

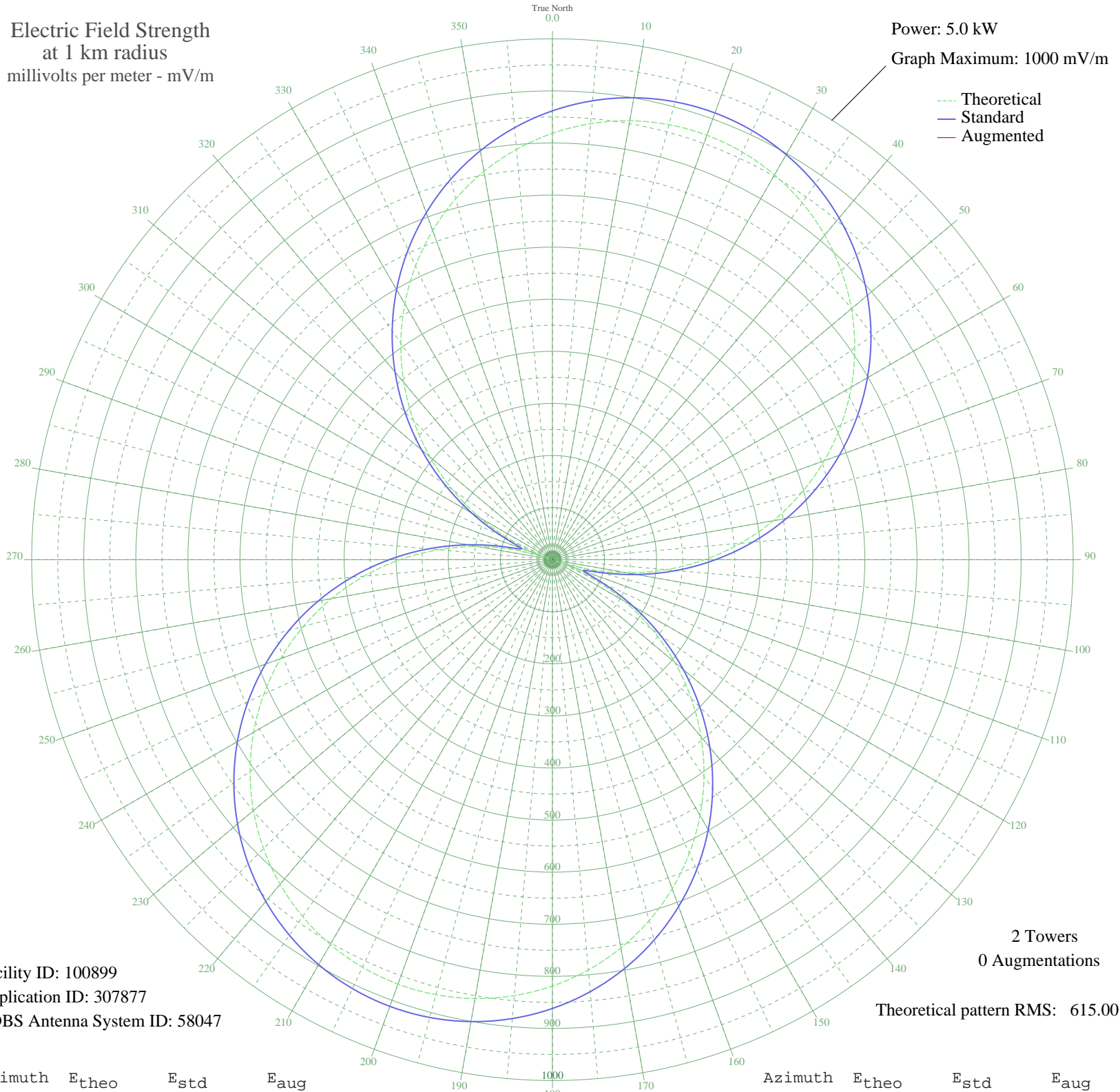
# ZYK525 FRANCA, - Brazil -- 1030 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 100899  
Application ID: 307877  
CDBS Antenna System ID: 58047

2 Towers  
0 Augmentations

Theoretical pattern RMS: 615.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	818.55	861.72	
5	840.22	884.43	
10	855.62	900.55	
15	864.63	909.99	
20	867.21	912.69	
25	863.34	908.64	
30	853.05	897.86	
35	836.39	880.41	
40	813.47	856.40	
45	784.43	825.99	
50	749.45	789.38	
55	708.77	746.81	
60	662.65	698.56	
65	611.41	644.99	
70	555.41	586.49	
75	495.05	523.51	
80	430.77	456.57	
85	363.07	386.26	
90	292.45	313.31	
95	219.48	238.70	
100	144.74	164.21	
105	68.82	95.34	
110	7.66	62.71	
115	84.07	107.98	
120	159.80	178.95	
125	234.24	253.69	
130	306.78	328.07	
135	376.86	400.56	
140	443.92	470.25	
145	507.45	536.44	
150	566.98	598.57	
155	622.06	656.11	
160	672.30	708.65	
165	717.35	755.79	
170	756.91	797.19	
175	790.72	832.58	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	818.55	861.72	
185	840.23	884.43	
190	855.62	900.55	
195	864.63	909.99	
200	867.21	912.70	
205	863.34	908.64	
210	853.05	897.86	
215	836.39	880.41	
220	813.47	856.40	
225	784.43	826.00	
230	749.46	789.38	
235	708.77	746.81	
240	662.66	698.56	
245	611.42	644.99	
250	555.41	586.49	
255	495.05	523.51	
260	430.77	456.57	
265	363.07	386.26	
270	292.45	313.31	
275	219.48	238.70	
280	144.74	164.21	
285	68.82	95.34	
290	7.65	62.71	
295	84.07	107.98	
300	159.80	178.95	
305	234.24	253.69	
310	306.78	328.07	
315	376.86	400.56	
320	443.92	470.25	
325	507.45	536.44	
330	566.98	598.57	
335	622.06	656.11	
340	672.30	708.65	
345	717.35	755.79	
350	756.91	797.19	
355	790.72	832.58	

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