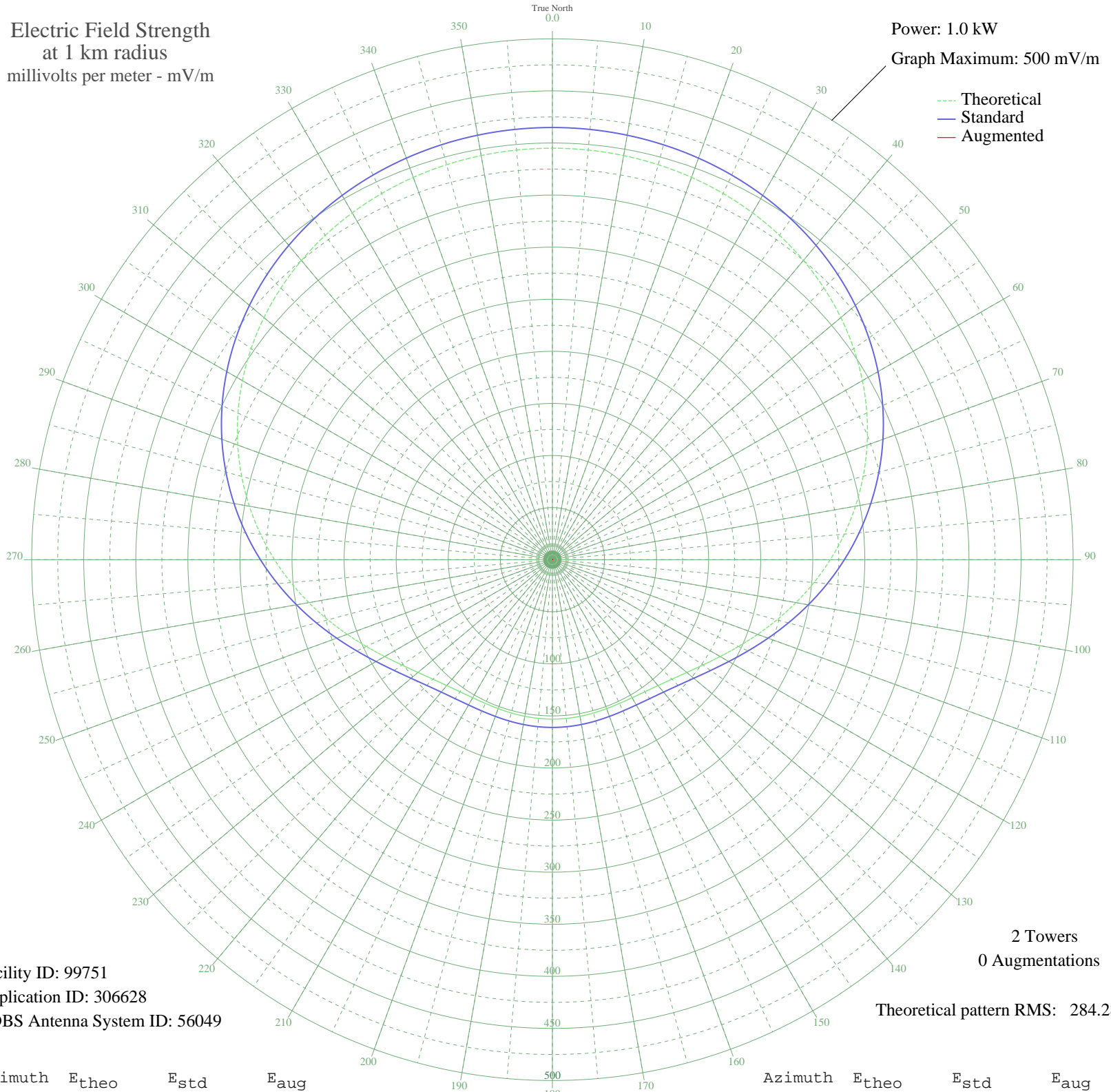


ZYK642 RIBEIRAO PRE, - Brazil -- 750 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 99751
Application ID: 306628
CDBS Antenna System ID: 56049

2 Towers
0 Augmentations

Theoretical pattern RMS: 284.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	394.98	414.86	
5	394.71	414.58	
10	393.90	413.73	
15	392.53	412.29	
20	390.53	410.19	
25	387.86	407.38	
30	384.42	403.78	
35	380.15	399.29	
40	374.96	393.85	
45	368.77	387.35	
50	361.53	379.75	
55	353.18	370.99	
60	343.72	361.06	
65	333.15	349.96	
70	321.52	337.76	
75	308.92	324.53	
80	295.48	310.43	
85	281.38	295.64	
90	266.84	280.38	
95	252.10	264.91	
100	237.44	249.54	
105	223.19	234.58	
110	209.65	220.39	
115	197.15	207.28	
120	185.97	195.55	
125	176.35	185.46	
130	168.42	177.16	
135	162.26	170.69	
140	157.77	165.99	
145	154.80	162.88	
150	153.07	161.07	
155	152.30	160.25	
160	152.15	160.11	
165	152.36	160.33	
170	152.69	160.67	
175	152.96	160.95	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	153.06	161.05	
185	152.96	160.95	
190	152.69	160.67	
195	152.36	160.33	
200	152.15	160.11	
205	152.30	160.25	
210	153.07	161.07	
215	154.80	162.88	
220	157.77	165.99	
225	162.26	170.69	
230	168.42	177.16	
235	176.35	185.46	
240	185.97	195.55	
245	197.15	207.28	
250	209.65	220.39	
255	223.19	234.58	
260	237.44	249.54	
265	252.10	264.91	
270	266.84	280.38	
275	281.38	295.64	
280	295.48	310.43	
285	308.92	324.53	
290	321.52	337.76	
295	333.15	349.96	
300	343.72	361.06	
305	353.18	370.99	
310	361.53	379.75	
315	368.77	387.35	
320	374.96	393.85	
325	380.15	399.29	
330	384.42	403.78	
335	387.86	407.38	
340	390.53	410.19	
345	392.53	412.29	
350	393.90	413.73	
355	394.71	414.58	

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