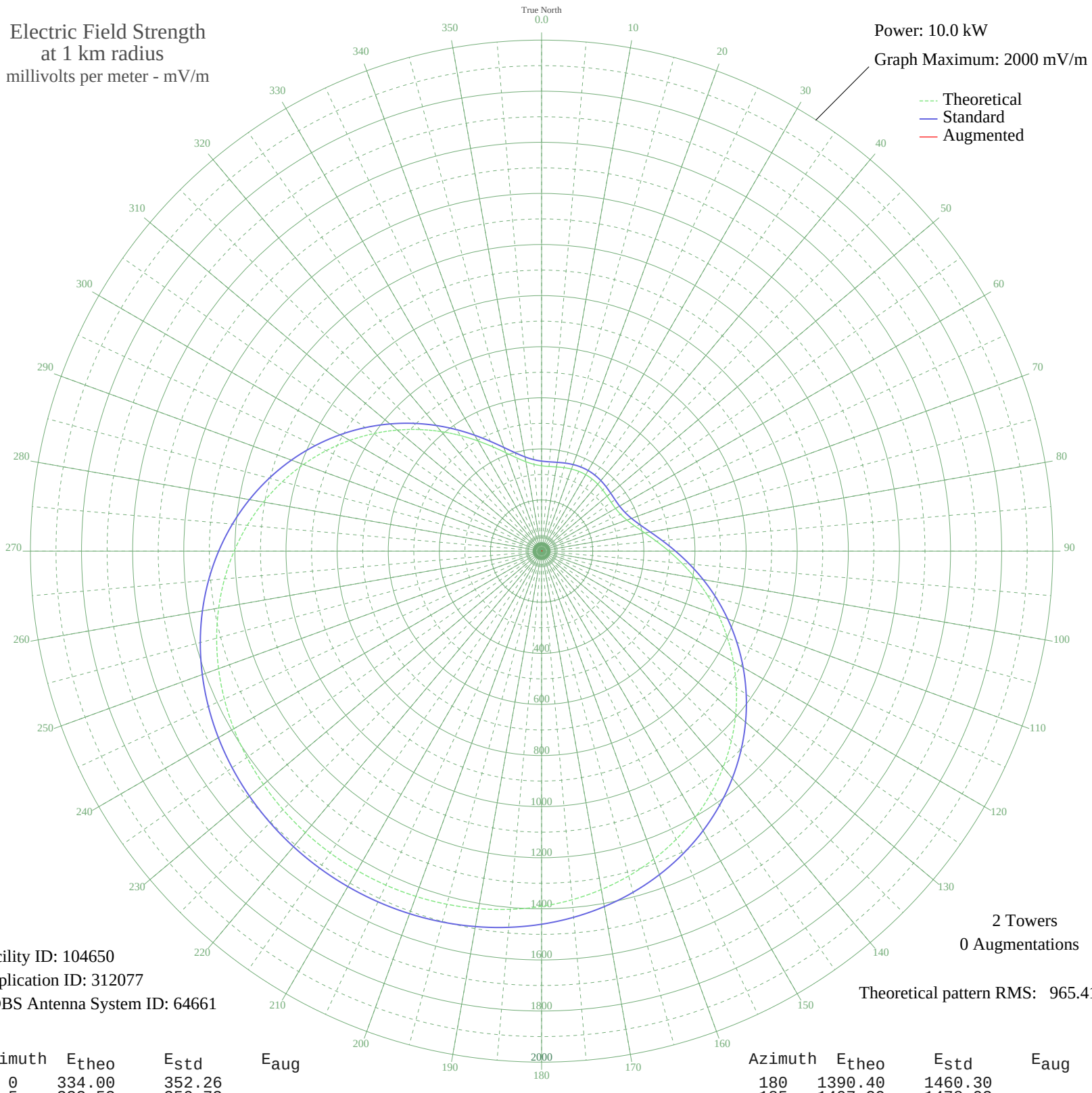
ZYK591 GUARULHOS, - Brazil -- 1450 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 104650
Application ID: 312077
CDBS Antenna System ID: 64661

Theoretical pattern RMS: 965.41

Azimuth	E_{theo}	E_{std}	E_{aug}
0	334.00	352.26	
5	332.53	350.73	
10	334.55	352.84	
15	338.15	356.61	
20	341.81	360.43	
25	344.43	363.18	
30	345.38	364.17	
35	344.43	363.18	
40	341.81	360.43	
45	338.15	356.61	
50	334.55	352.84	
55	332.53	350.73	
60	334.00	352.26	
65	340.97	359.56	
70	355.27	374.51	
75	378.11	398.40	
80	409.87	431.64	
85	450.11	473.78	
90	497.85	523.80	
95	551.79	580.33	
100	610.52	641.90	
105	672.64	707.05	
110	736.83	774.38	
115	801.87	842.62	
120	866.64	910.58	
125	930.15	977.22	
130	991.51	1041.62	
135	1050.00	1103.00	
140	1105.01	1160.74	
145	1156.08	1214.34	
150	1202.88	1263.46	
155	1245.21	1307.89	
160	1282.99	1347.55	
165	1316.26	1382.47	
170	1345.12	1412.76	
175	1369.76	1438.63	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1390.40	1460.30	
185	1407.29	1478.03	
190	1420.70	1492.10	
195	1430.84	1502.75	
200	1437.93	1510.19	
205	1442.12	1514.59	
210	1443.50	1516.04	
215	1442.12	1514.59	
220	1437.93	1510.19	
225	1430.84	1502.75	
230	1420.70	1492.10	
235	1407.29	1478.03	
240	1390.40	1460.30	
245	1369.76	1438.63	
250	1345.12	1412.76	
255	1316.26	1382.47	
260	1282.99	1347.55	
265	1245.21	1307.89	
270	1202.88	1263.46	
275	1156.08	1214.34	
280	1105.01	1160.74	
285	1050.00	1103.00	
290	991.51	1041.62	
295	930.15	977.22	
300	866.64	910.58	
305	801.87	842.62	
310	736.83	774.38	
315	672.64	707.05	
320	610.52	641.90	
325	551.79	580.33	
330	497.85	523.80	
335	450.11	473.78	
340	409.86	431.64	
345	378.11	398.40	
350	355.27	374.51	
355	340.97	359.56	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission