretical pattern RMS: 847.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	124.30	140.80	
5	64.01	85.49	
10	48.84	73.63	
15	110.03	127.04	
20	186.44	202.76	
25	267.35	285.64	
30	350.66	371.96	
35	435.26	460.07	
40	520.28	548.84	
45	604.91	637.35	
50	688.40	724.75	
55	770.05	810.27	
60	849.17	893.20	
65	925.16	972.86	
70	997.44	1048.65	
75	1065.51	1120.03	
80	1128.90	1186.52	
85	1187.22	1247.70	
90	1240.15	1303.23	
95	1287.39	1352.79	
100	1328.72	1396.16	
105	1363.96	1433.14	
110	1392.96	1463.57	
115	1415.62	1487.34	
120	1431.86	1504.38	
125	1441.62	1514.62	
130	1444.87	1518.04	
135	1441.62	1514.62	
140	1431.86	1504.38	
145	1415.62	1487.34	
150	1392.96	1463.57	
155	1363.96	1433.14	
160	1328.72	1396.16	
165	1287.39	1352.79	
170	1240.15	1303.23	
175	1187.22	1247.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1128.90	1186.52	
185	1065.51	1120.03	
190	997.44	1048.65	
195	925.16	972.86	
200	849.17	893.20	
205	770.05	810.27	
210	688.40	724.75	
215	604.91	637.35	
220	520.28	548.84	
225	435.26	460.07	
230	350.66	371.96	
235	267.35	285.64	
240	186.44	202.76	
245	110.03	127.04	
250	48.84	73.63	
255	64.01	85.49	
260	124.30	140.80	
265	185.59	201.91	
270	242.82	260.38	
275	294.69	313.90	
280	340.55	361.46	
285	379.97	402.45	
290	412.63	436.47	
295	438.27	463.21	
300	456.71	482.45	
305	467.83	494.05	
310	471.54	497.93	
315	467.83	494.05	
320	456.71	482.45	
325	438.27	463.21	
330	412.63	436.47	
335	379.97	402.45	
340	340.55	361.46	
345	294.69	313.90	
350	242.82	260.37	
355	185.59	201.91	

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