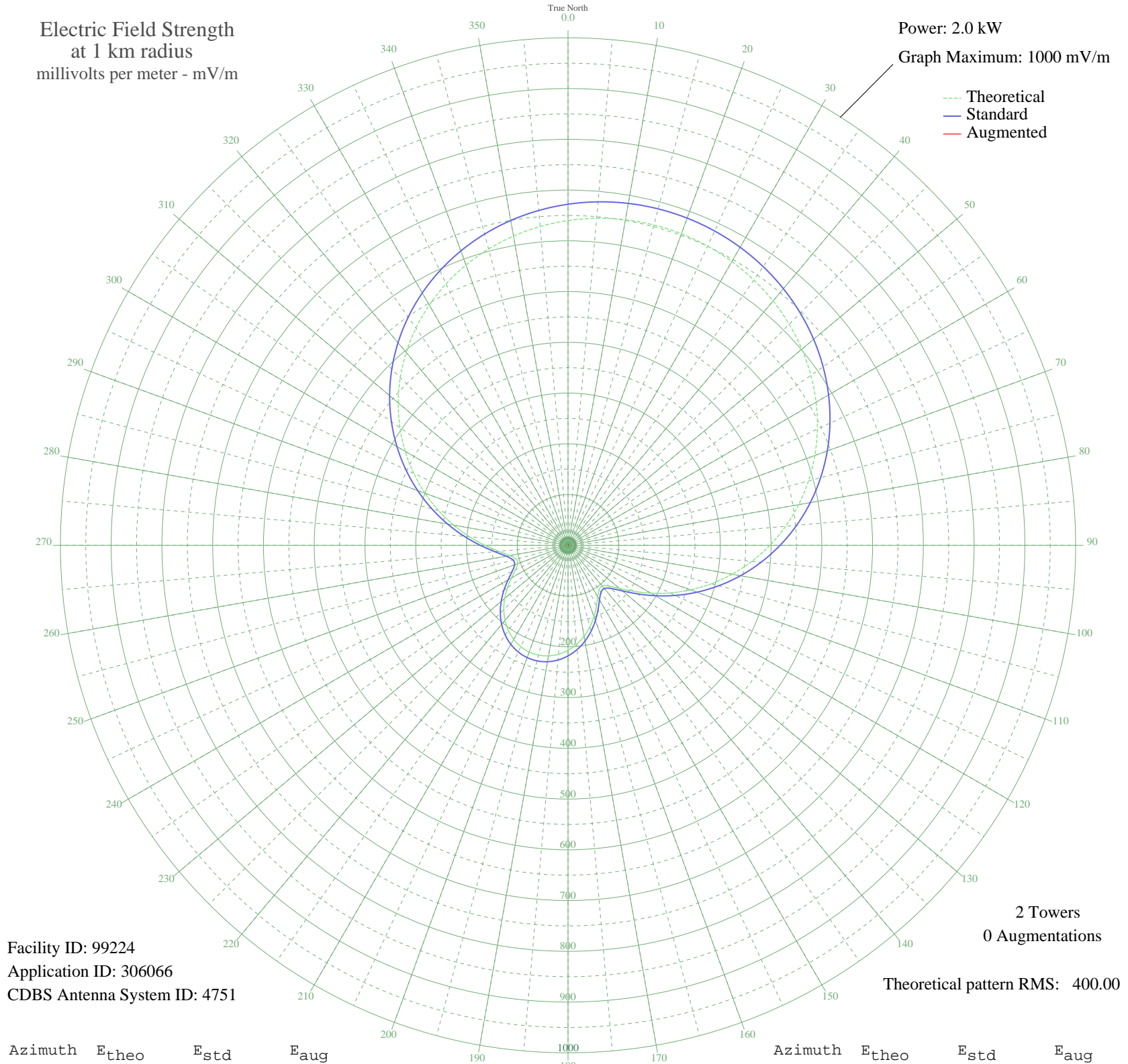


ZYH786 LUZIANIA, - Brazil -- 610 kHz

Nighttime

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

Power: 2.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 99224
Application ID: 306066
CDBS Antenna System ID: 4751

2 Towers
0 Augmentations
Theoretical pattern RMS: 400.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	639.90	672.10	
5	646.82	679.36	
10	651.33	684.10	
15	653.47	686.34	
20	653.23	686.09	
25	650.62	683.35	
30	645.63	678.11	
35	638.23	670.35	
40	628.40	660.03	
45	616.10	647.12	
50	601.32	631.61	
55	584.04	613.47	
60	564.27	592.71	
65	542.02	569.37	
70	517.38	543.50	
75	490.43	515.22	
80	461.33	484.68	
85	430.28	452.10	
90	397.52	417.73	
95	363.38	381.91	
100	328.24	345.05	
105	292.54	307.62	
110	256.85	270.20	
115	221.86	233.54	
120	188.47	198.59	
125	157.95	166.67	
130	132.11	139.70	
135	113.49	120.31	
140	104.73	111.21	
145	106.66	113.22	
150	117.05	124.02	
155	132.26	139.86	
160	149.31	157.65	
165	166.26	175.36	
170	181.94	191.76	
175	195.64	206.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	206.93	217.91	
185	215.51	226.90	
190	221.22	232.87	
195	223.94	235.72	
200	223.64	235.41	
205	220.31	231.92	
210	214.02	225.34	
215	204.88	215.77	
220	193.09	203.42	
225	178.94	188.62	
230	162.94	171.89	
235	145.86	154.05	
240	128.99	136.46	
245	114.47	121.33	
250	105.49	112.00	
255	105.61	112.12	
260	116.49	123.44	
265	136.79	144.58	
270	163.74	172.73	
275	194.97	205.39	
280	228.76	240.77	
285	263.96	277.65	
290	299.70	315.12	
295	335.33	352.48	
300	370.31	389.17	
305	404.20	424.73	
310	436.63	458.77	
315	467.31	490.96	
320	496.00	521.06	
325	522.49	548.87	
330	546.67	574.24	
335	568.42	597.07	
340	587.70	617.31	
345	604.48	634.92	
350	618.76	649.91	
355	630.56	662.30	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission