

ZYK688 S PAULO, - Brazil -- 1260 kHz

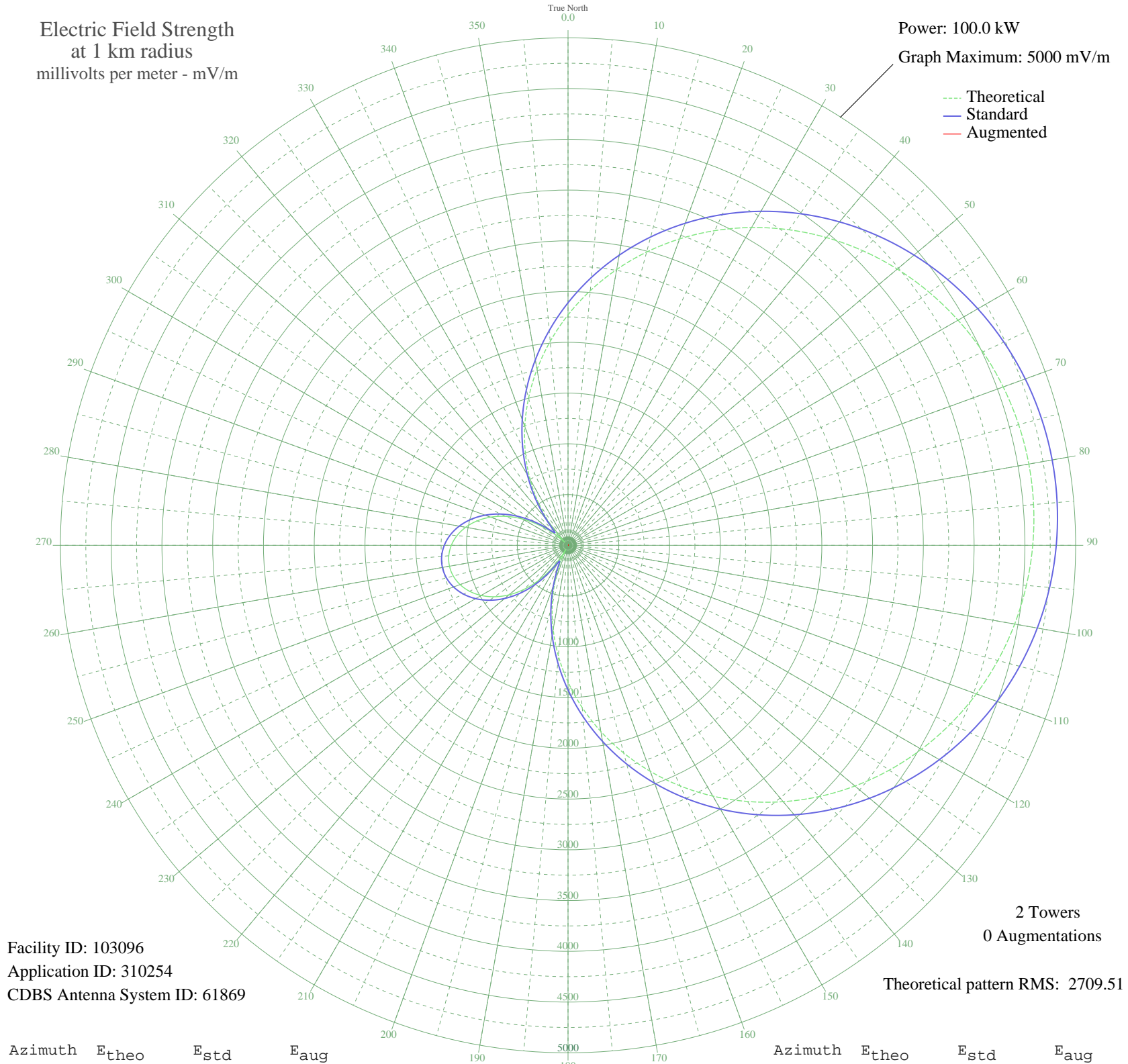
Daytime

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

Power: 100.0 kW

Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 103096
Application ID: 310254
CDBS Antenna System ID: 61869

2 Towers
0 Augmentations

Theoretical pattern RMS: 2709.51

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2270.09	2389.55	
5	2518.38	2649.67	
10	2759.38	2902.25	
15	2991.22	3145.30	
20	3212.18	3377.00	
25	3420.70	3595.69	
30	3615.39	3799.90	
35	3795.02	3988.34	
40	3958.55	4159.90	
45	4105.10	4313.65	
50	4233.91	4448.80	
55	4344.41	4564.74	
60	4436.11	4660.97	
65	4508.67	4737.10	
70	4561.80	4792.86	
75	4595.34	4828.05	
80	4609.17	4842.56	
85	4603.24	4836.34	
90	4577.58	4809.41	
95	4532.26	4761.86	
100	4467.45	4693.85	
105	4383.37	4605.62	
110	4280.34	4497.52	
115	4158.79	4369.98	
120	4019.26	4223.58	
125	3862.42	4059.04	
130	3689.11	3877.23	
135	3500.31	3679.19	
140	3297.16	3466.12	
145	3081.00	3239.44	
150	2853.32	3000.72	
155	2615.77	2751.72	
160	2370.16	2494.37	
165	2118.43	2230.73	
170	1862.64	1963.03	
175	1604.93	1693.59	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1347.49	1424.87	
185	1092.56	1159.50	
190	842.37	900.41	
195	599.20	651.35	
200	365.53	419.19	
205	146.06	227.90	
210	85.63	191.05	
215	273.02	332.57	
220	452.20	503.85	
225	614.86	667.25	
230	759.13	814.72	
235	883.79	943.16	
240	987.87	1050.87	
245	1070.62	1136.72	
250	1131.44	1199.92	
255	1169.93	1239.94	
260	1185.83	1256.48	
265	1179.01	1249.39	
270	1149.54	1218.73	
275	1097.60	1164.75	
280	1023.56	1087.88	
285	927.93	988.81	
290	811.40	868.49	
295	674.85	728.37	
300	519.37	570.80	
305	346.49	400.97	
310	159.63	237.72	
315	69.67	183.76	
320	275.49	334.80	
325	504.43	555.83	
330	744.13	799.31	
335	991.79	1054.93	
340	1245.09	1318.17	
345	1501.80	1585.88	
350	1759.67	1855.33	
355	2016.49	2124.01	

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