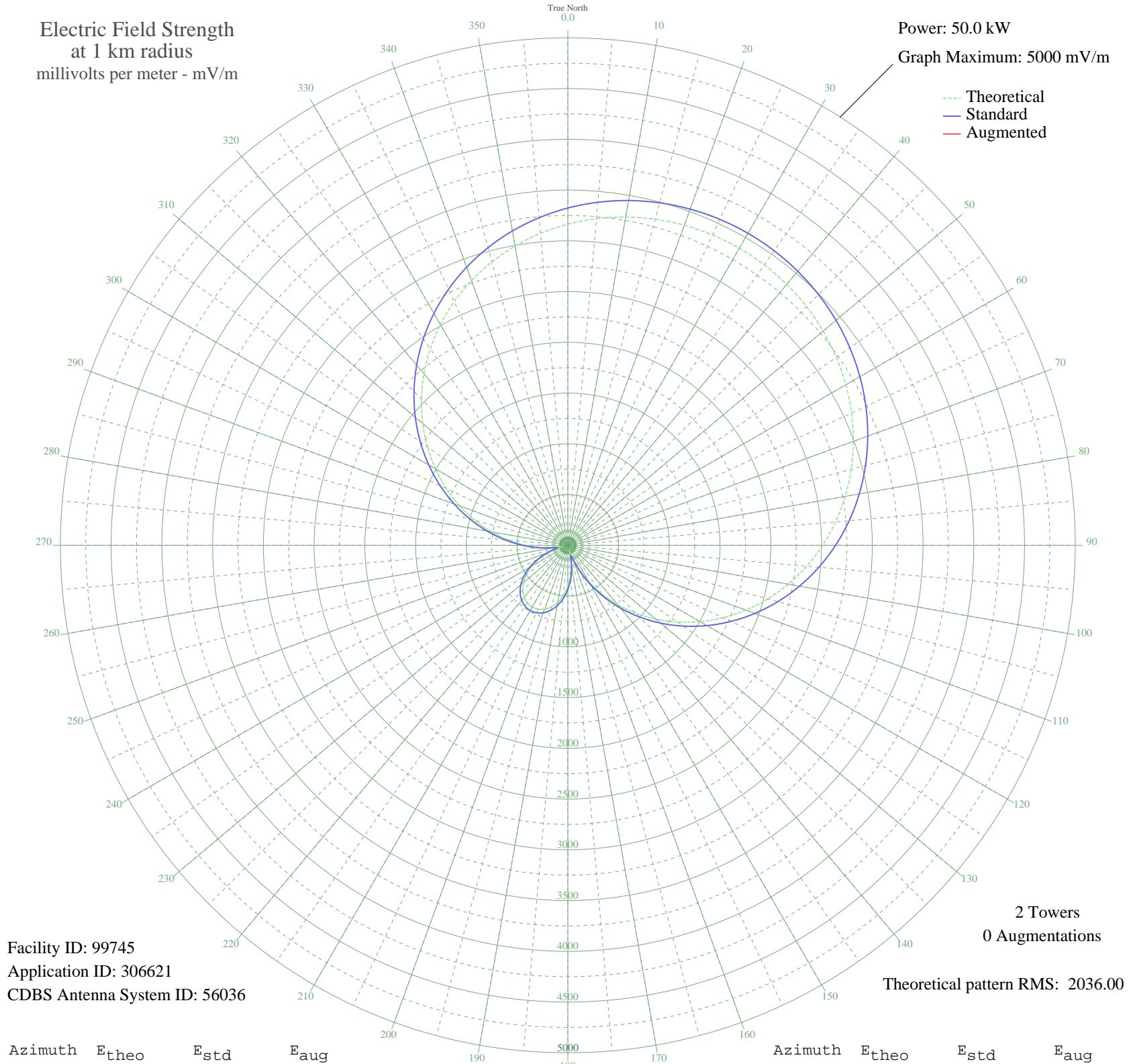


# ZYL213 CONTAGEM, - Brazil -- 750 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99745  
Application ID: 306621  
CDBS Antenna System ID: 56036

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2036.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3163.49	3322.83	
5	3229.87	3392.51	
10	3284.01	3449.33	
15	3325.97	3493.38	
20	3355.87	3524.76	
25	3373.77	3543.55	
30	3379.73	3549.80	
35	3373.77	3543.55	
40	3355.87	3524.76	
45	3325.97	3493.38	
50	3284.01	3449.33	
55	3229.87	3392.51	
60	3163.49	3322.83	
65	3084.82	3240.25	
70	2993.87	3144.79	
75	2890.74	3036.55	
80	2775.65	2915.76	
85	2648.97	2782.81	
90	2511.22	2638.25	
95	2363.09	2482.80	
100	2205.47	2317.42	
105	2039.44	2143.22	
110	1866.24	1961.53	
115	1687.29	1773.84	
120	1504.15	1581.81	
125	1318.51	1387.22	
130	1132.11	1191.96	
135	946.78	998.00	
140	764.36	807.38	
145	586.70	622.28	
150	415.71	445.27	
155	253.63	280.46	
160	106.07	141.91	
165	68.46	113.59	
170	186.73	214.89	
175	302.72	329.80	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	406.11	435.39	
185	495.13	527.28	
190	568.90	603.79	
195	626.82	664.02	
200	668.47	707.39	
205	693.57	733.54	
210	701.96	742.28	
215	693.57	733.54	
220	668.47	707.39	
225	626.82	664.02	
230	568.90	603.79	
235	495.13	527.28	
240	406.11	435.39	
245	302.72	329.80	
250	186.73	214.89	
255	68.46	113.59	
260	106.07	141.91	
265	253.63	280.46	
270	415.71	445.27	
275	586.70	622.28	
280	764.36	807.38	
285	946.78	998.00	
290	1132.11	1191.96	
295	1318.51	1387.22	
300	1504.15	1581.81	
305	1687.29	1773.84	
310	1866.24	1961.53	
315	2039.44	2143.22	
320	2205.47	2317.42	
325	2363.09	2482.80	
330	2511.22	2638.25	
335	2648.97	2782.81	
340	2775.65	2915.76	
345	2890.74	3036.55	
350	2993.87	3144.79	
355	3084.82	3240.25	

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