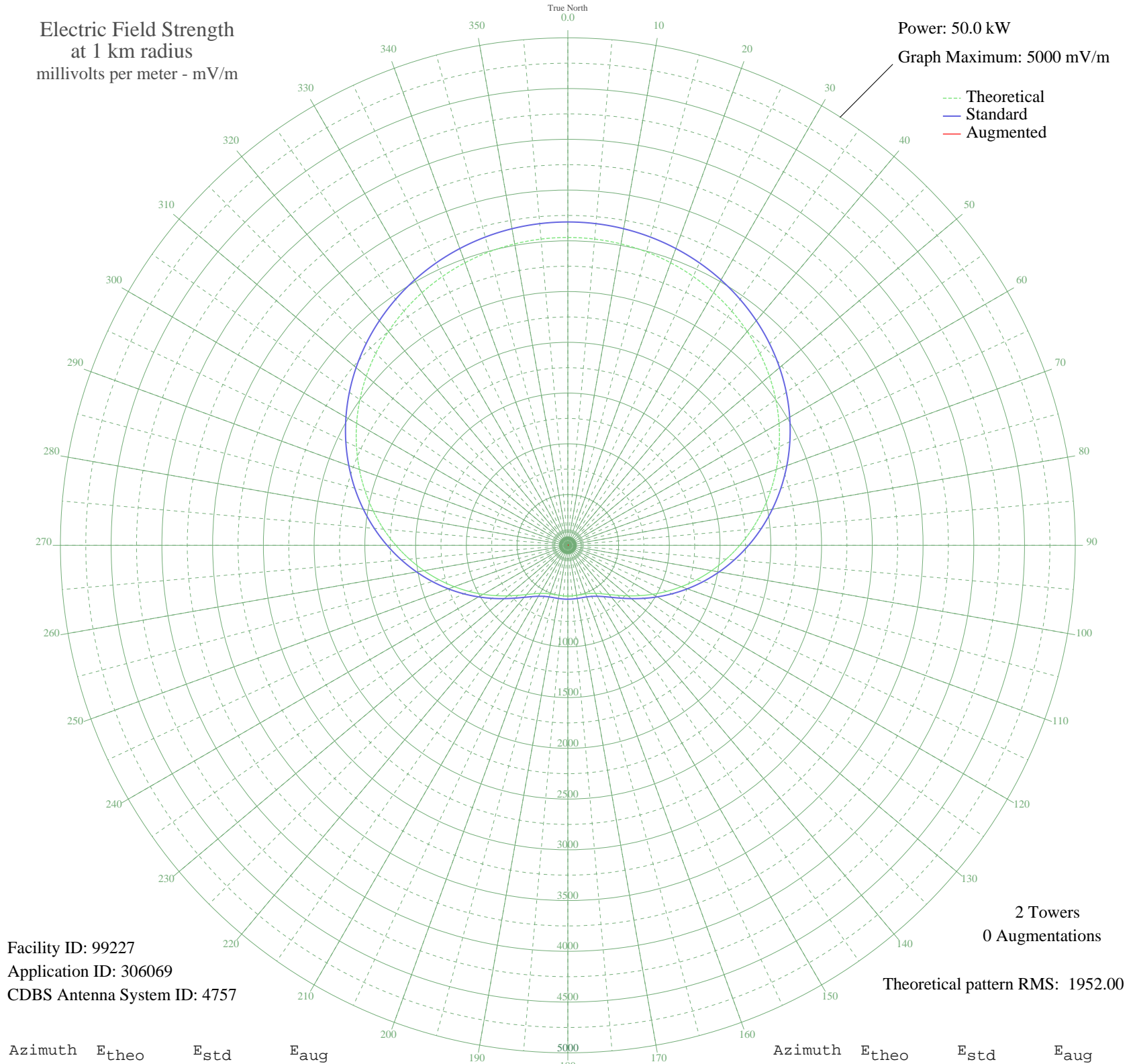


ZYL-268 NOVA LIMA, - Brazil -- 610 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 99227
Application ID: 306069
CDBS Antenna System ID: 4757

2 Towers
0 Augmentations

Theoretical pattern RMS: 1952.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3033.17	3185.83	
5	3028.76	3181.20	
10	3015.52	3167.30	
15	2993.43	3144.11	
20	2962.49	3111.64	
25	2922.69	3069.86	
30	2874.04	3018.79	
35	2816.58	2958.48	
40	2750.41	2889.03	
45	2675.69	2810.61	
50	2592.66	2723.46	
55	2501.66	2627.95	
60	2403.12	2524.54	
65	2297.63	2413.82	
70	2185.86	2296.53	
75	2068.64	2173.53	
80	1946.93	2045.83	
85	1821.82	1914.56	
90	1694.49	1781.00	
95	1566.28	1646.52	
100	1438.61	1512.64	
105	1312.99	1380.94	
110	1191.04	1253.13	
115	1074.44	1130.97	
120	964.94	1016.32	
125	864.35	911.05	
130	774.44	817.05	
135	696.84	736.00	
140	632.84	669.24	
145	583.05	617.36	
150	547.10	579.95	
155	523.49	555.40	
160	509.76	541.14	
165	503.01	534.13	
170	500.45	531.47	
175	499.86	530.85	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	499.82	530.81	
185	499.86	530.85	
190	500.45	531.47	
195	503.01	534.13	
200	509.76	541.14	
205	523.49	555.40	
210	547.10	579.95	
215	583.05	617.36	
220	632.84	669.24	
225	696.84	736.00	
230	774.44	817.05	
235	864.35	911.05	
240	964.94	1016.32	
245	1074.44	1130.97	
250	1191.04	1253.13	
255	1312.99	1380.94	
260	1438.61	1512.64	
265	1566.28	1646.52	
270	1694.49	1781.00	
275	1821.82	1914.56	
280	1946.93	2045.83	
285	2068.64	2173.53	
290	2185.86	2296.53	
295	2297.63	2413.82	
300	2403.12	2524.54	
305	2501.66	2627.95	
310	2592.66	2723.46	
315	2675.69	2810.61	
320	2750.41	2889.03	
325	2816.58	2958.48	
330	2874.04	3018.79	
335	2922.69	3069.86	
340	2962.49	3111.64	
345	2993.43	3144.11	
350	3015.52	3167.30	
355	3028.76	3181.20	

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 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission