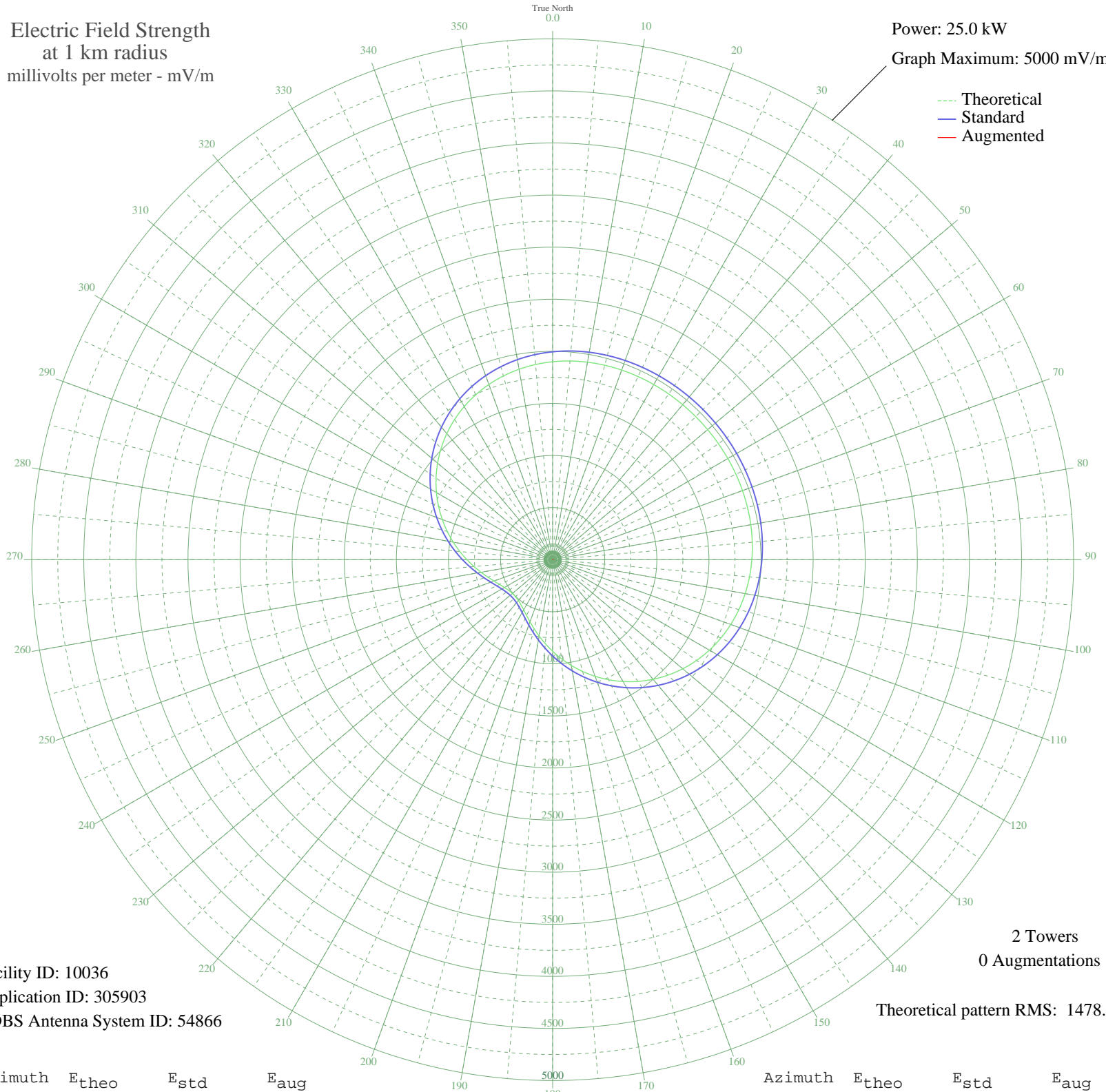


# ZYL-261 BELO HORIZON, - Brazil -- 570 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 10036  
Application ID: 305903  
CDBS Antenna System ID: 54866

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1478.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1899.81	1995.49	
5	1914.34	2010.74	
10	1924.87	2021.80	
15	1932.12	2029.40	
20	1936.77	2034.29	
25	1939.51	2037.16	
30	1940.92	2038.64	
35	1941.51	2039.27	
40	1941.69	2039.45	
45	1941.71	2039.47	
50	1941.71	2039.47	
55	1941.67	2039.43	
60	1941.44	2039.19	
65	1940.72	2038.43	
70	1939.08	2036.72	
75	1936.02	2033.50	
80	1930.90	2028.12	
85	1923.05	2019.89	
90	1911.77	2008.05	
95	1896.36	1991.87	
100	1876.15	1970.65	
105	1850.53	1943.77	
110	1819.04	1910.71	
115	1781.31	1871.11	
120	1737.16	1824.77	
125	1686.58	1771.68	
130	1629.75	1712.04	
135	1567.06	1646.25	
140	1499.08	1574.91	
145	1426.56	1498.80	
150	1350.39	1418.89	
155	1271.62	1336.24	
160	1191.36	1252.03	
165	1110.80	1167.52	
170	1031.14	1083.96	
175	953.57	1002.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	879.26	924.71	
185	809.29	851.37	
190	744.66	783.66	
195	686.29	722.51	
200	634.95	668.77	
205	591.33	623.11	
210	555.98	586.13	
215	529.32	558.26	
220	511.70	539.84	
225	503.30	531.07	
230	504.23	532.04	
235	514.49	542.76	
240	533.94	563.09	
245	562.36	592.81	
250	599.41	631.57	
255	644.62	678.89	
260	697.42	734.17	
265	757.11	796.70	
270	822.88	865.62	
275	893.80	939.96	
280	968.86	1018.65	
285	1046.94	1100.54	
290	1126.88	1184.39	
295	1207.48	1268.94	
300	1287.53	1352.93	
305	1365.87	1435.12	
310	1441.38	1514.36	
315	1513.06	1589.59	
320	1580.04	1659.87	
325	1641.60	1724.48	
330	1697.20	1782.84	
335	1746.51	1834.58	
340	1789.37	1879.57	
345	1825.83	1917.84	
350	1856.11	1949.63	
355	1880.60	1975.33	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission