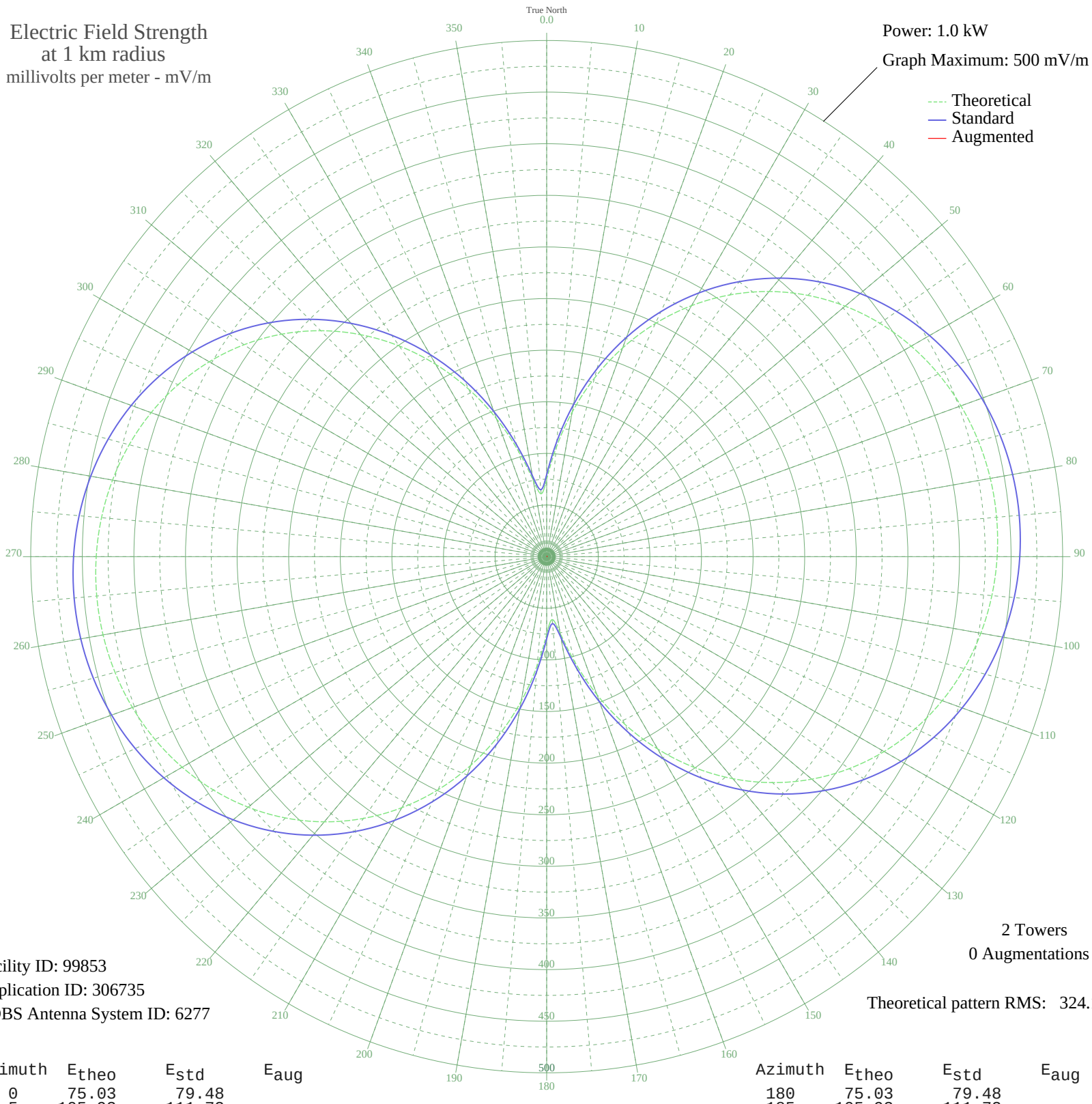
ZYL-246 UBERLANDIA, - Brazil -- 780 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 99853
Application ID: 306735
CDBS Antenna System ID: 6277

Theoretical pattern RMS: 324.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	75.03	79.48	
5	105.93	111.72	
10	142.13	149.61	
15	179.14	188.39	
20	215.15	226.15	
25	249.21	261.88	
30	280.79	295.02	
35	309.55	325.20	
40	335.31	352.23	
45	357.98	376.02	
50	377.57	396.59	
55	394.17	414.01	
60	407.88	428.40	
65	418.84	439.91	
70	427.19	448.67	
75	433.05	454.82	
80	436.52	458.47	
85	437.68	459.68	
90	436.52	458.47	
95	433.05	454.82	
100	427.19	448.67	
105	418.84	439.91	
110	407.88	428.40	
115	394.17	414.01	
120	377.57	396.59	
125	357.98	376.02	
130	335.31	352.23	
135	309.55	325.20	
140	280.79	295.02	
145	249.21	261.88	
150	215.15	226.15	
155	179.14	188.39	
160	142.13	149.61	
165	105.93	111.72	
170	75.03	79.48	
175	61.08	64.98	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	75.03	79.48	
185	105.93	111.72	
190	142.13	149.61	
195	179.14	188.39	
200	215.15	226.15	
205	249.21	261.88	
210	280.79	295.02	
215	309.55	325.20	
220	335.31	352.23	
225	357.98	376.02	
230	377.57	396.59	
235	394.17	414.01	
240	407.88	428.40	
245	418.84	439.91	
250	427.19	448.67	
255	433.05	454.82	
260	436.52	458.47	
265	437.68	459.68	
270	436.52	458.47	
275	433.05	454.82	
280	427.19	448.67	
285	418.84	439.91	
290	407.88	428.40	
295	394.17	414.01	
300	377.57	396.59	
305	357.98	376.02	
310	335.31	352.23	
315	309.55	325.20	
320	280.79	295.02	
325	249.21	261.88	
330	215.15	226.15	
335	179.14	188.39	
340	142.13	149.61	
345	105.93	111.72	
350	75.03	79.48	
355	61.08	64.98	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission