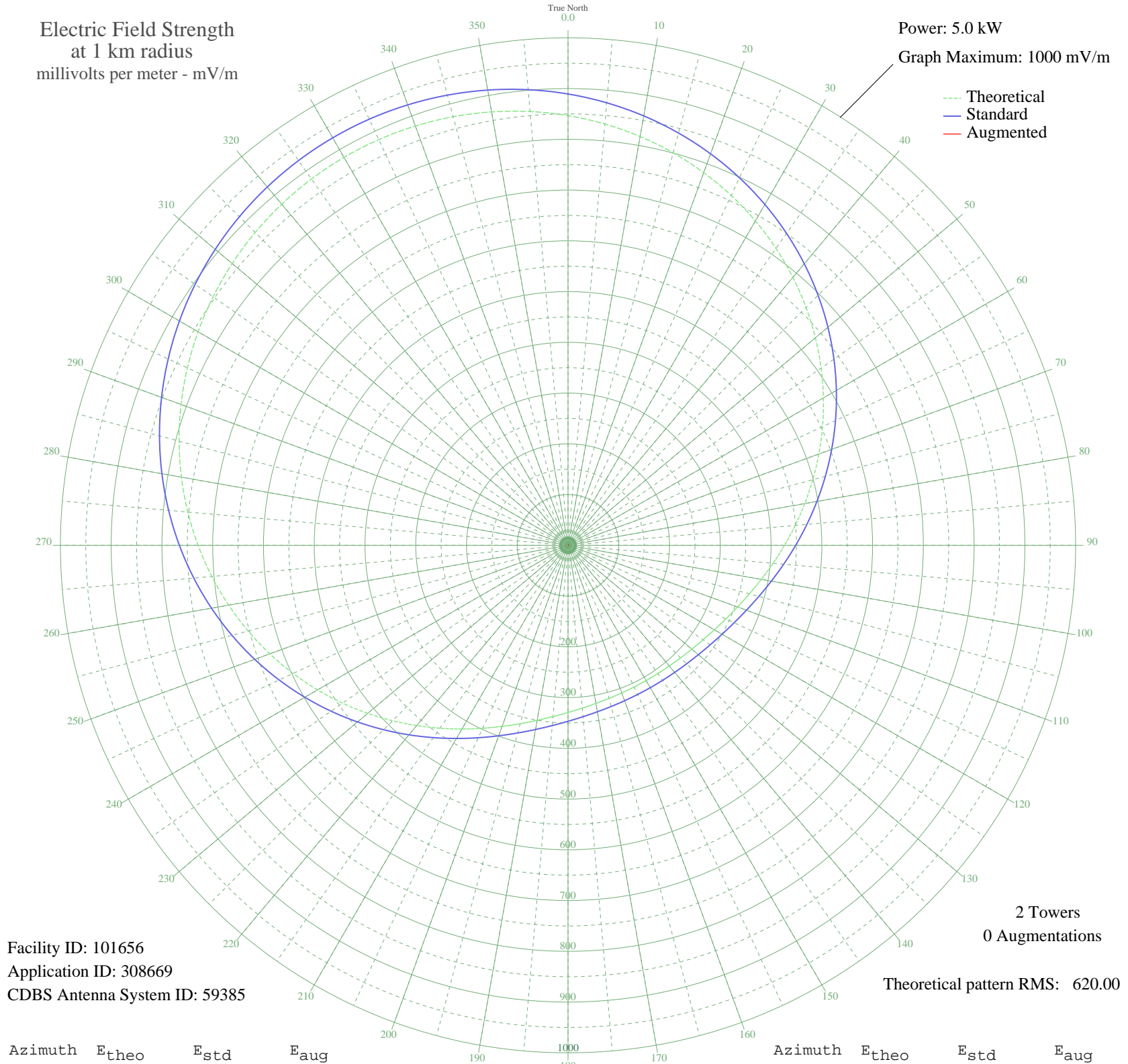


ZYJ-253 S JOSE PINHA, - Brazil -- 1110 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 101656
Application ID: 308669
CDBS Antenna System ID: 59385

2 Towers
0 Augmentations

Theoretical pattern RMS: 620.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	846.64	889.32	
5	833.28	875.29	
10	817.92	859.17	
15	800.63	841.03	
20	781.51	820.96	
25	760.66	799.07	
30	738.22	775.52	
35	714.34	750.46	
40	689.22	724.10	
45	663.06	696.65	
50	636.11	668.37	
55	608.62	639.53	
60	580.88	610.43	
65	553.19	581.38	
70	525.87	552.71	
75	499.22	524.76	
80	473.58	497.87	
85	449.23	472.34	
90	426.47	448.48	
95	405.54	426.53	
100	386.64	406.72	
105	369.89	389.17	
110	355.37	373.95	
115	343.07	361.06	
120	332.90	350.42	
125	324.73	341.86	
130	318.39	335.22	
135	313.68	330.29	
140	310.41	326.87	
145	308.44	324.80	
150	307.64	323.97	
155	307.98	324.32	
160	309.48	325.89	
165	312.21	328.75	
170	316.32	333.06	
175	321.99	338.99	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	329.40	346.75	
185	338.75	356.54	
190	350.18	368.52	
195	363.81	382.80	
200	379.67	399.42	
205	397.73	418.34	
210	417.87	439.46	
215	439.92	462.58	
220	463.67	487.48	
225	488.83	513.86	
230	515.11	541.43	
235	542.20	569.85	
240	569.78	598.78	
245	597.54	627.90	
250	625.16	656.88	
255	652.36	685.42	
260	678.87	713.24	
265	704.43	740.06	
270	728.83	765.67	
275	751.86	789.84	
280	773.37	812.41	
285	793.20	833.23	
290	811.23	852.15	
295	827.37	869.09	
300	841.54	883.96	
305	853.67	896.70	
310	863.73	907.26	
315	871.68	915.60	
320	877.50	921.70	
325	881.17	925.55	
330	882.68	927.14	
335	882.03	926.46	
340	879.22	923.52	
345	874.27	918.31	
350	867.17	910.86	
355	857.95	901.19	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission