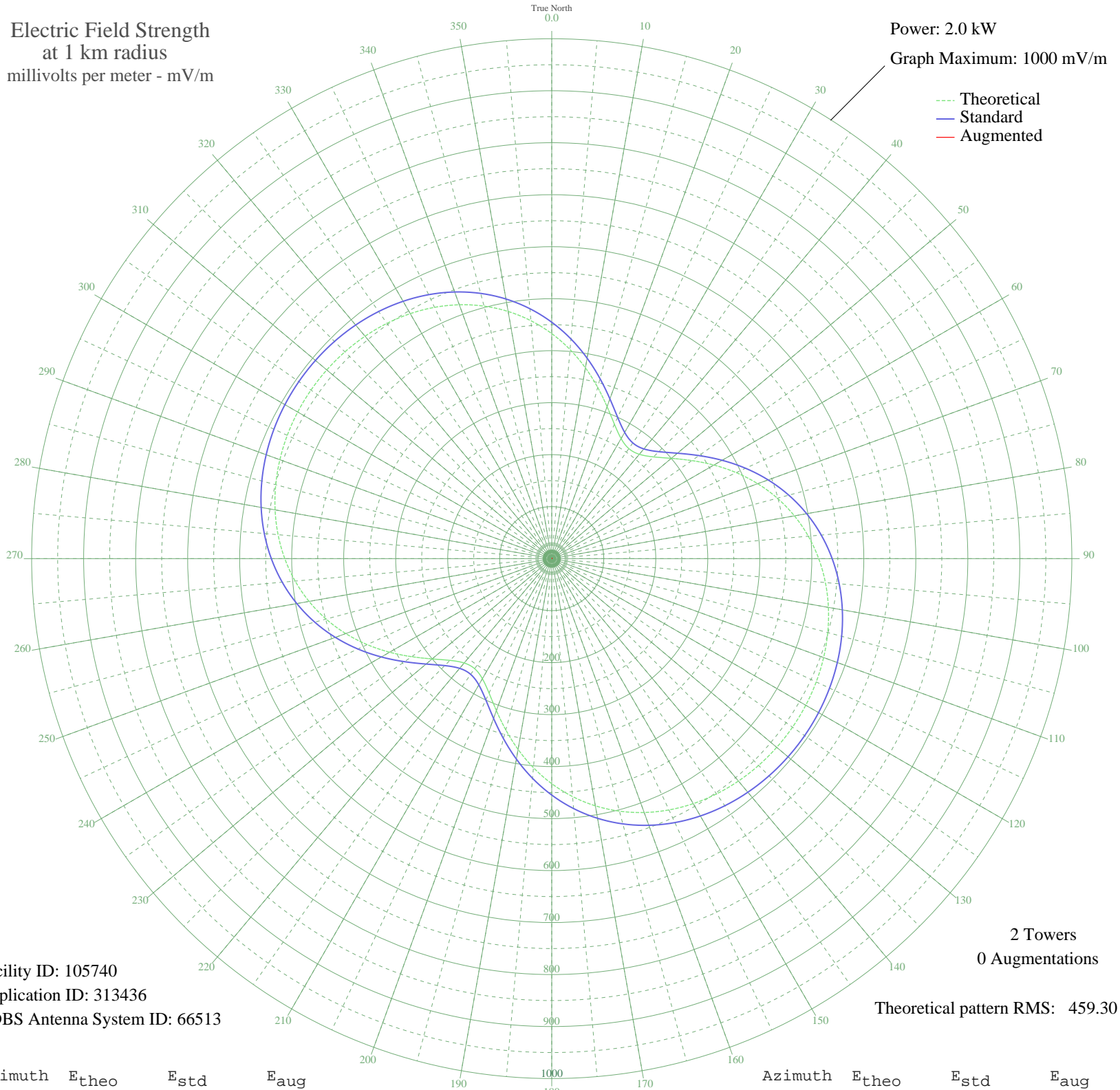


CX159 COLONIA, - Uruguay -- 1590 kHz

Daytime

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

Power: 2.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 105740
Application ID: 313436
CDBS Antenna System ID: 66513

2 Towers
0 Augmentations

Theoretical pattern RMS: 459.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	432.86	454.74	
5	403.66	424.10	
10	372.64	391.55	
15	341.13	358.50	
20	311.11	327.00	
25	285.23	299.86	
30	266.66	280.39	
35	258.39	271.72	
40	261.99	275.49	
45	276.74	290.96	
50	300.09	315.45	
55	328.81	345.57	
60	360.00	378.29	
65	391.41	411.25	
70	421.46	442.78	
75	449.13	471.82	
80	473.81	497.72	
85	495.21	520.18	
90	513.30	539.17	
95	528.20	554.81	
100	540.14	567.34	
105	549.41	577.07	
110	556.30	584.30	
115	561.09	589.33	
120	563.99	592.38	
125	565.16	593.61	
130	564.66	593.08	
135	562.47	590.77	
140	558.45	586.56	
145	552.43	580.24	
150	544.15	571.55	
155	533.31	560.18	
160	519.63	545.81	
165	502.84	528.19	
170	482.77	507.12	
175	459.38	482.58	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	432.86	454.74	
185	403.66	424.10	
190	372.64	391.55	
195	341.13	358.50	
200	311.11	327.00	
205	285.23	299.86	
210	266.66	280.39	
215	258.39	271.72	
220	261.99	275.49	
225	276.74	290.96	
230	300.09	315.45	
235	328.81	345.57	
240	360.00	378.29	
245	391.41	411.25	
250	421.46	442.78	
255	449.13	471.82	
260	473.81	497.72	
265	495.21	520.18	
270	513.30	539.17	
275	528.20	554.81	
280	540.14	567.34	
285	549.41	577.07	
290	556.30	584.30	
295	561.09	589.33	
300	563.99	592.38	
305	565.16	593.61	
310	564.66	593.08	
315	562.47	590.77	
320	558.45	586.56	
325	552.43	580.24	
330	544.15	571.55	
335	533.32	560.18	
340	519.63	545.81	
345	502.84	528.19	
350	482.77	507.12	
355	459.38	482.58	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission