

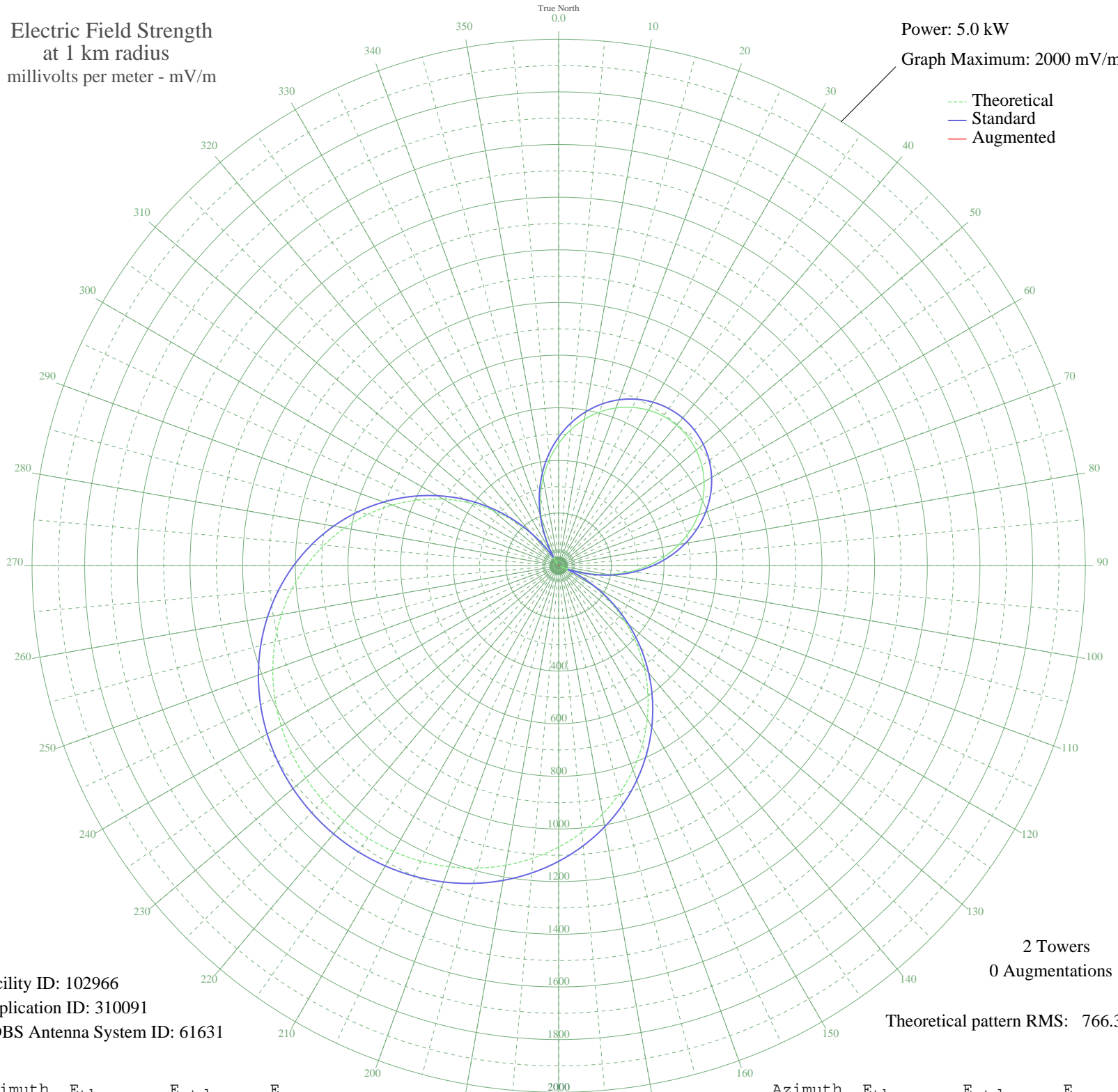
ZYK-702 CACAPAVA, - Brazil -- 1250 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 102966
Application ID: 310091
CDBS Antenna System ID: 61631

2 Towers
0 Augmentations

Theoretical pattern RMS: 766.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	464.00	488.60	
5	517.64	544.77	
10	564.65	594.03	
15	604.77	636.08	
20	637.82	670.73	
25	663.66	697.82	
30	682.18	717.24	
35	693.31	728.92	
40	697.03	732.81	
45	693.31	728.92	
50	682.18	717.24	
55	663.66	697.82	
60	637.82	670.73	
65	604.77	636.08	
70	564.65	594.03	
75	517.64	544.77	
80	464.00	488.60	
85	404.06	425.87	
90	338.21	357.04	
95	266.93	282.70	
100	190.77	203.68	
105	110.36	121.62	
110	26.42	46.20	
115	60.28	73.28	
120	148.91	160.66	
125	238.61	253.25	
130	328.50	346.90	
135	417.71	440.15	
140	505.38	531.93	
145	590.70	621.33	
150	672.91	707.53	
155	751.34	789.77	
160	825.38	867.43	
165	894.52	939.97	
170	958.35	1006.95	
175	1016.55	1068.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1068.86	1122.91	
185	1115.13	1171.47	
190	1155.25	1213.57	
195	1189.17	1249.18	
200	1216.89	1278.27	
205	1238.41	1300.85	
210	1253.75	1316.96	
215	1262.95	1326.61	
220	1266.01	1329.82	
225	1262.95	1326.61	
230	1253.75	1316.96	
235	1238.41	1300.85	
240	1216.89	1278.27	
245	1189.17	1249.18	
250	1155.25	1213.57	
255	1115.13	1171.47	
260	1068.86	1122.91	
265	1016.55	1068.01	
270	958.35	1006.95	
275	894.52	939.97	
280	825.38	867.43	
285	751.34	789.77	
290	672.91	707.52	
295	590.70	621.33	
300	505.38	531.93	
305	417.71	440.15	
310	328.50	346.90	
315	238.61	253.24	
320	148.90	160.66	
325	60.27	73.28	
330	26.42	46.20	
335	110.36	121.63	
340	190.77	203.68	
345	266.93	282.70	
350	338.21	357.04	
355	404.06	425.87	

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