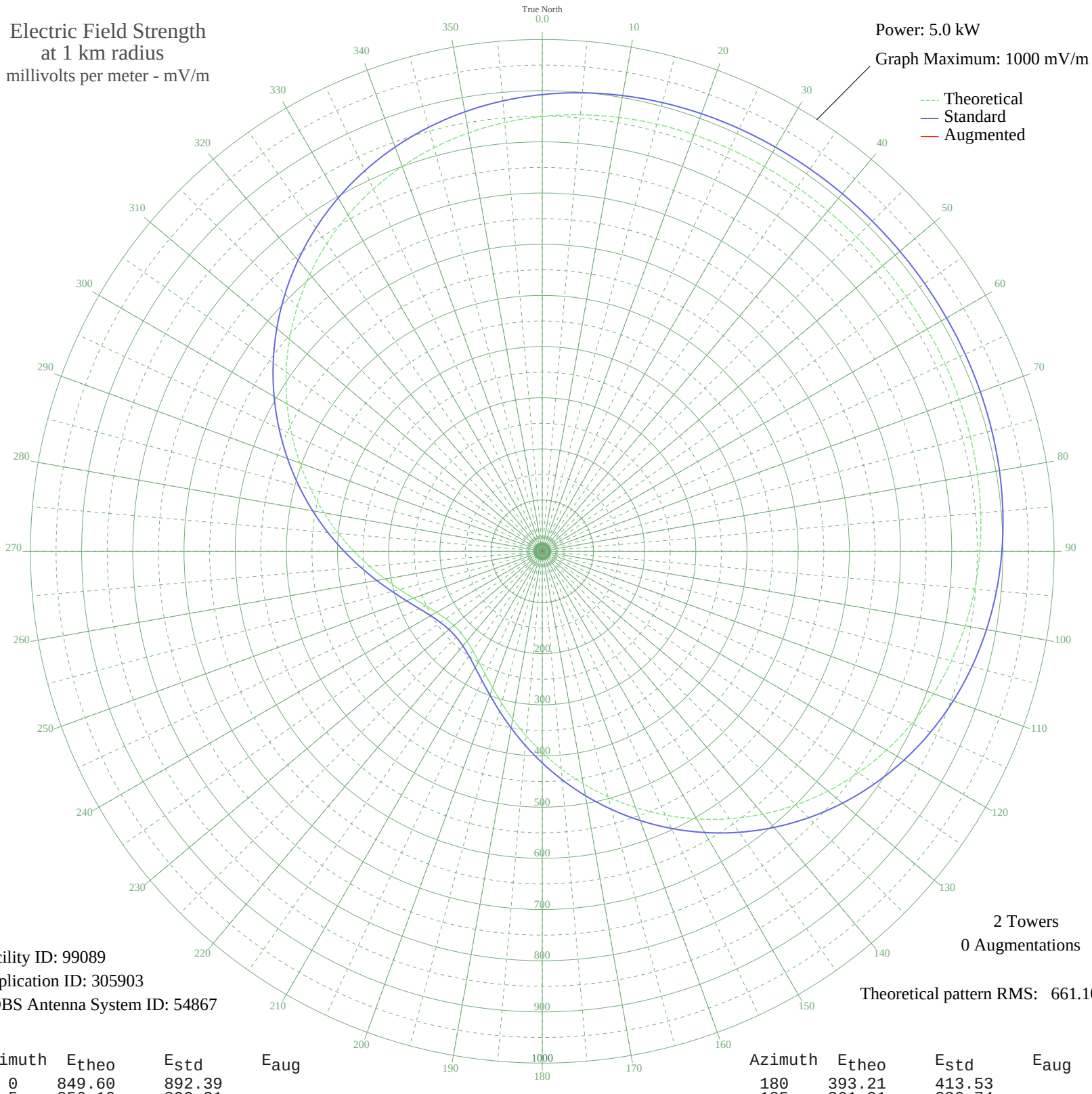
ZYL-261 BELO HORIZON, - Brazil -- 570 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 99089
Application ID: 305903
CDBS Antenna System ID: 54867

Theoretical pattern RMS: 661.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	849.60	892.39	
5	856.10	899.21	
10	860.81	904.15	
15	864.05	907.55	
20	866.13	909.74	
25	867.35	911.02	
30	867.98	911.69	
35	868.25	911.97	
40	868.33	912.05	
45	868.34	912.06	
50	868.34	912.06	
55	868.32	912.04	
60	868.22	911.93	
65	867.89	911.59	
70	867.16	910.83	
75	865.79	909.39	
80	863.50	906.98	
85	859.99	903.30	
90	854.95	898.01	
95	848.06	890.77	
100	839.02	881.28	
105	827.56	869.26	
110	813.48	854.48	
115	796.61	836.77	
120	776.86	816.04	
125	754.24	792.30	
130	728.83	765.63	
135	700.79	736.21	
140	670.39	704.30	
145	637.96	670.27	
150	603.90	634.53	
155	568.67	597.57	
160	532.78	559.91	
165	496.75	522.12	
170	461.13	484.75	
175	426.44	448.38	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	393.21	413.53	
185	361.91	380.74	
190	333.02	350.45	
195	306.91	323.11	
200	283.95	299.07	
205	264.45	278.66	
210	248.63	262.12	
215	236.72	249.66	
220	228.83	241.42	
225	225.08	237.49	
230	225.49	237.93	
235	230.08	242.72	
240	238.78	251.82	
245	251.49	265.11	
250	268.06	282.44	
255	288.28	303.60	
260	311.89	328.33	
265	338.58	356.29	
270	368.00	387.11	
275	399.71	420.35	
280	433.28	455.55	
285	468.19	492.16	
290	503.94	529.66	
295	539.99	567.47	
300	575.79	605.03	
305	610.82	641.79	
310	644.59	677.23	
315	676.65	710.87	
320	706.60	742.30	
325	734.13	771.19	
330	758.99	797.29	
335	781.04	820.43	
340	800.21	840.55	
345	816.52	857.66	
350	830.06	871.88	
355	841.01	883.37	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission