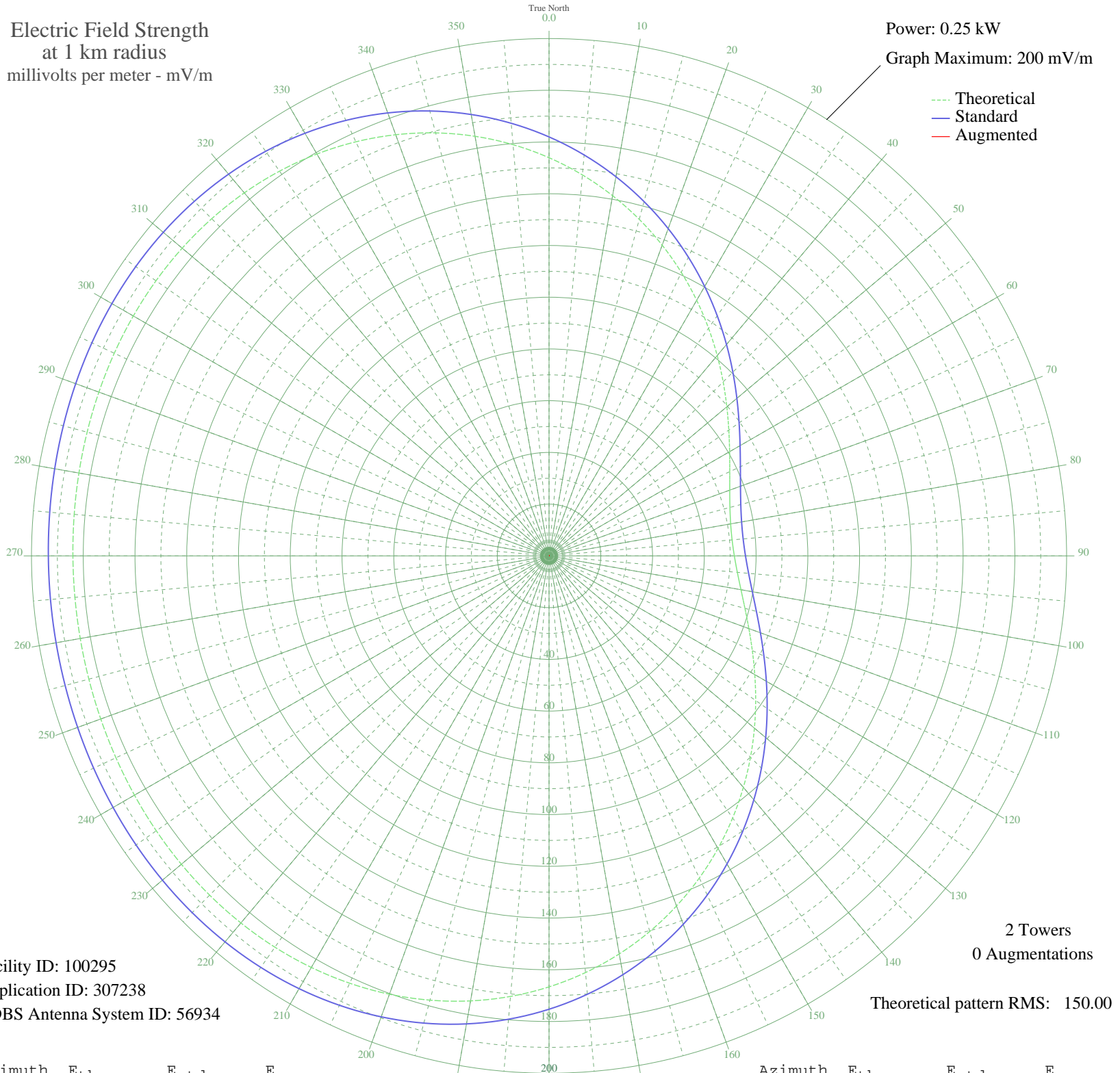


**- ANDRADAS, - Brazil -- 900 kHz**

**Nighttime**

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

Power: 0.25 kW  
Graph Maximum: 200 mV/m



Facility ID: 100295  
Application ID: 307238  
CDBS Antenna System ID: 56934

2 Towers  
0 Augmentations

Theoretical pattern RMS: 150.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	153.94	161.97	
5	147.85	155.59	
10	141.40	148.84	
15	134.70	141.82	
20	127.84	134.64	
25	120.93	127.41	
30	114.10	120.27	
35	107.45	113.31	
40	101.10	106.67	
45	95.14	100.45	
50	89.68	94.75	
55	84.80	89.66	
60	80.57	85.25	
65	77.05	81.59	
70	74.31	78.73	
75	72.37	76.71	
80	71.26	75.56	
85	71.01	75.29	
90	71.60	75.91	
95	73.05	77.41	
100	75.31	79.77	
105	78.37	82.96	
110	82.18	86.92	
115	86.68	91.62	
120	91.80	96.96	
125	97.47	102.88	
130	103.60	109.28	
135	110.08	116.06	
140	116.82	123.11	
145	123.69	130.30	
150	130.59	137.52	
155	137.40	144.66	
160	144.02	151.58	
165	150.33	158.20	
170	156.25	164.40	
175	161.70	170.11	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	166.62	175.26	
185	170.95	179.81	
190	174.69	183.72	
195	177.81	186.99	
200	180.33	189.64	
205	182.29	191.69	
210	183.72	193.19	
215	184.68	194.20	
220	185.25	194.79	
225	185.48	195.04	
230	185.47	195.03	
235	185.28	194.83	
240	184.99	194.53	
245	184.66	194.18	
250	184.35	193.86	
255	184.11	193.60	
260	183.96	193.44	
265	183.92	193.40	
270	184.00	193.49	
275	184.20	193.69	
280	184.47	193.98	
285	184.80	194.32	
290	185.12	194.66	
295	185.37	194.93	
300	185.50	195.06	
305	185.42	194.98	
310	185.06	194.60	
315	184.35	193.85	
320	183.21	192.65	
325	181.57	190.94	
330	179.39	188.66	
335	176.63	185.76	
340	173.27	182.23	
345	169.29	178.06	
350	164.72	173.27	
355	159.58	167.89	