

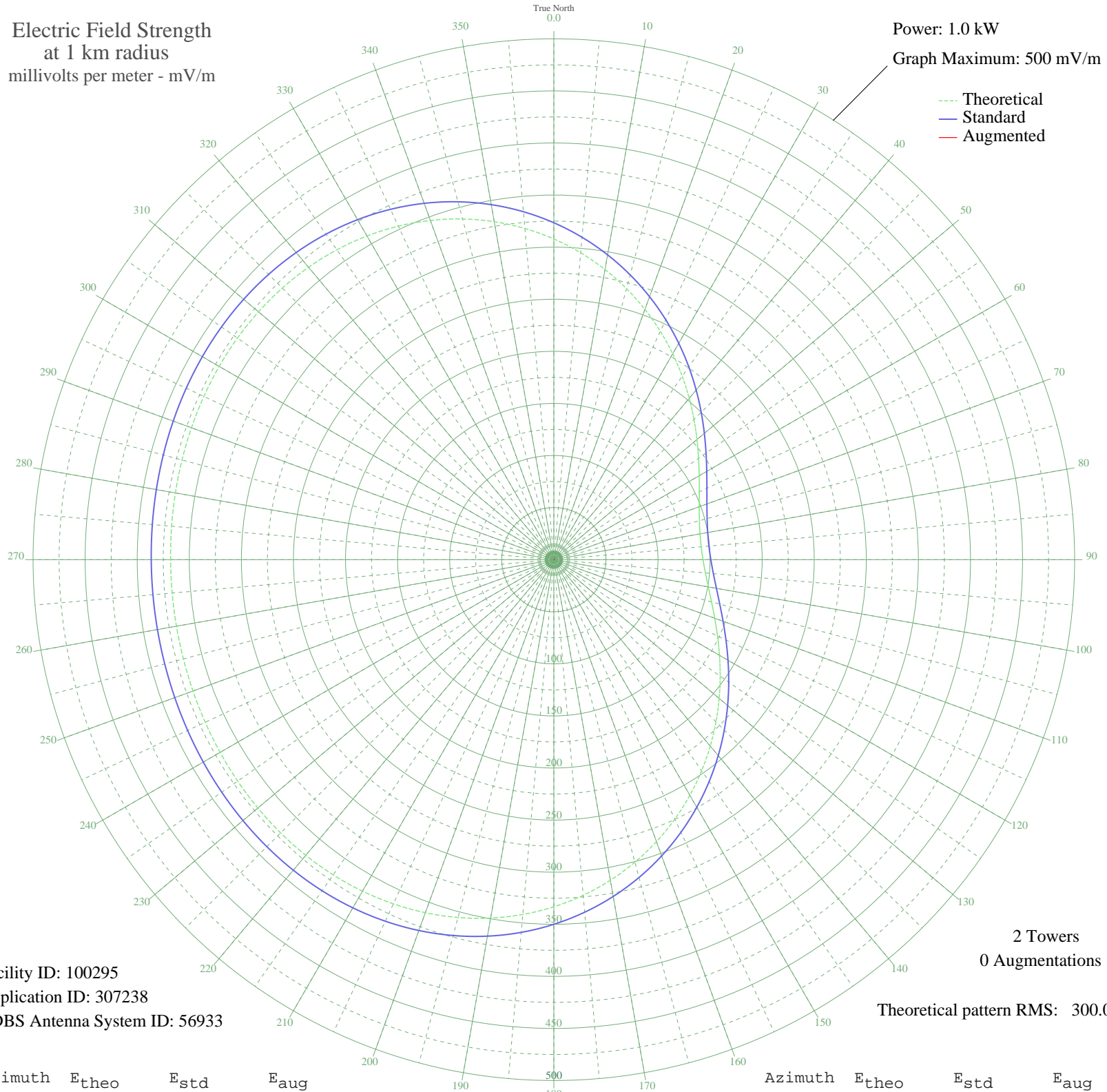
- ANDRADAS, - Brazil -- 900 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 100295
Application ID: 307238
CDBS Antenna System ID: 56933

2 Towers
0 Augmentations

Theoretical pattern RMS: 300.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	307.87	323.43	
5	295.69	310.66	
10	282.80	297.13	
15	269.39	283.06	
20	255.67	268.66	
25	241.87	254.18	
30	228.20	239.84	
35	214.91	225.90	
40	202.20	212.57	
45	190.29	200.08	
50	179.36	188.63	
55	169.60	178.39	
60	161.14	169.52	
65	154.11	162.15	
70	148.62	156.40	
75	144.74	152.34	
80	142.53	150.02	
85	142.01	149.48	
90	143.21	150.73	
95	146.09	153.75	
100	150.62	158.50	
105	156.74	164.91	
110	164.36	172.89	
115	173.36	182.33	
120	183.60	193.07	
125	194.95	204.96	
130	207.20	217.81	
135	220.17	231.41	
140	233.64	245.54	
145	247.38	259.97	
150	261.18	274.44	
155	274.81	288.74	
160	288.03	302.62	
165	300.66	315.87	
170	312.50	328.29	
175	323.40	339.73	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	333.23	350.05	
185	341.91	359.16	
190	349.37	366.99	
195	355.62	373.55	
200	360.67	378.84	
205	364.57	382.95	
210	367.44	385.95	
215	369.36	387.97	
220	370.49	389.16	
225	370.97	389.66	
230	370.94	389.63	
235	370.57	389.24	
240	369.98	388.63	
245	369.33	387.94	
250	368.71	387.28	
255	368.21	386.77	
260	367.91	386.45	
265	367.84	386.37	
270	368.01	386.55	
275	368.39	386.95	
280	368.94	387.53	
285	369.59	388.21	
290	370.23	388.89	
295	370.75	389.43	
300	371.00	389.69	
305	370.85	389.53	
310	370.13	388.78	
315	368.70	387.27	
320	366.41	384.87	
325	363.14	381.44	
330	358.79	376.87	
335	353.27	371.08	
340	346.53	364.01	
345	338.58	355.66	
350	329.43	346.07	
355	319.16	335.29	

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