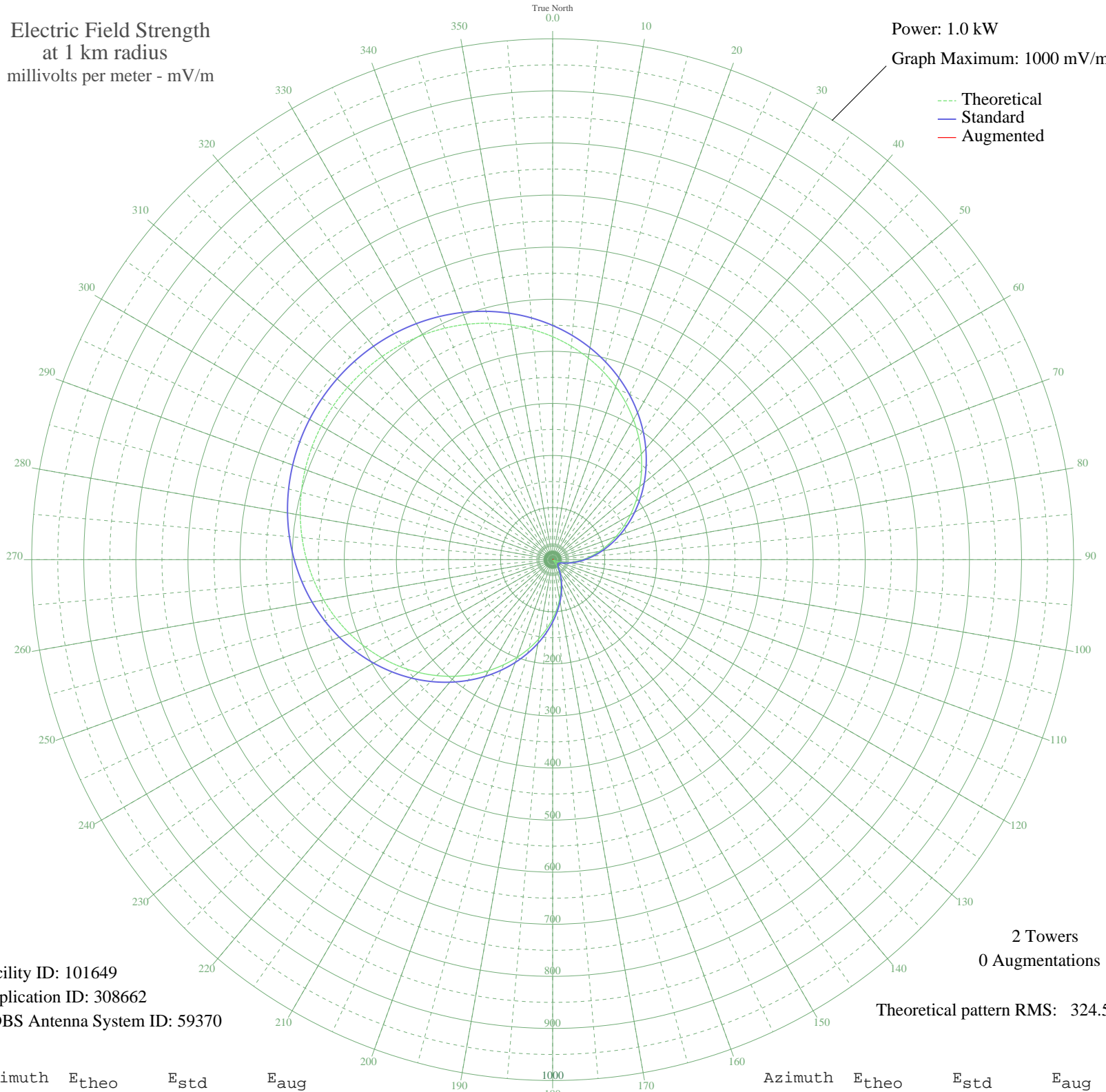


# ZYL-267 NOVA LIMA, - Brazil -- 1110 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 101649  
Application ID: 308662  
CDBS Antenna System ID: 59370

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 324.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	428.09	449.70	
5	411.31	432.09	
10	393.24	413.12	
15	373.97	392.90	
20	353.62	371.55	
25	332.34	349.22	
30	310.28	326.08	
35	287.63	302.31	
40	264.57	278.12	
45	241.31	253.73	
50	218.05	229.35	
55	195.02	205.22	
60	172.43	181.55	
65	150.49	158.59	
70	129.42	136.56	
75	109.40	115.66	
80	90.63	96.11	
85	73.27	78.11	
90	57.48	61.84	
95	43.39	47.52	
100	31.13	35.37	
105	20.80	25.68	
110	12.48	18.82	
115	6.24	15.01	
120	2.13	13.69	
125	0.17	13.51	
130	0.39	13.51	
135	2.78	13.82	
140	7.32	15.54	
145	13.98	19.95	
150	22.71	27.40	
155	33.43	37.61	
160	46.07	50.22	
165	60.50	64.95	
170	76.62	81.57	
175	94.27	99.90	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	113.31	119.74	
185	133.55	140.88	
190	154.82	163.12	
195	176.90	186.24	
200	199.60	210.01	
205	222.69	234.21	
210	245.96	258.62	
215	269.20	282.99	
220	292.20	307.10	
225	314.75	330.76	
230	336.66	353.75	
235	357.77	375.90	
240	377.91	397.04	
245	396.95	417.02	
250	414.78	435.73	
255	431.29	453.05	
260	446.40	468.92	
265	460.07	483.26	
270	472.24	496.04	
275	482.90	507.22	
280	492.01	516.78	
285	499.57	524.73	
290	505.59	531.04	
295	510.06	535.73	
300	512.98	538.80	
305	514.37	540.26	
310	514.22	540.10	
315	512.52	538.32	
320	509.29	534.92	
325	504.51	529.91	
330	498.18	523.27	
335	490.31	515.00	
340	480.89	505.11	
345	469.93	493.61	
350	457.46	480.52	
355	443.49	465.87	

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