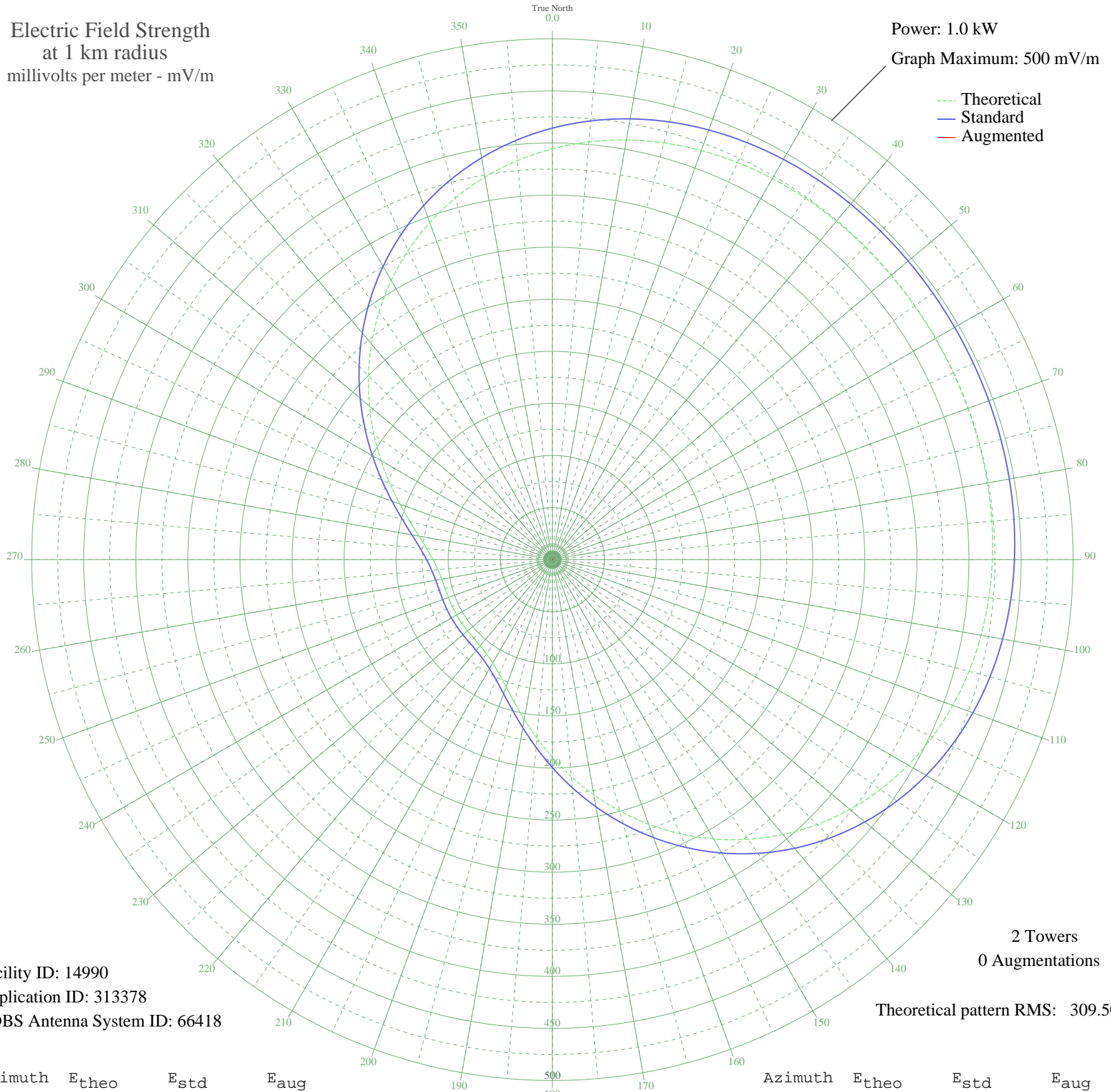


CW54 MINAS, - Uruguay -- 1580 kHz

Nighttime

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: 14990
Application ID: 313378
CDBS Antenna System ID: 66418

2 Towers
0 Augmentations

Theoretical pattern RMS: 309.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	394.41	414.26	
5	402.55	422.81	
10	409.09	429.67	
15	414.15	434.99	
20	417.93	438.95	
25	420.62	441.78	
30	422.43	443.67	
35	423.55	444.85	
40	424.18	445.52	
45	424.49	445.84	
50	424.60	445.96	
55	424.63	445.98	
60	424.63	445.99	
65	424.63	445.98	
70	424.60	445.96	
75	424.49	445.84	
80	424.18	445.52	
85	423.55	444.85	
90	422.43	443.67	
95	420.62	441.78	
100	417.93	438.95	
105	414.15	434.99	
110	409.09	429.67	
115	402.55	422.81	
120	394.41	414.26	
125	384.54	403.90	
130	372.89	391.67	
135	359.46	377.58	
140	344.33	361.69	
145	327.61	344.15	
150	309.50	325.14	
155	290.27	304.96	
160	270.22	283.93	
165	249.73	262.43	
170	229.21	240.89	
175	209.08	219.78	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	189.80	199.57	
185	171.85	180.75	
190	155.66	163.78	
195	141.63	149.08	
200	130.05	136.96	
205	121.07	127.55	
210	114.60	120.79	
215	110.38	116.37	
220	107.93	113.81	
225	106.73	112.55	
230	106.27	112.08	
235	106.16	111.97	
240	106.16	111.96	
245	106.16	111.97	
250	106.27	112.08	
255	106.73	112.55	
260	107.93	113.81	
265	110.38	116.37	
270	114.60	120.79	
275	121.07	127.55	
280	130.05	136.96	
285	141.63	149.08	
290	155.66	163.78	
295	171.85	180.75	
300	189.80	199.57	
305	209.08	219.78	
310	229.21	240.89	
315	249.73	262.43	
320	270.22	283.93	
325	290.27	304.96	
330	309.50	325.14	
335	327.61	344.15	
340	344.33	361.69	
345	359.46	377.58	
350	372.89	391.67	
355	384.54	403.90	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission