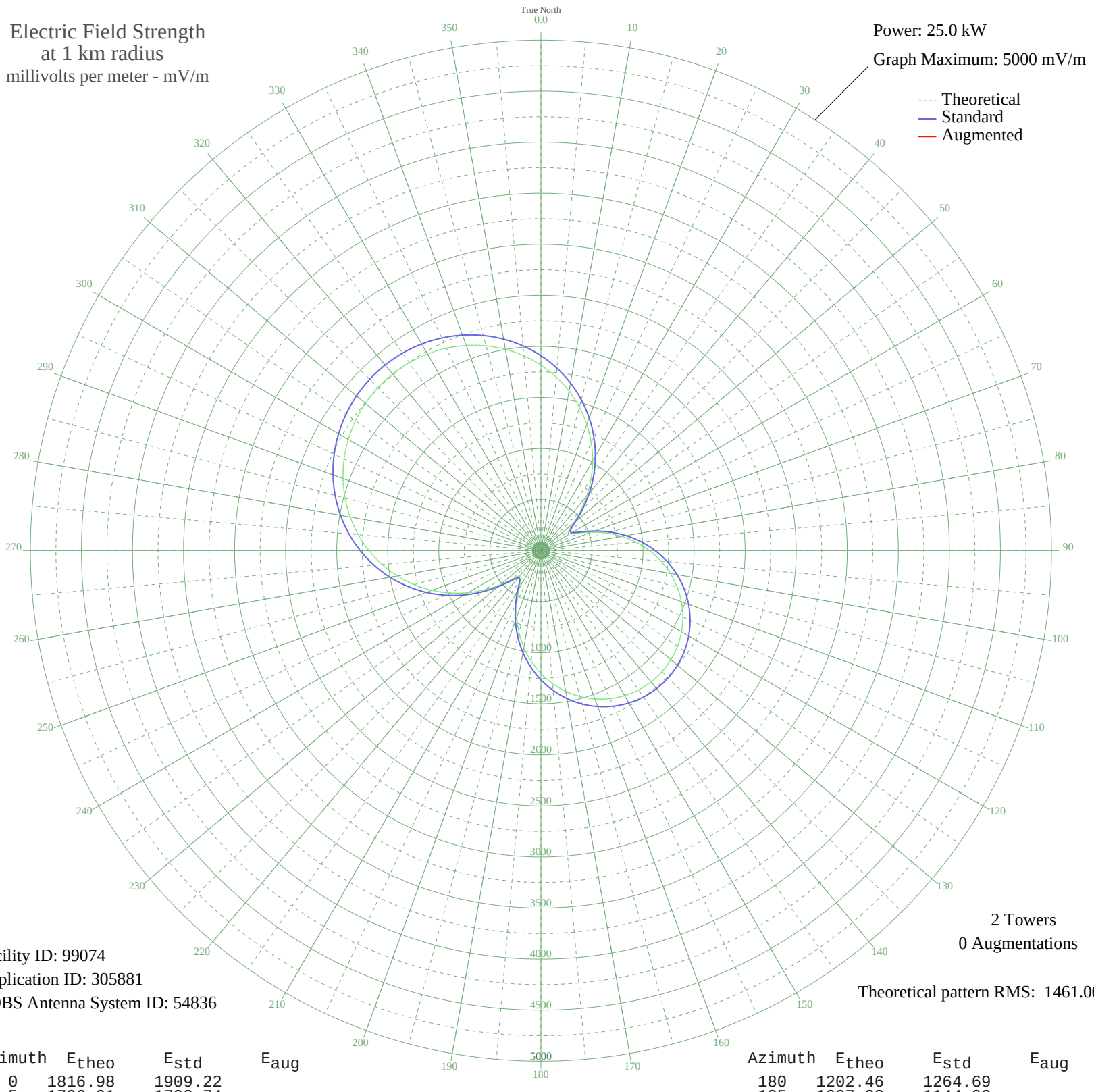
ZYK761 SANTA ISABEL, - Brazil -- 560 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 99074
Application ID: 305881
CDBS Antenna System ID: 54836

Theoretical pattern RMS: 1461.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1816.98	1909.22	
5	1706.91	1793.74	
10	1585.89	1666.78	
15	1454.73	1529.20	
20	1314.49	1382.14	
25	1166.55	1227.05	
30	1012.72	1065.85	
35	855.45	901.17	
40	698.38	736.91	
45	547.72	579.71	
50	416.01	442.85	
55	330.30	354.40	
60	328.37	352.41	
65	408.13	434.70	
70	529.58	560.81	
75	665.31	702.37	
80	802.97	846.26	
85	936.65	986.18	
90	1063.11	1118.64	
95	1180.27	1241.43	
100	1286.76	1353.06	
105	1381.56	1452.47	
110	1463.96	1538.89	
115	1533.46	1611.78	
120	1589.68	1670.75	
125	1632.37	1715.54	
130	1661.37	1745.97	
135	1676.59	1761.93	
140	1677.98	1763.38	
145	1665.52	1750.32	
150	1639.27	1722.78	
155	1599.30	1680.85	
160	1545.77	1624.70	
165	1478.91	1554.56	
170	1399.05	1470.81	
175	1306.68	1373.95	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1202.46	1264.69	
185	1087.33	1144.03	
190	962.60	1013.36	
195	830.15	874.70	
200	692.93	731.22	
205	556.12	588.46	
210	430.27	457.63	
215	338.97	363.31	
220	322.31	346.18	
225	393.97	420.04	
230	519.27	550.09	
235	667.46	704.62	
240	823.87	868.13	
245	981.45	1033.09	
250	1136.19	1195.22	
255	1285.47	1351.71	
260	1427.37	1500.51	
265	1560.44	1640.08	
270	1683.56	1769.24	
275	1795.88	1887.08	
280	1896.73	1992.91	
285	1985.68	2086.24	
290	2062.39	2166.73	
295	2126.66	2234.18	
300	2178.39	2288.47	
305	2217.51	2329.53	
310	2244.01	2357.34	
315	2257.89	2371.91	
320	2259.15	2373.23	
325	2247.80	2361.31	
330	2223.82	2336.15	
335	2187.22	2297.74	
340	2138.01	2246.10	
345	2076.24	2181.27	
350	2002.01	2103.37	
355	1915.49	2012.58	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission