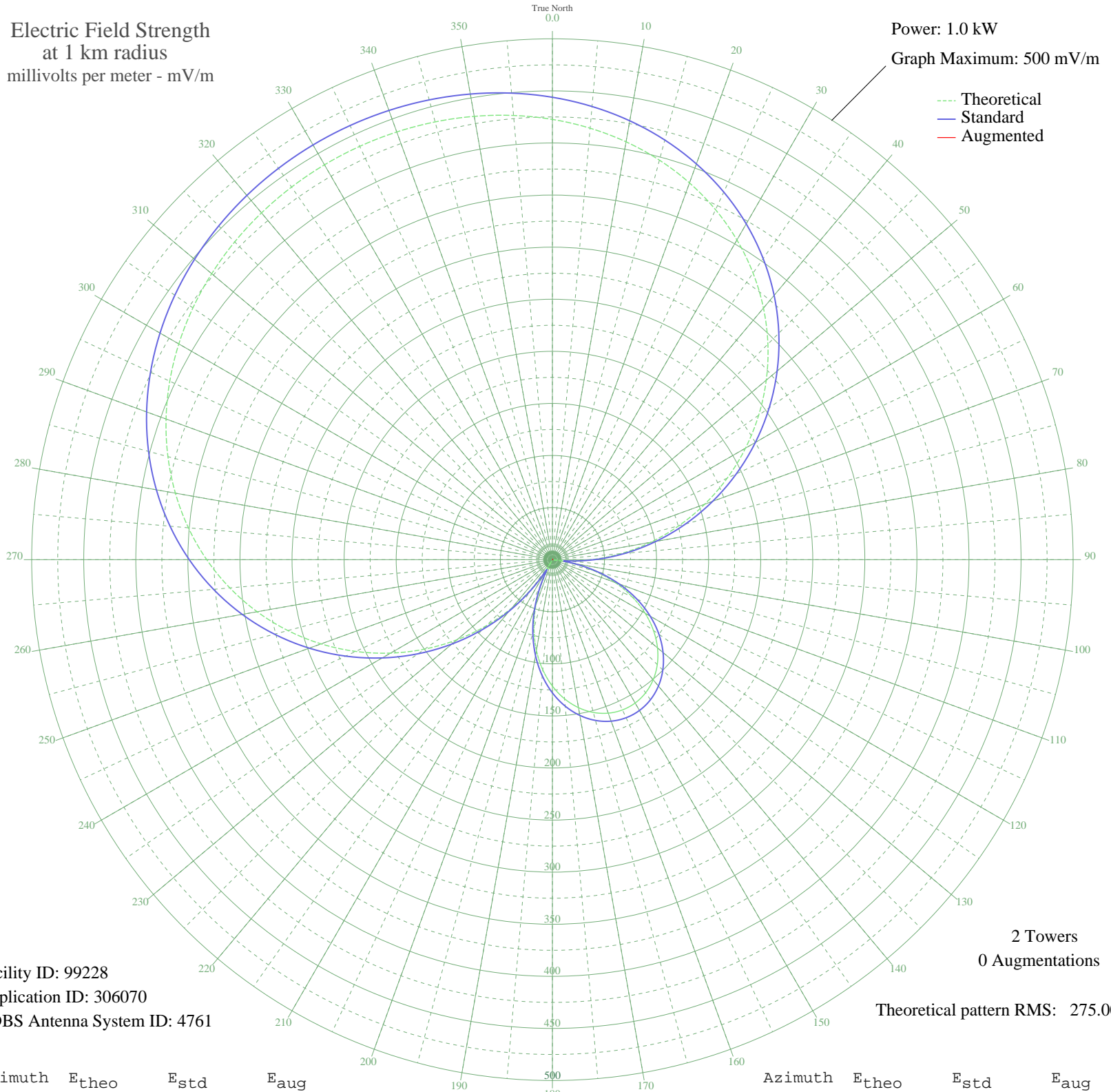


ZYK-726 PIRAJU, - Brazil -- 610 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 99228
Application ID: 306070
CDBS Antenna System ID: 4761

Theoretical pattern RMS: 275.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	422.64	443.89	
5	415.78	436.69	
10	407.30	427.80	
15	397.05	417.04	
20	384.89	404.27	
25	370.69	389.36	
30	354.37	372.24	
35	335.90	352.85	
40	315.30	331.23	
45	292.65	307.46	
50	268.08	281.69	
55	241.82	254.13	
60	214.11	225.06	
65	185.28	194.83	
70	155.66	163.78	
75	125.65	132.35	
80	95.63	100.96	
85	66.00	70.09	
90	37.13	40.38	
95	9.38	14.40	
100	16.93	20.64	
105	41.51	44.83	
110	64.13	68.15	
115	84.60	89.45	
120	102.76	108.41	
125	118.50	124.87	
130	131.74	138.72	
135	142.42	149.91	
140	150.52	158.40	
145	156.02	164.16	
150	158.90	167.17	
155	159.16	167.45	
160	156.80	164.98	
165	151.83	159.77	
170	144.25	151.83	
175	134.08	141.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	121.35	127.85	
185	106.10	111.90	
190	88.42	93.43	
195	68.40	72.59	
200	46.20	49.63	
205	21.99	25.36	
210	4.00	11.31	
215	31.48	34.68	
220	60.15	64.03	
225	89.66	94.73	
230	119.64	126.06	
235	149.68	157.52	
240	179.41	188.67	
245	208.43	219.10	
250	236.38	248.43	
255	262.96	276.31	
260	287.88	302.46	
265	310.93	326.64	
270	331.95	348.70	
275	350.85	368.54	
280	367.60	386.12	
285	382.21	401.46	
290	394.78	414.65	
295	405.40	425.80	
300	414.22	435.05	
305	421.39	442.58	
310	427.07	448.54	
315	431.42	453.11	
320	434.57	456.42	
325	436.63	458.59	
330	437.69	459.70	
335	437.79	459.80	
340	436.92	458.89	
345	435.07	456.94	
350	432.14	453.87	
355	428.04	449.56	

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