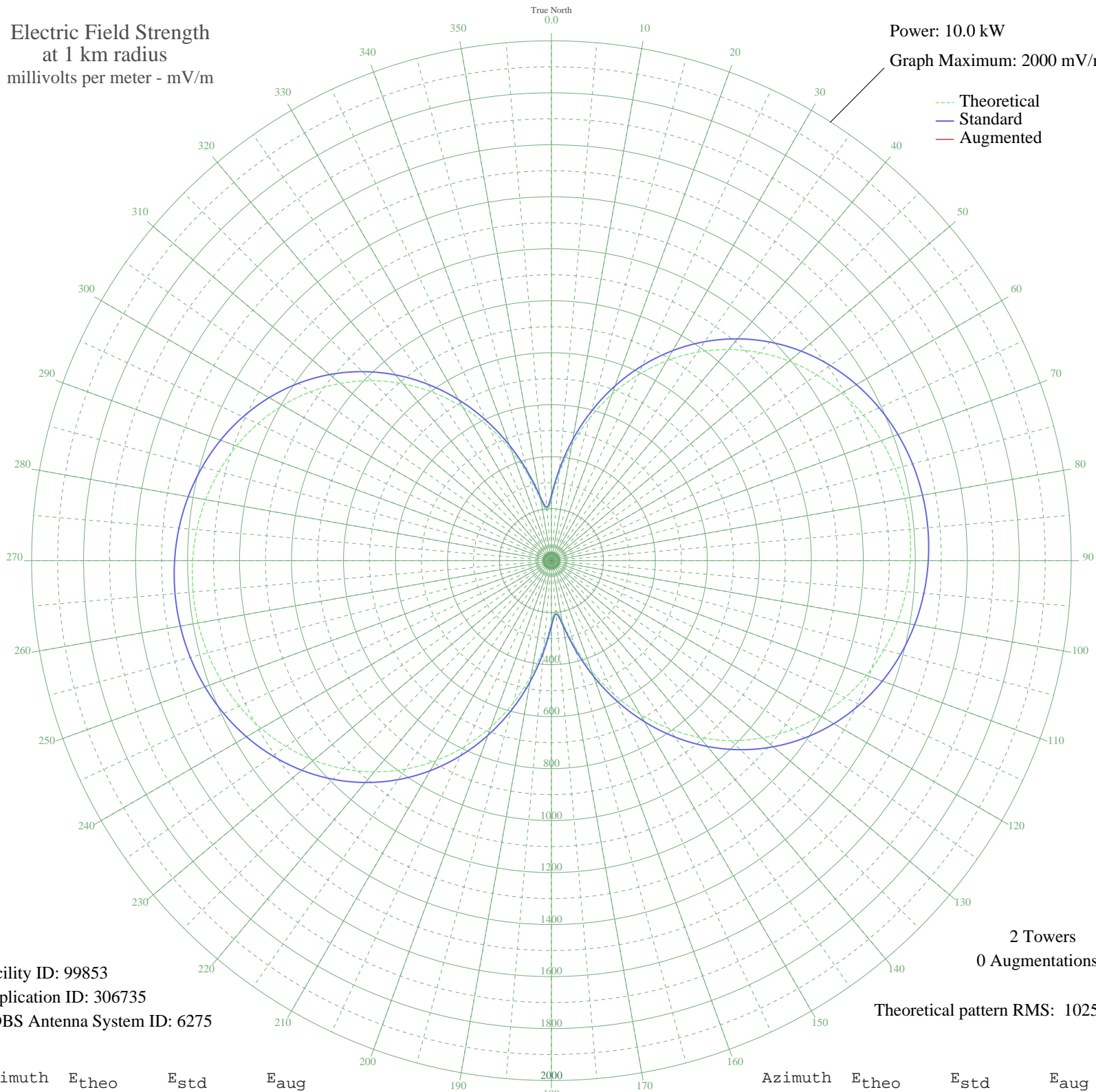


# ZYL-246 UBERLANDIA, - Brazil -- 780 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99853  
Application ID: 306735  
CDBS Antenna System ID: 6275

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1025.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	237.29	251.36	
5	335.02	353.34	
10	449.51	473.15	
15	566.56	595.82	
20	680.42	715.22	
25	788.16	828.24	
30	888.04	933.03	
35	978.99	1028.48	
40	1060.44	1113.95	
45	1132.13	1189.20	
50	1194.11	1254.26	
55	1246.60	1309.35	
60	1289.97	1354.87	
65	1324.63	1391.26	
70	1351.03	1418.97	
75	1369.57	1438.43	
80	1380.55	1449.96	
85	1384.19	1453.78	
90	1380.55	1449.96	
95	1369.57	1438.43	
100	1351.03	1418.97	
105	1324.63	1391.26	
110	1289.97	1354.87	
115	1246.60	1309.36	
120	1194.11	1254.26	
125	1132.14	1189.21	
130	1060.44	1113.96	
135	978.99	1028.48	
140	888.04	933.03	
145	788.16	828.24	
150	680.43	715.22	
155	566.56	595.82	
160	449.51	473.15	
165	335.03	353.34	
170	237.29	251.36	
175	193.16	205.52	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	237.29	251.36	
185	335.03	353.34	
190	449.51	473.16	
195	566.56	595.82	
200	680.43	715.22	
205	788.16	828.24	
210	888.04	933.03	
215	978.99	1028.48	
220	1060.44	1113.96	
225	1132.14	1189.21	
230	1194.11	1254.26	
235	1246.60	1309.36	
240	1289.97	1354.87	
245	1324.63	1391.26	
250	1351.03	1418.97	
255	1369.57	1438.43	
260	1380.56	1449.96	
265	1384.19	1453.78	
270	1380.56	1449.96	
275	1369.57	1438.43	
280	1351.03	1418.97	
285	1324.63	1391.26	
290	1289.97	1354.87	
295	1246.60	1309.36	
300	1194.11	1254.26	
305	1132.14	1189.21	
310	1060.44	1113.96	
315	978.99	1028.48	
320	888.04	933.03	
325	788.16	828.24	
330	680.43	715.22	
335	566.56	595.82	
340	449.51	473.16	
345	335.03	353.34	
350	237.29	251.36	
355	193.16	205.52	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission