

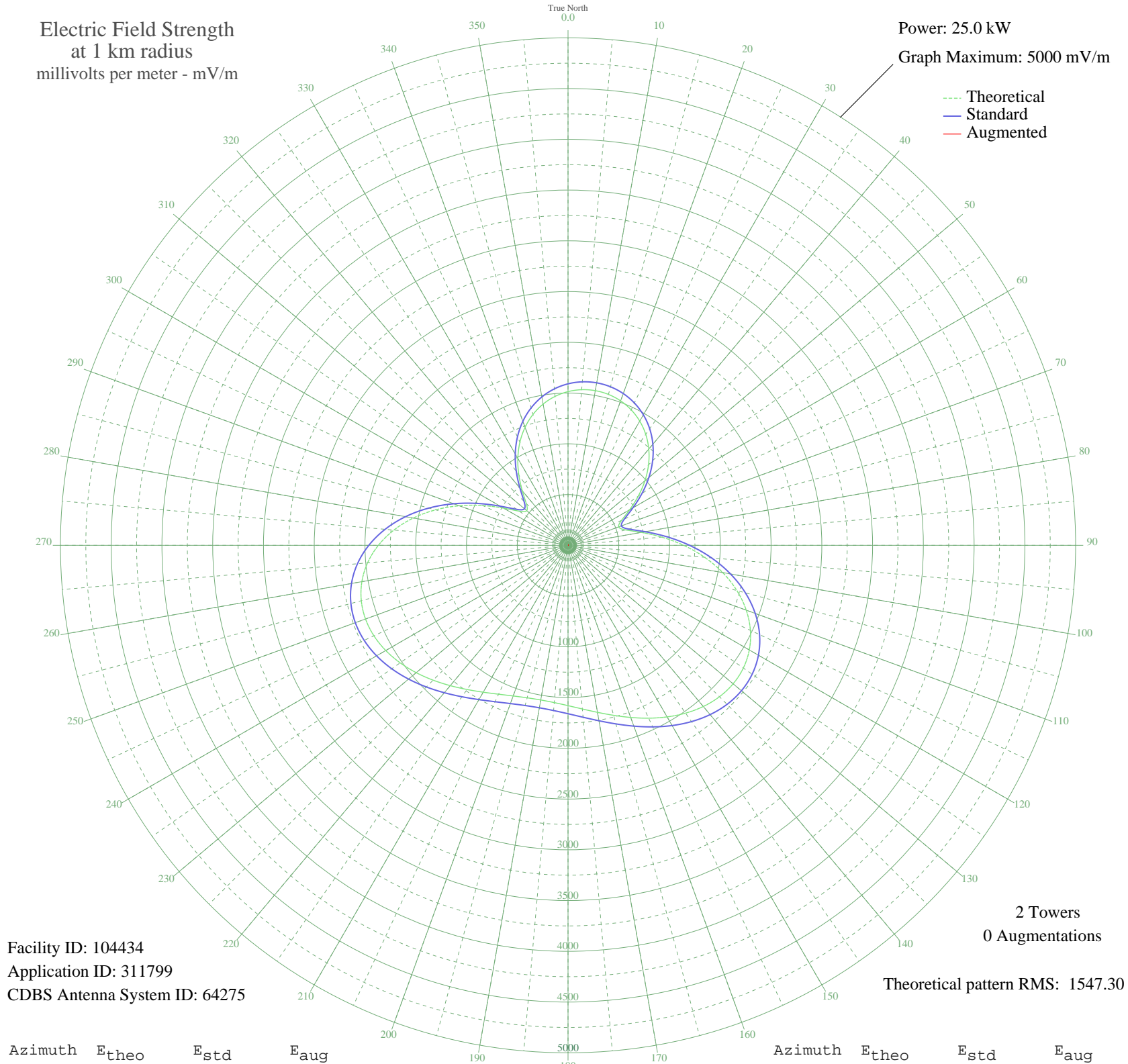
# CX44 MONTEVIDEO 1, - Uruguay -- 1410 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 104434  
Application ID: 311799  
CDBS Antenna System ID: 64275

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1547.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1514.38	1590.97	
5	1539.12	1616.93	
10	1547.30	1625.51	
15	1539.12	1616.93	
20	1514.38	1590.97	
25	1472.56	1547.08	
30	1412.90	1484.48	
35	1334.65	1402.36	
40	1237.35	1300.28	
45	1121.37	1178.61	
50	988.71	1039.47	
55	844.55	888.33	
60	700.47	737.37	
65	581.25	612.56	
70	530.72	559.72	
75	586.33	617.88	
80	732.49	770.90	
85	927.14	974.91	
90	1139.31	1197.43	
95	1350.16	1418.64	
100	1547.30	1625.51	
105	1722.02	1808.88	
110	1868.22	1962.33	
115	1982.09	2081.86	
120	2061.97	2165.71	
125	2108.20	2214.23	
130	2122.88	2229.64	
135	2109.60	2215.71	
140	2073.07	2177.35	
145	2018.67	2120.25	
150	1952.11	2050.38	
155	1879.04	1973.69	
160	1804.78	1895.75	
165	1734.07	1821.53	
170	1670.92	1755.25	
175	1618.59	1700.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1579.53	1659.34	
185	1555.44	1634.05	
190	1547.30	1625.51	
195	1555.44	1634.05	
200	1579.53	1659.34	
205	1618.59	1700.33	
210	1670.92	1755.25	
215	1734.07	1821.53	
220	1804.78	1895.75	
225	1879.04	1973.69	
230	1952.11	2050.39	
235	2018.67	2120.25	
240	2073.07	2177.35	
245	2109.60	2215.71	
250	2122.88	2229.64	
255	2108.20	2214.23	
260	2061.97	2165.71	
265	1982.09	2081.86	
270	1868.22	1962.33	
275	1722.02	1808.88	
280	1547.30	1625.51	
285	1350.16	1418.64	
290	1139.31	1197.43	
295	927.14	974.91	
300	732.49	770.90	
305	586.33	617.88	
310	530.72	559.72	
315	581.25	612.56	
320	700.48	737.37	
325	844.55	888.33	
330	988.71	1039.48	
335	1121.37	1178.61	
340	1237.35	1300.28	
345	1334.65	1402.37	
350	1412.90	1484.48	
355	1472.56	1547.08	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission