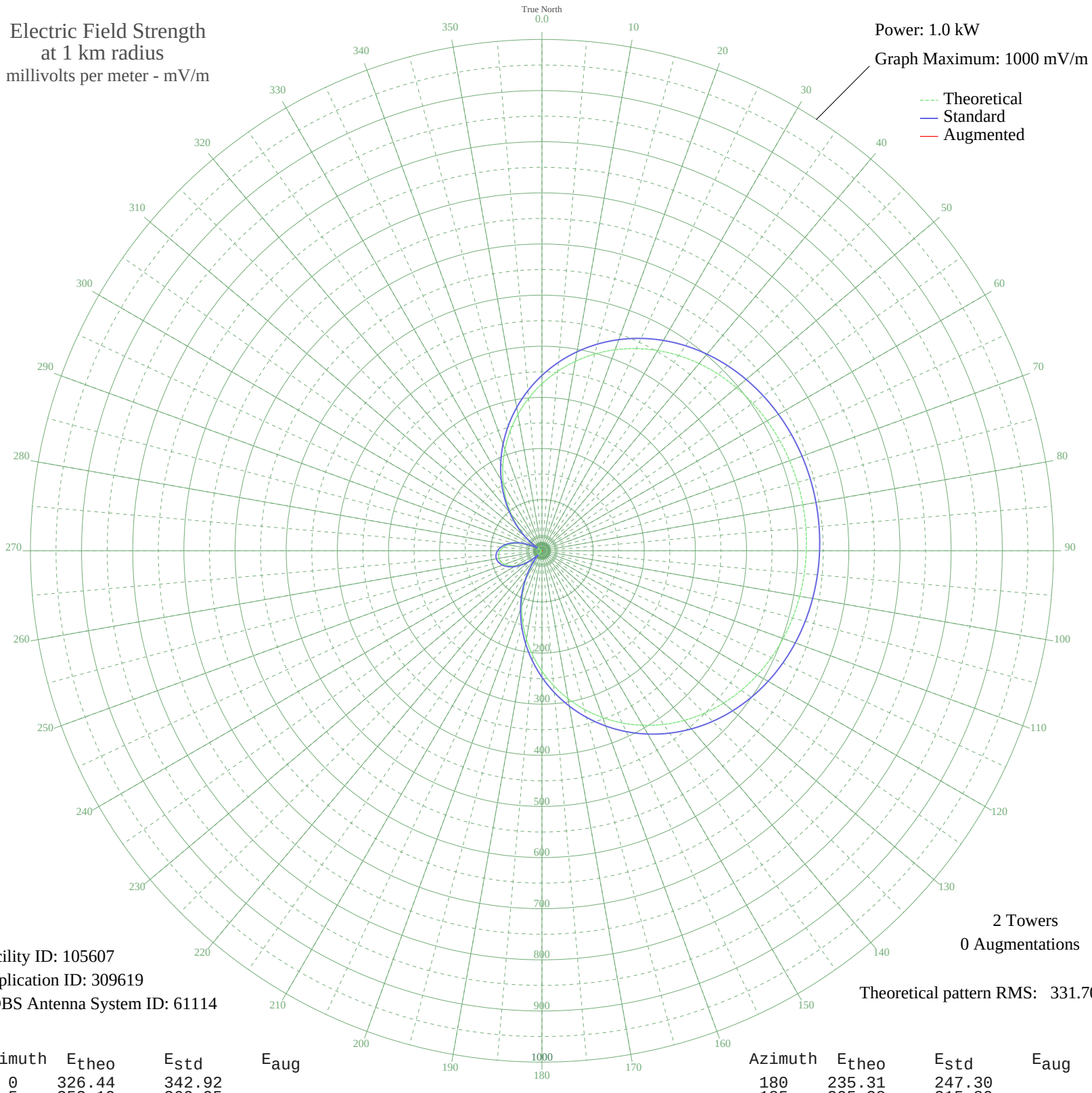
ZYK-317 URUGUAIANA, - Brazil -- 1210 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 105607
Application ID: 309619
CDBS Antenna System ID: 61114

Theoretical pattern RMS: 331.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	326.44	342.92	
5	352.19	369.95	
10	376.21	395.16	
15	398.31	418.36	
20	418.38	439.43	
25	436.36	458.30	
30	452.25	474.98	
35	466.09	489.51	
40	477.96	501.97	
45	487.98	512.48	
50	496.28	521.20	
55	503.02	528.28	
60	508.35	533.87	
65	512.40	538.12	
70	515.30	541.17	
75	517.15	543.11	
80	518.01	544.01	
85	517.91	543.91	
90	516.86	542.80	
95	514.81	540.65	
100	511.69	537.37	
105	507.39	532.86	
110	501.79	526.99	
115	494.75	519.60	
120	486.12	510.53	
125	475.74	499.63	
130	463.48	486.77	
135	449.24	471.82	
140	432.94	454.70	
145	414.53	435.39	
150	394.05	413.88	
155	371.55	390.27	
160	347.17	364.68	
165	321.10	337.32	
170	293.57	308.42	
175	264.86	278.30	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	235.31	247.30	
185	205.28	215.80	
190	175.13	184.18	
195	145.24	152.86	
200	115.99	122.24	
205	87.74	92.72	
210	60.83	64.73	
215	35.55	38.78	
220	12.18	16.55	
225	9.04	14.16	
230	27.93	31.15	
235	44.33	47.71	
240	58.11	61.91	
245	69.17	73.38	
250	77.45	82.00	
255	82.90	87.67	
260	85.49	90.37	
265	85.20	90.07	
270	82.04	86.78	
275	76.02	80.51	
280	67.18	71.31	
285	55.56	59.28	
290	41.25	44.57	
295	24.35	27.64	
300	4.98	11.73	
305	16.69	20.43	
310	40.46	43.76	
315	66.09	70.18	
320	93.29	98.52	
325	121.77	128.29	
330	151.18	159.08	
335	181.15	190.49	
340	211.31	222.12	
345	241.28	253.56	
350	270.68	284.41	
355	299.18	314.31	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission