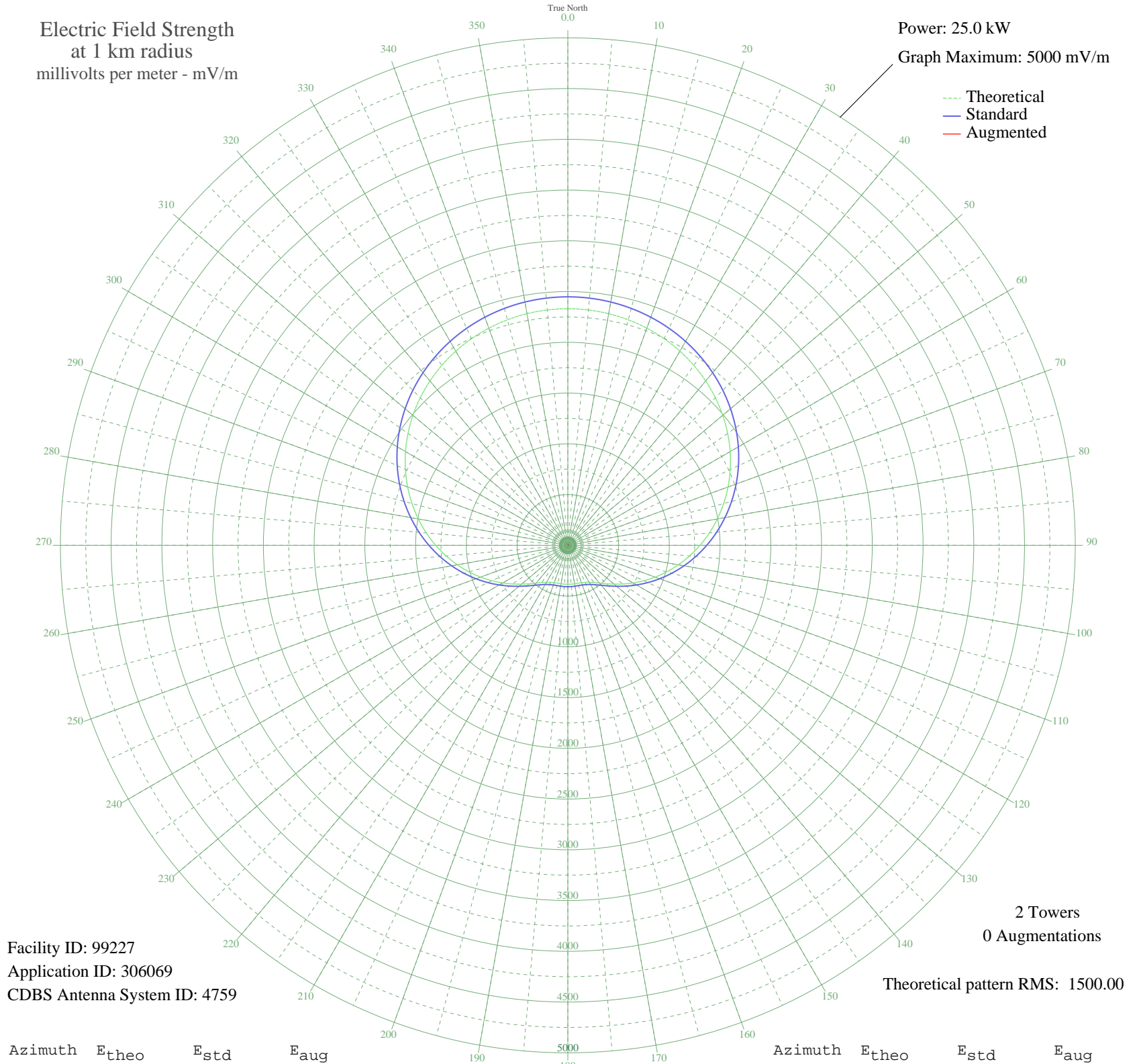


# ZYL-268 NOVA LIMA, - Brazil -- 610 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99227  
Application ID: 306069  
CDBS Antenna System ID: 4759

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1500.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2330.82	2448.13	
5	2327.43	2444.57	
10	2317.25	2433.88	
15	2300.28	2416.07	
20	2276.51	2391.11	
25	2245.92	2359.01	
30	2208.53	2319.77	
35	2164.38	2273.42	
40	2113.54	2220.06	
45	2056.12	2159.79	
50	1992.31	2092.82	
55	1922.38	2019.43	
60	1846.66	1939.96	
65	1765.59	1854.88	
70	1679.71	1764.75	
75	1589.63	1670.23	
80	1496.11	1572.10	
85	1399.96	1471.23	
90	1302.12	1368.59	
95	1203.60	1265.26	
100	1105.49	1162.38	
105	1008.96	1061.17	
110	915.25	962.96	
115	825.65	869.08	
120	741.50	780.98	
125	664.20	700.09	
130	595.11	627.85	
135	535.48	565.58	
140	486.30	514.27	
145	448.04	474.41	
150	420.42	445.66	
155	402.27	426.79	
160	391.72	415.83	
165	386.54	410.45	
170	384.57	408.41	
175	384.11	407.93	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	384.08	407.90	
185	384.11	407.93	
190	384.57	408.41	
195	386.54	410.45	
200	391.72	415.83	
205	402.27	426.79	
210	420.42	445.66	
215	448.04	474.41	
220	486.30	514.27	
225	535.48	565.58	
230	595.11	627.85	
235	664.20	700.09	
240	741.50	780.98	
245	825.65	869.08	
250	915.25	962.96	
255	1008.96	1061.17	
260	1105.49	1162.38	
265	1203.60	1265.26	
270	1302.12	1368.59	
275	1399.96	1471.23	
280	1496.11	1572.10	
285	1589.63	1670.23	
290	1679.71	1764.75	
295	1765.59	1854.88	
300	1846.66	1939.96	
305	1922.38	2019.43	
310	1992.31	2092.82	
315	2056.12	2159.79	
320	2113.54	2220.06	
325	2164.38	2273.42	
330	2208.53	2319.77	
335	2245.92	2359.01	
340	2276.51	2391.11	
345	2300.28	2416.07	
350	2317.25	2433.88	
355	2327.43	2444.57	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission