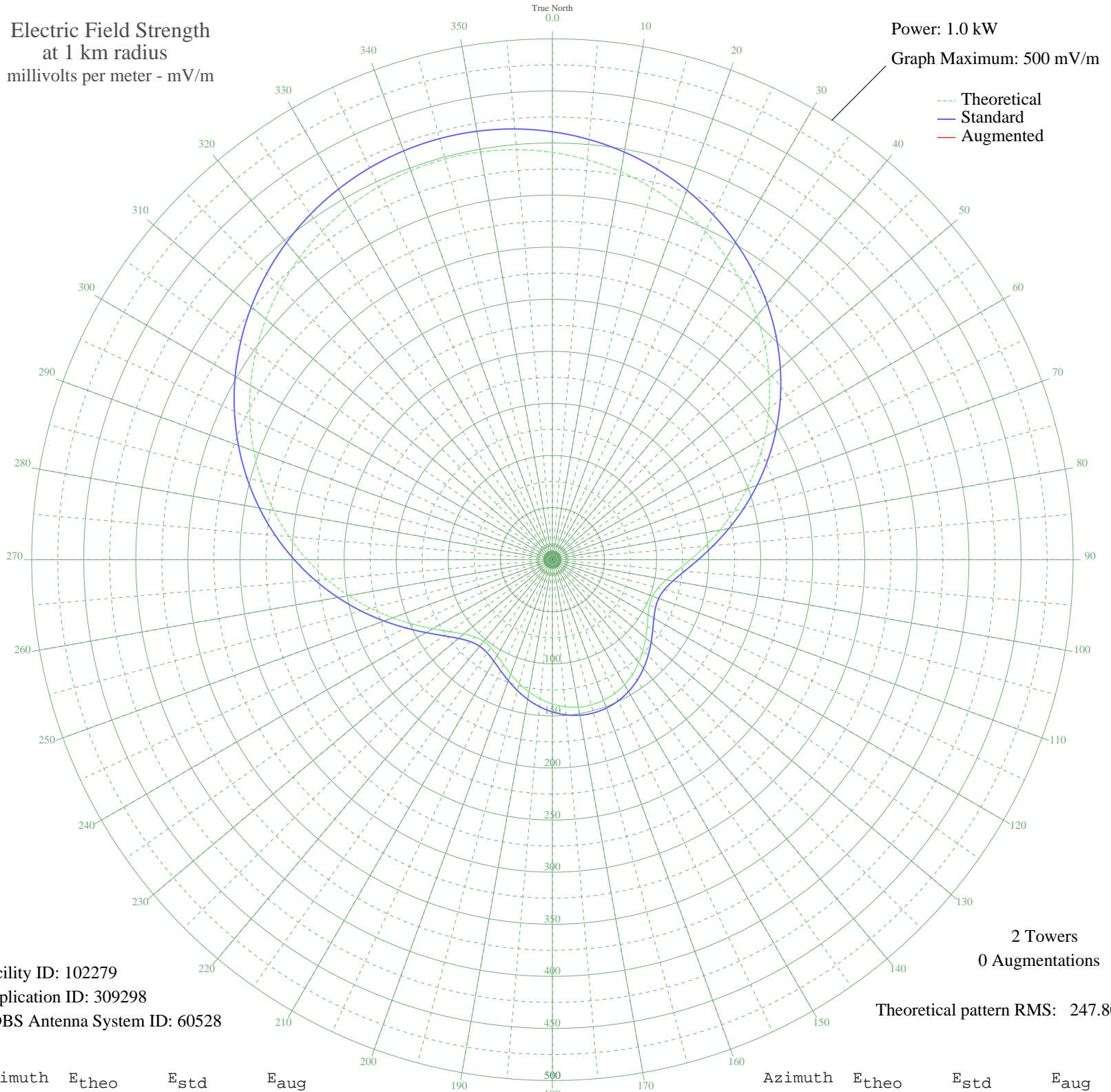


**- CAMPO GRANDE, - Brazil -- 1180 kHz**

**Nighttime**

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 102279  
Application ID: 309298  
CDBS Antenna System ID: 60528

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 247.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	390.96	410.79	
5	385.33	404.88	
10	378.13	397.33	
15	369.41	388.18	
20	359.22	377.49	
25	347.62	365.31	
30	334.68	351.74	
35	320.51	336.87	
40	305.20	320.82	
45	288.90	303.72	
50	271.75	285.73	
55	253.93	267.05	
60	235.65	247.89	
65	217.14	228.50	
70	198.68	209.16	
75	180.59	190.22	
80	163.24	172.06	
85	147.07	155.16	
90	132.60	140.05	
95	120.42	127.34	
100	111.08	117.61	
105	105.05	111.33	
110	102.45	108.63	
115	103.04	109.24	
120	106.18	112.51	
125	111.06	117.59	
130	116.90	123.67	
135	123.02	130.05	
140	128.90	136.19	
145	134.15	141.67	
150	138.49	146.19	
155	141.71	149.56	
160	143.69	151.63	
165	144.36	152.33	
170	143.69	151.63	
175	141.71	149.56	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	138.49	146.19	
185	134.15	141.67	
190	128.90	136.19	
195	123.02	130.05	
200	116.90	123.67	
205	111.06	117.59	
210	106.18	112.51	
215	103.04	109.24	
220	102.45	108.63	
225	105.05	111.33	
230	111.08	117.61	
235	120.42	127.34	
240	132.60	140.05	
245	147.07	155.16	
250	163.24	172.06	
255	180.59	190.22	
260	198.68	209.16	
265	217.14	228.50	
270	235.65	247.89	
275	253.93	267.05	
280	271.75	285.73	
285	288.90	303.72	
290	305.20	320.82	
295	320.51	336.87	
300	334.68	351.74	
305	347.62	365.31	
310	359.22	377.49	
315	369.41	388.18	
320	378.13	397.33	
325	385.33	404.88	
330	390.96	410.79	
335	395.00	415.03	
340	397.44	417.58	
345	398.25	418.44	
350	397.44	417.58	
355	395.00	415.03	