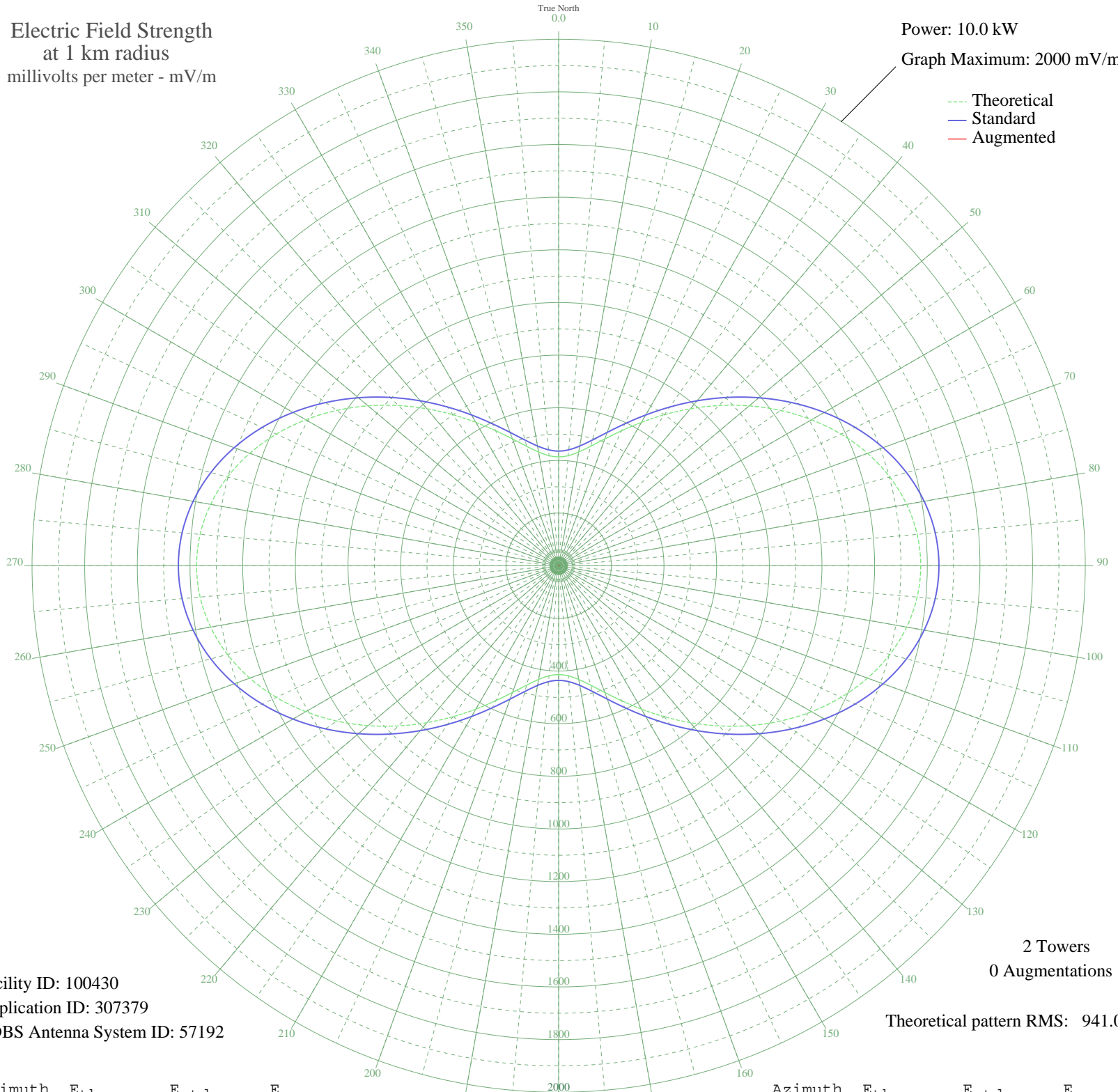


**- CAUCAIA, - Brazil -- 930 kHz**  
Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100430  
Application ID: 307379  
CDBS Antenna System ID: 57192

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 941.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	413.52	435.47	
5	419.84	442.08	
10	438.66	461.79	
15	469.67	494.27	
20	512.31	538.95	
25	565.75	594.96	
30	628.87	661.15	
35	700.26	736.02	
40	778.16	817.74	
45	860.47	904.11	
50	944.83	992.63	
55	1028.61	1080.55	
60	1109.01	1164.93	
65	1183.19	1242.79	
70	1248.39	1311.23	
75	1302.09	1367.60	
80	1342.12	1409.61	
85	1366.83	1435.55	
90	1375.18	1444.32	
95	1366.83	1435.55	
100	1342.12	1409.61	
105	1302.09	1367.60	
110	1248.39	1311.23	
115	1183.19	1242.79	
120	1109.01	1164.93	
125	1028.61	1080.55	
130	944.83	992.63	
135	860.47	904.11	
140	778.15	817.74	
145	700.26	736.02	
150	628.87	661.15	
155	565.75	594.96	
160	512.31	538.95	
165	469.67	494.27	
170	438.66	461.79	
175	419.84	442.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	413.52	435.47	
185	419.84	442.08	
190	438.66	461.79	
195	469.67	494.27	
200	512.31	538.95	
205	565.75	594.96	
210	628.87	661.15	
215	700.26	736.02	
220	778.16	817.74	
225	860.47	904.11	
230	944.83	992.63	
235	1028.61	1080.55	
240	1109.01	1164.93	
245	1183.19	1242.79	
250	1248.40	1311.24	
255	1302.09	1367.60	
260	1342.12	1409.62	
265	1366.83	1435.55	
270	1375.18	1444.32	
275	1366.83	1435.55	
280	1342.12	1409.61	
285	1302.09	1367.60	
290	1248.39	1311.23	
295	1183.19	1242.79	
300	1109.01	1164.93	
305	1028.61	1080.55	
310	944.83	992.63	
315	860.47	904.11	
320	778.15	817.74	
325	700.26	736.02	
330	628.87	661.15	
335	565.75	594.96	
340	512.31	538.95	
345	469.67	494.27	
350	438.66	461.79	
355	419.83	442.08	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission