

ANEXO 5

ANÁLISIS QV
ESCENARIO DE DEMANDA BAJA
(LARGO PLAZO)

PESIN
2022

TOMO III



CASO DE REFERENCIA

AB

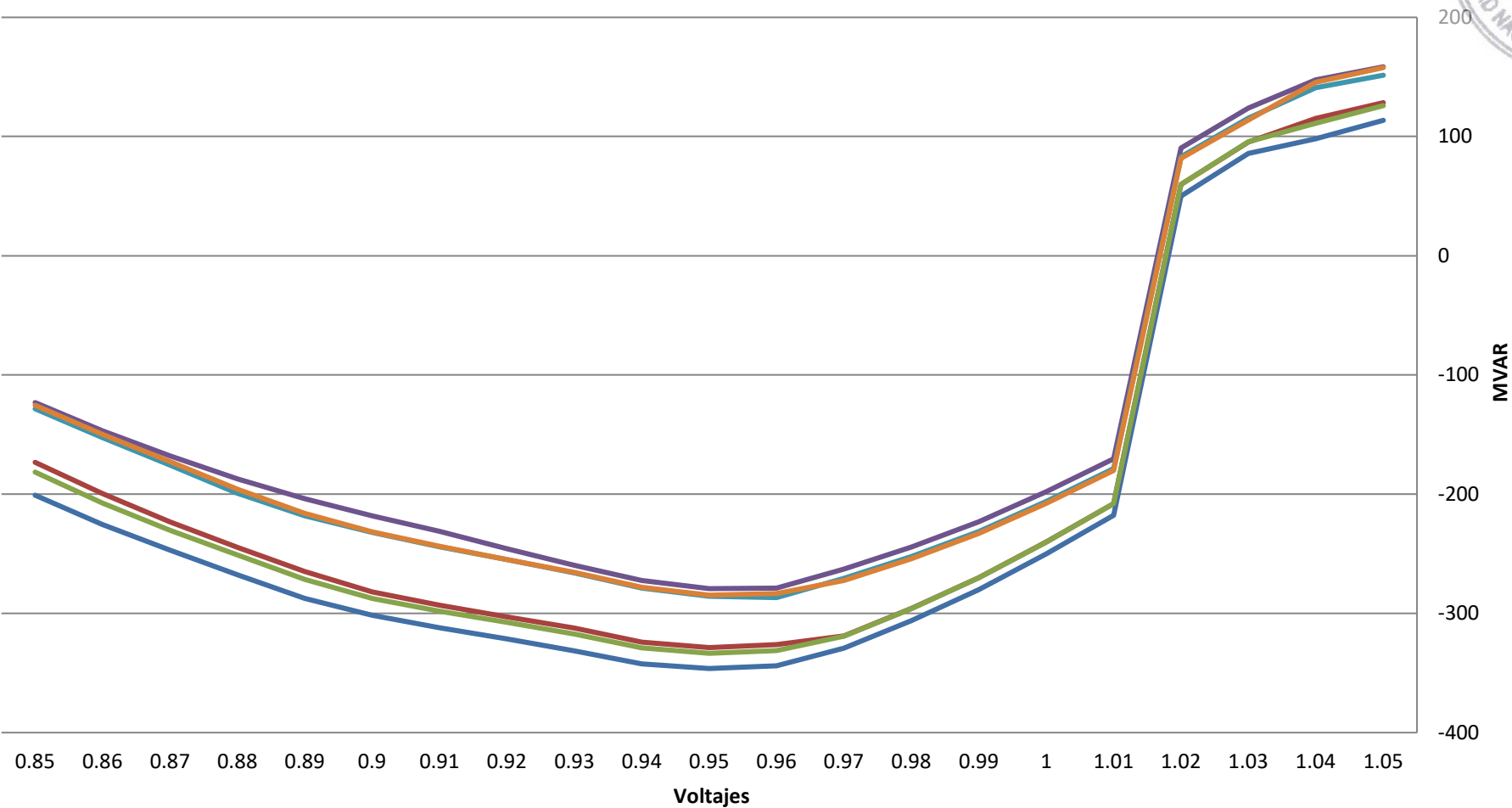


2025 LLUVIOSA

AB



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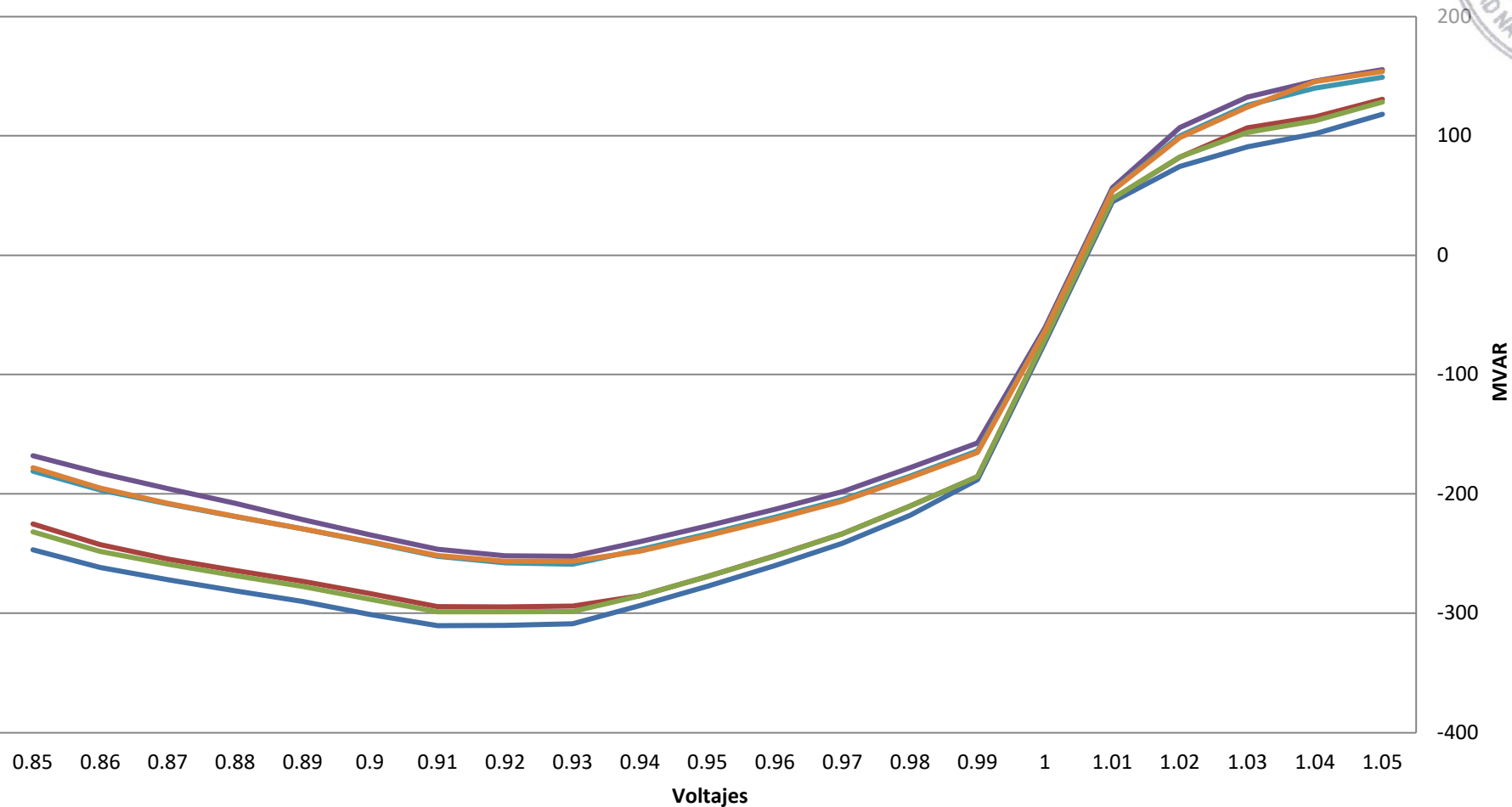


— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6011-6182(5D)
— VLTAGE 6460-6713(2C) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50)

AP



2025CA_ModMax_Lluv 6002

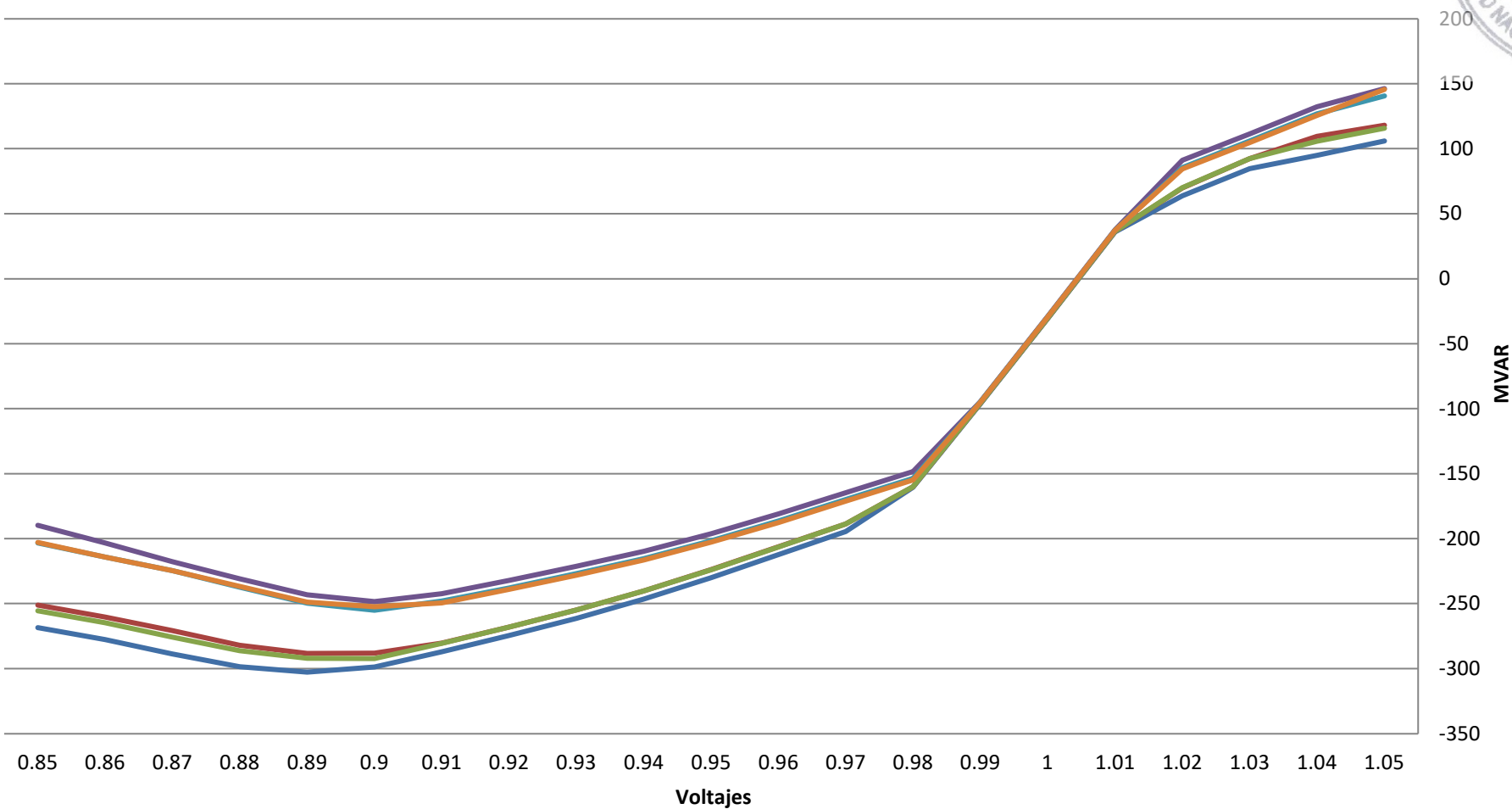


BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6011-6182(5D)
VLTAGE 6460-6713(2C) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)

AP



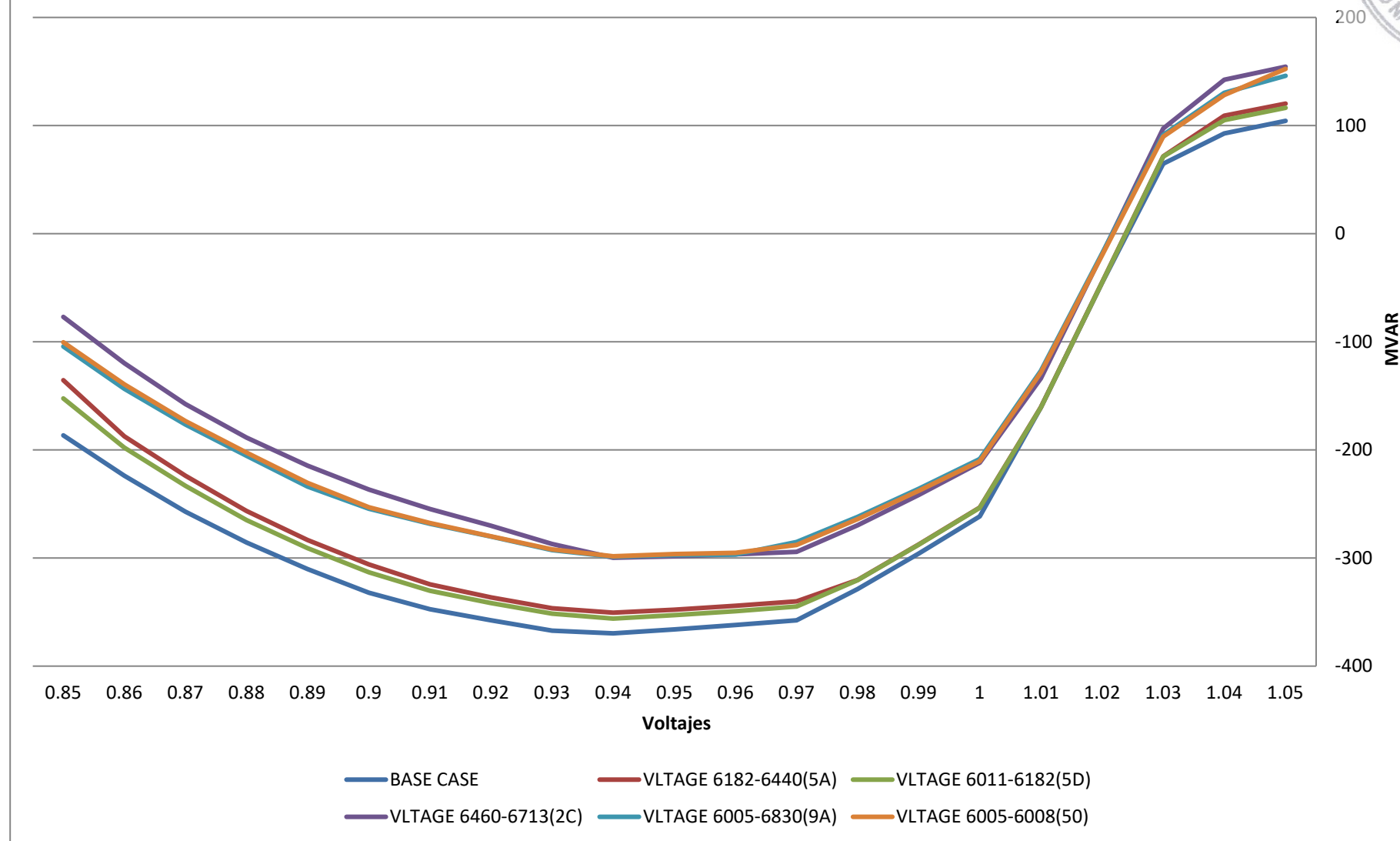
2025CA_ModMax_Lluv 6004



BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6011-6182(5D)
VLTAGE 6460-6713(2C) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)

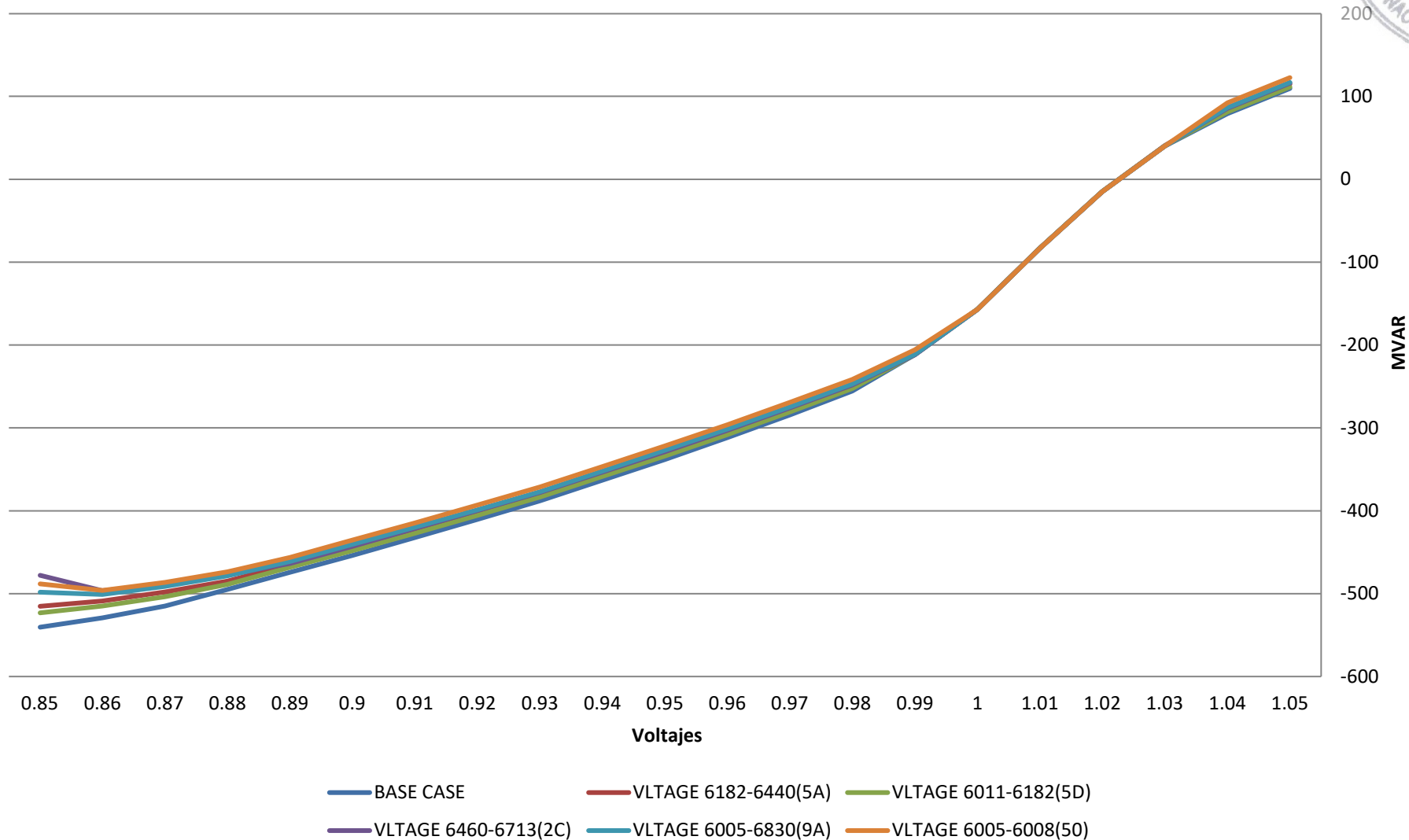
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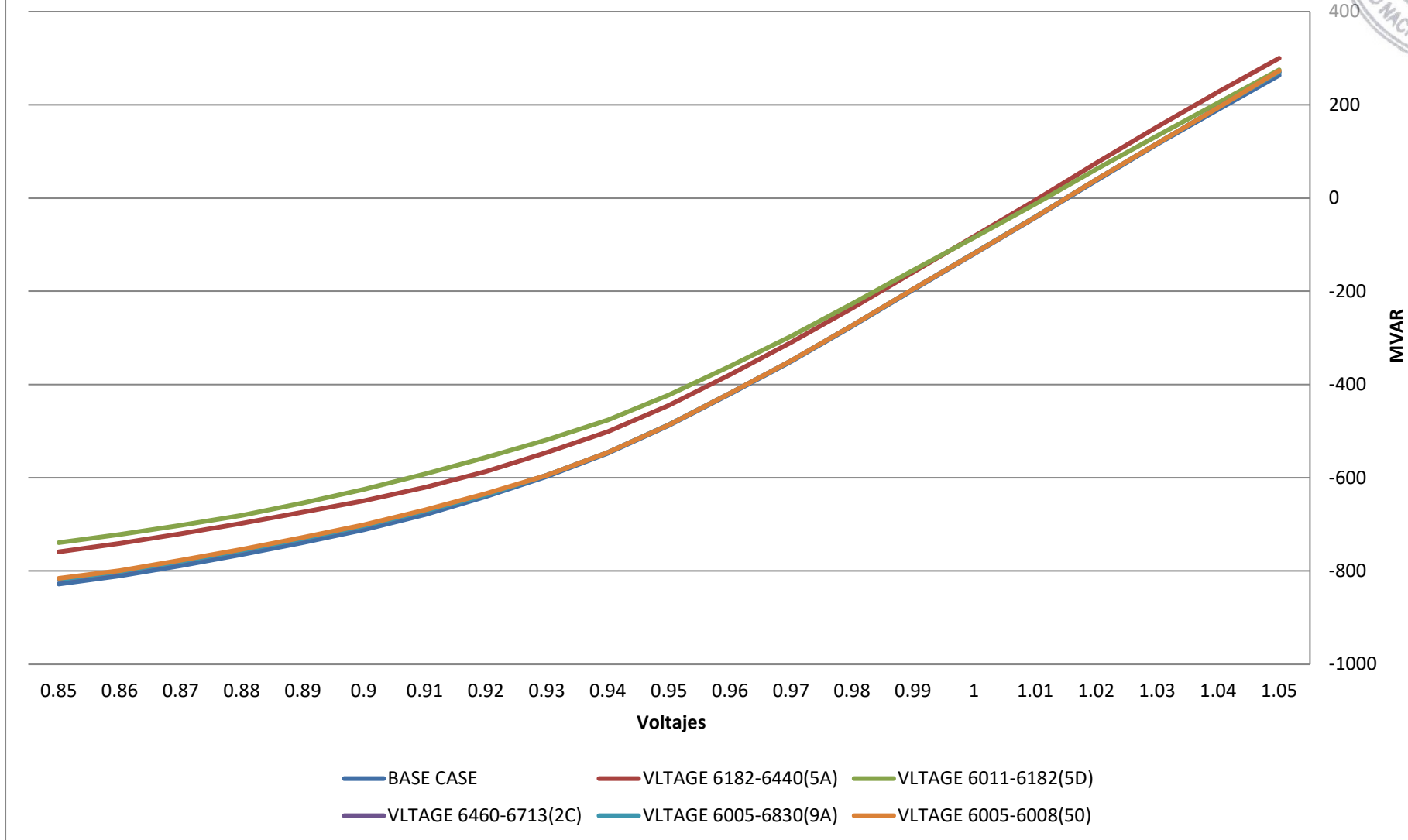


2025CA_ModMax_Lluv 6009





2025CA_ModMax_Lluv 6011



AP

2025CA_ModMax_Lluv 6012

200

100

0

-100

-200

-300

-400

-500

MVAR

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Voltajes

— BASE CASE

— VLTAGE 6182-6440(5A)

— VLTAGE 6011-6182(5D)

— VLTAGE 6460-6713(2C)

— VLTAGE 6005-6830(9A)

— VLTAGE 6005-6008(50)

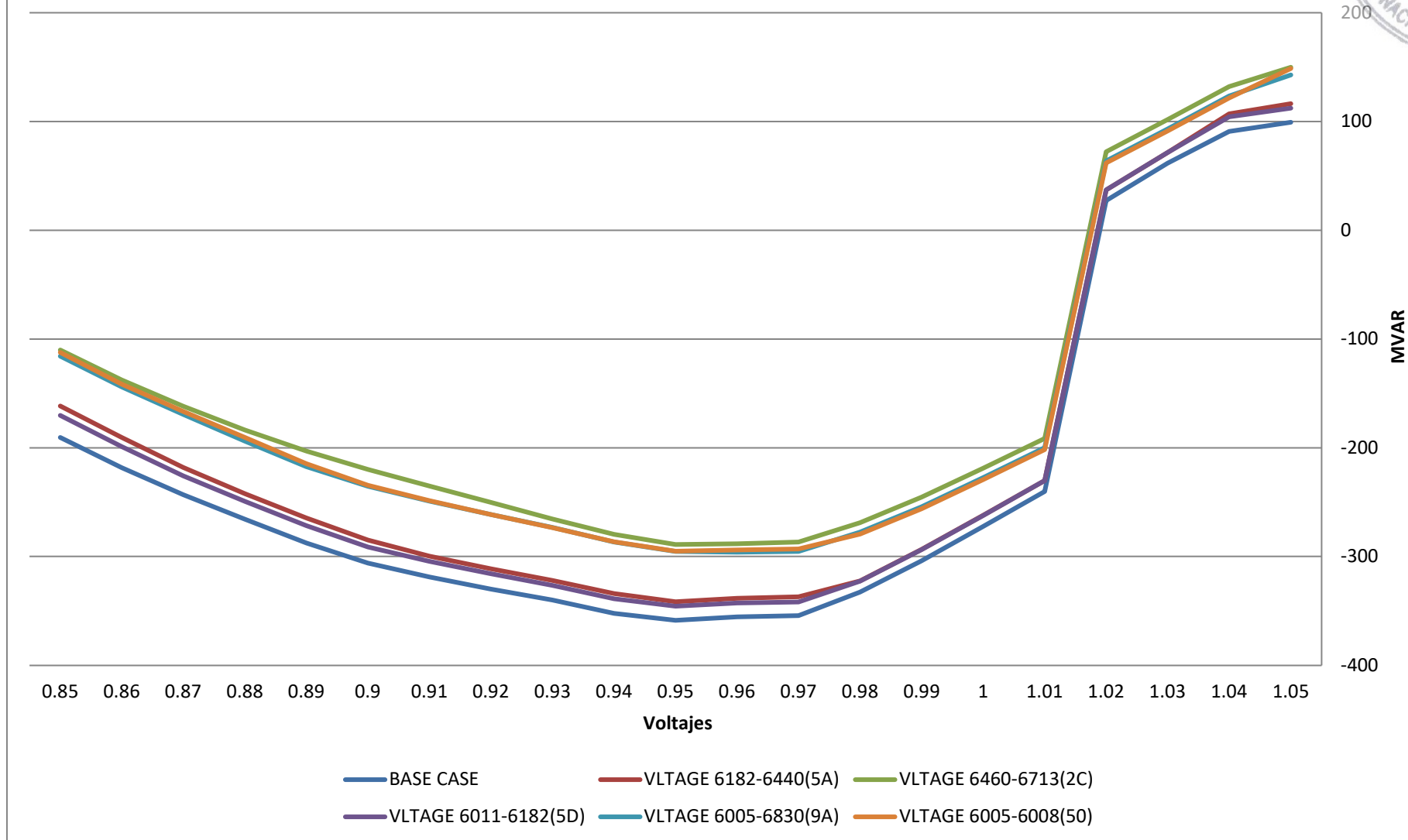
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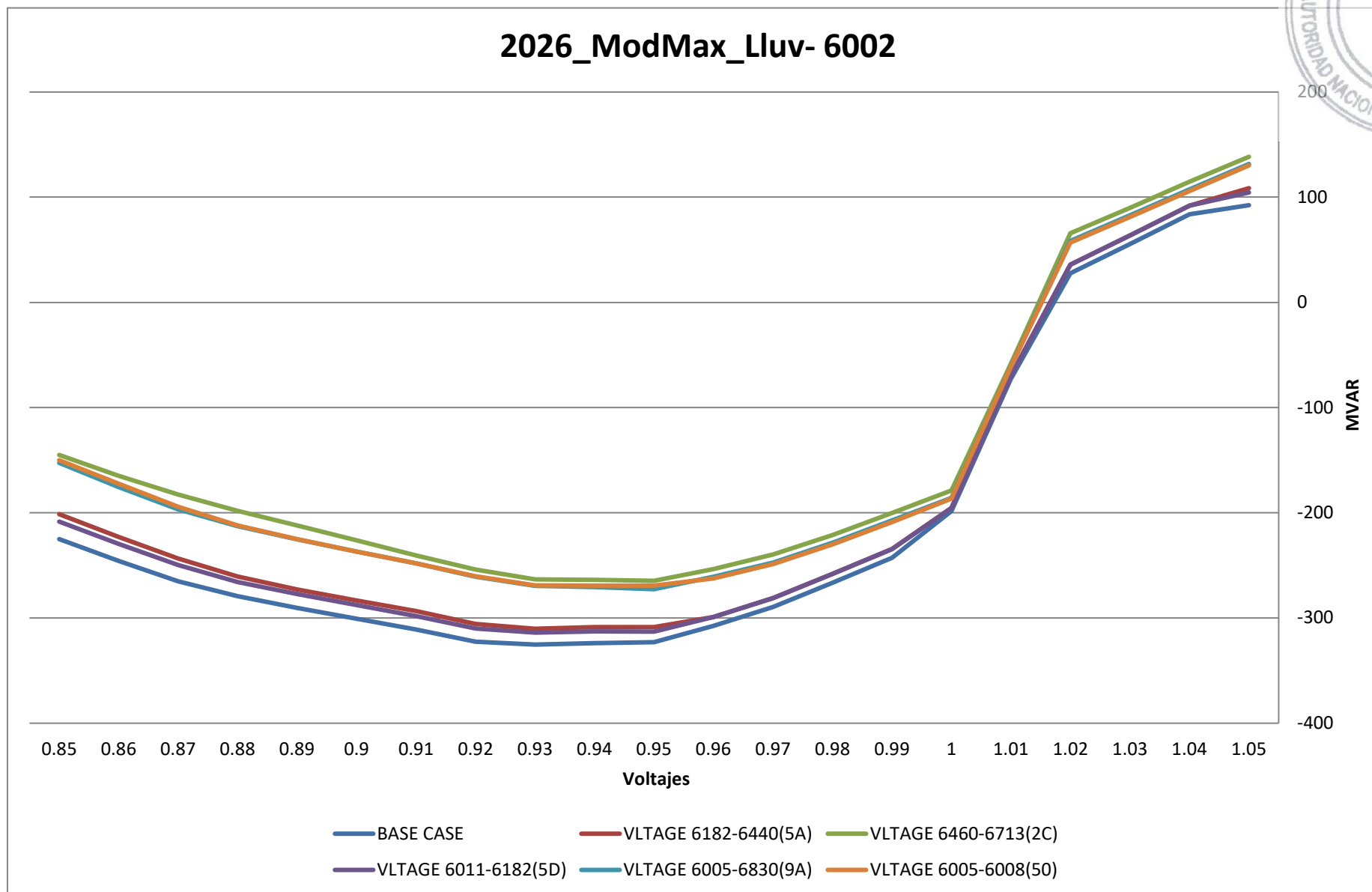
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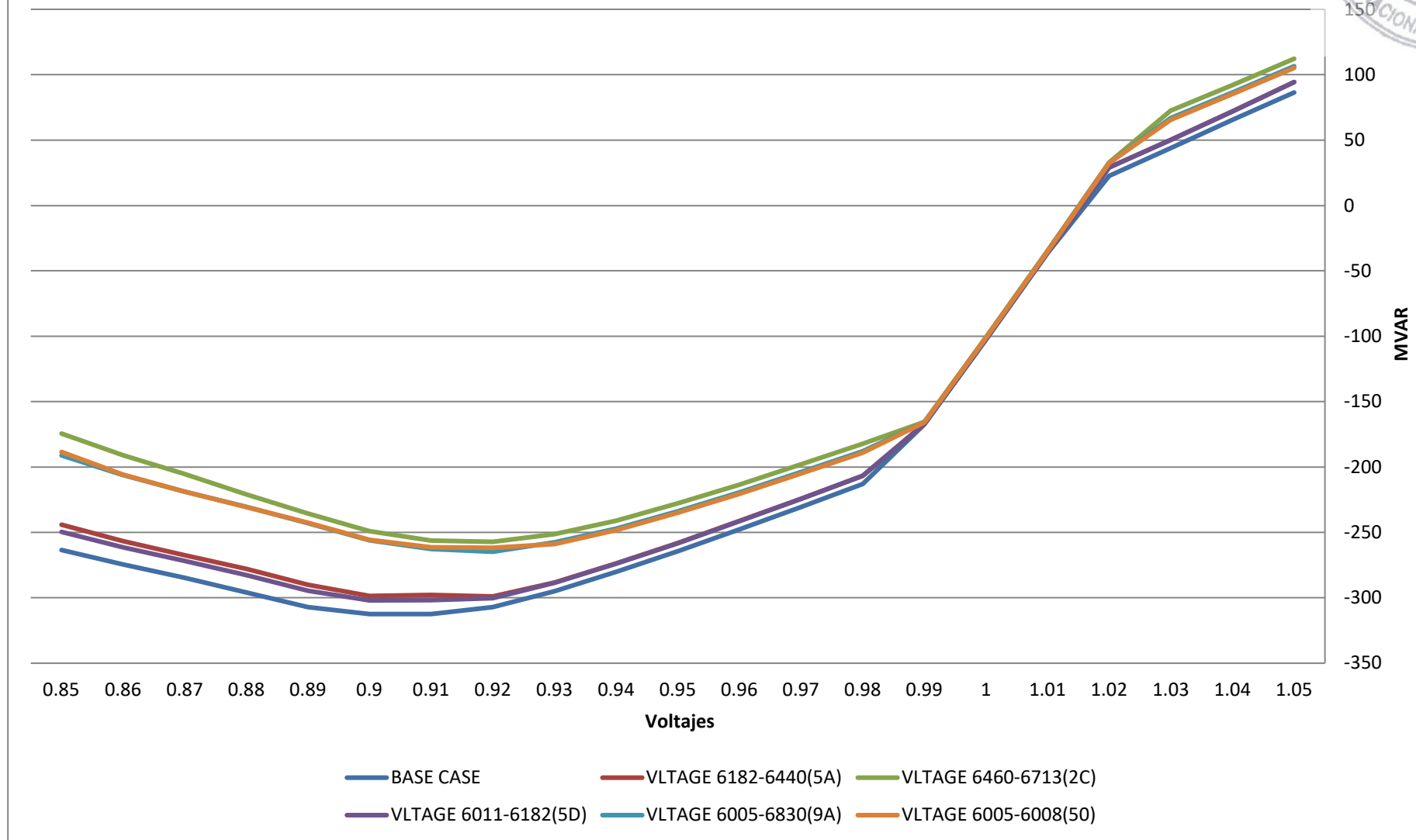
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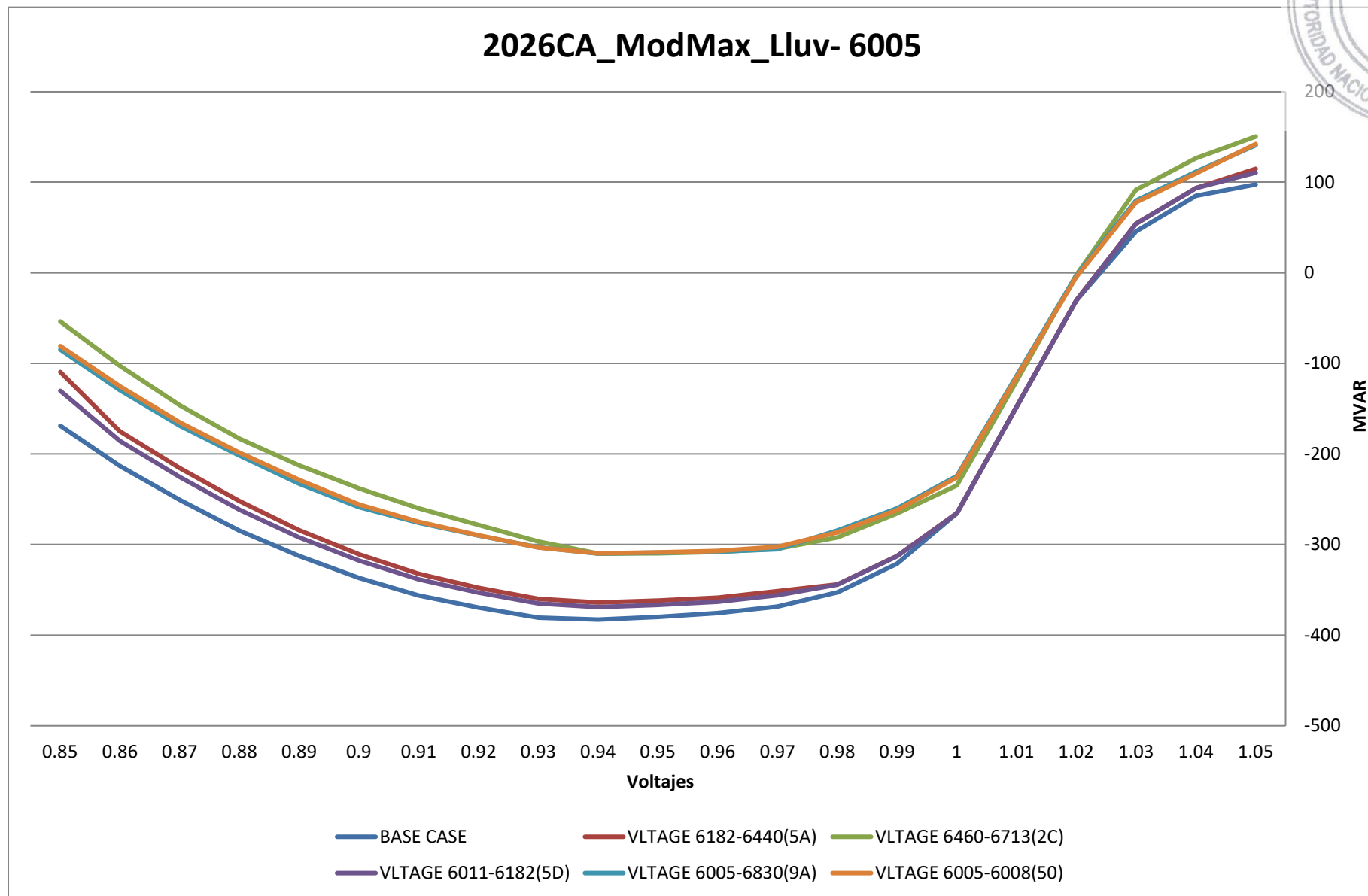
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2026CA_ModMax_Lluv- 6004

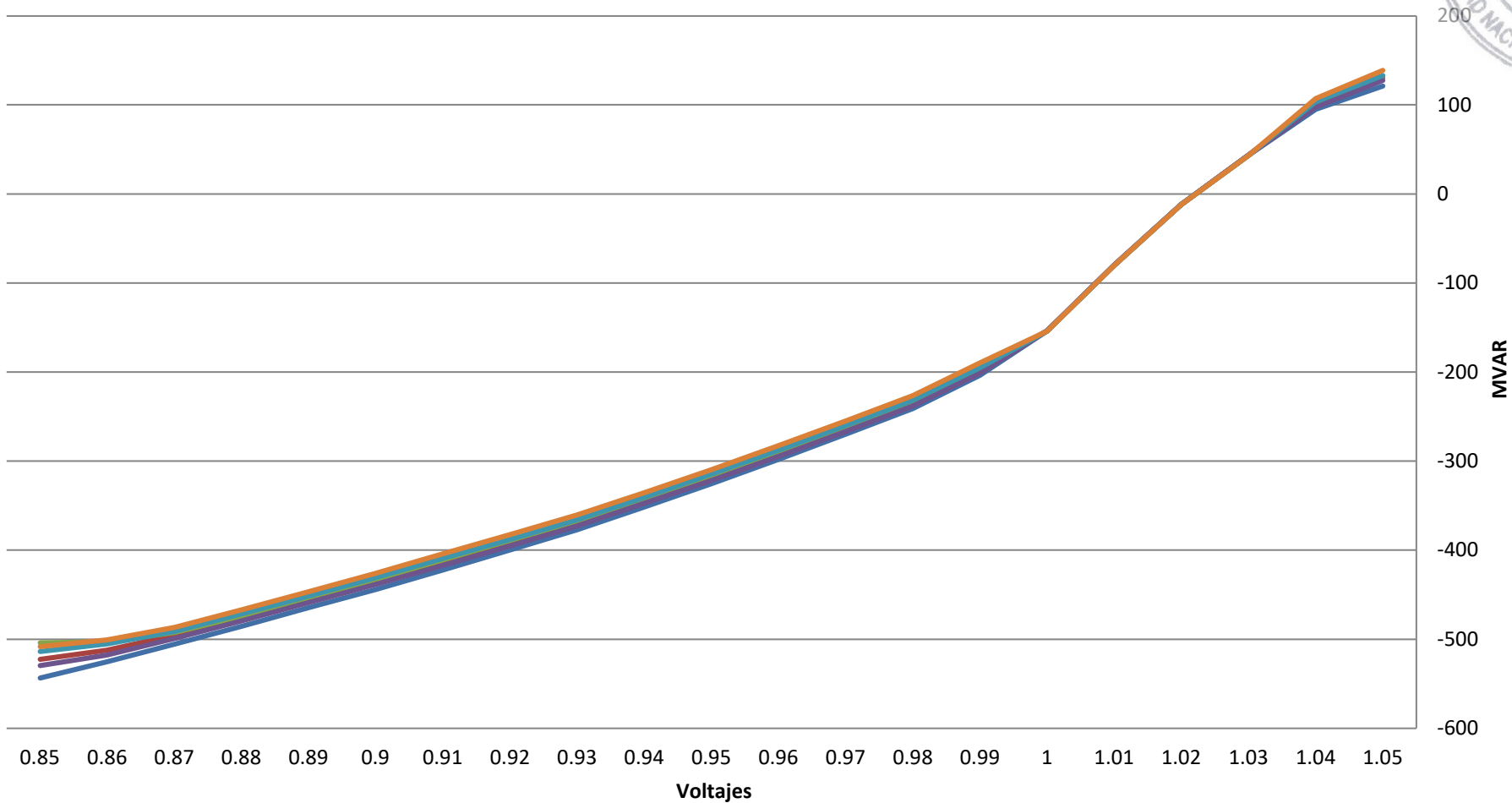


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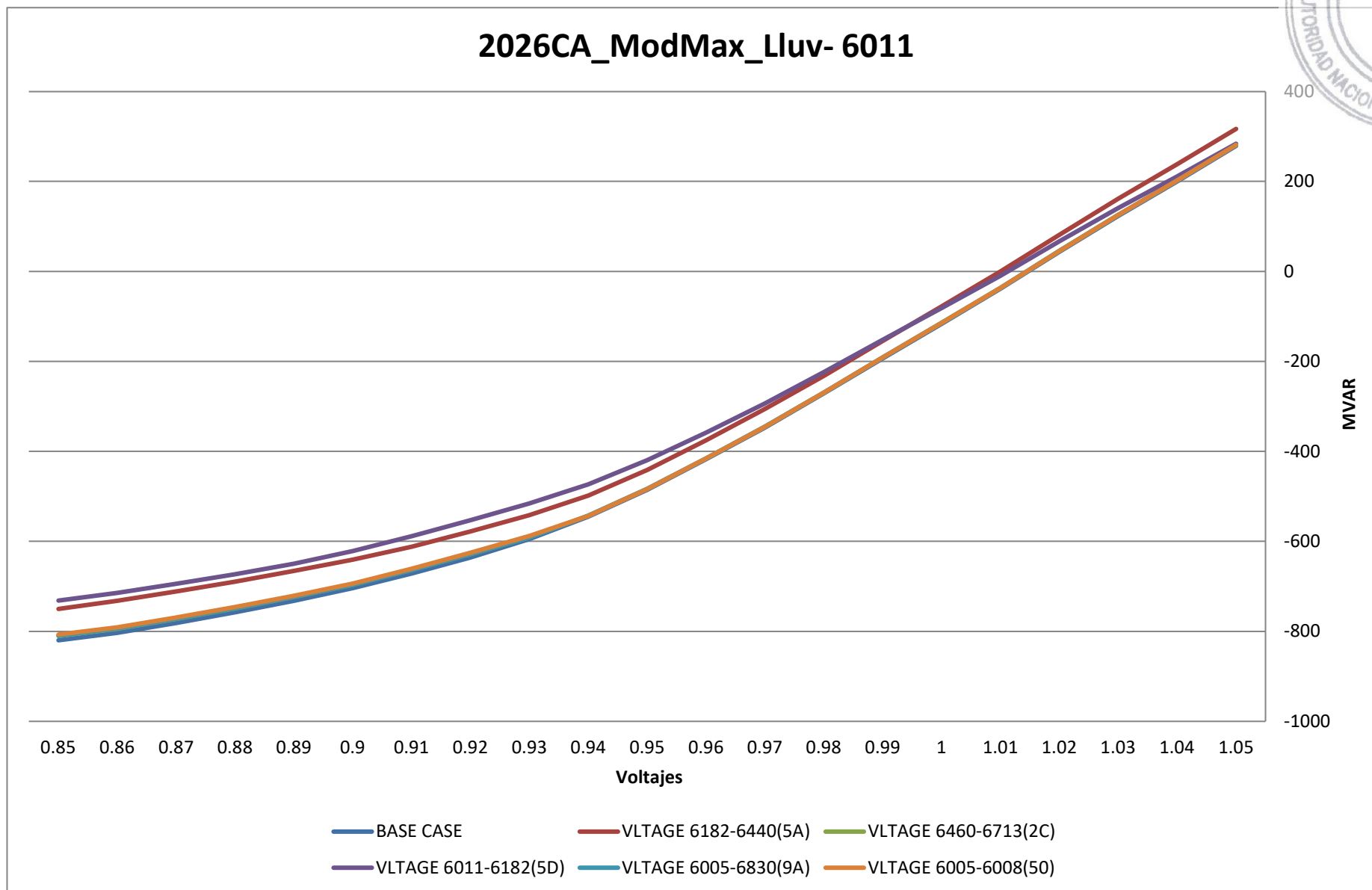
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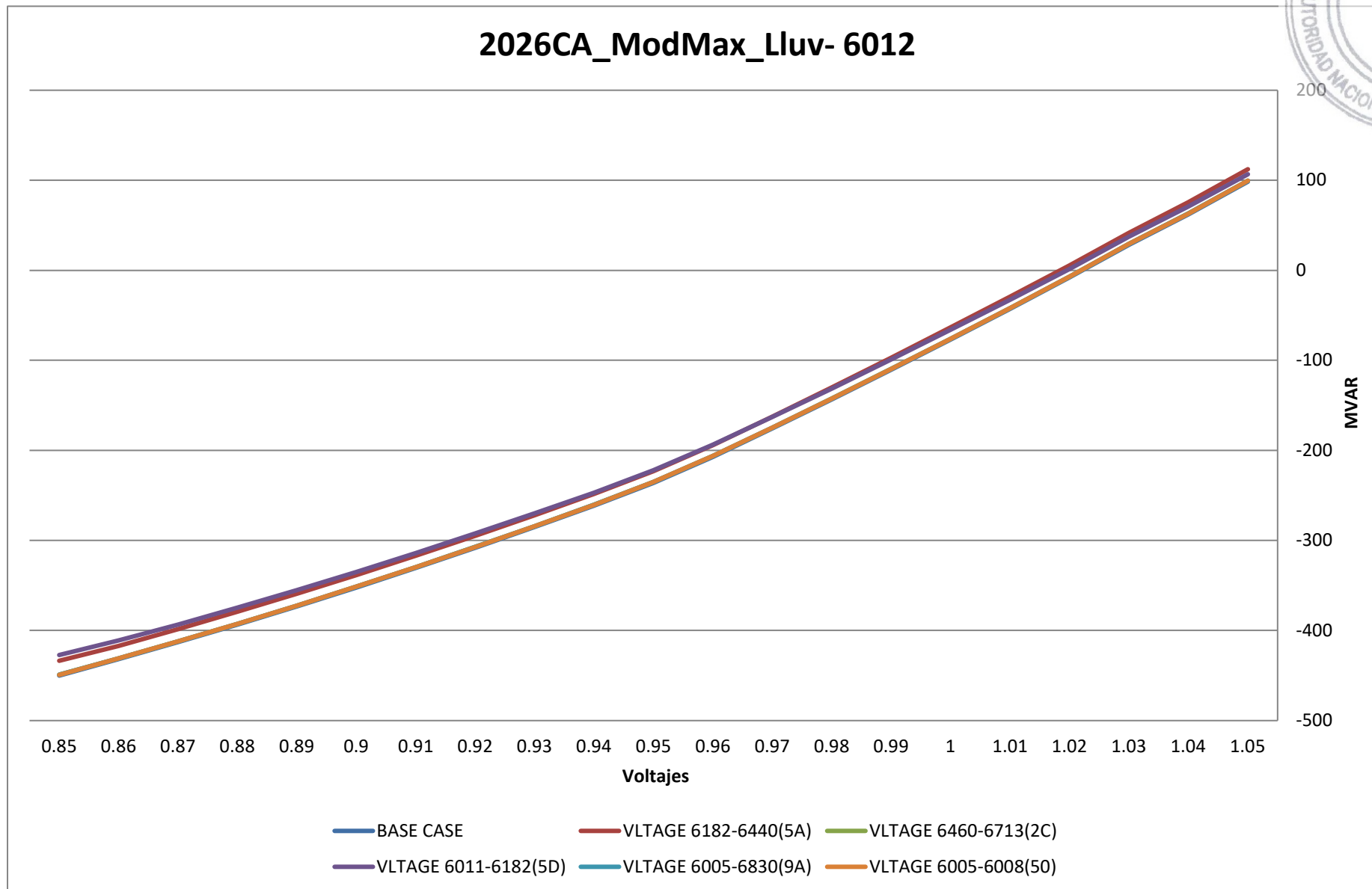
— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6011-6182(5D) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50)

AP

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2026CA_ModMax_Lluv- 6012

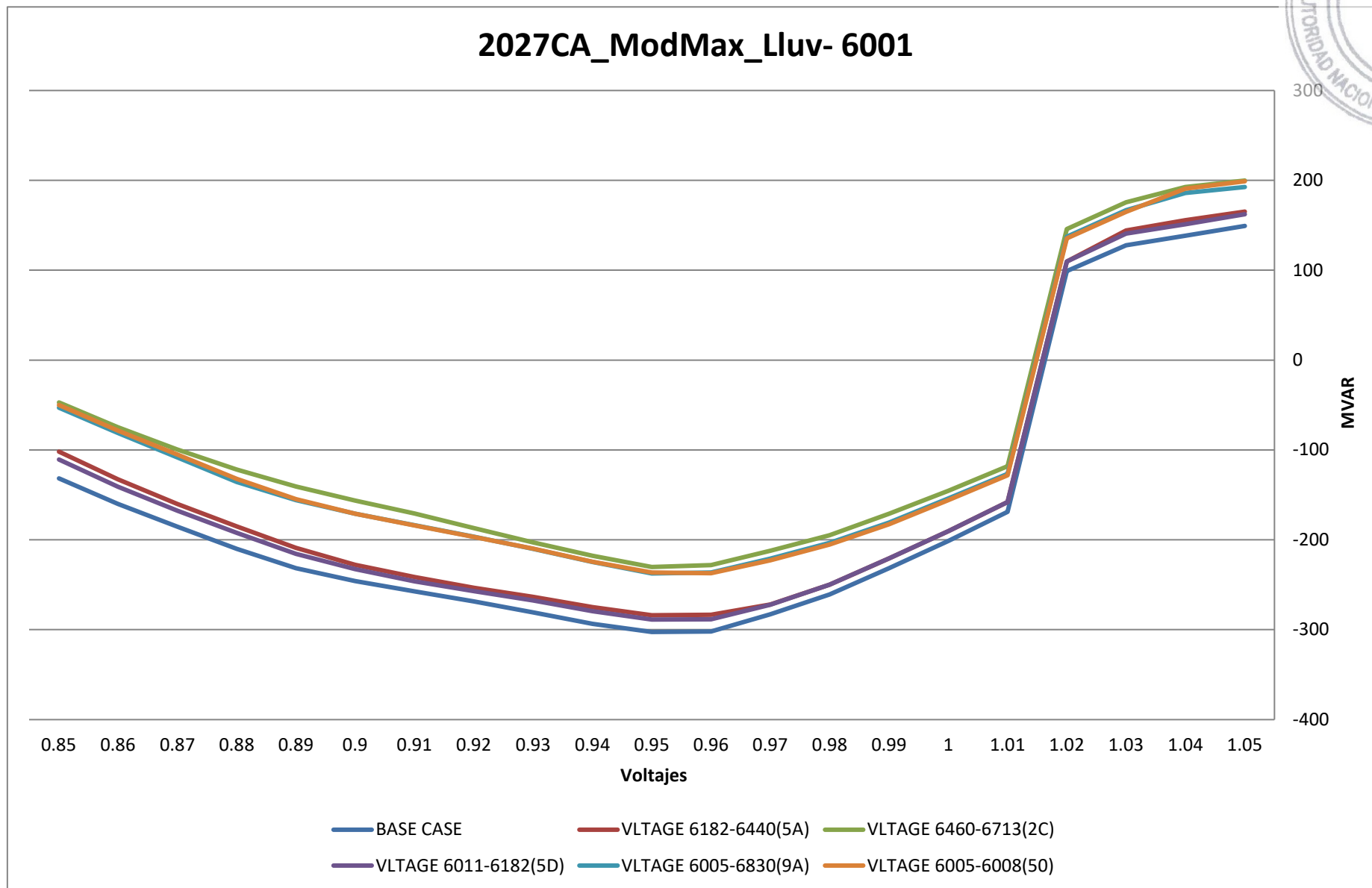




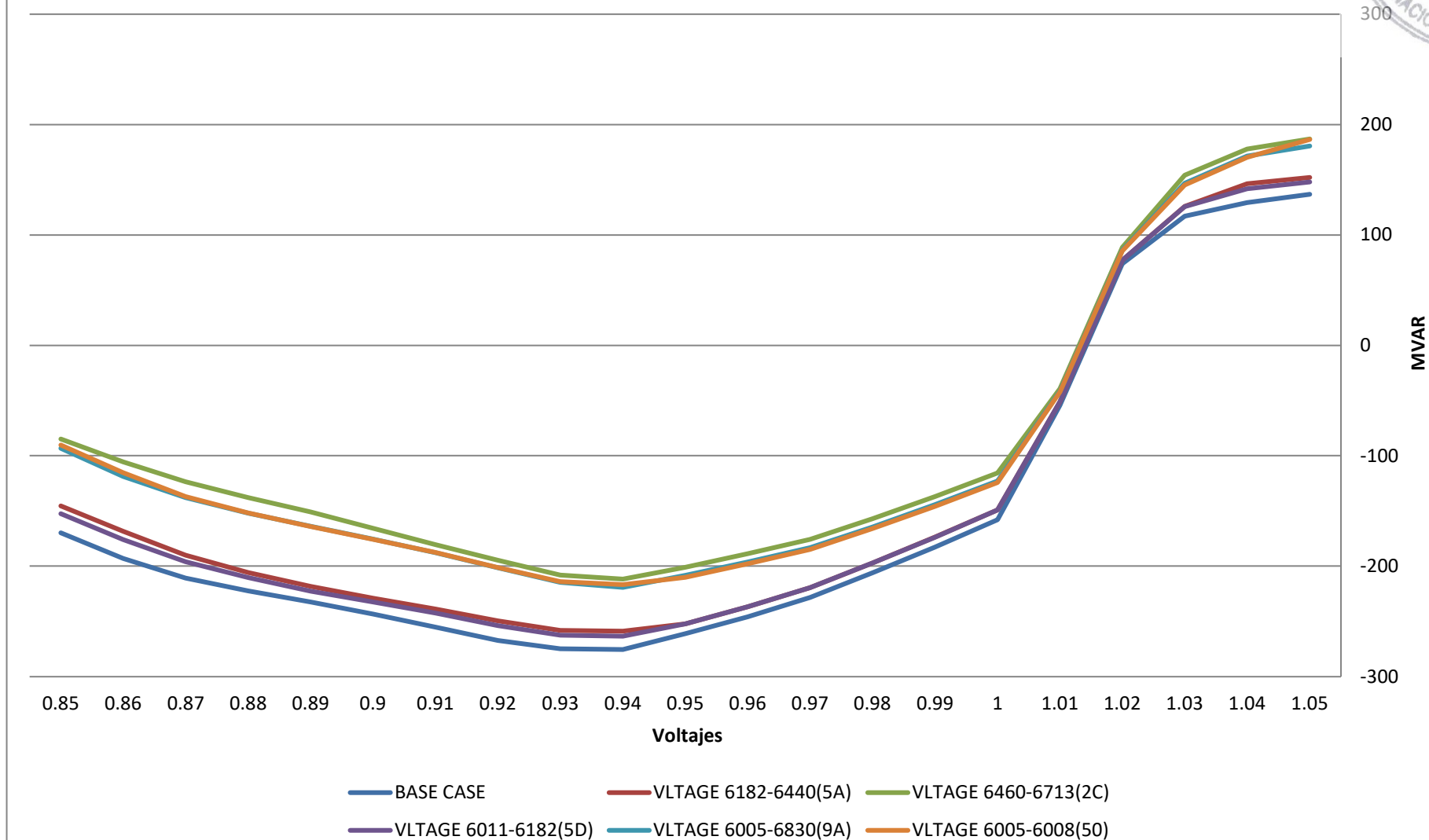
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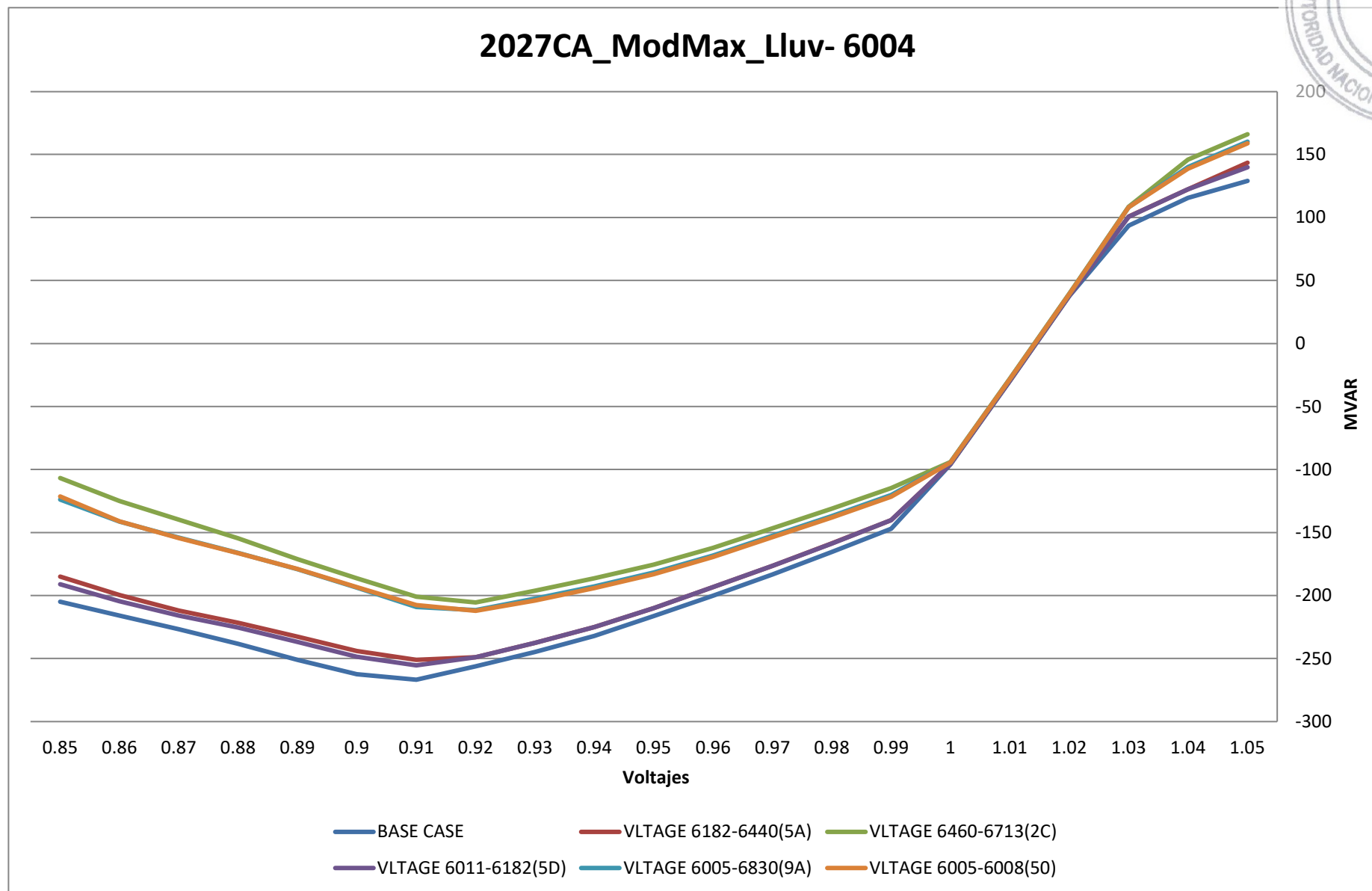
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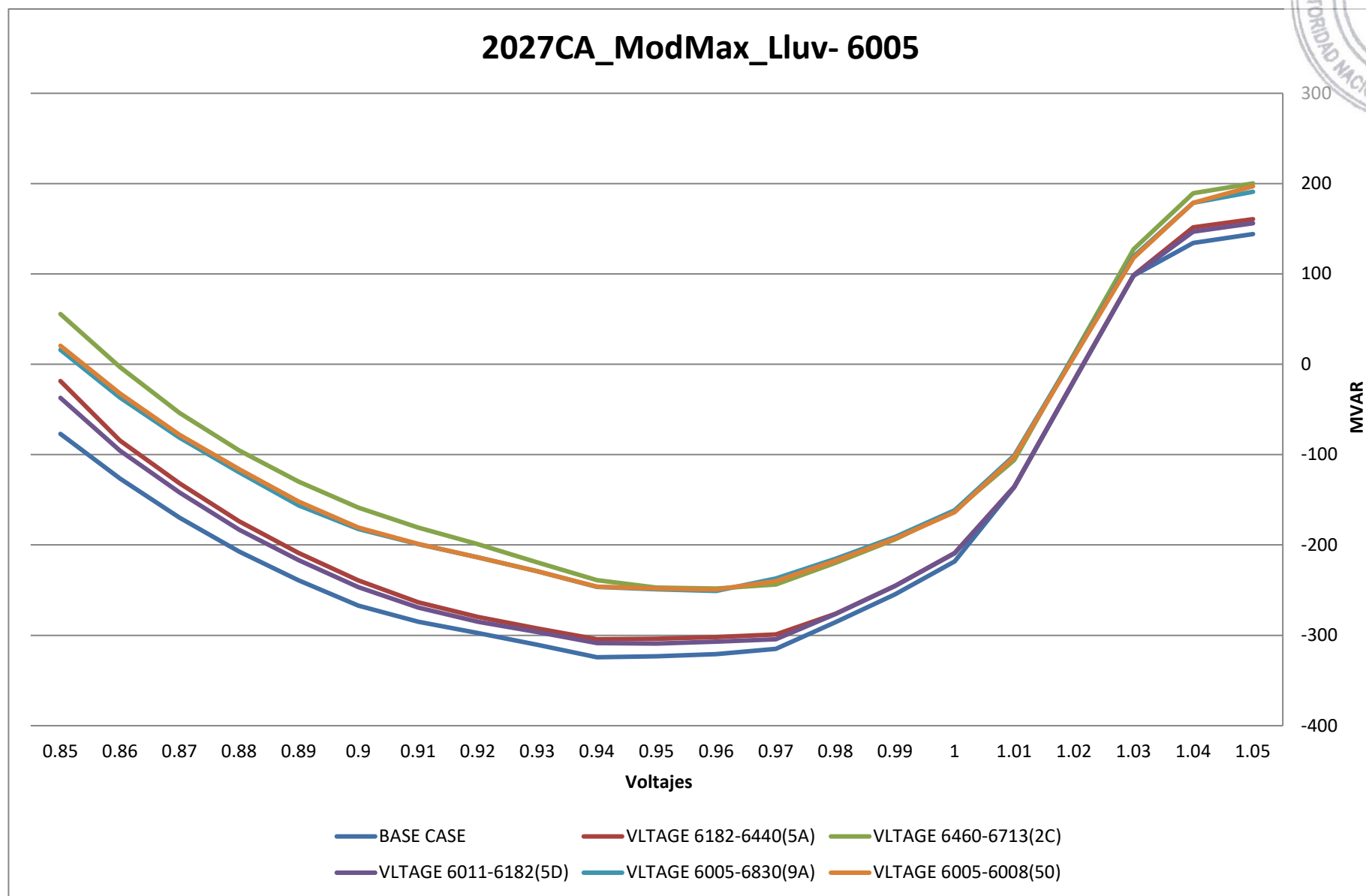
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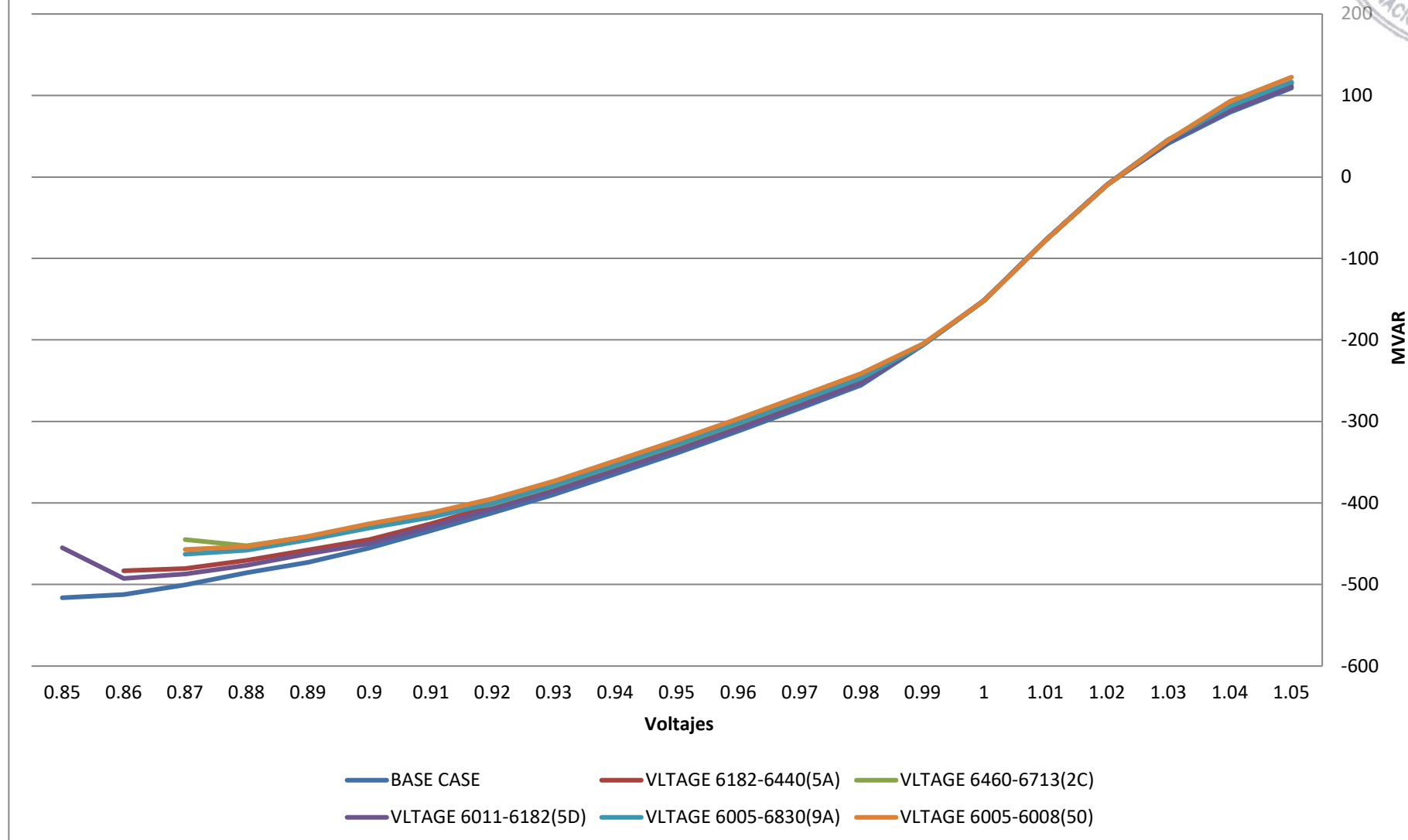
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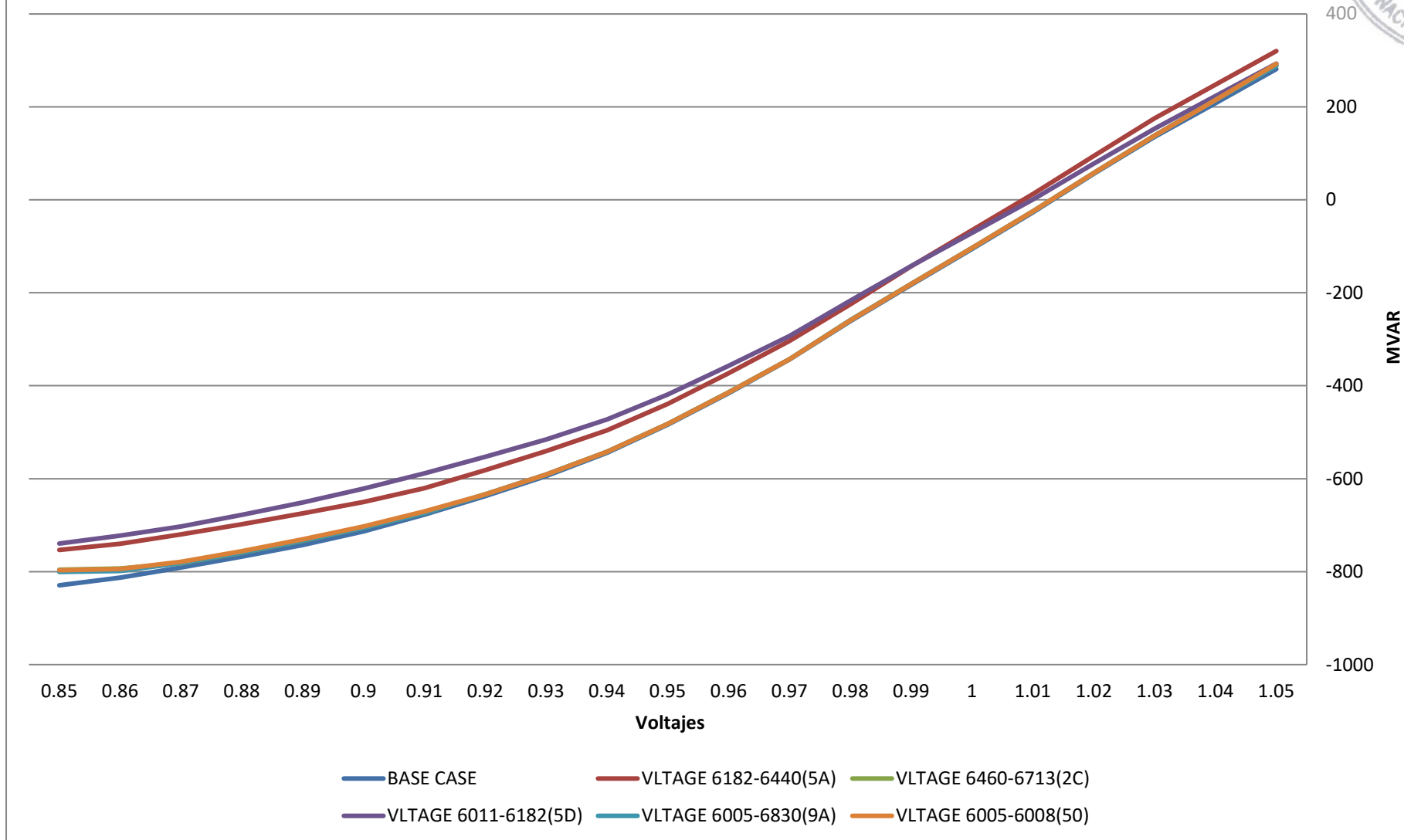
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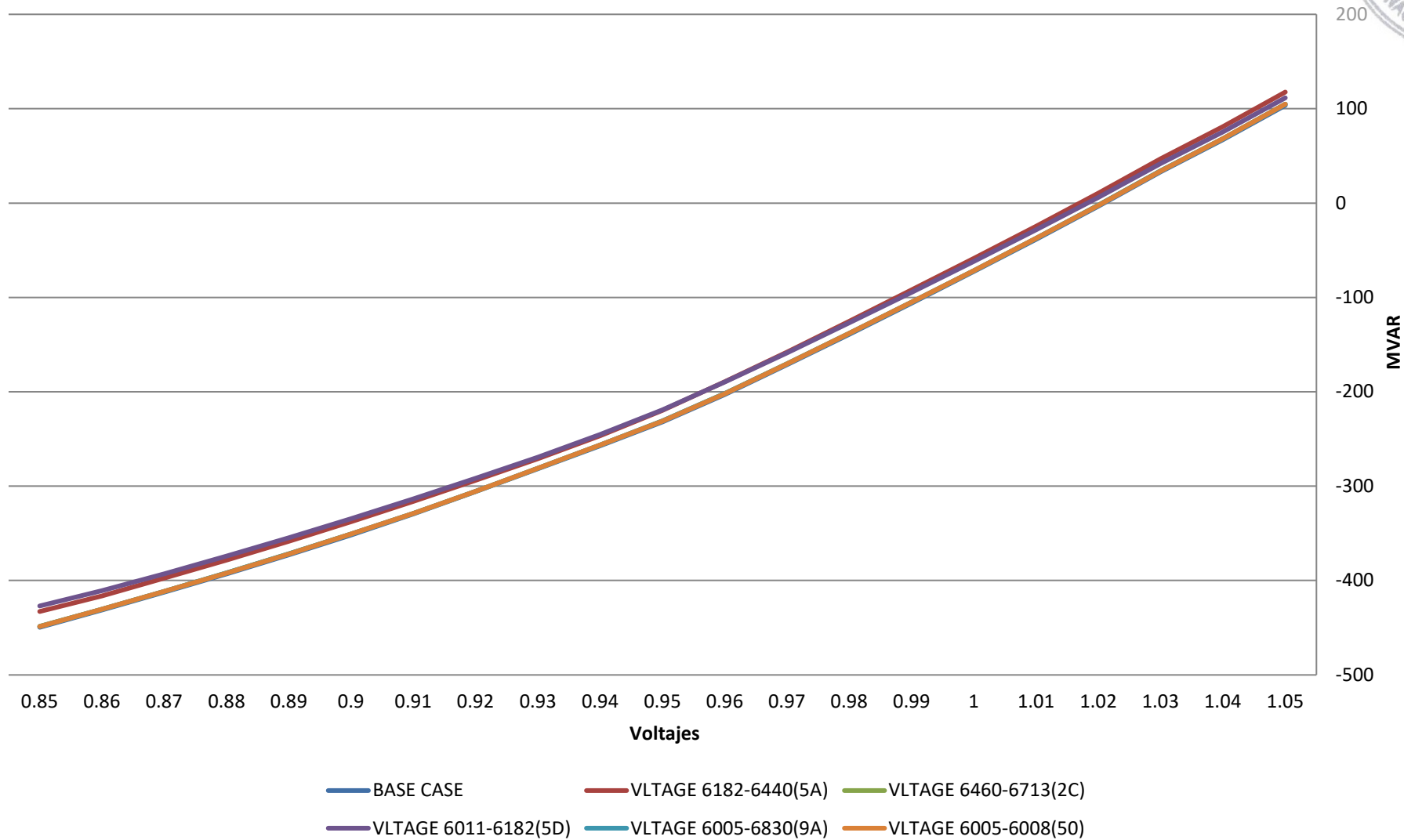
2027CA_ModMax_Lluv- 6009



2027CA_ModMax_Lluv- 6011



2027CA_ModMax_Lluv- 6012

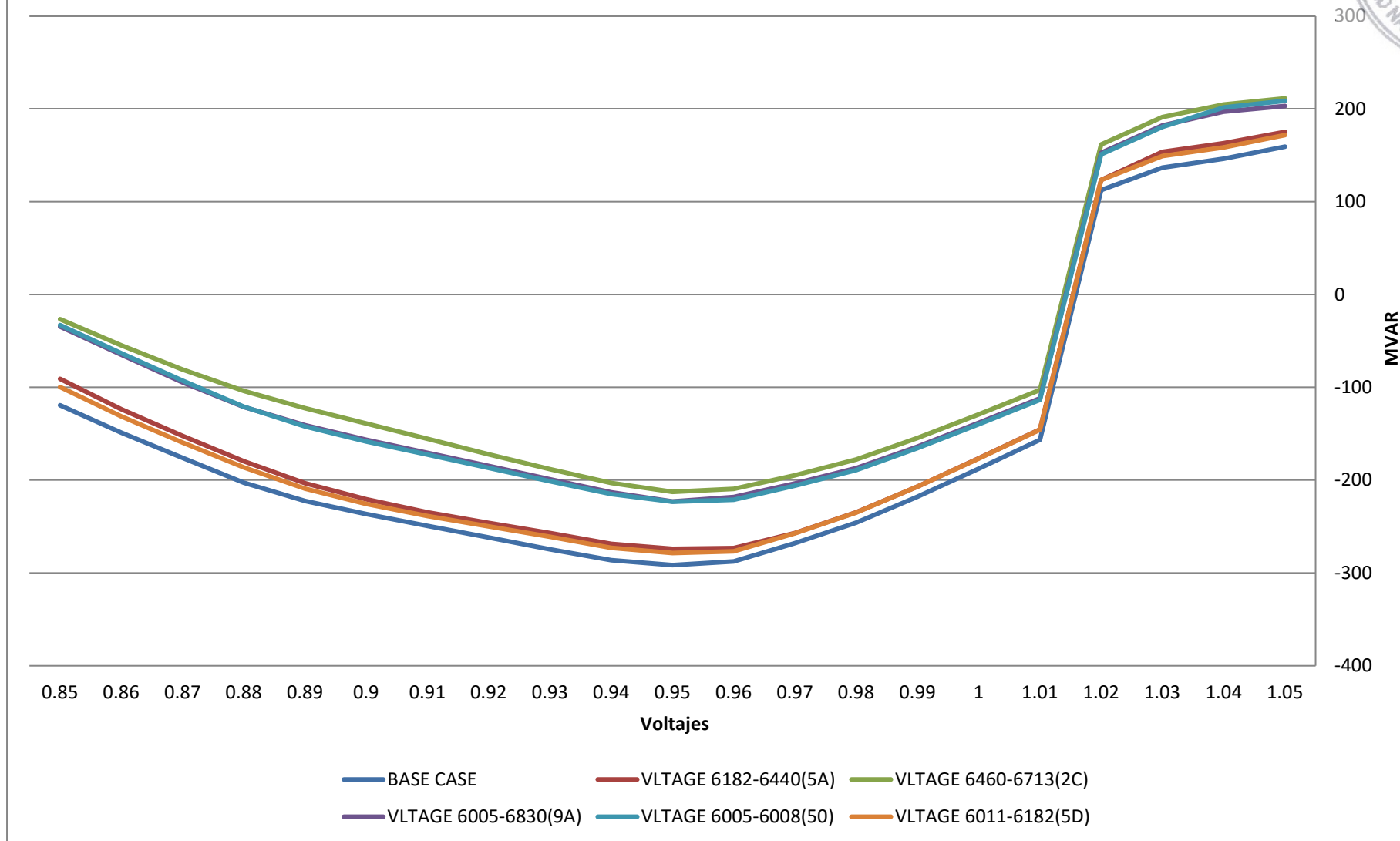




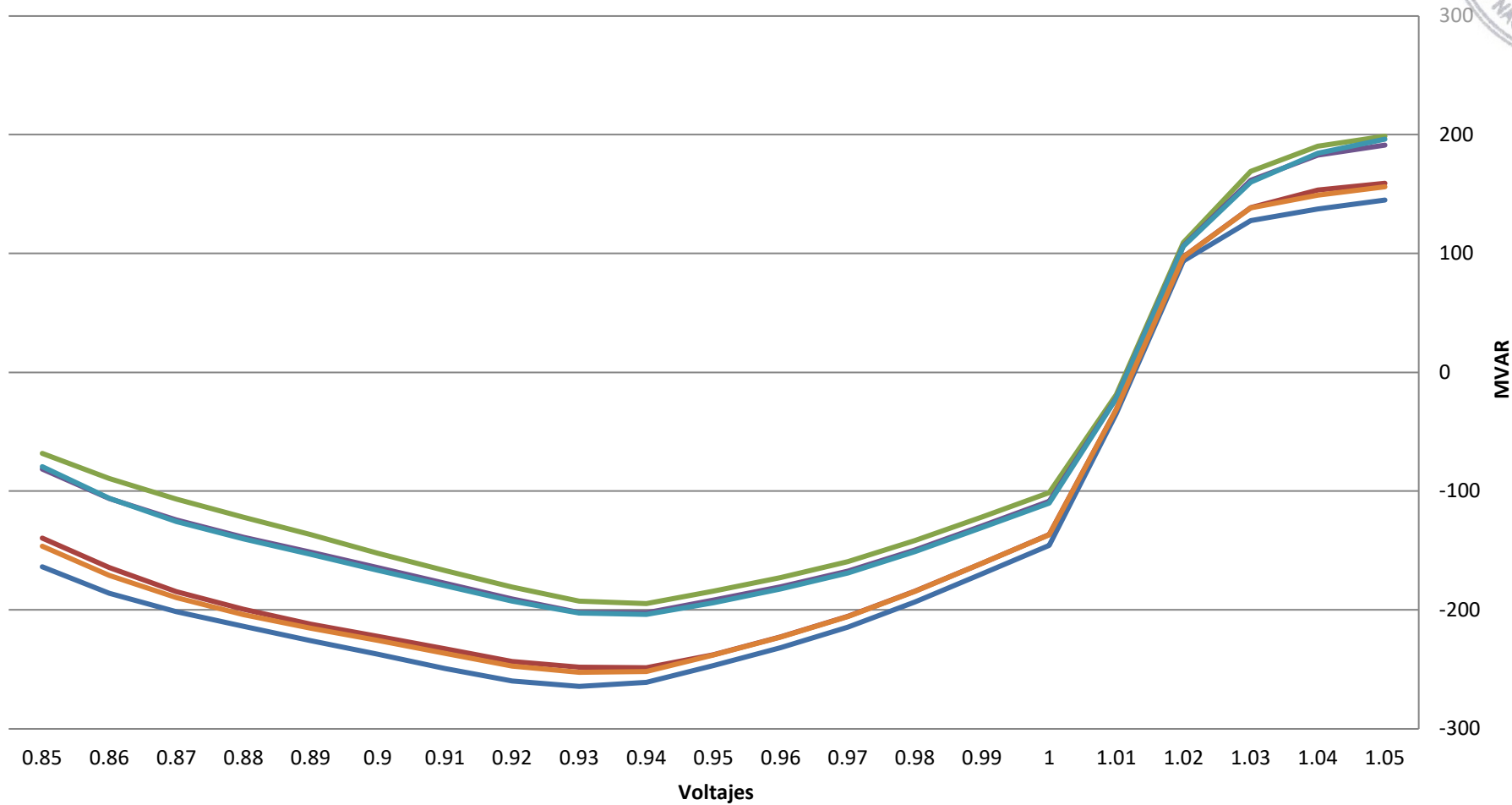
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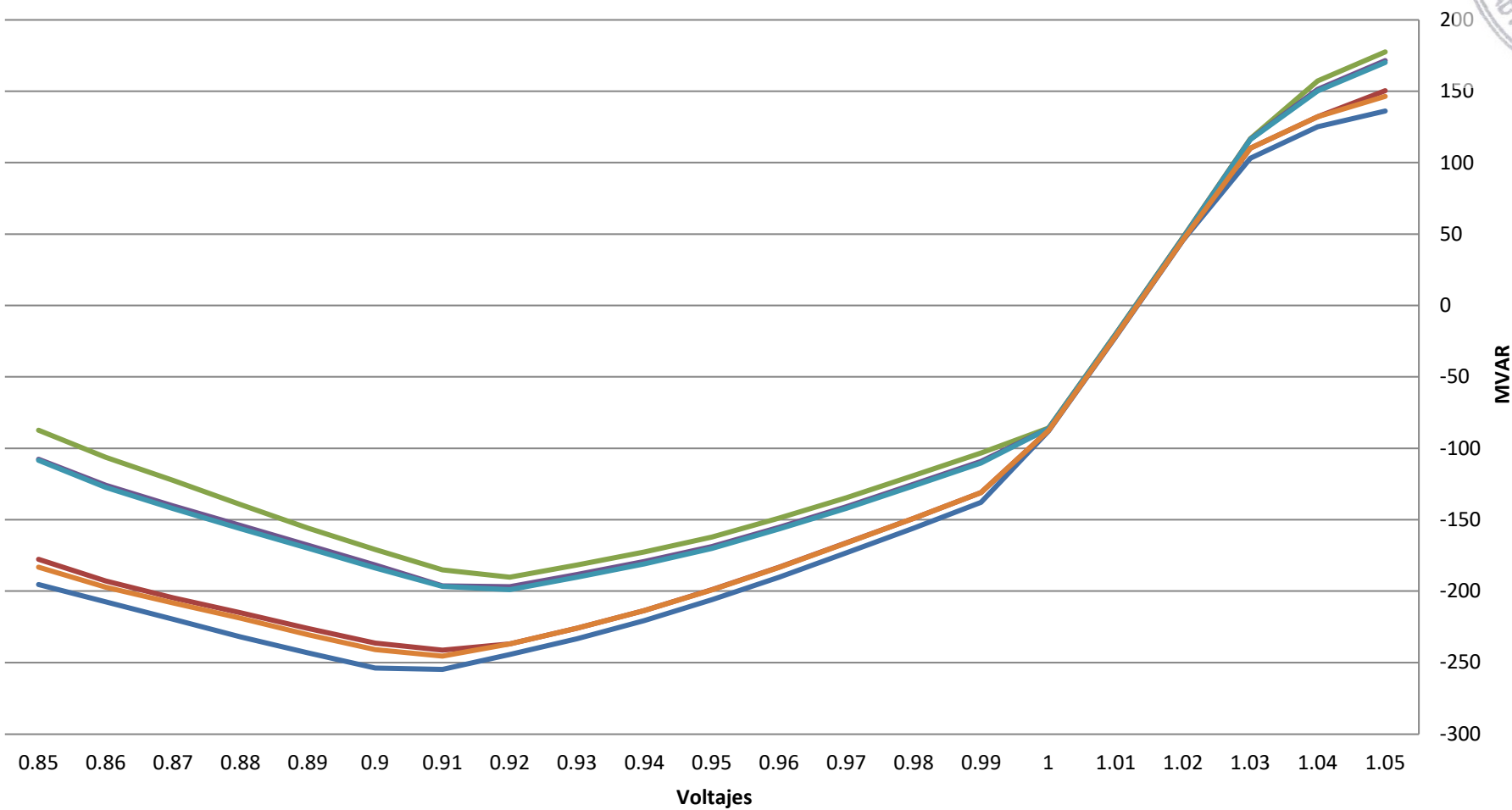
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— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50) — VLTAGE 6011-6182(5D)



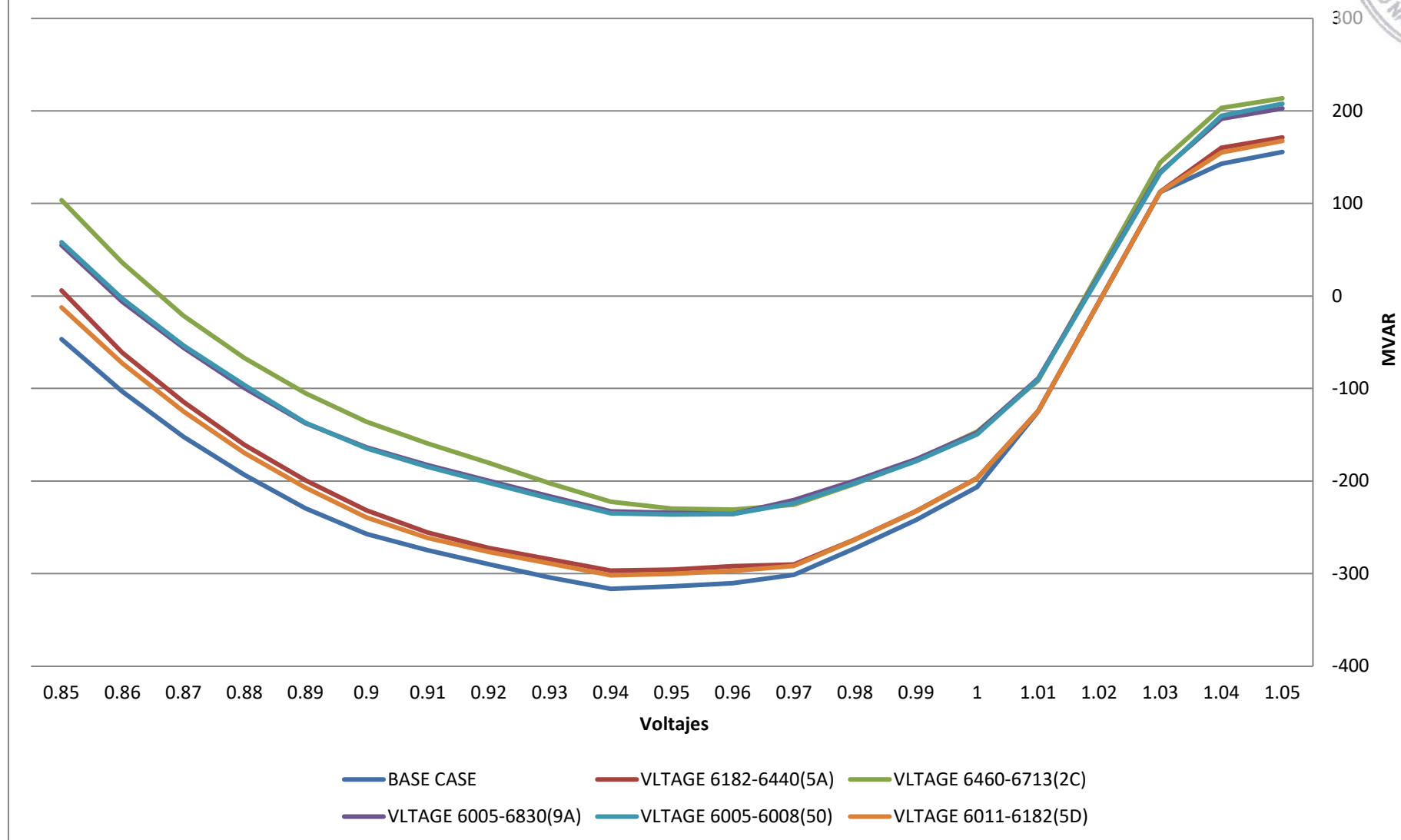
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— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50) — VLTAGE 6011-6182(5D)

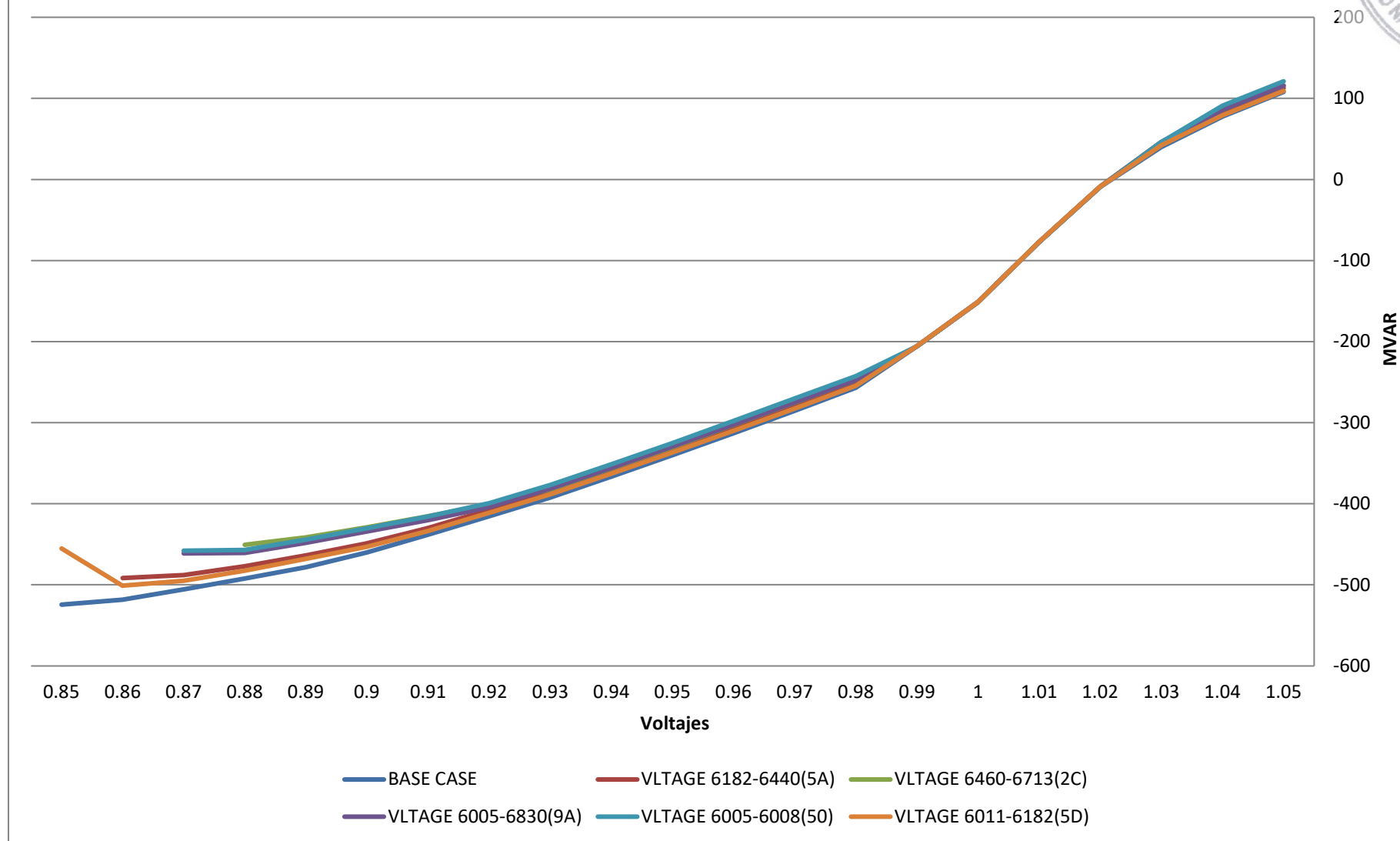
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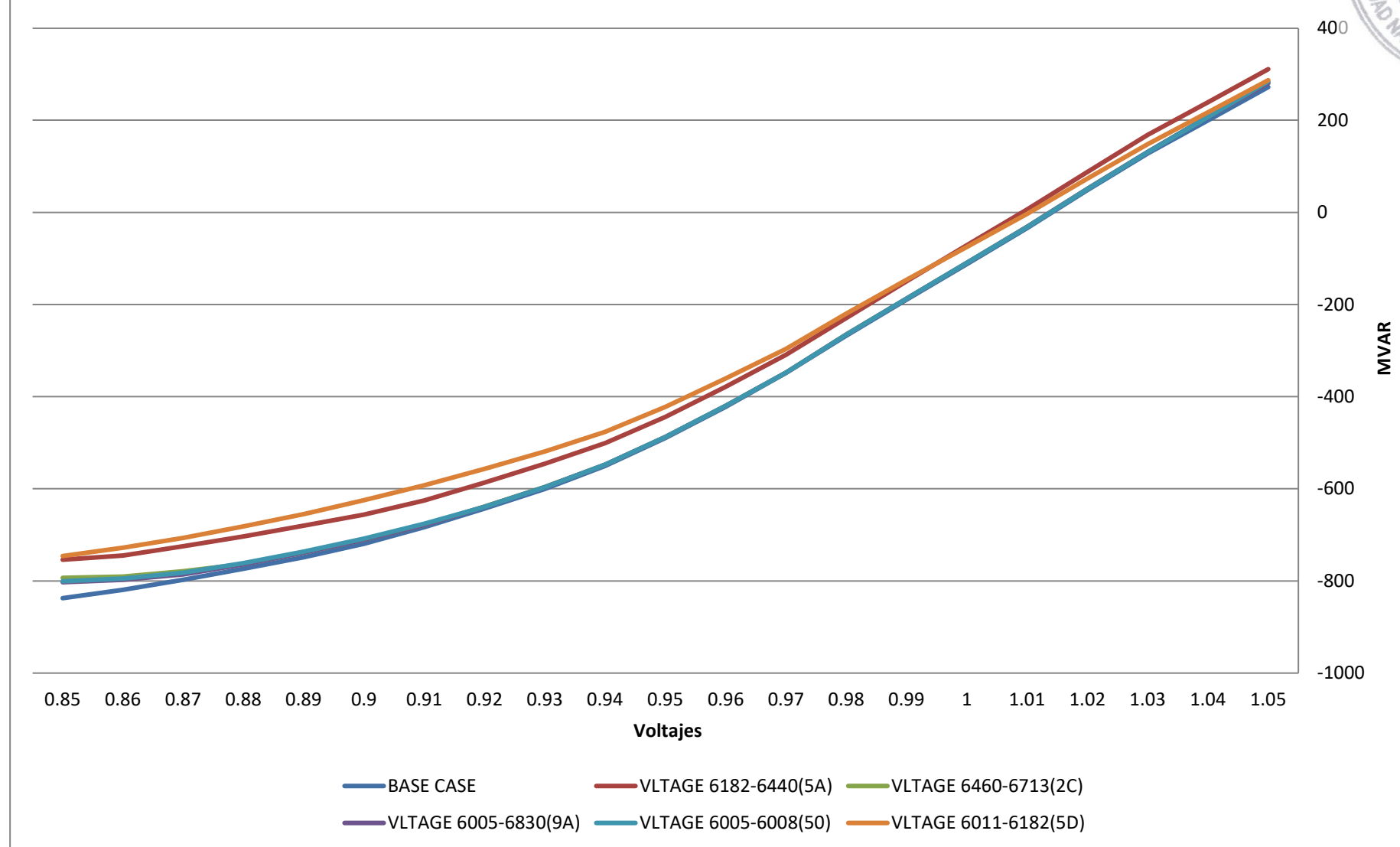
2028CA_ModMax_Lluv- 6009



AP

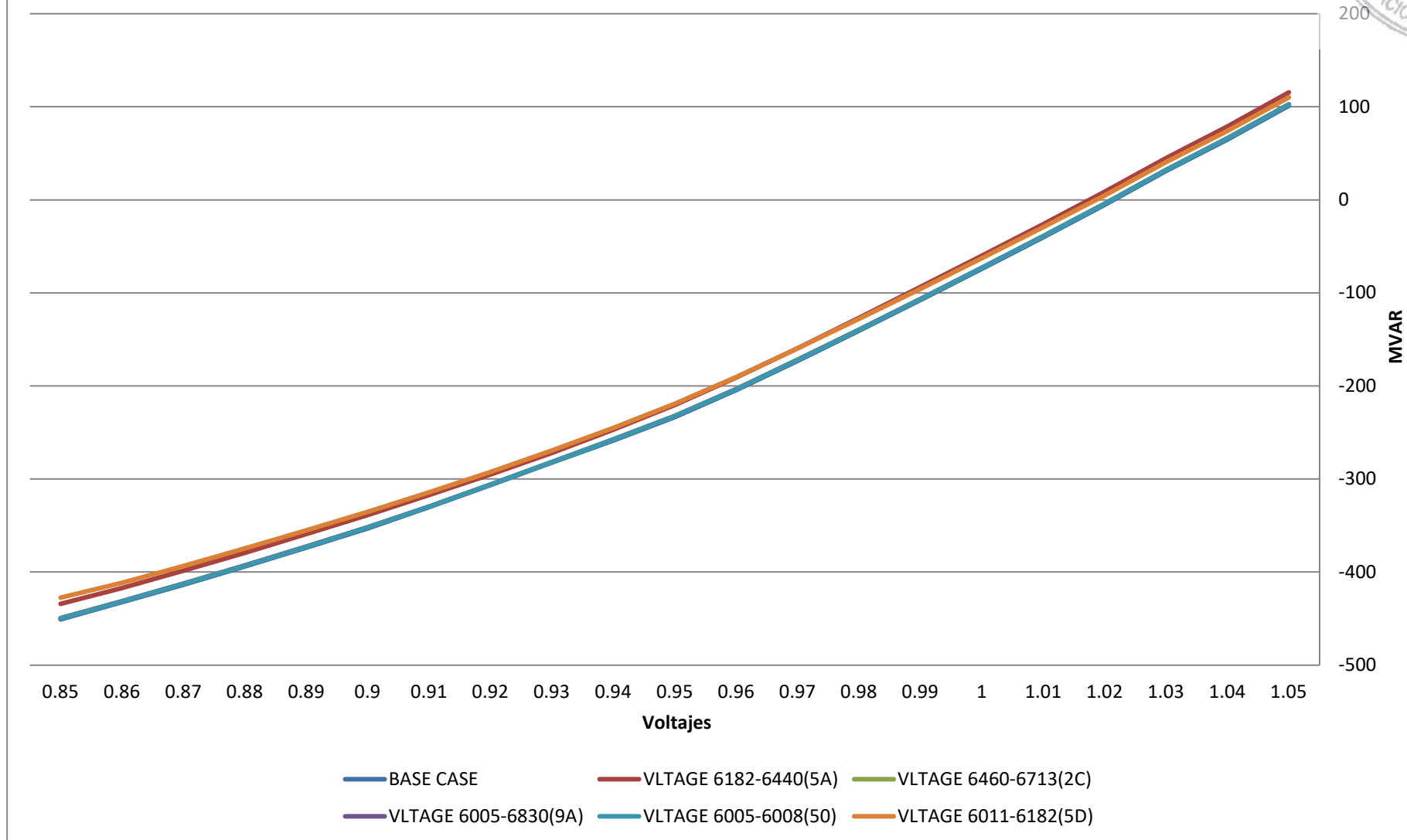


2028CA_ModMax_Lluv- 6011



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2028CA_ModMax_Lluv- 6012

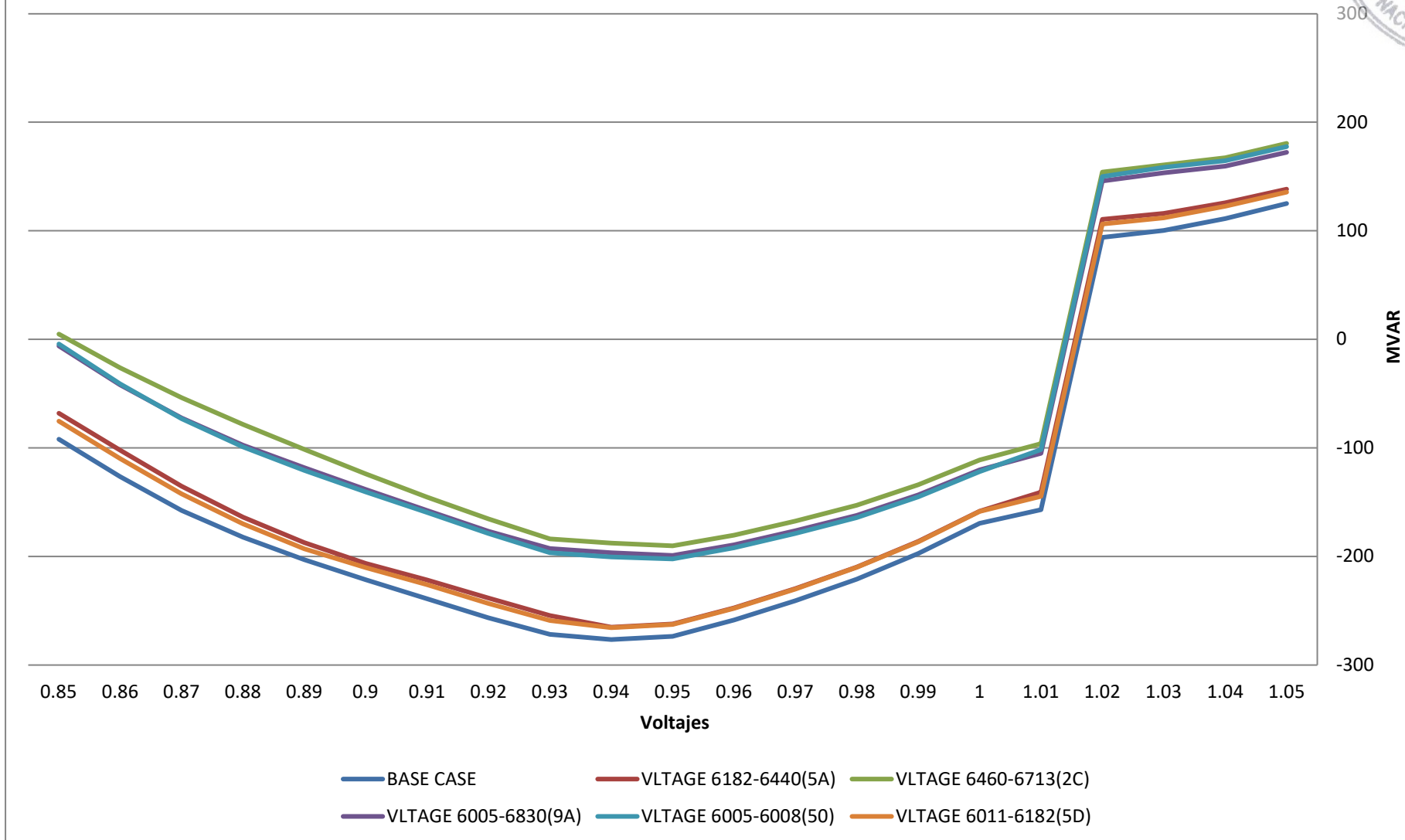




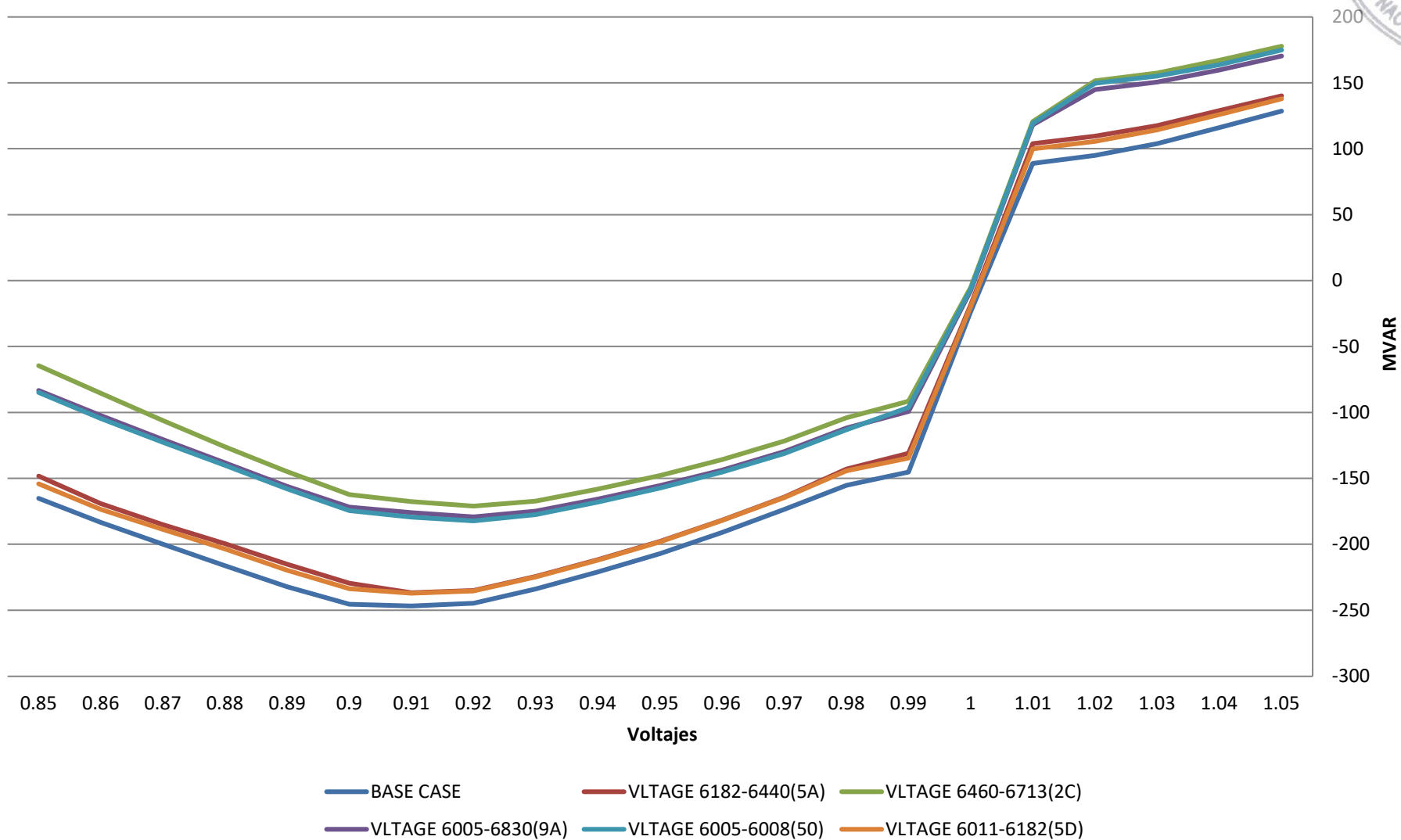
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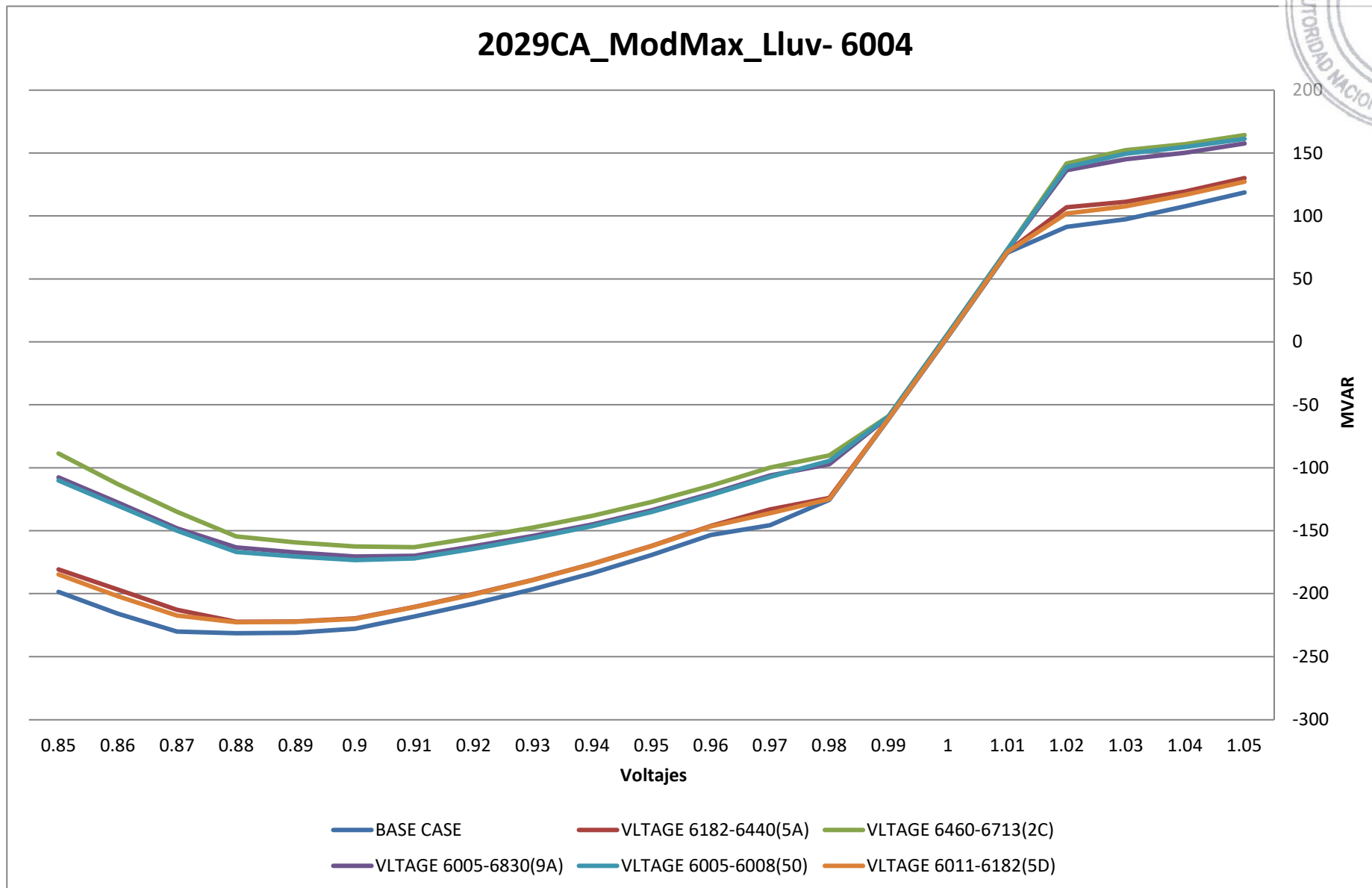
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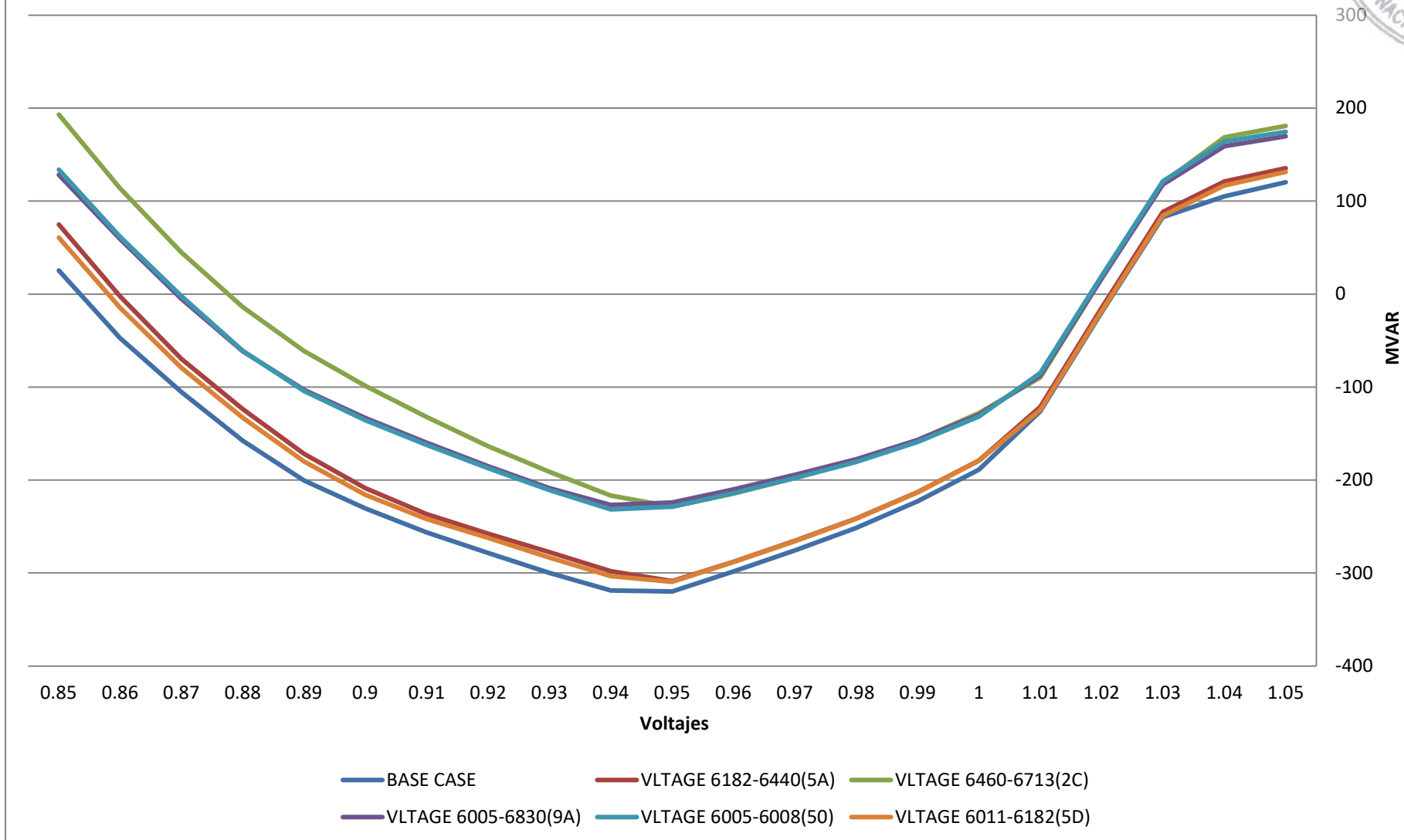
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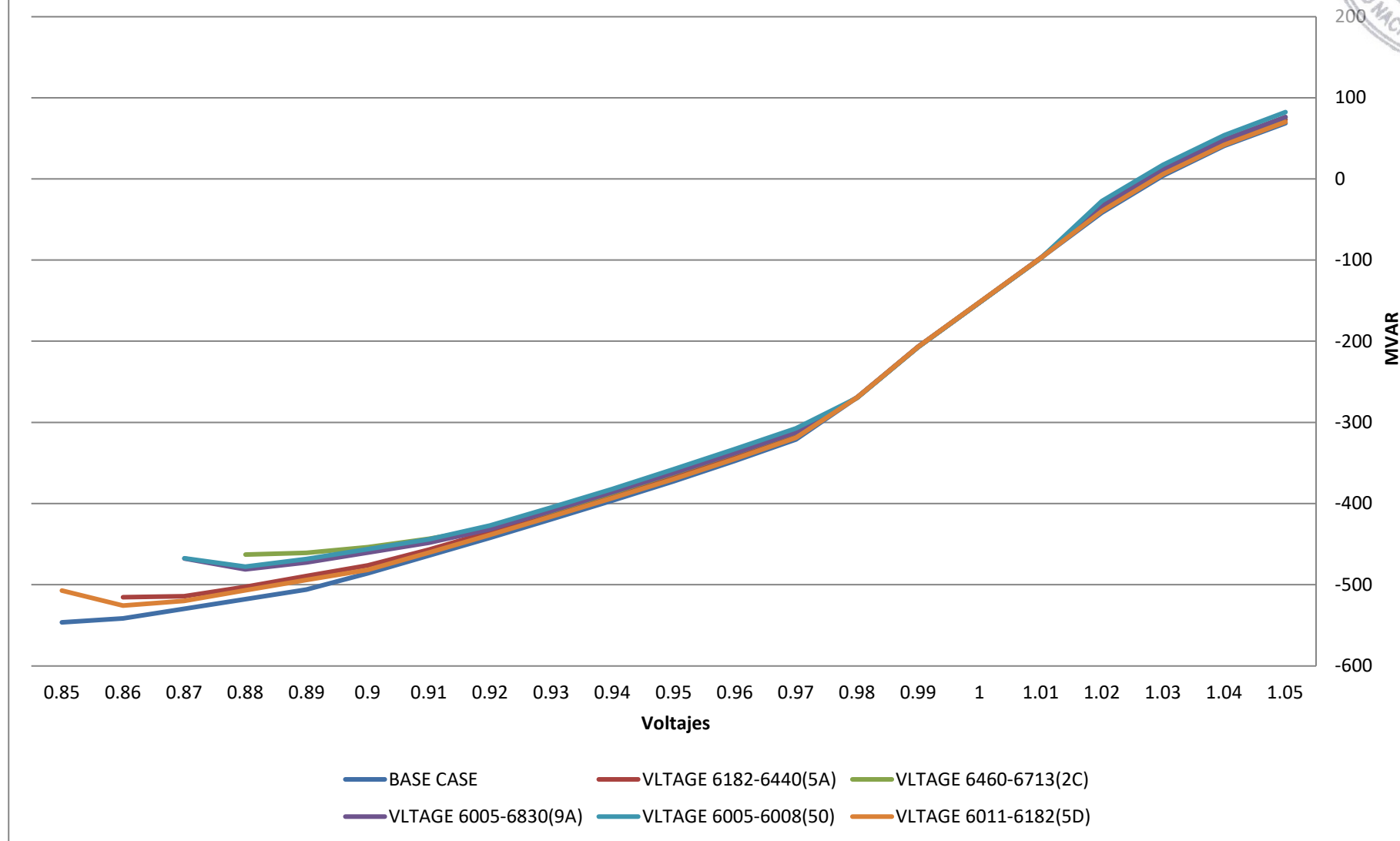
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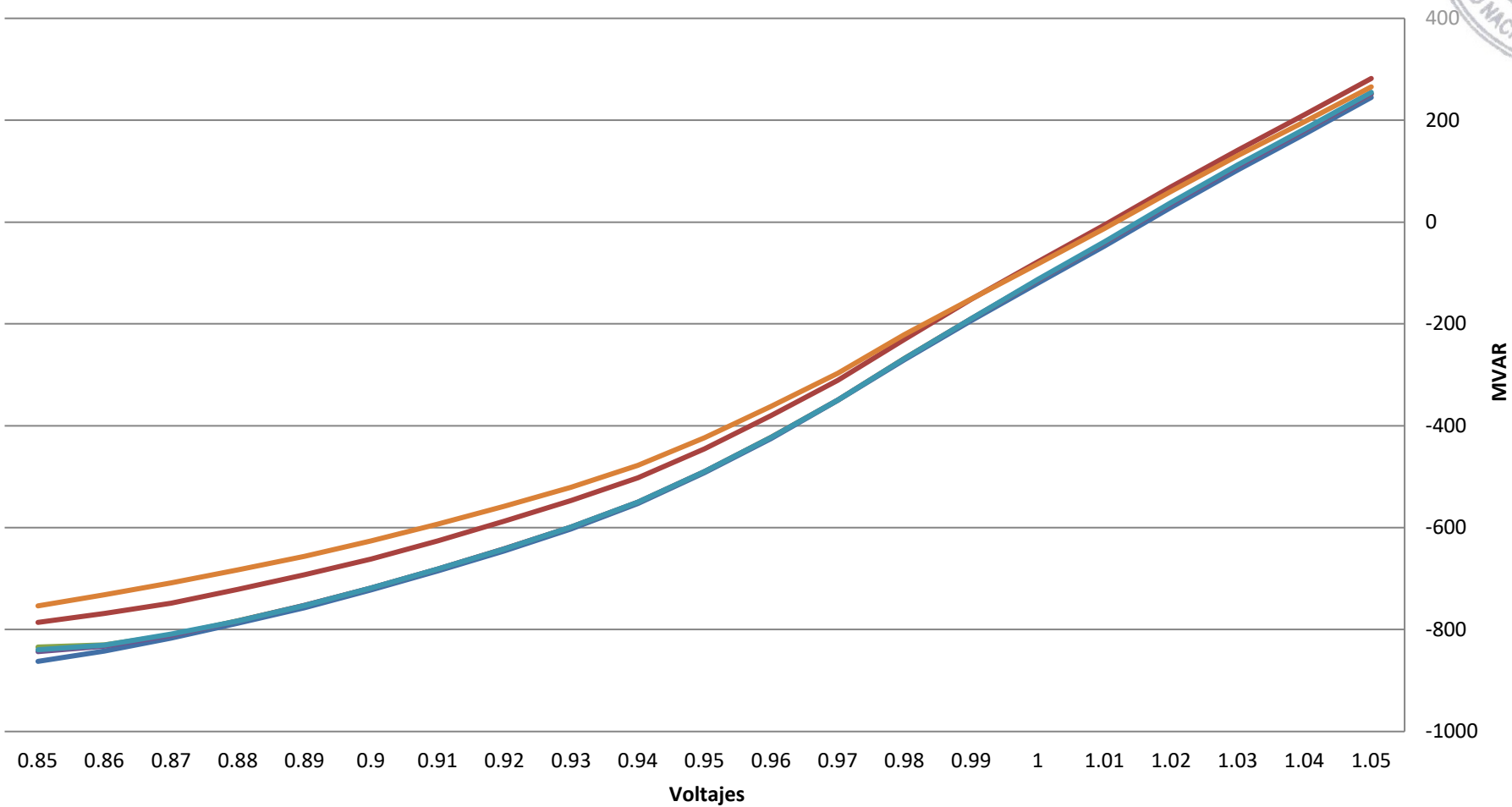
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2029CA_ModMax_Lluv- 6009

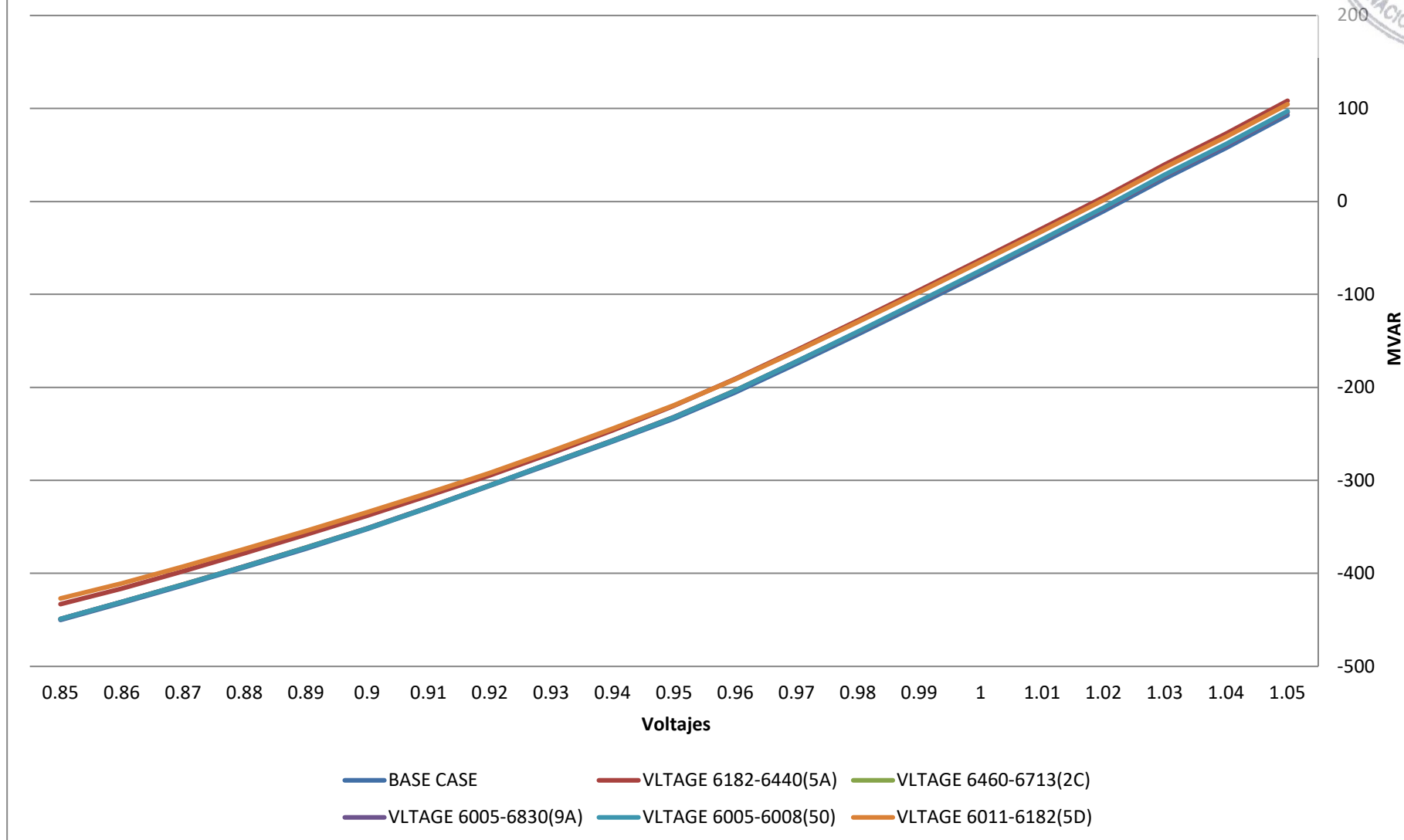


2029CA_ModMax_Lluv- 6011



— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50) — VLTAGE 6011-6182(5D)

2029CA_ModMax_Lluv- 6012

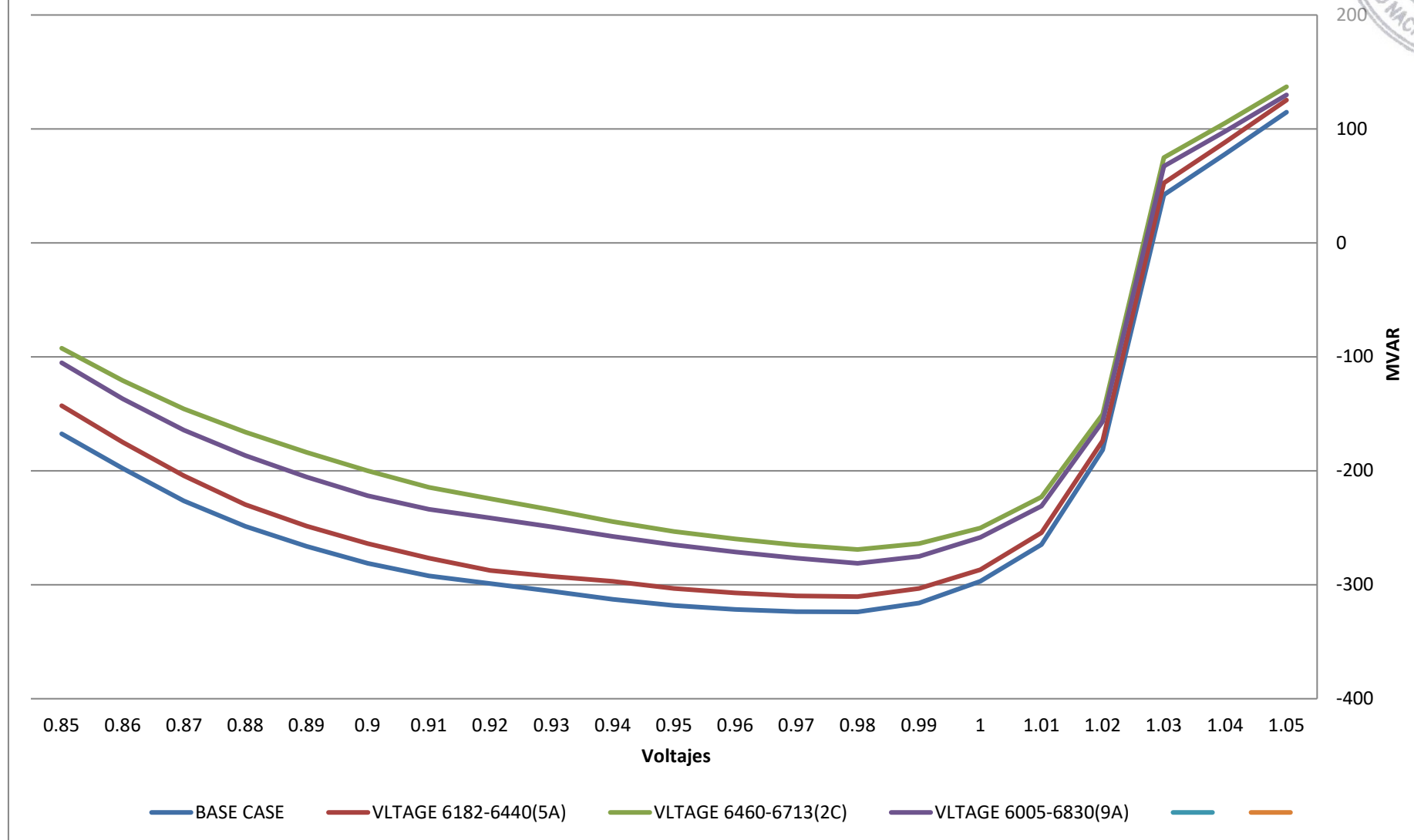




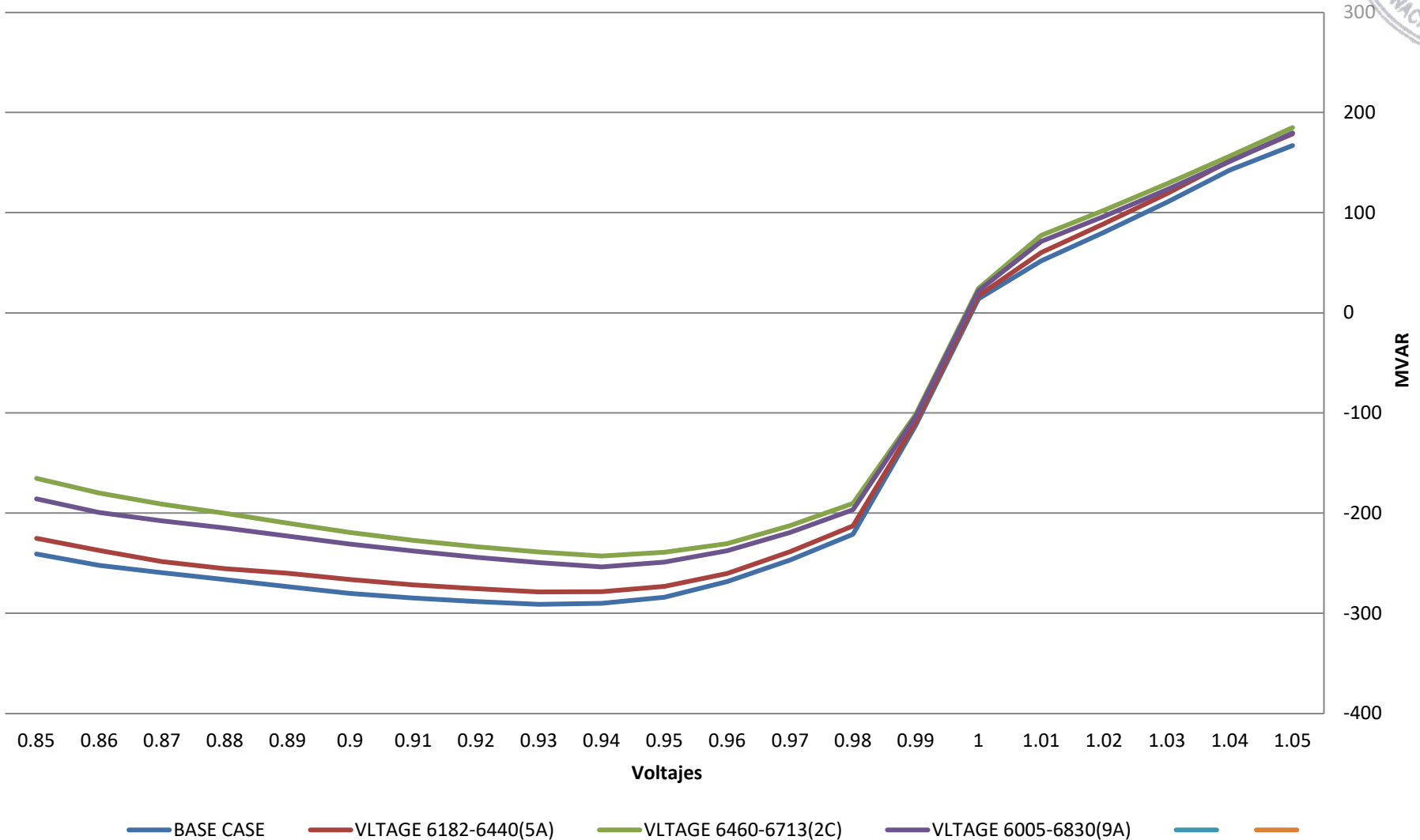
2030 LLUVIOSA

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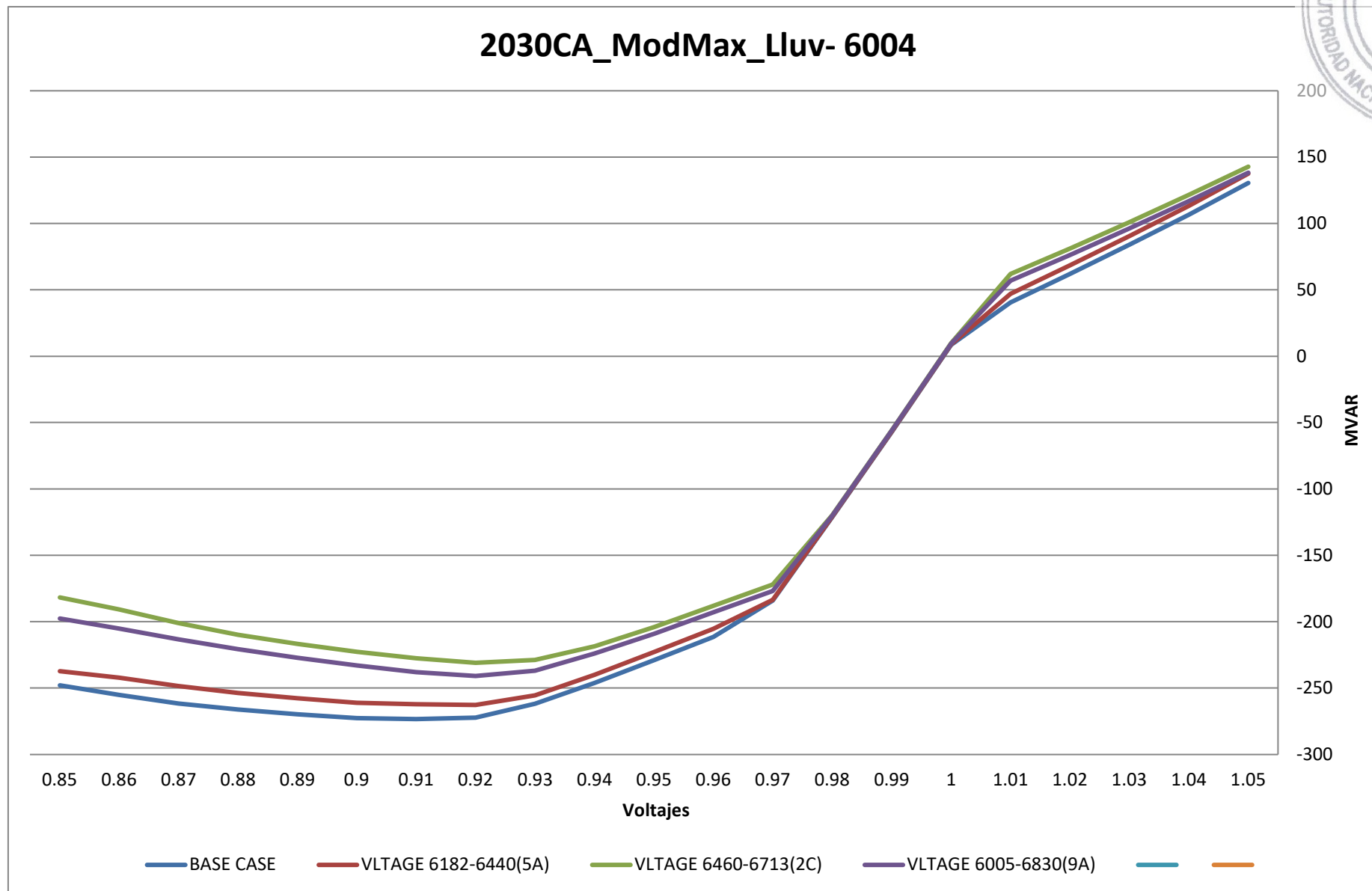
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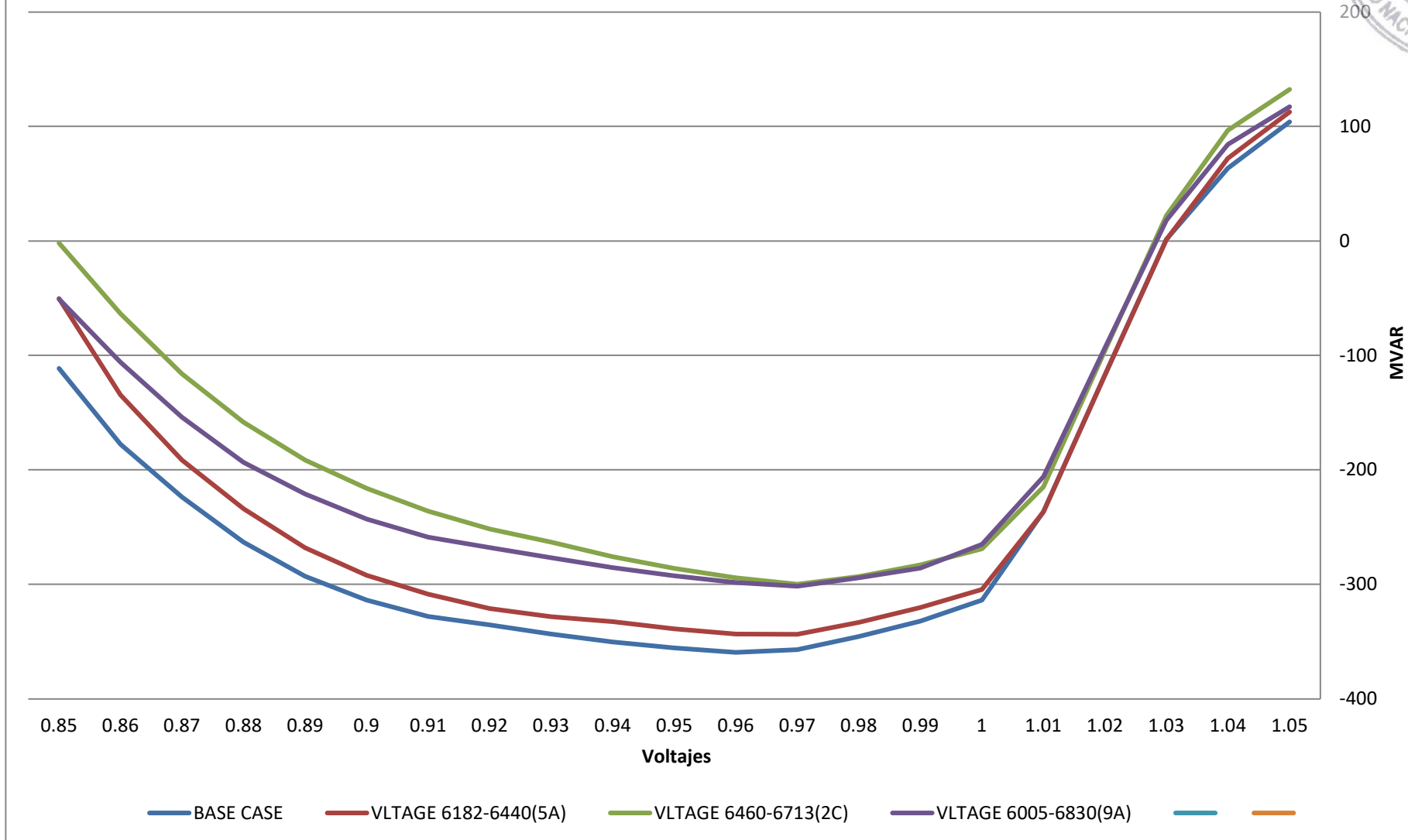
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2030CA_ModMax_Lluv- 6004

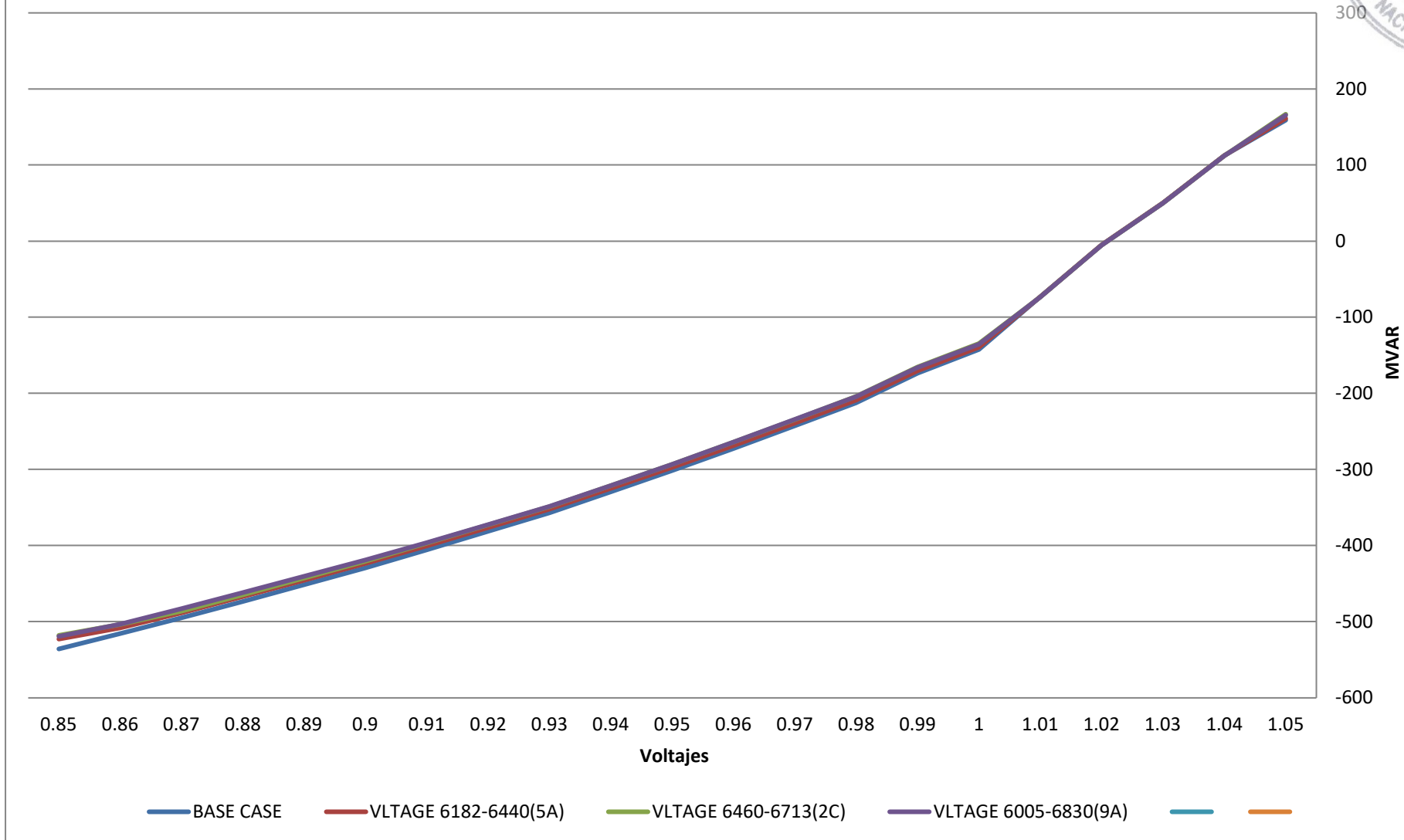


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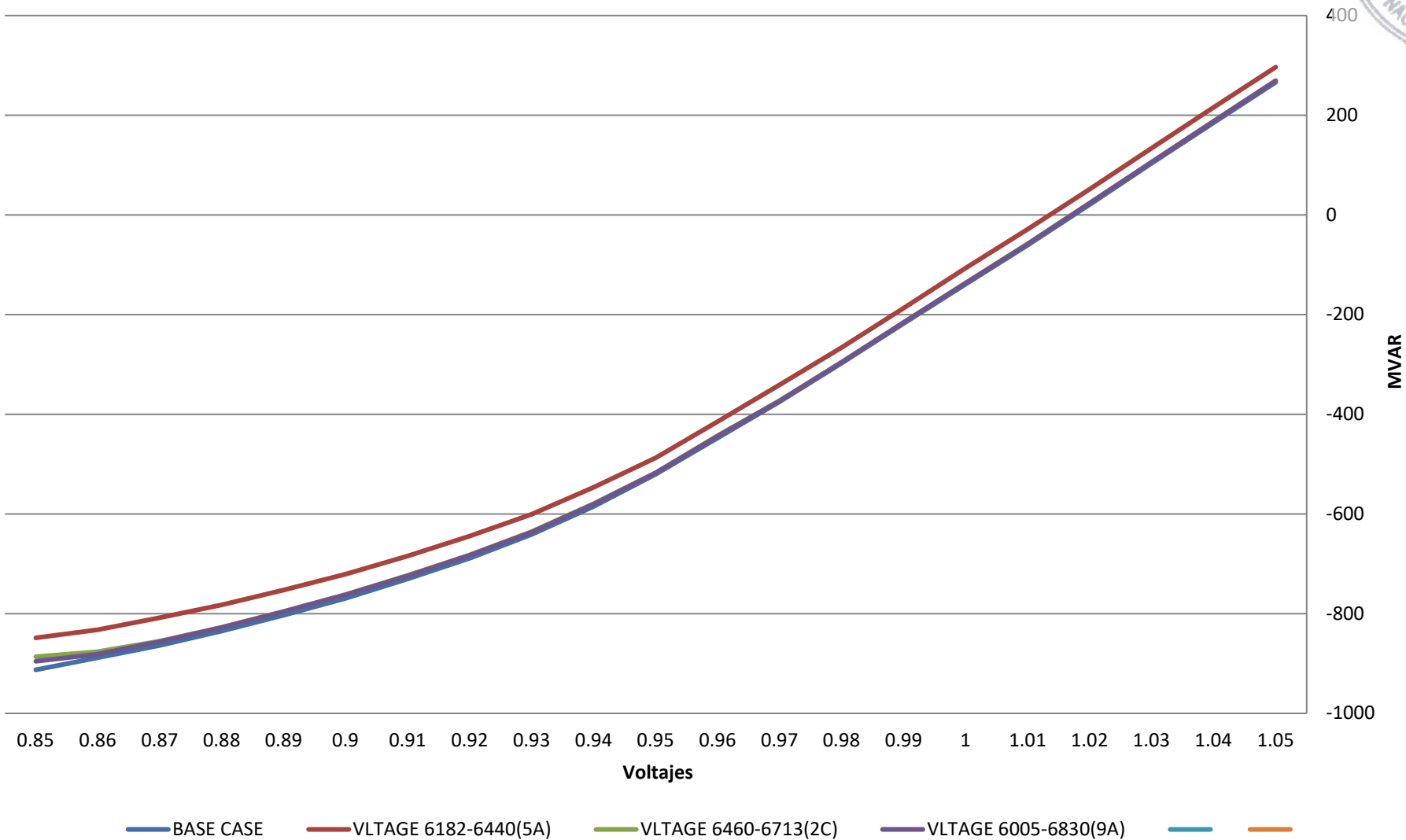
2030CA_ModMax_Lluv- 6009



AP

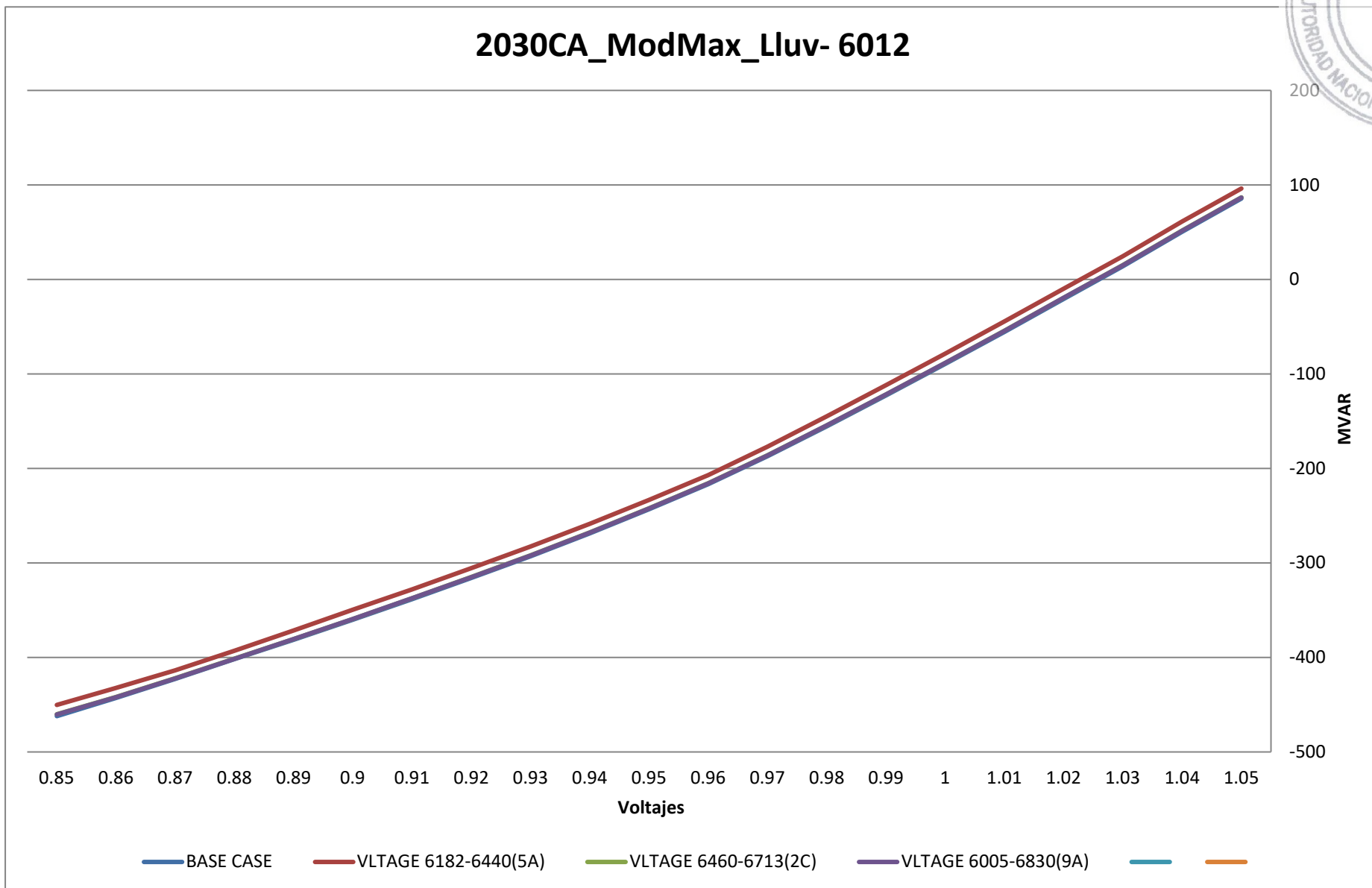


2030CA_ModMax_Lluv- 6011



AP

2030CA_ModMax_Lluv- 6012



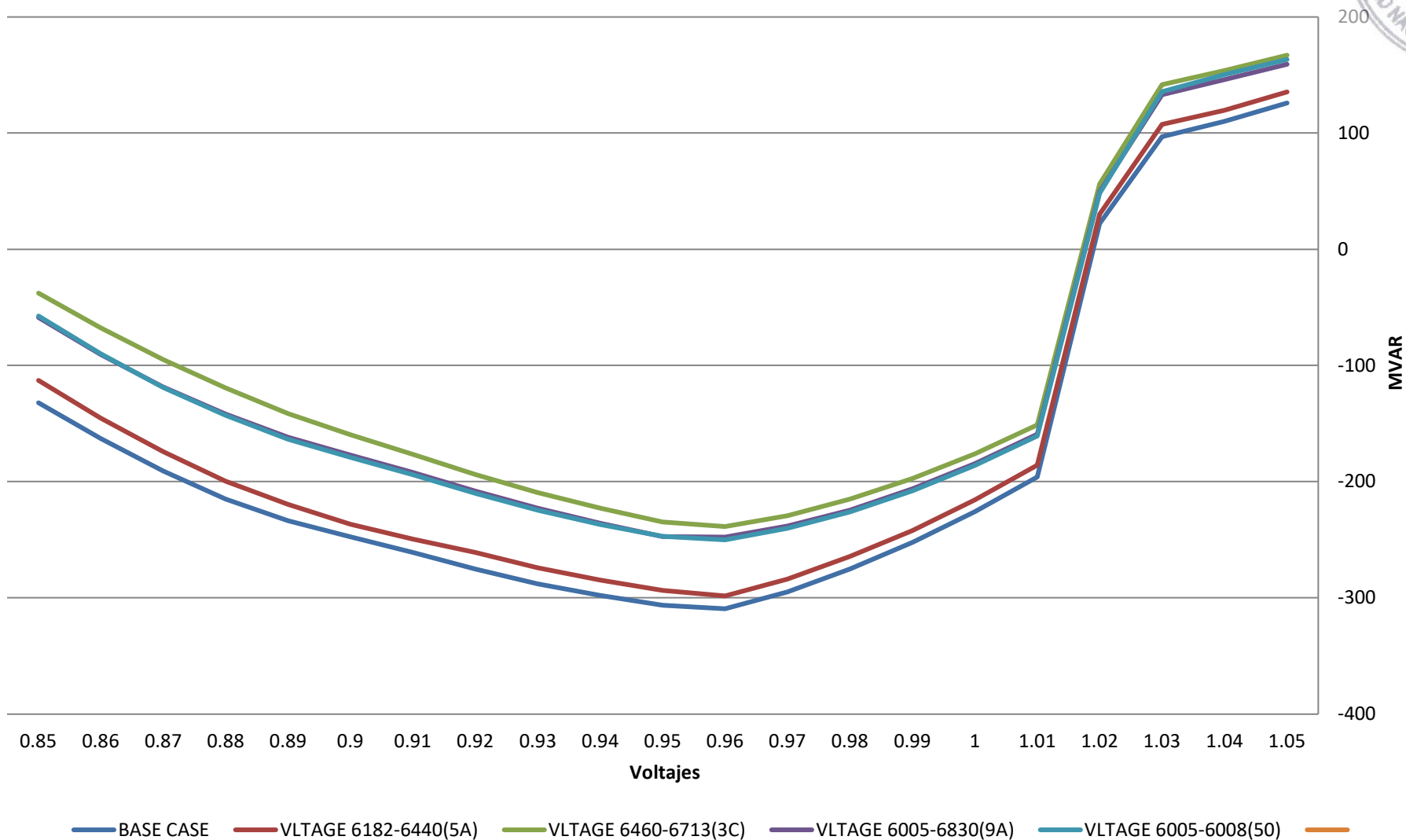


2032 LLUVIOSA

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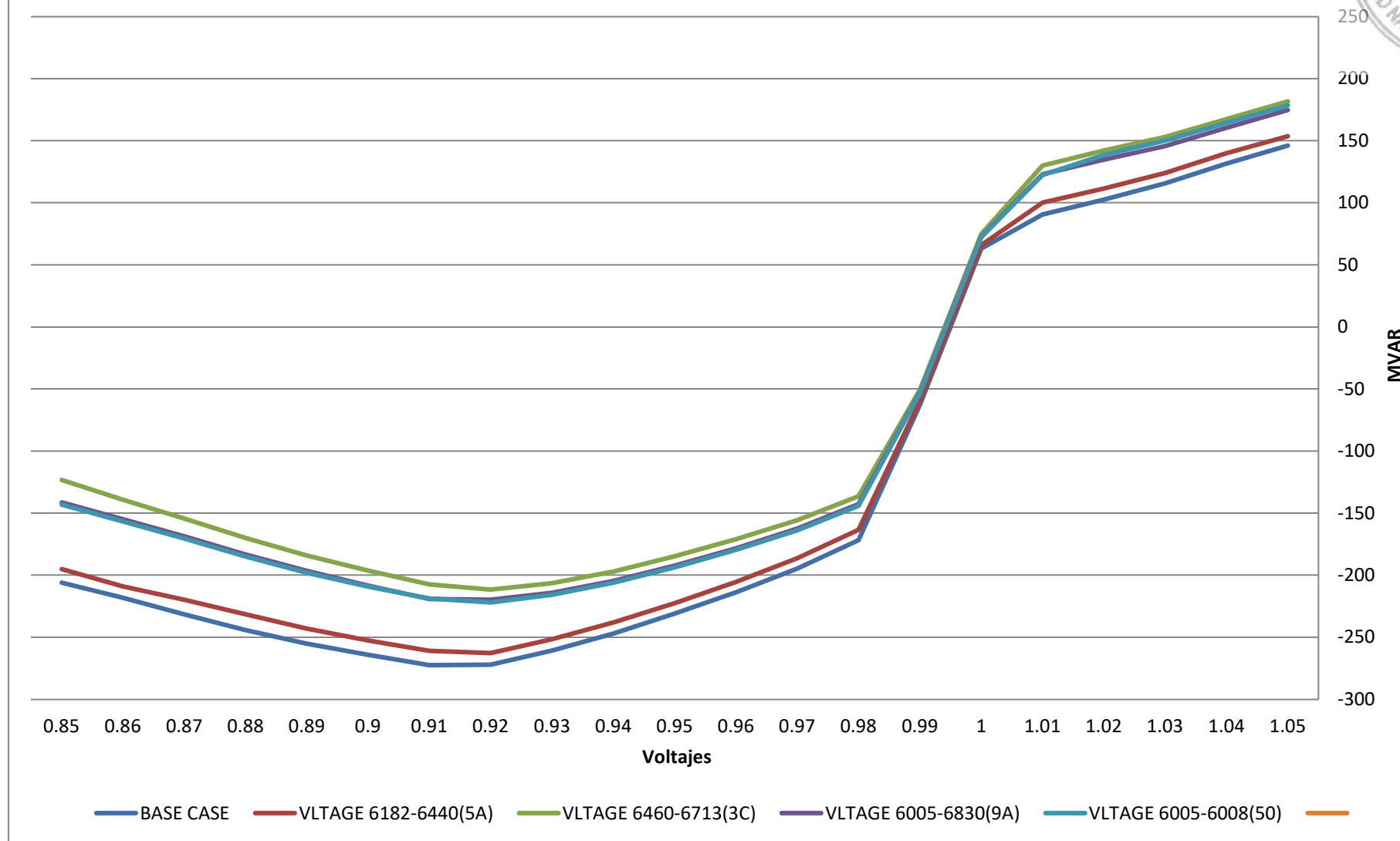


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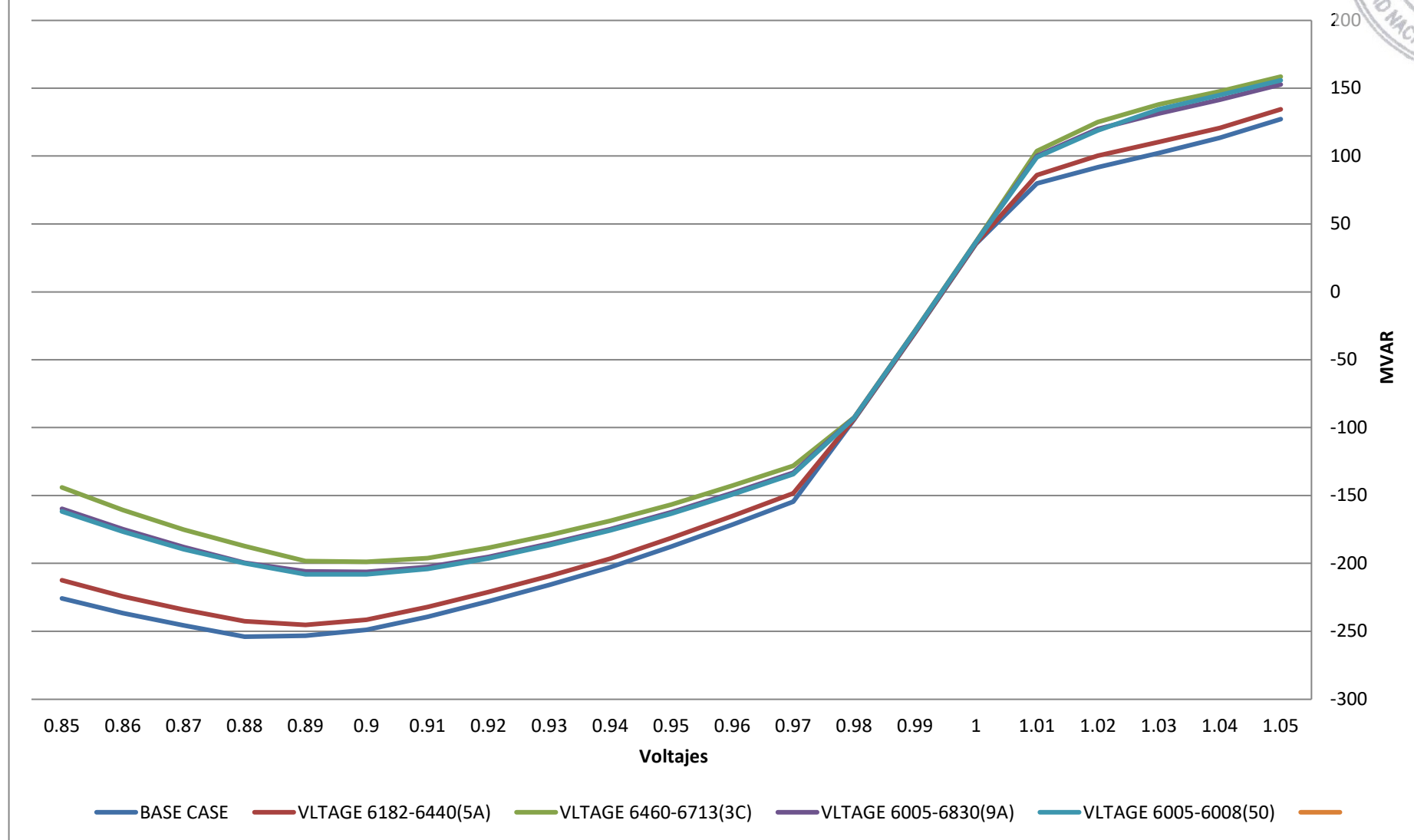
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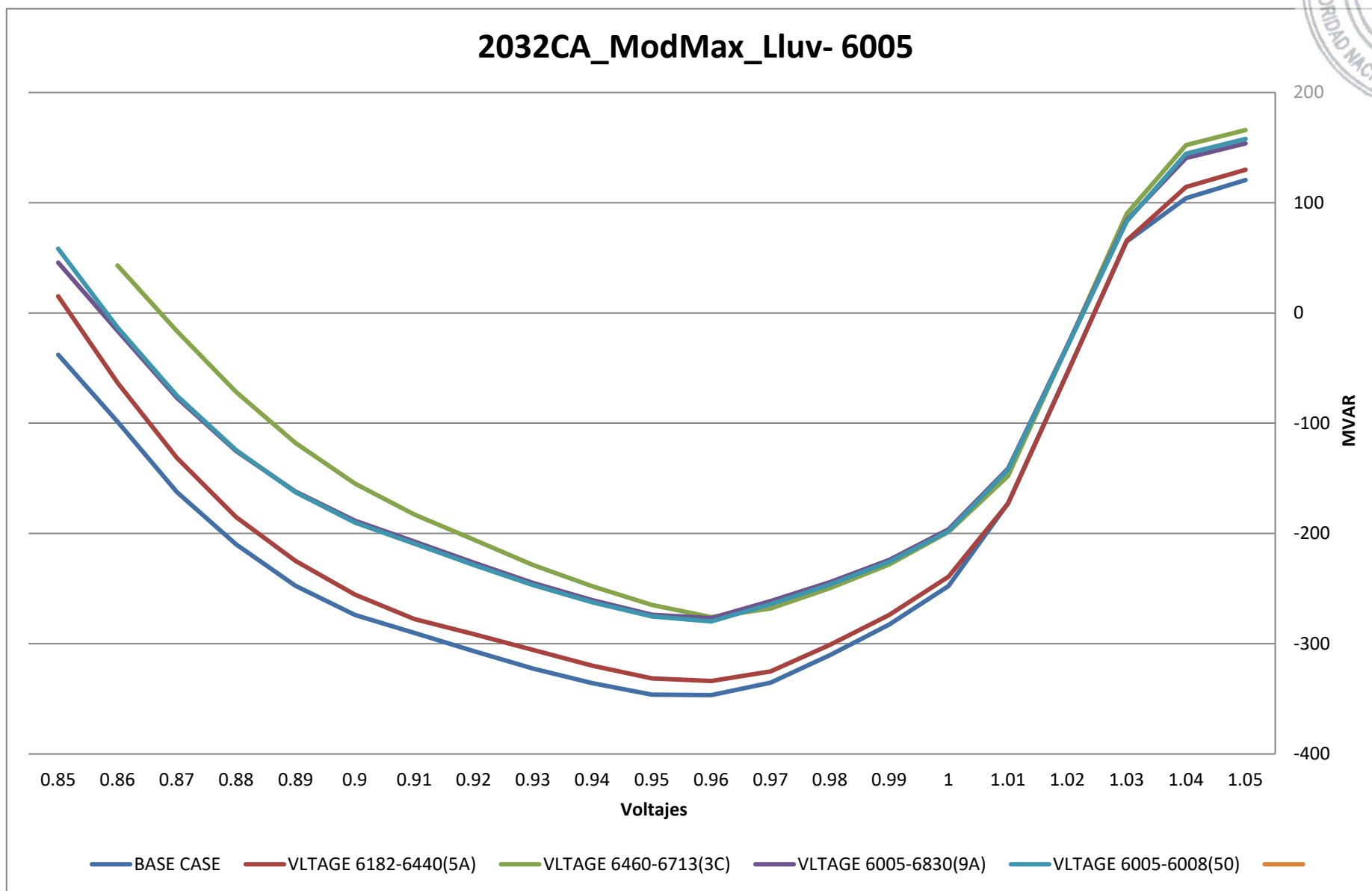


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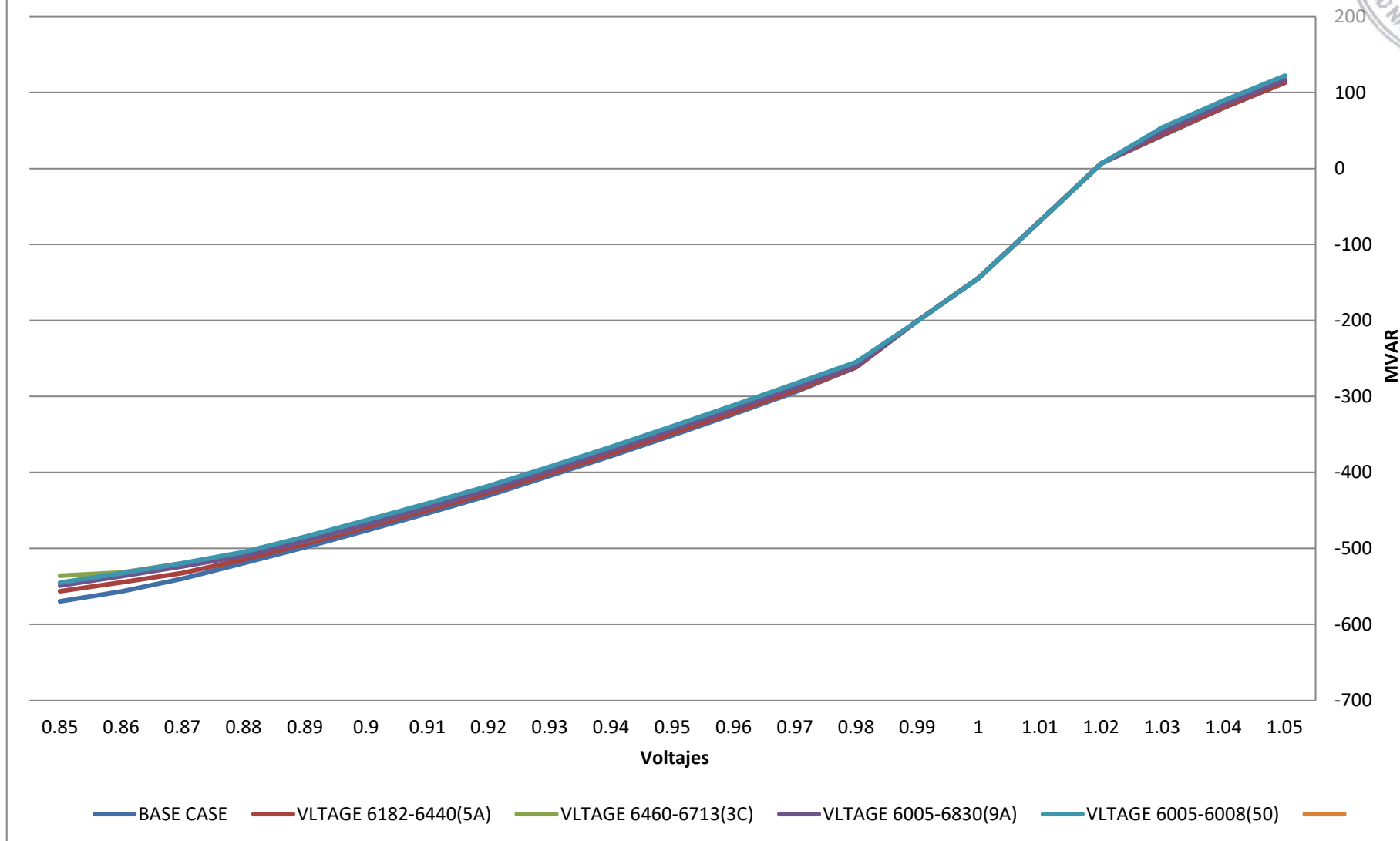
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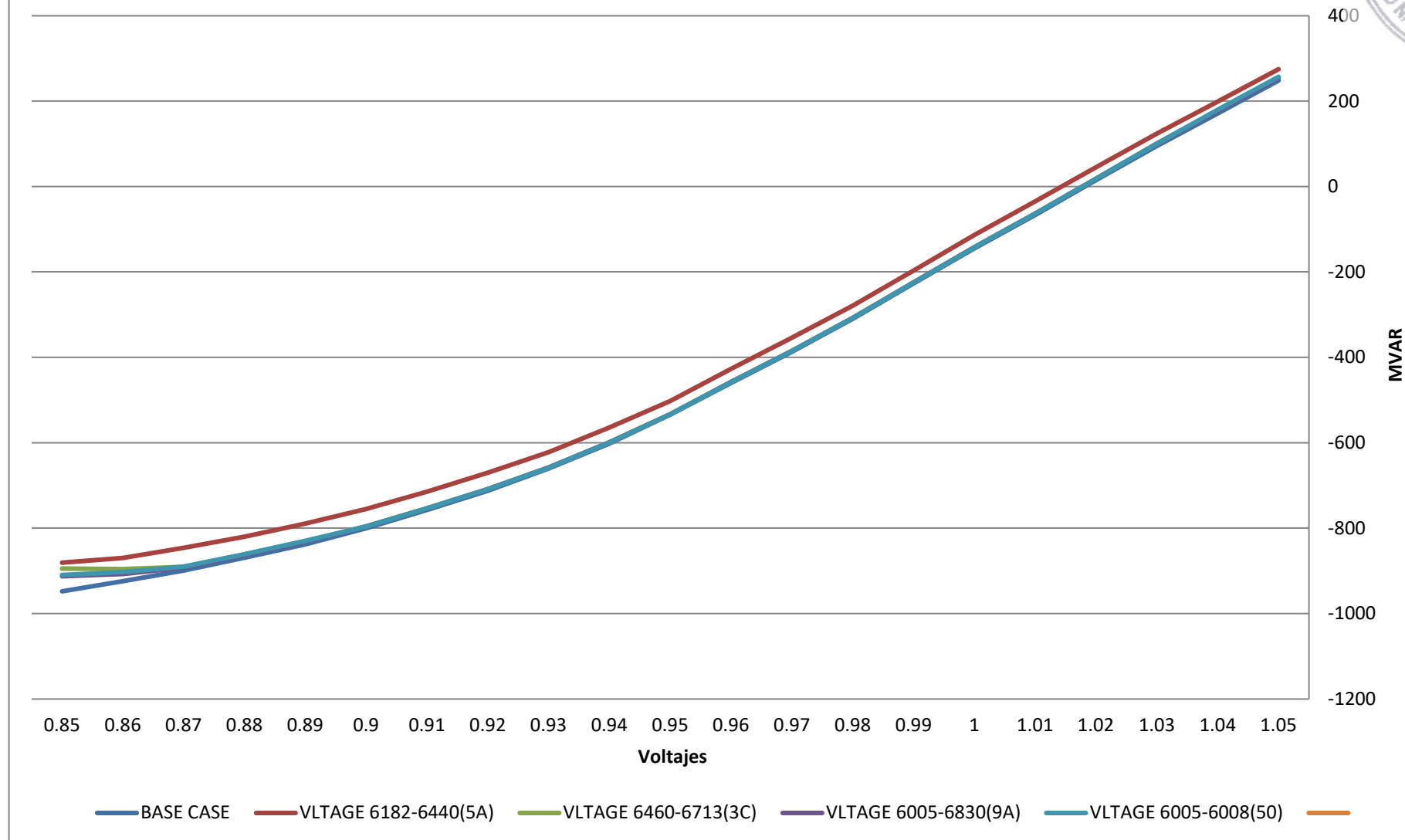
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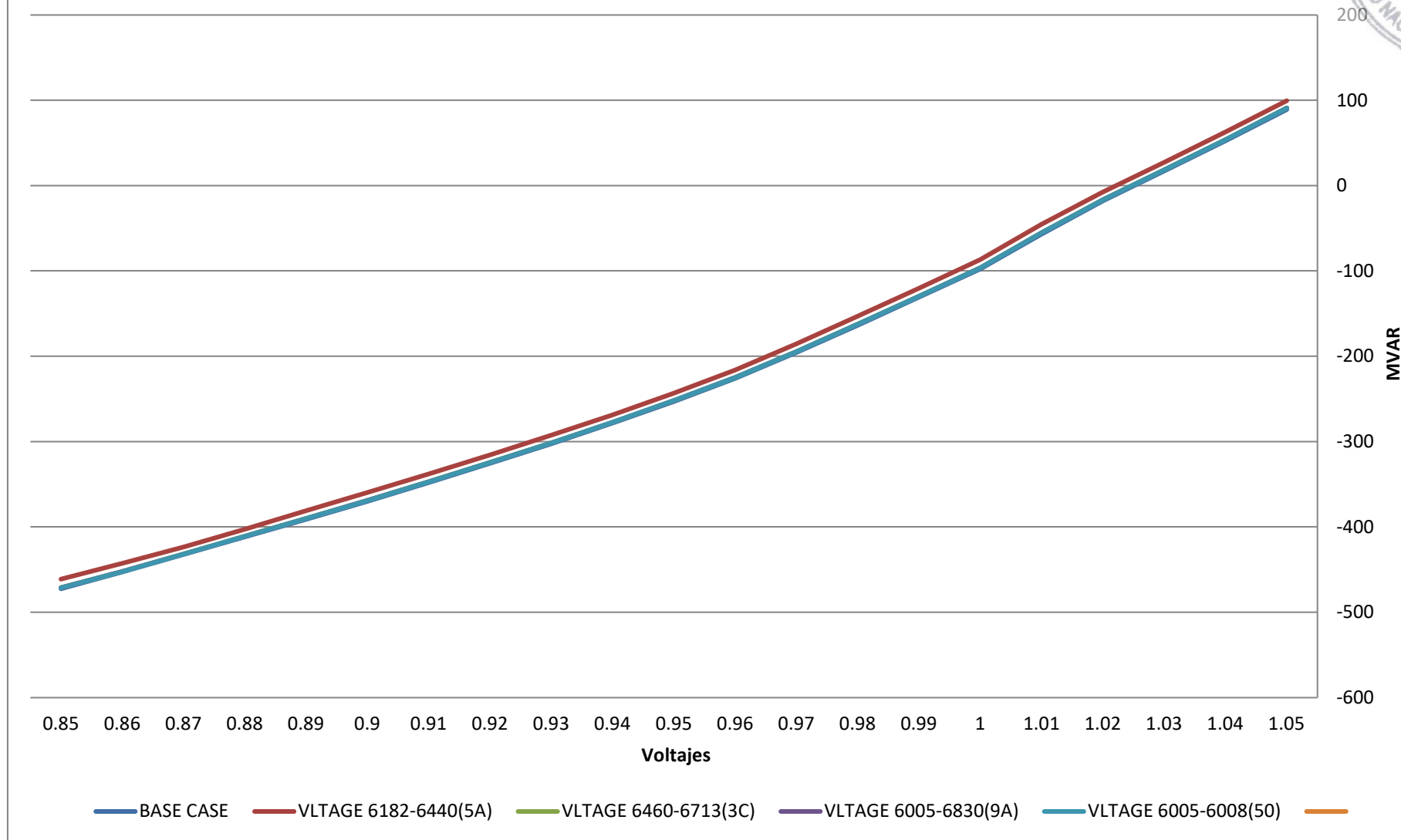
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AP



2032CA_ModMax_Lluv- 6012



AP

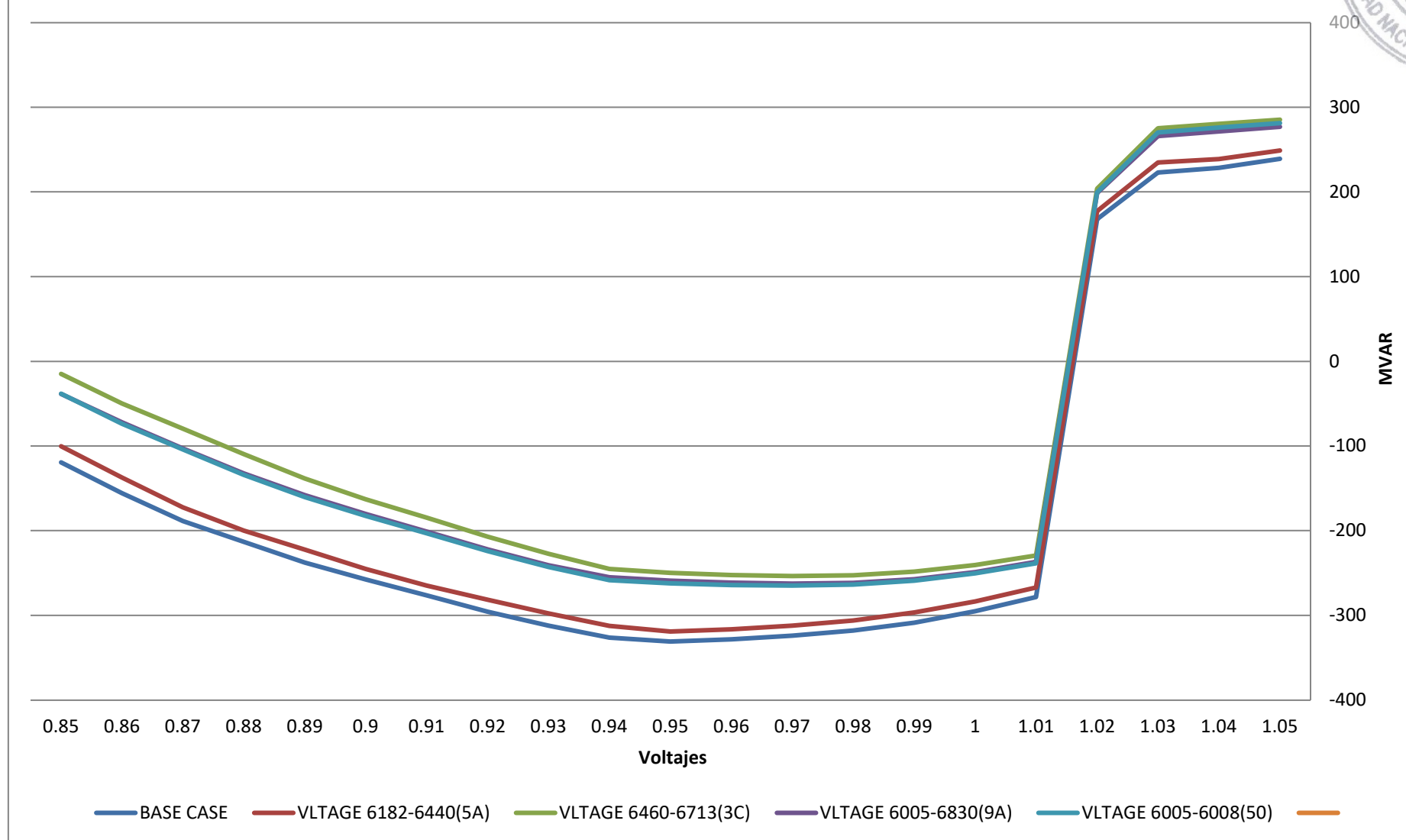


2034 LLUVIOSA

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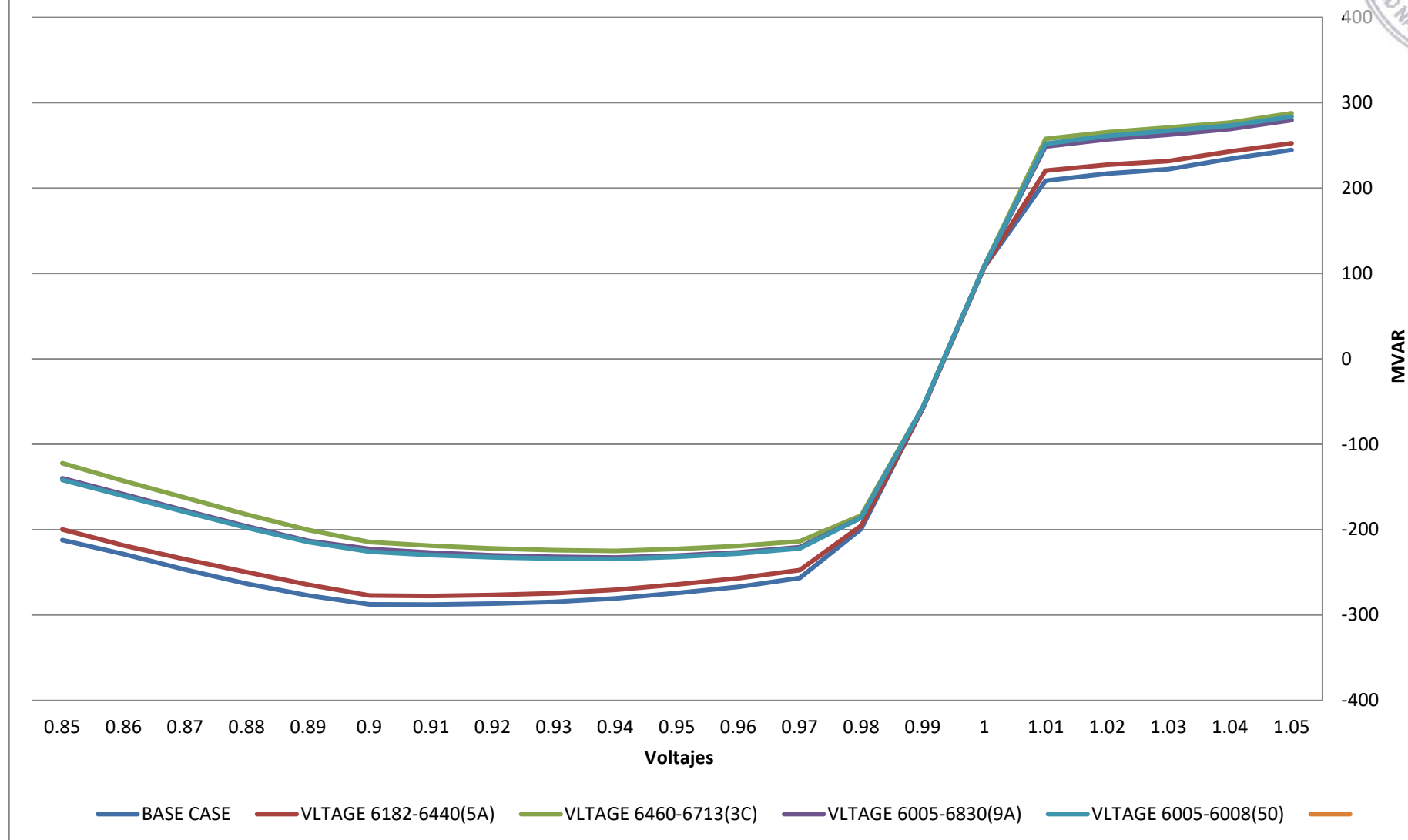
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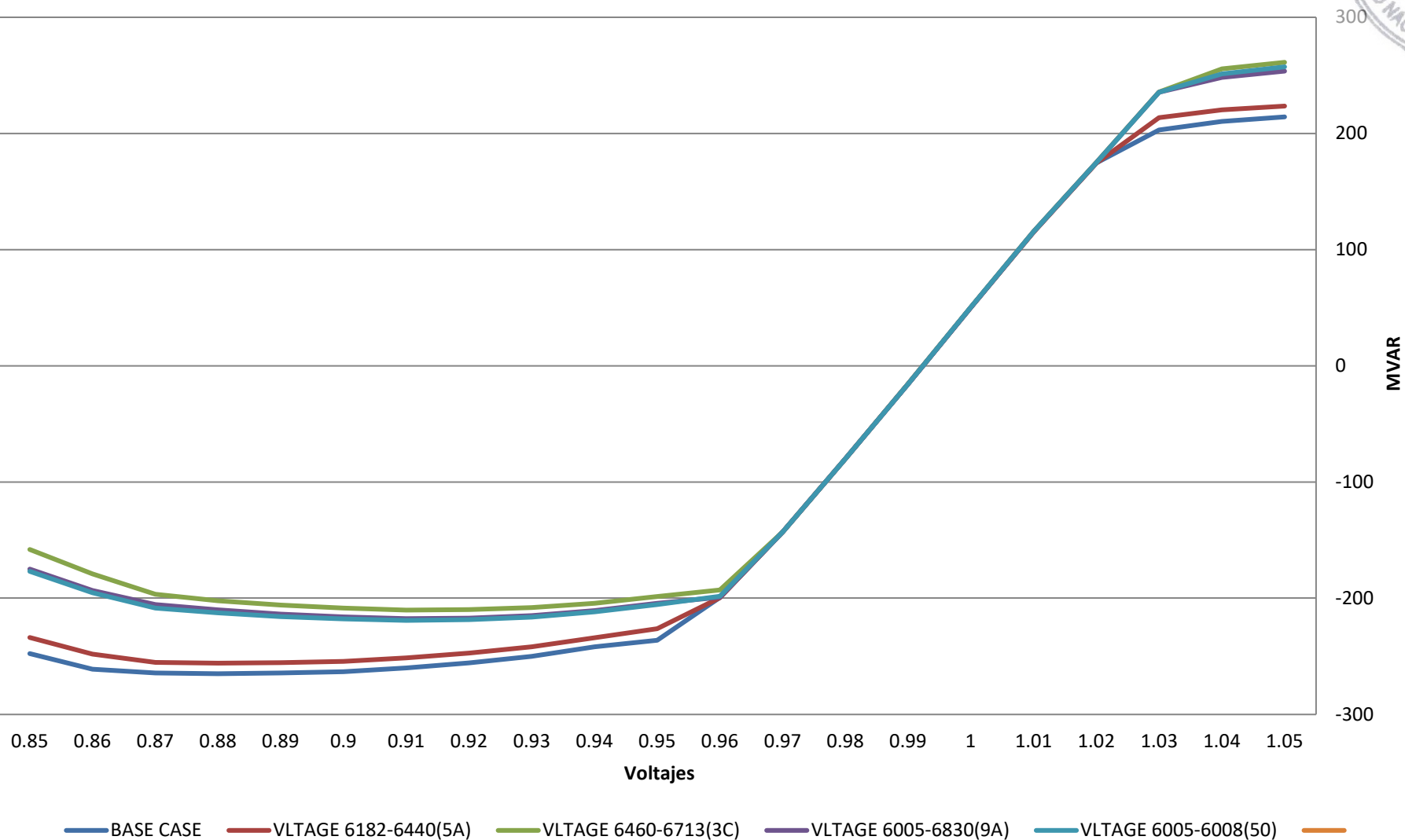
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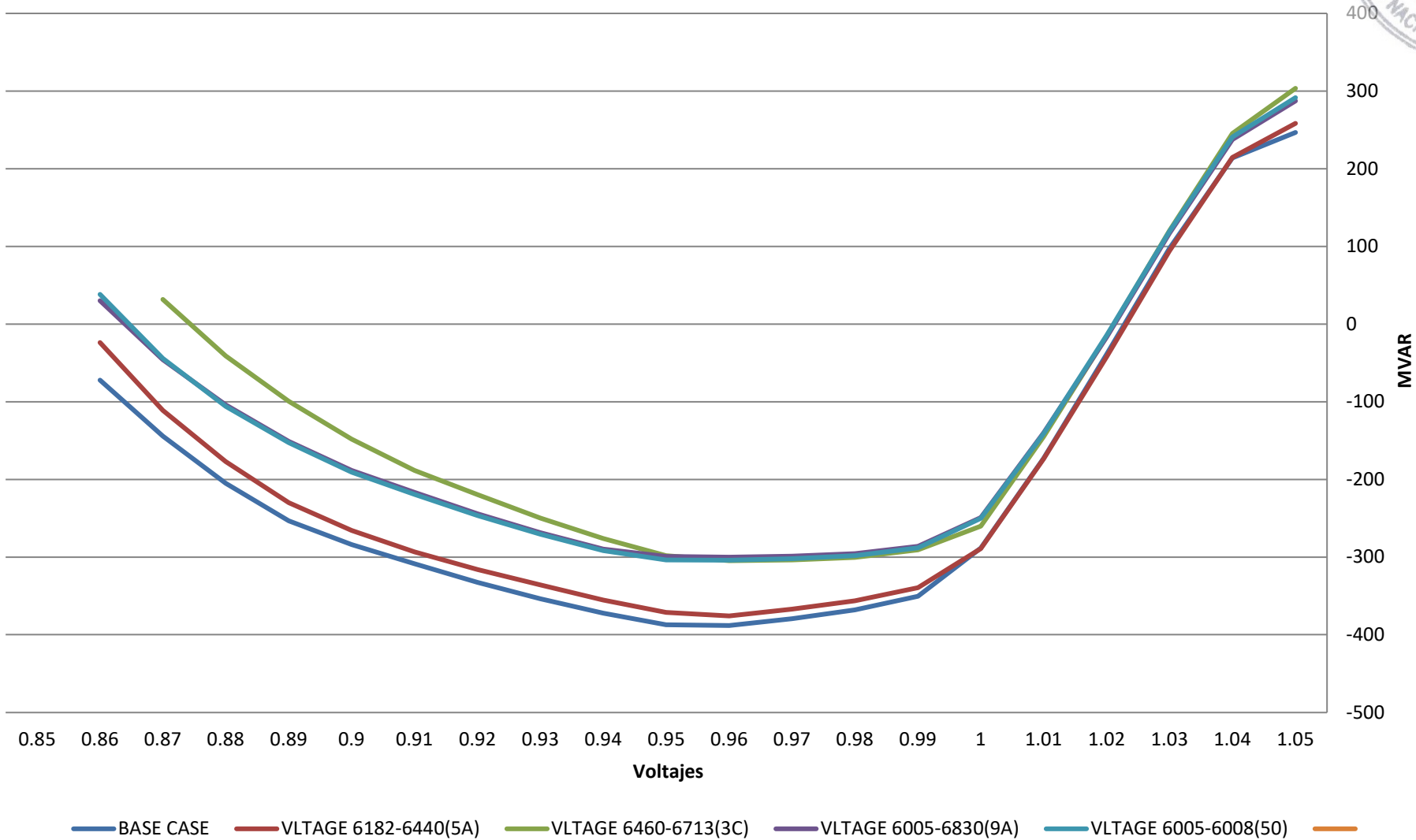


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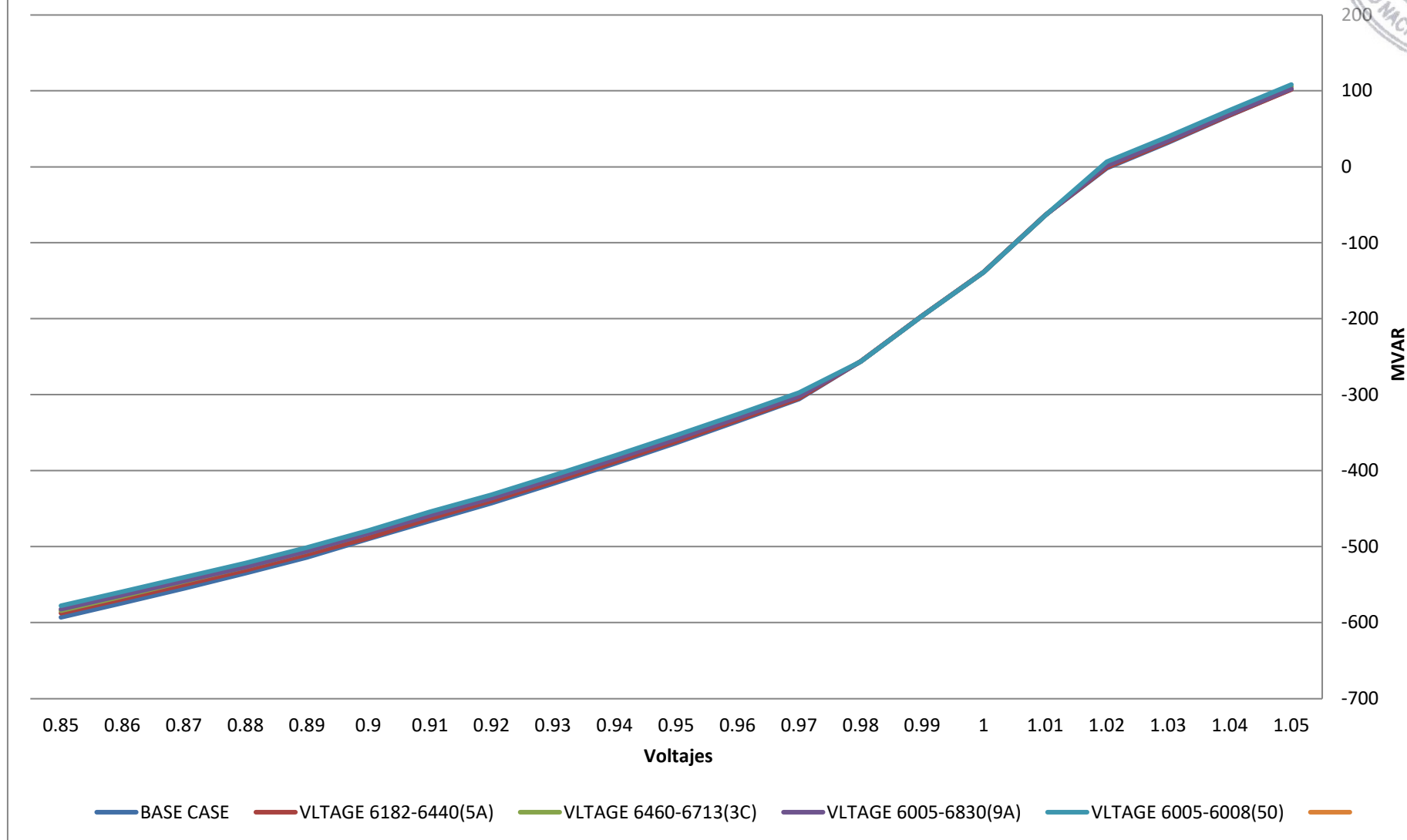
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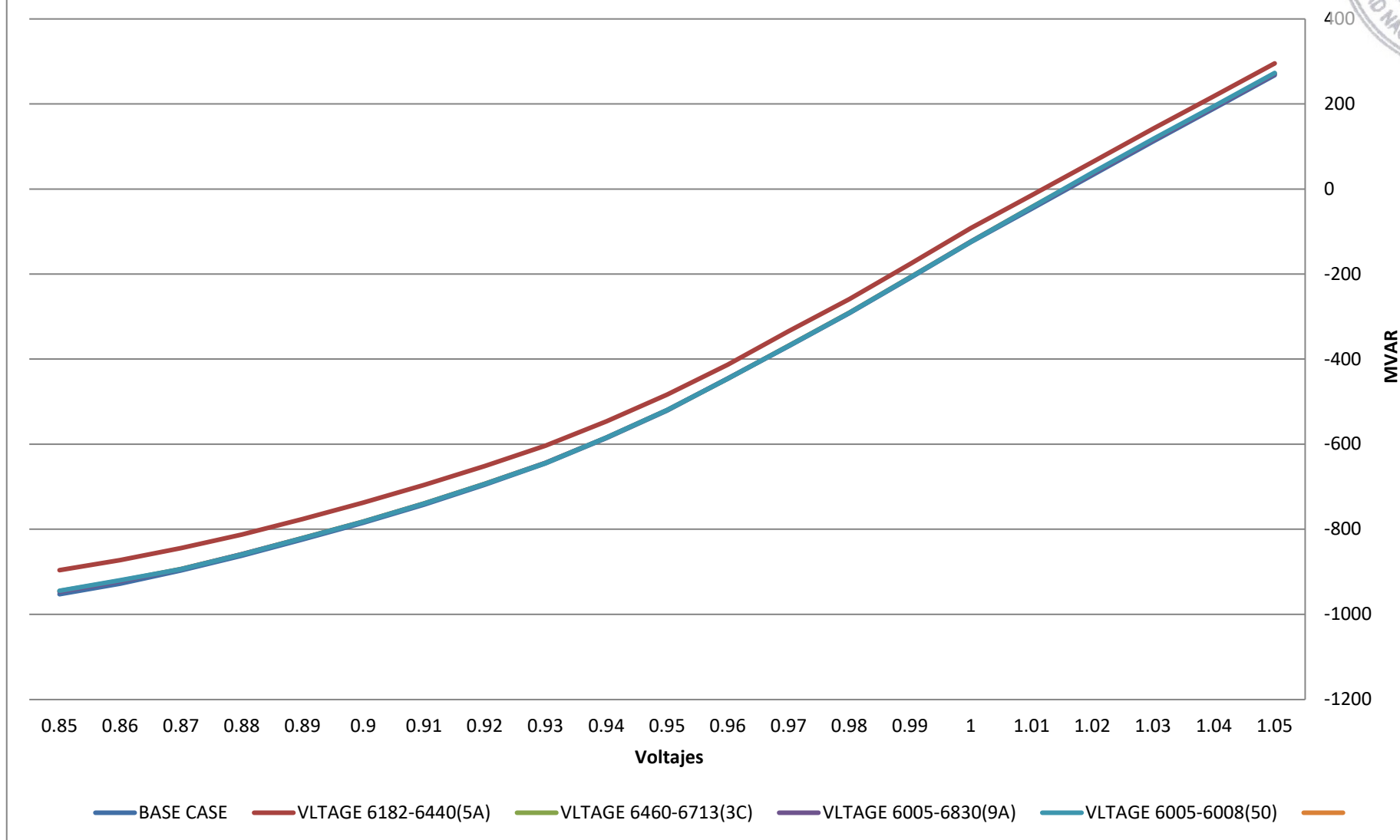
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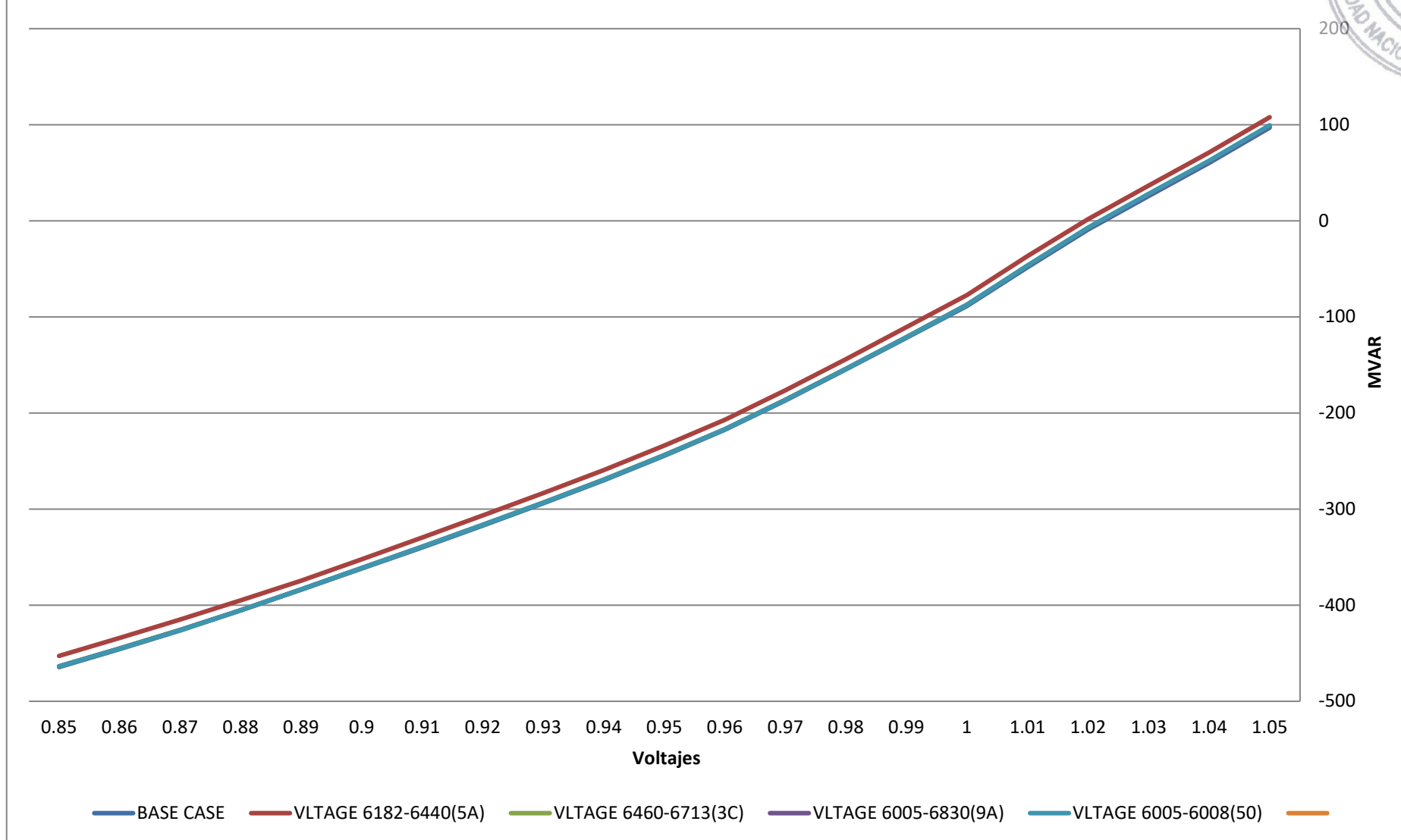
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2034CA_ModMax_Lluv- 6012



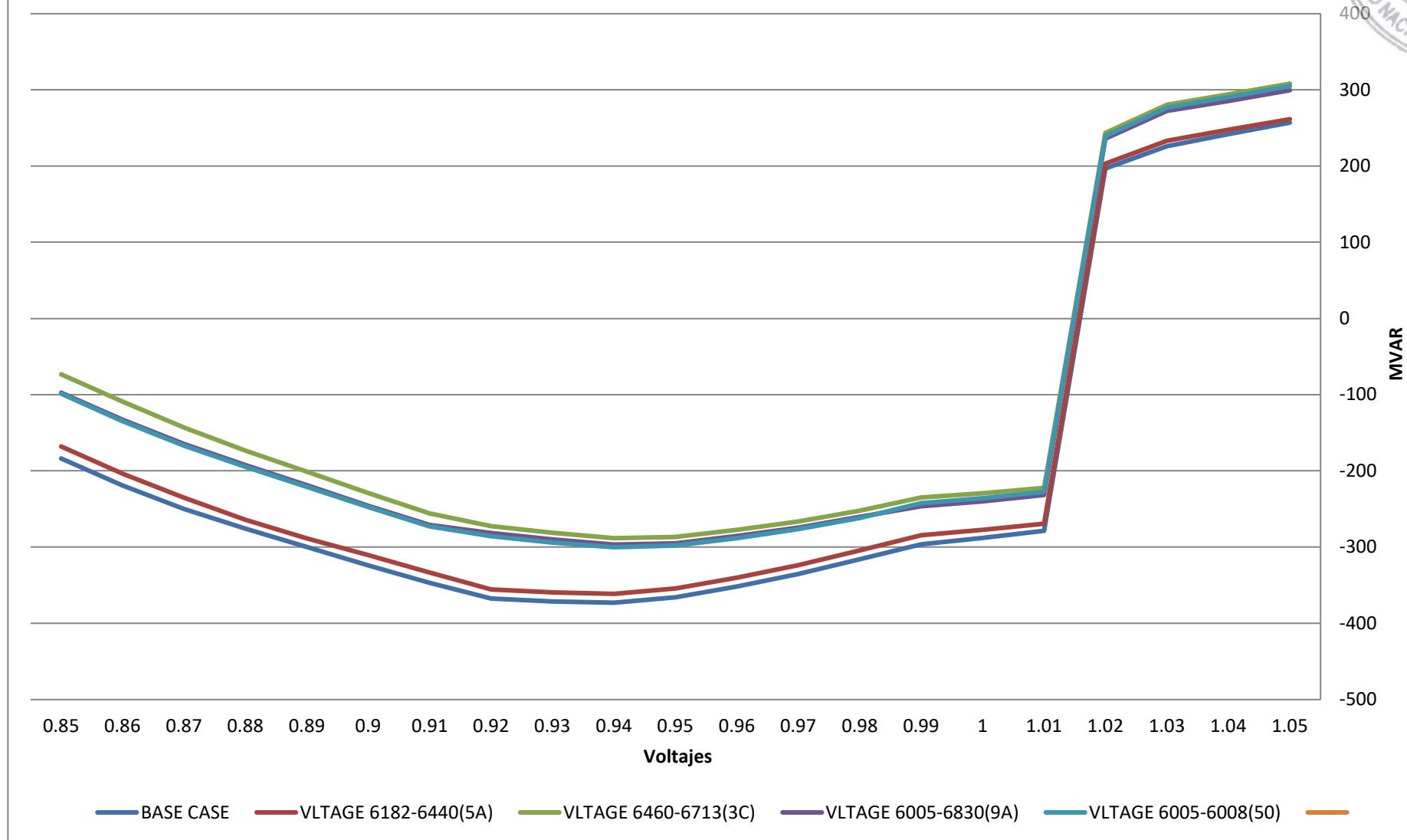
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2036 LLUVIOSA

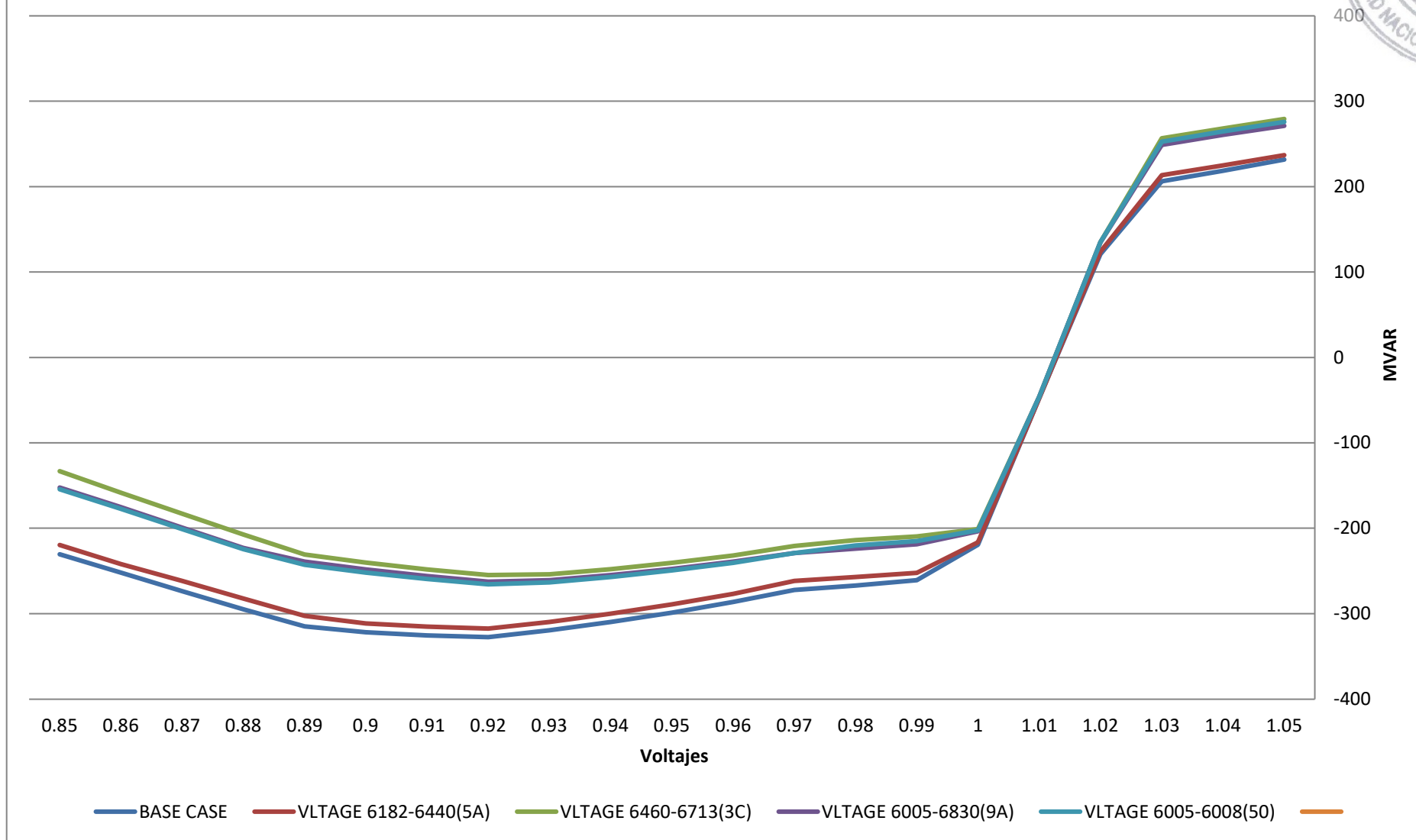
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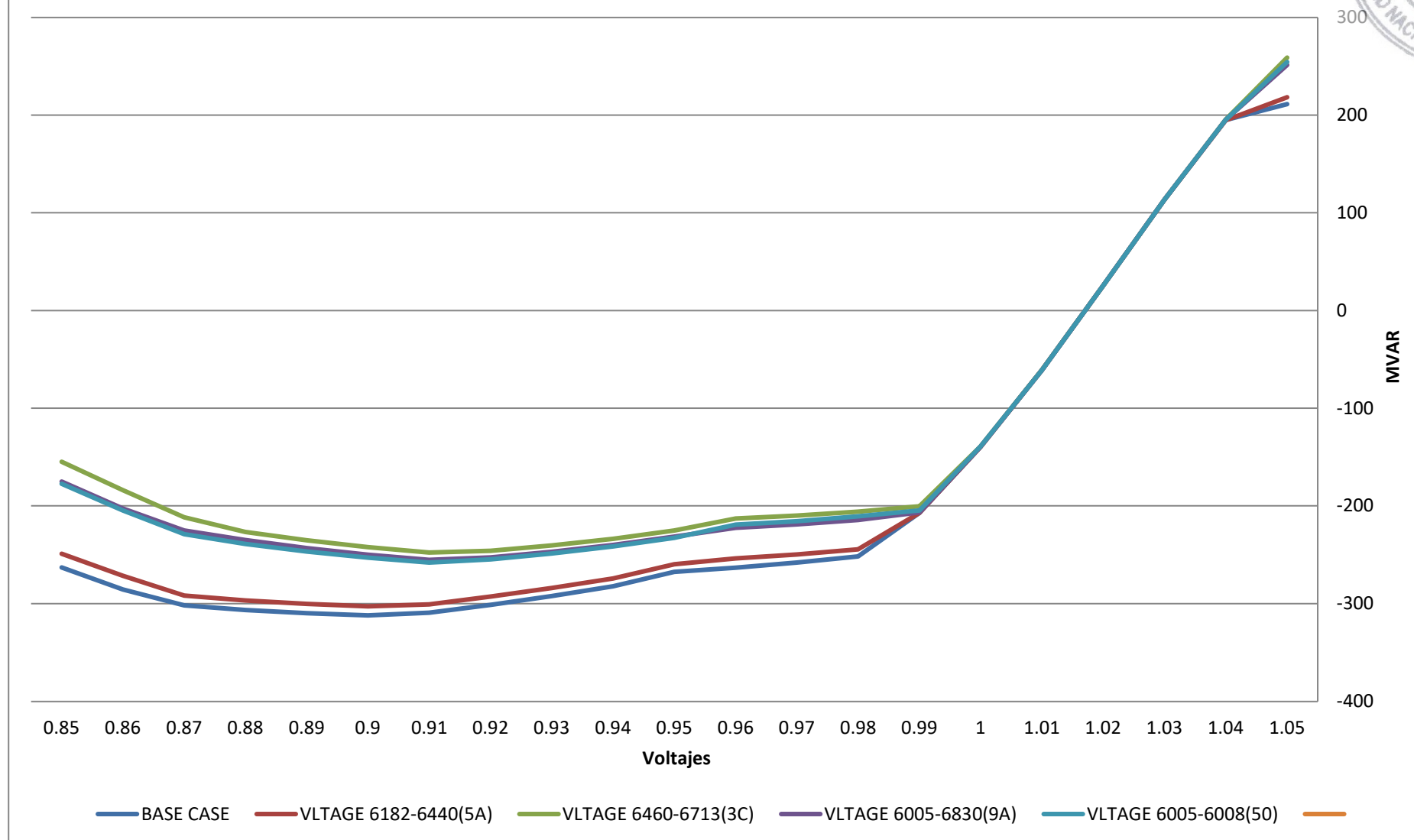
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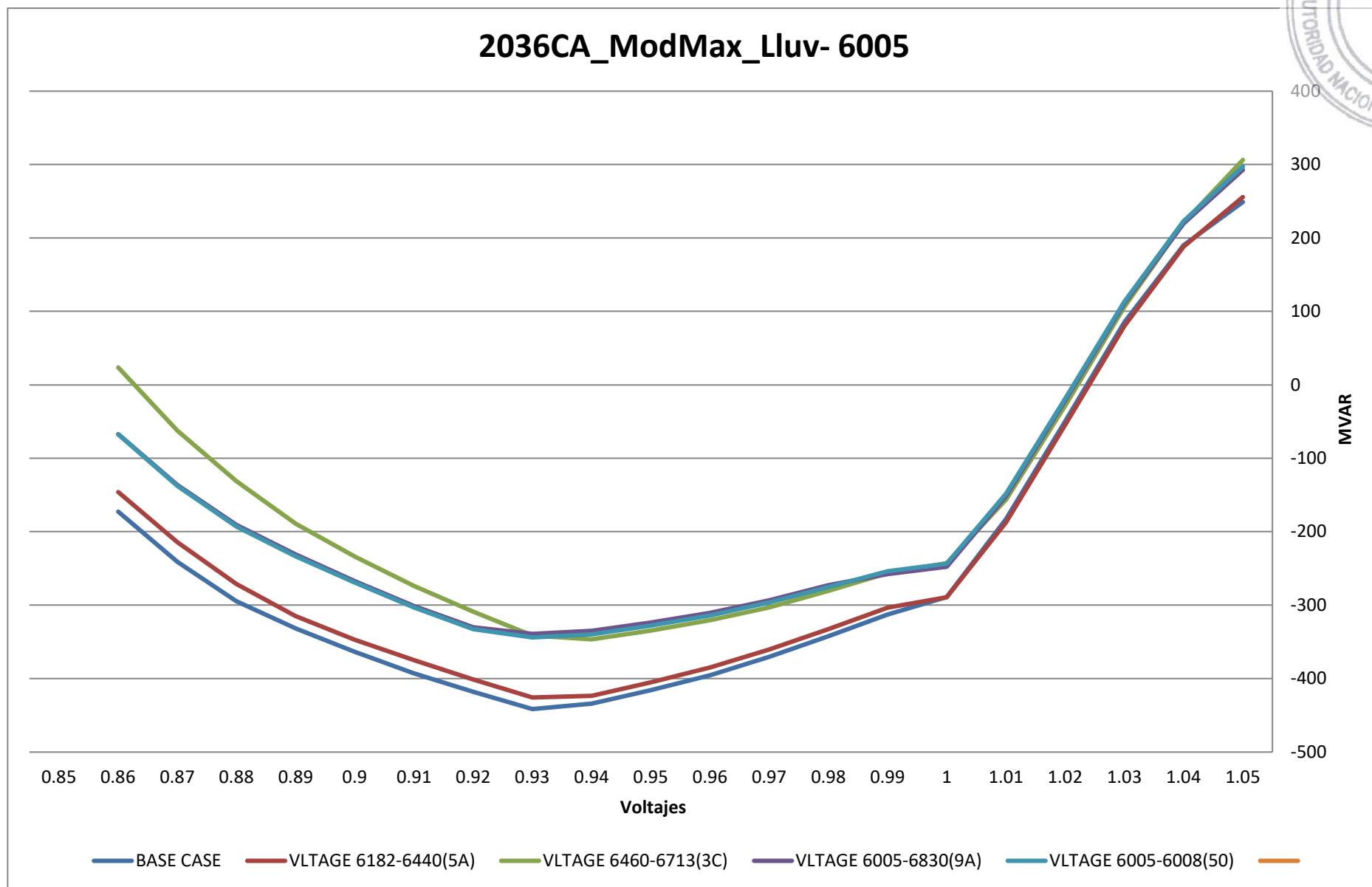


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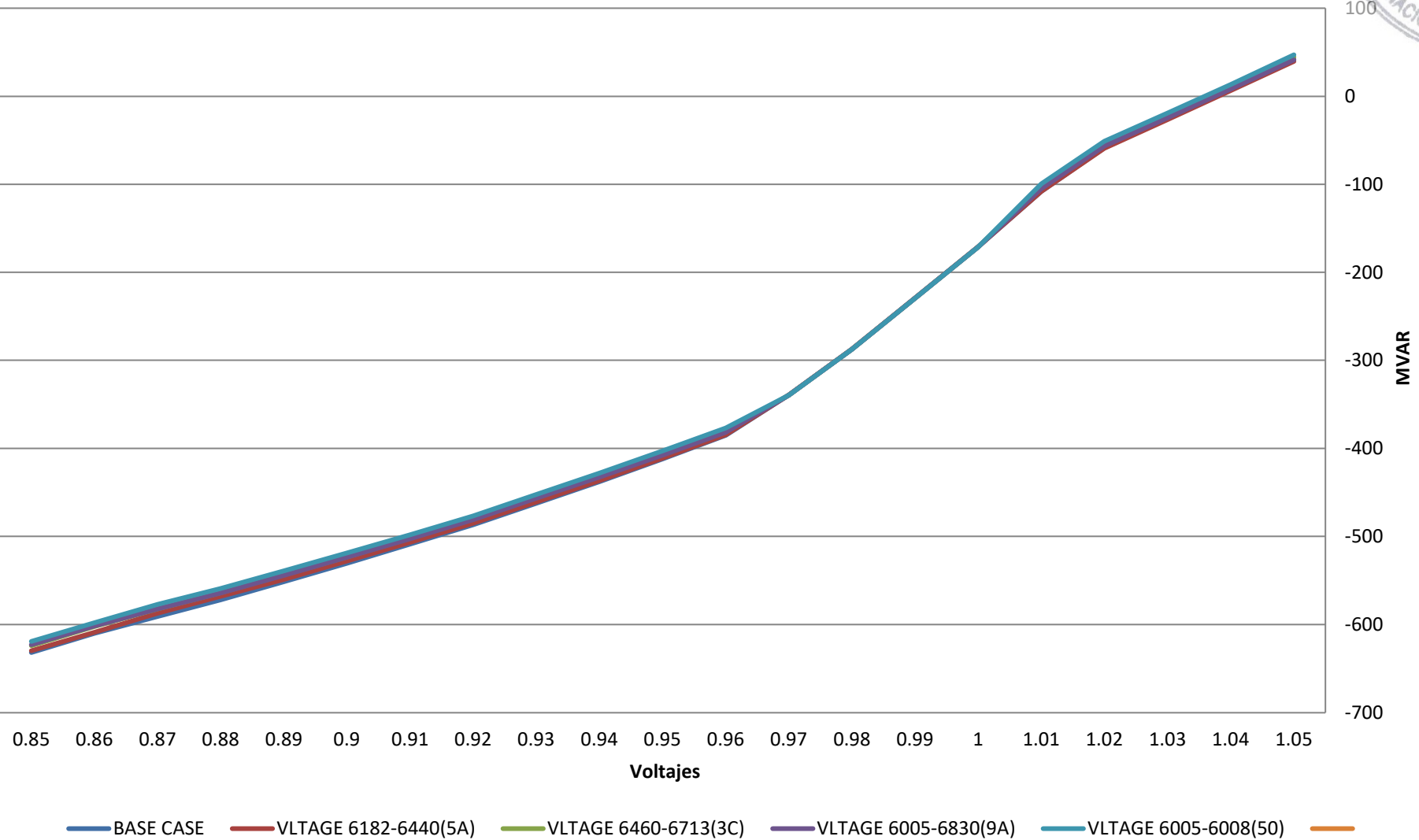
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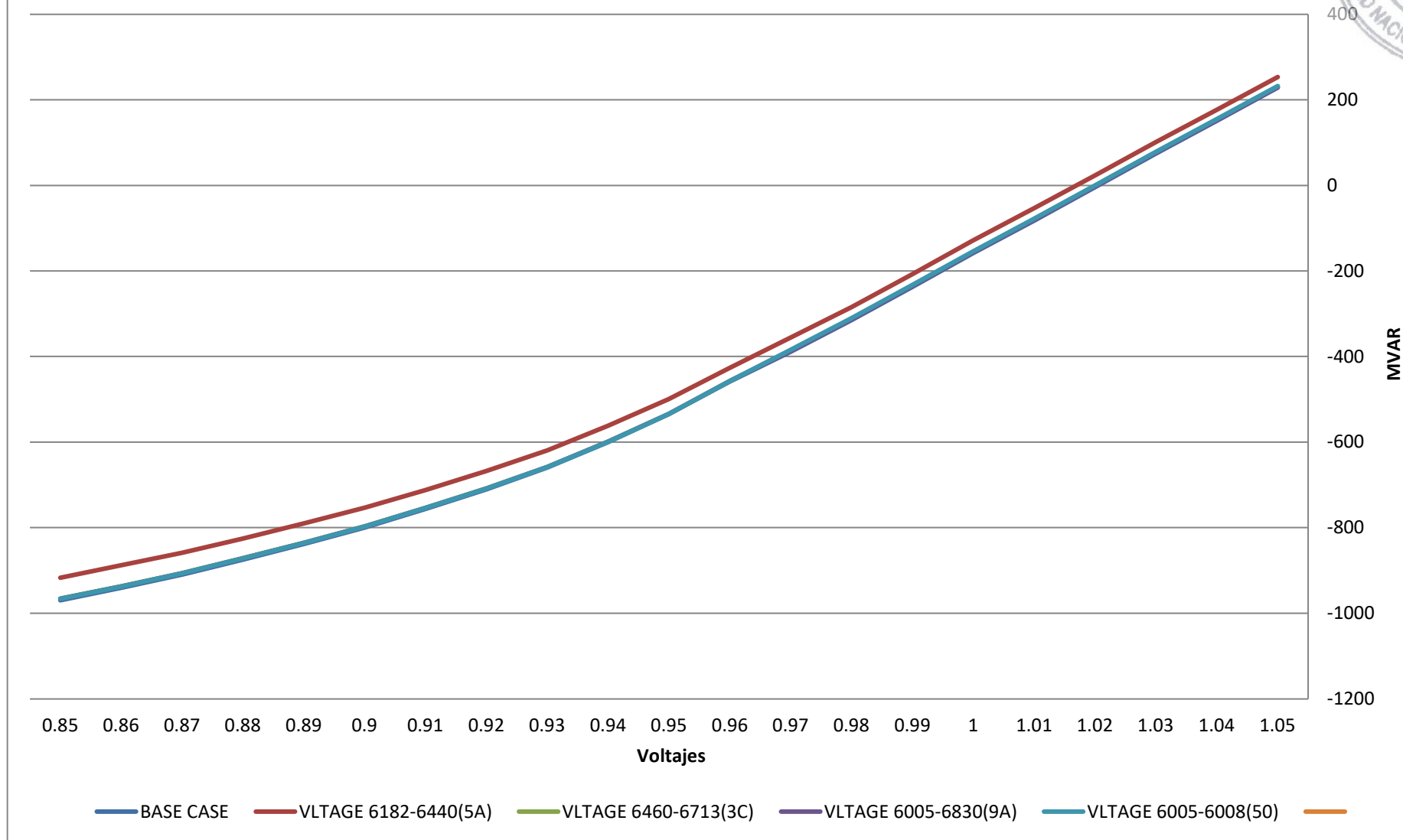
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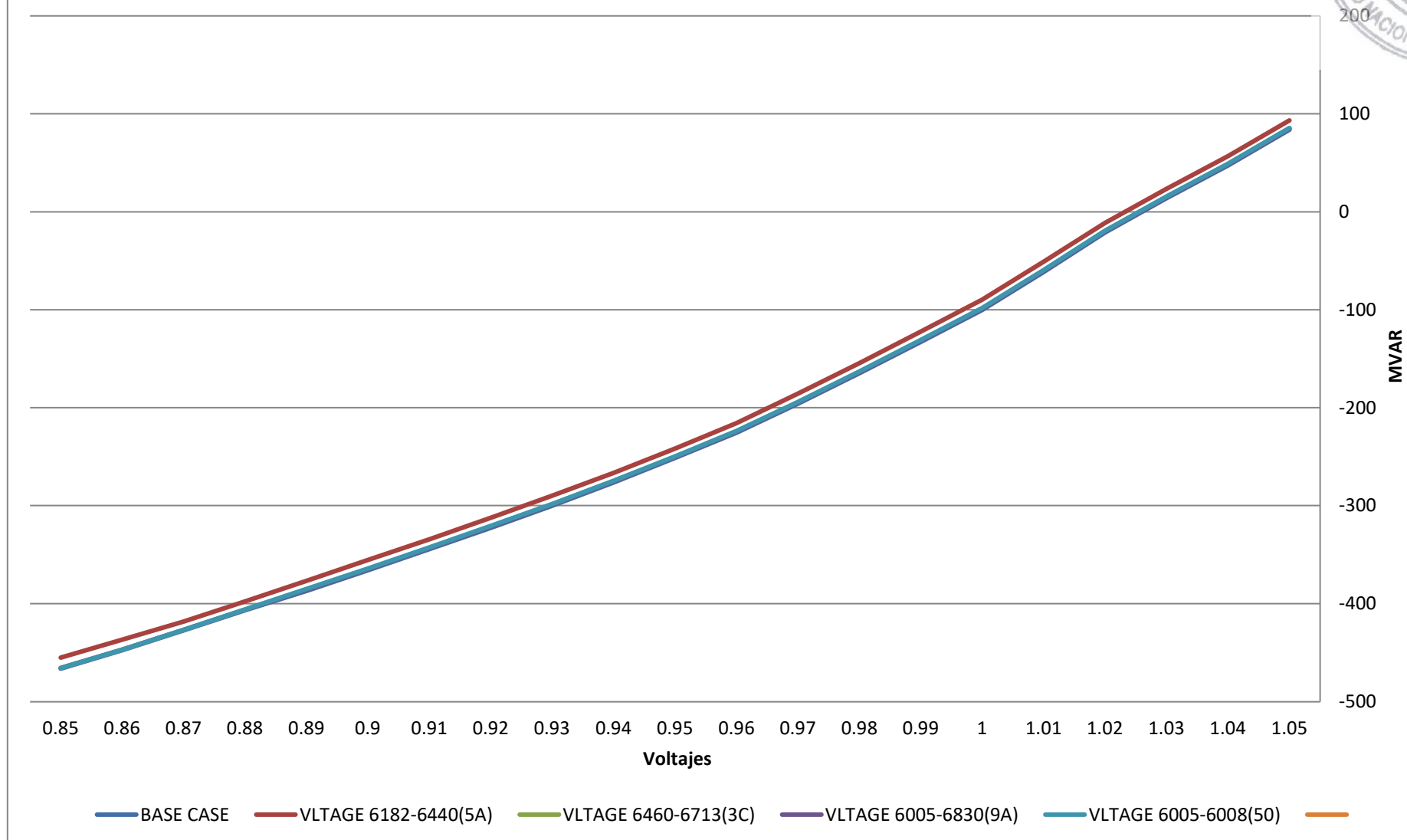


2036CA_ModMax_Lluv- 6011





2036CA_ModMax_Lluv- 6012



AP



CASO 1

4LT 2030KV

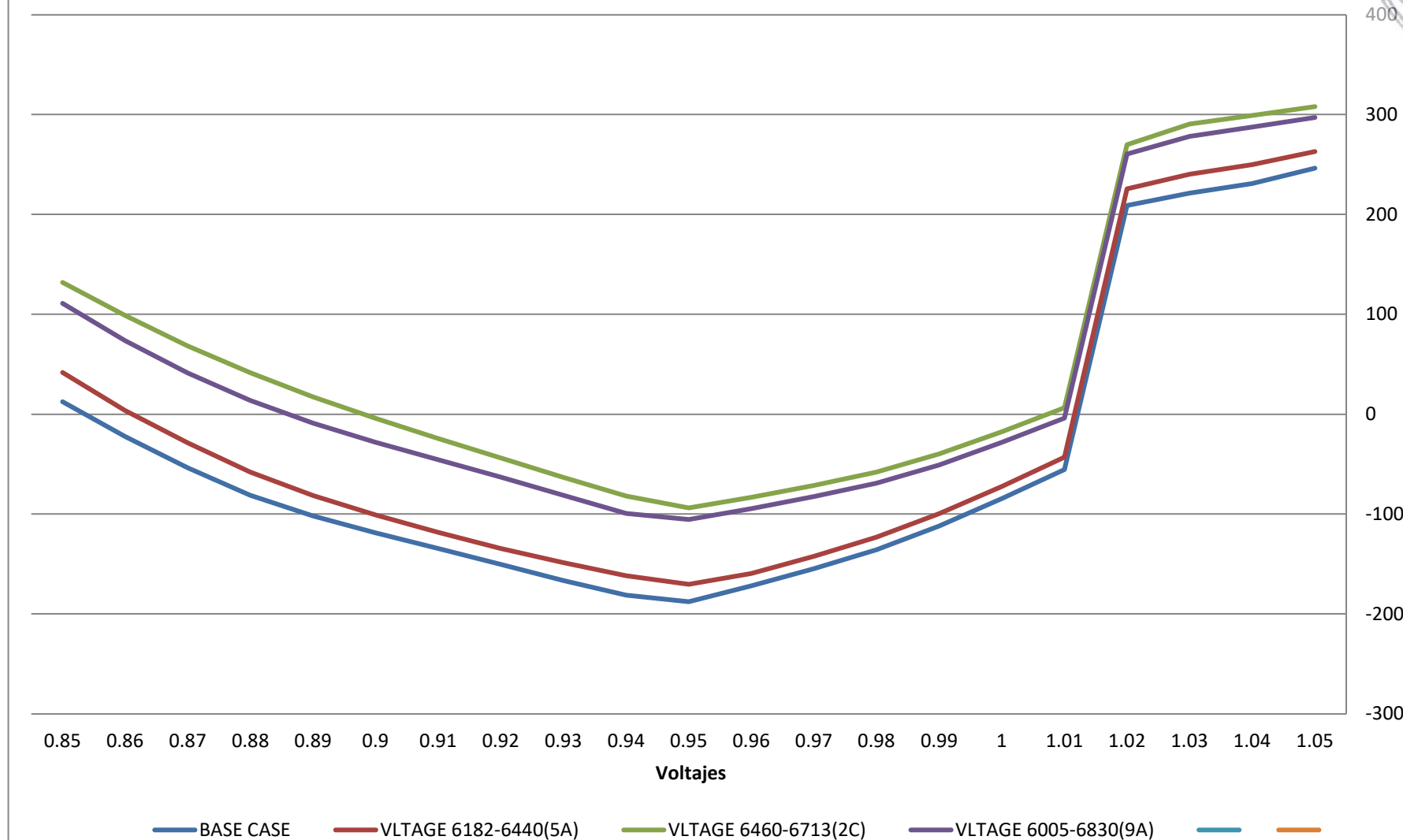
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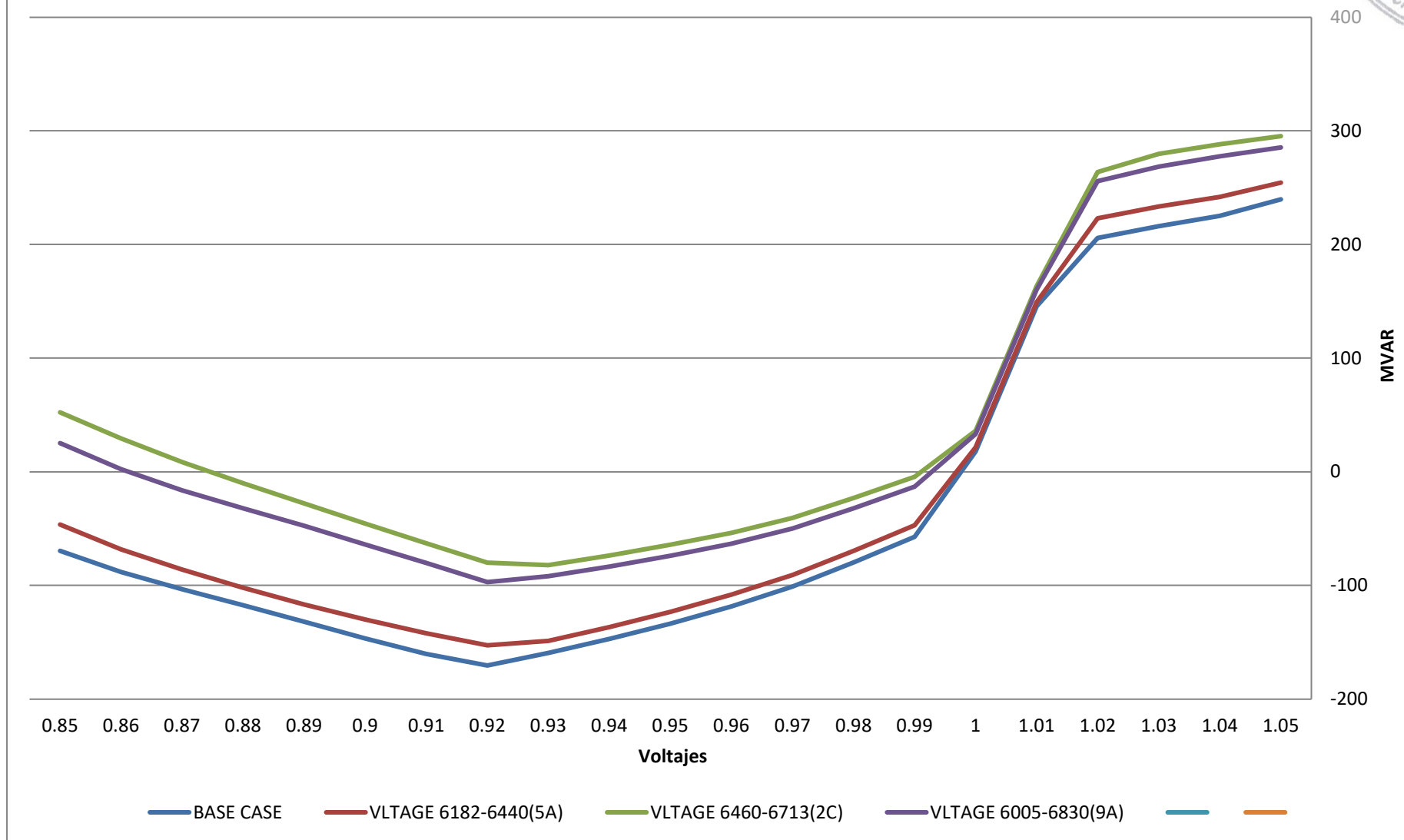
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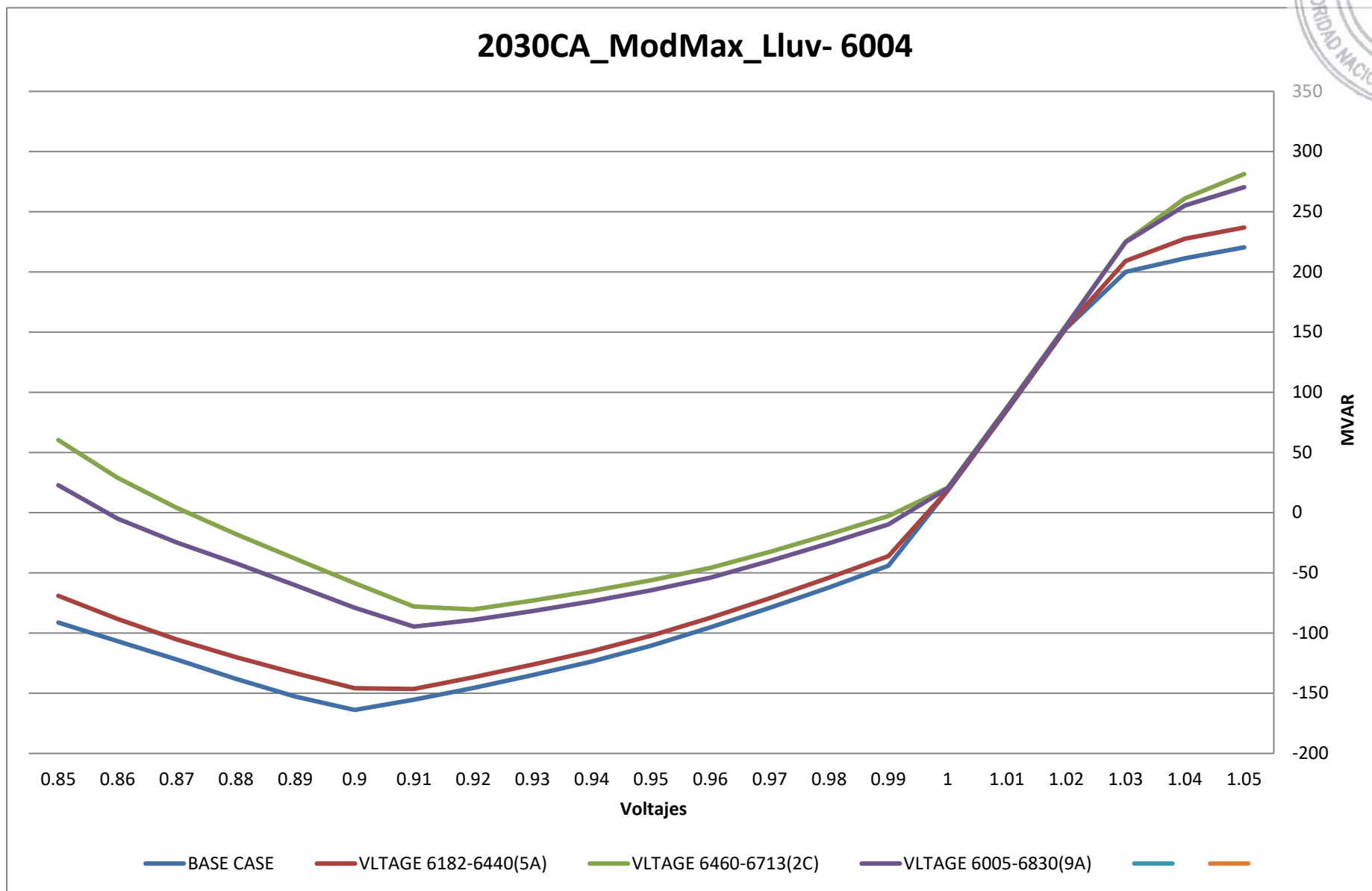
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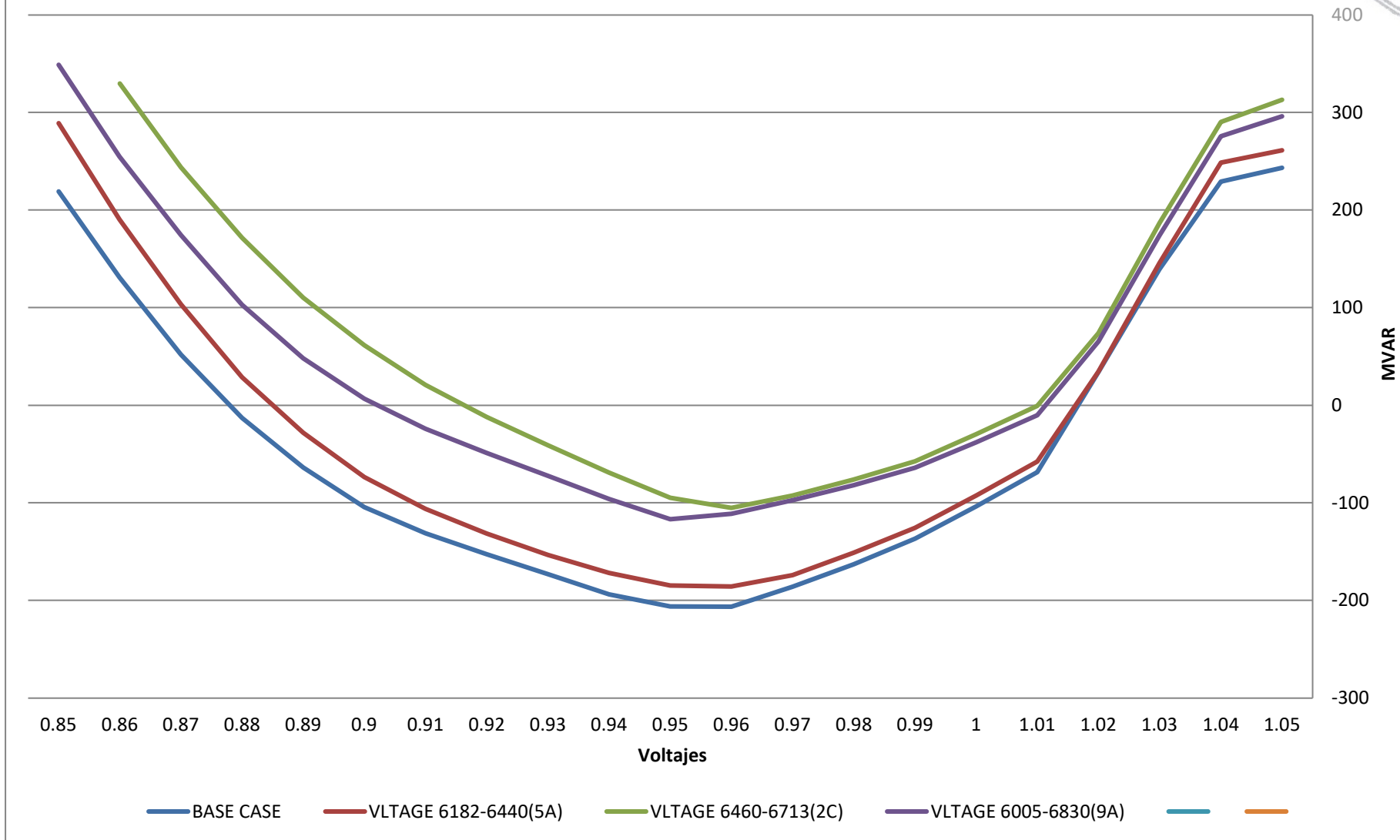
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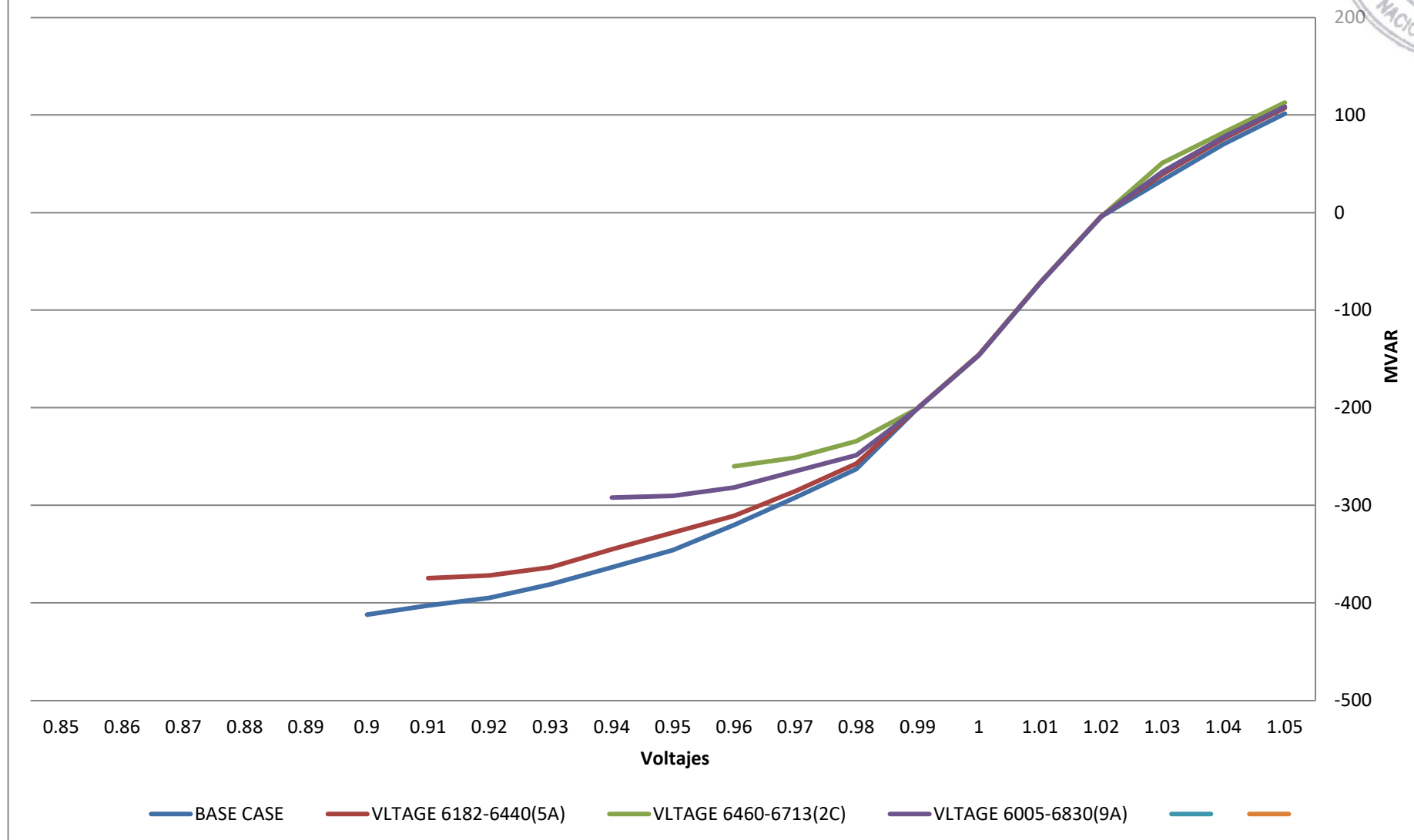
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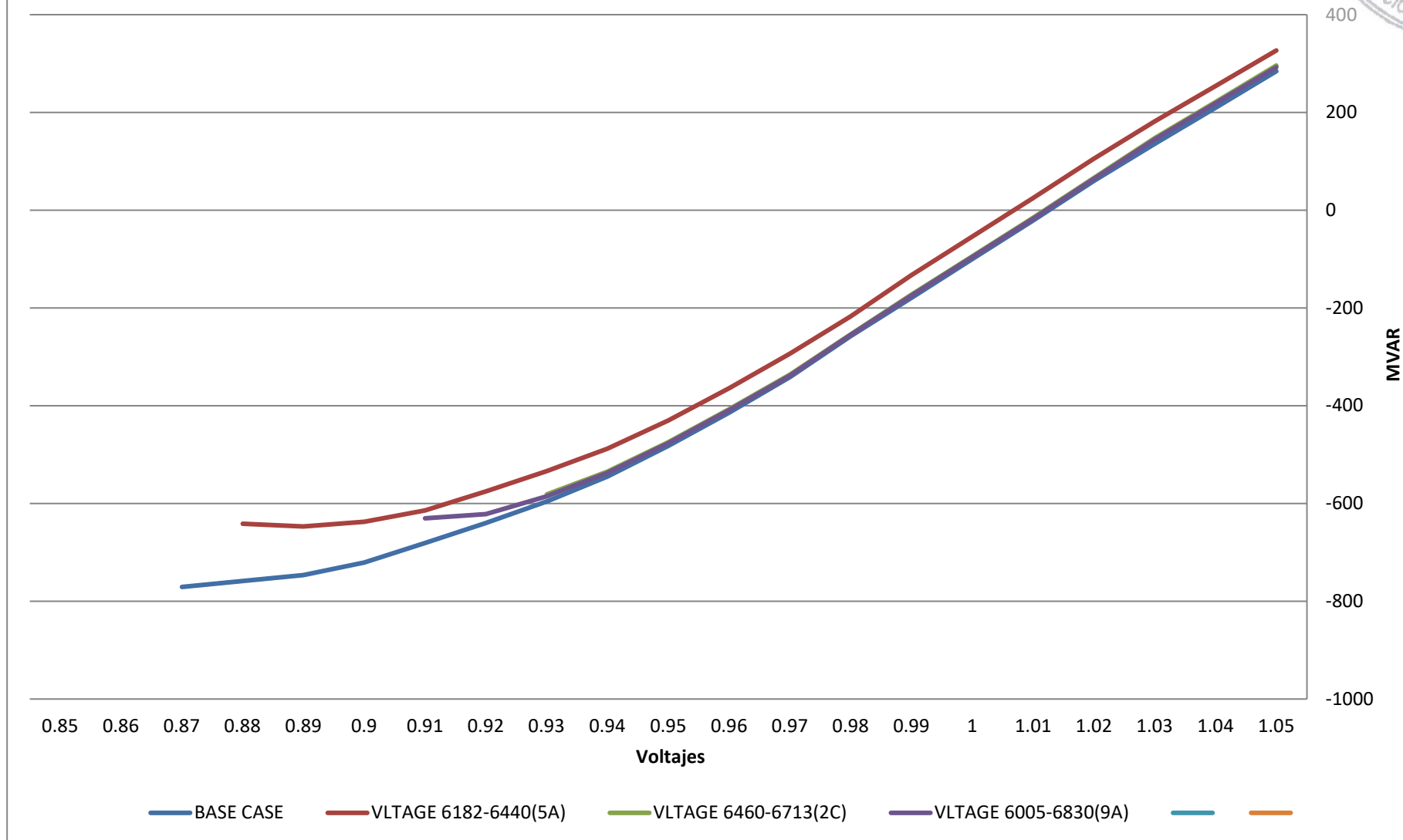
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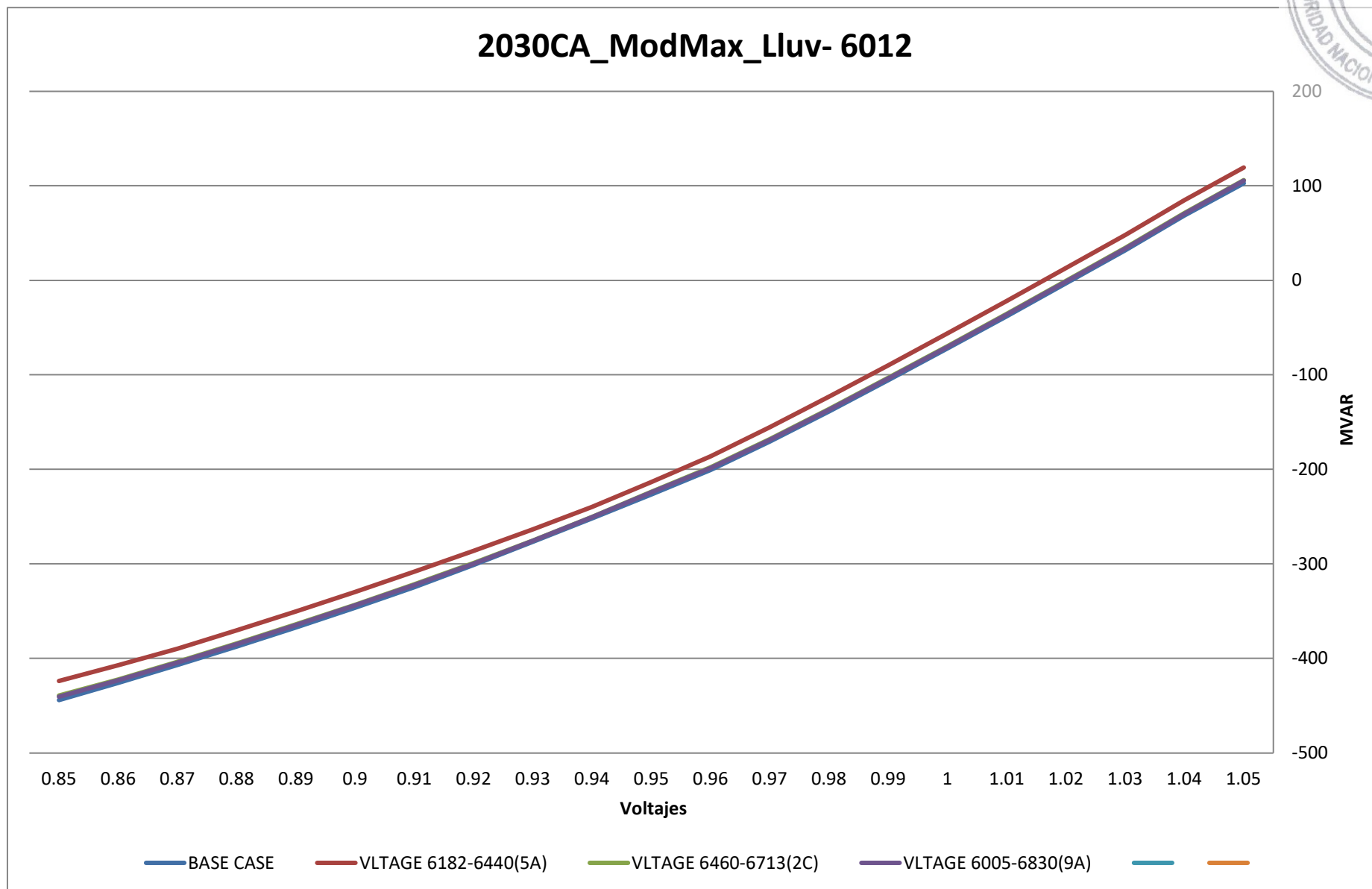
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2030CA_ModMax_Lluv- 6011



2030CA_ModMax_Lluv- 6012



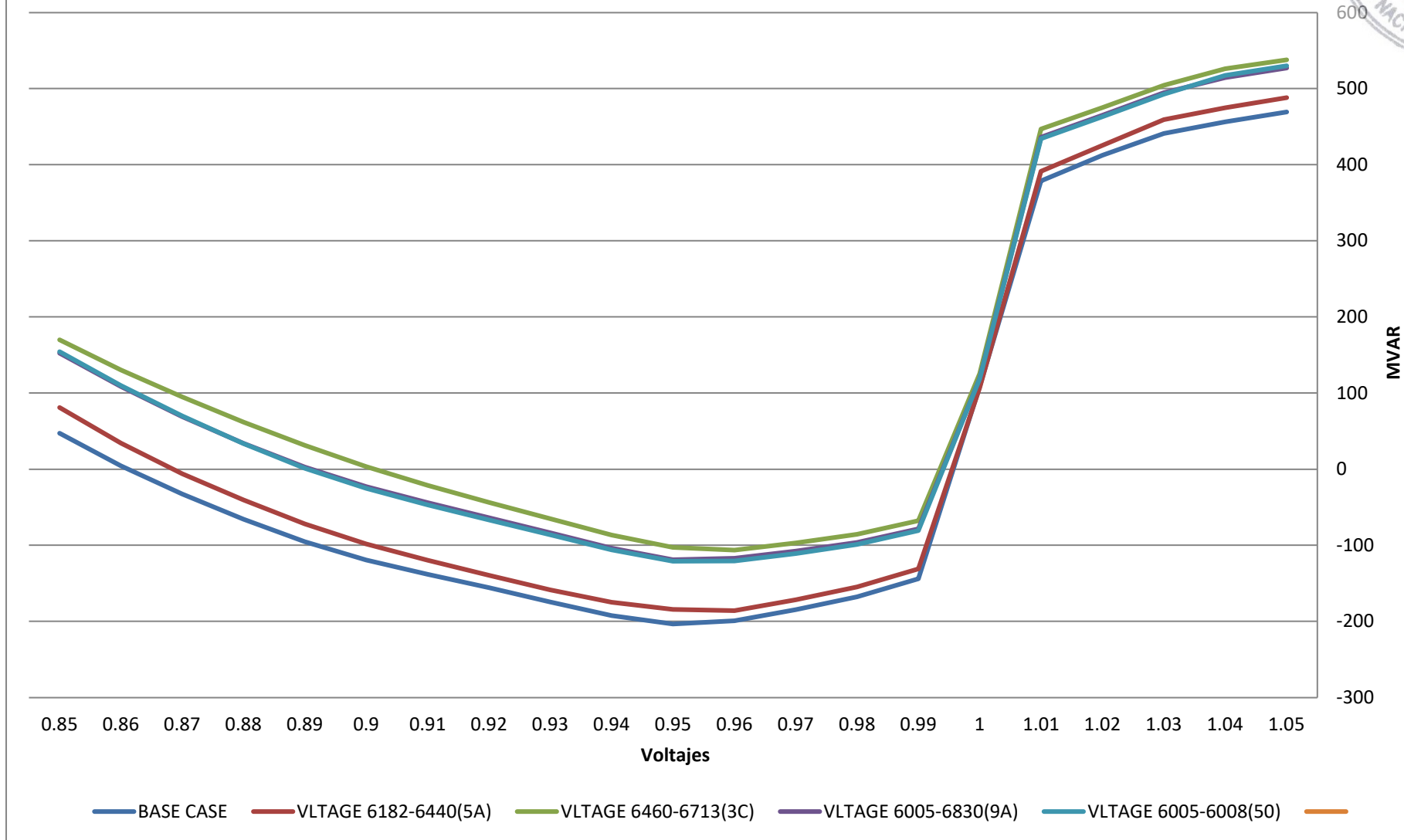


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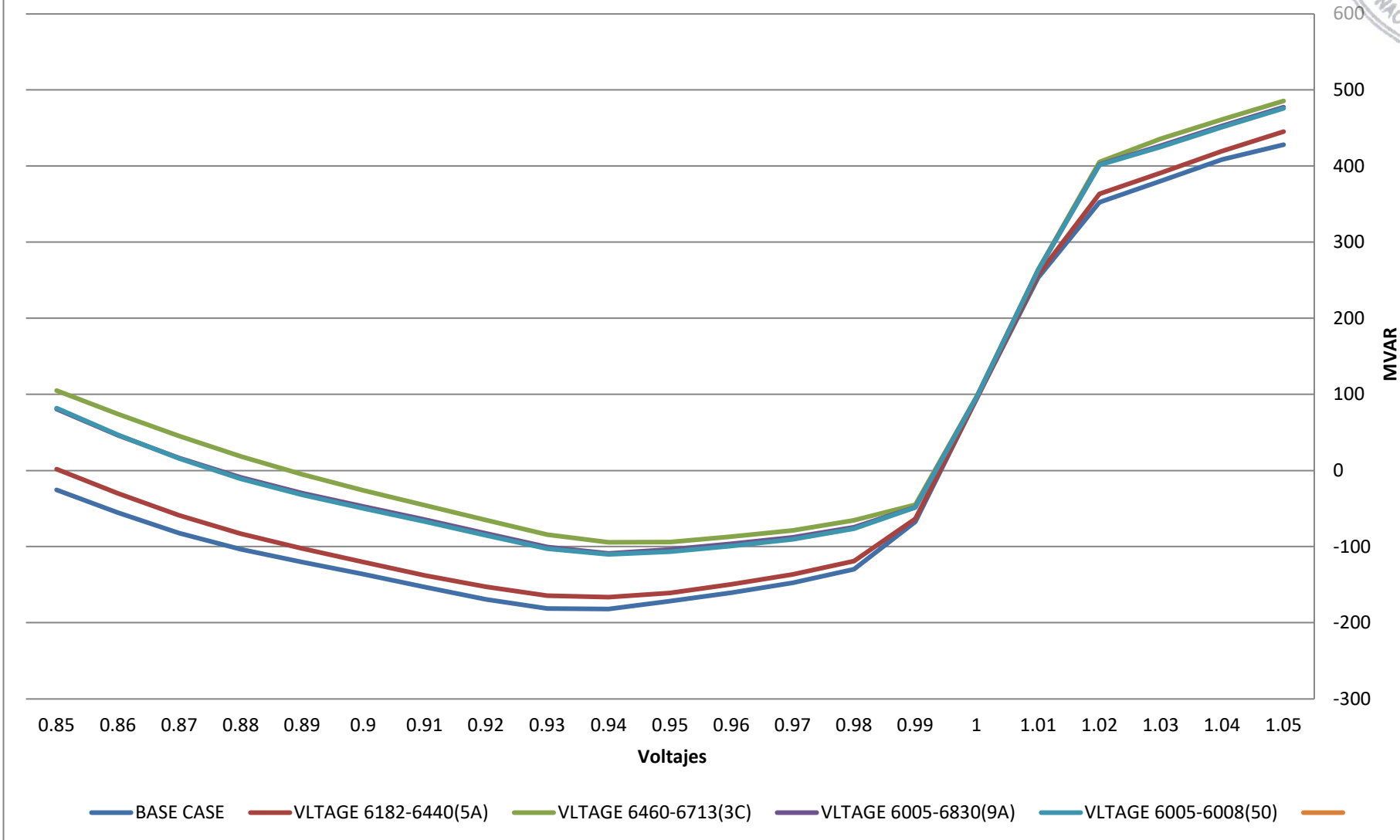


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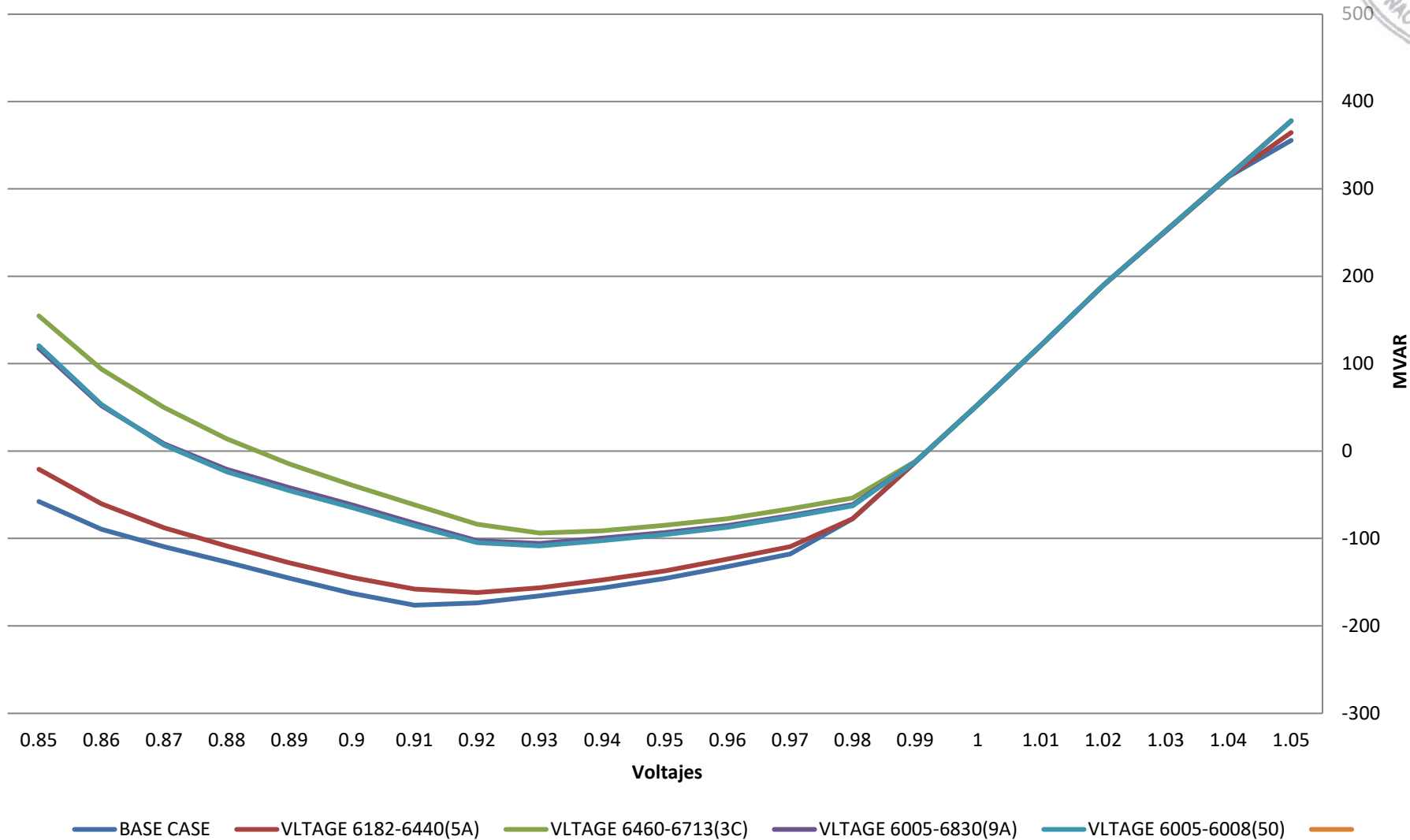


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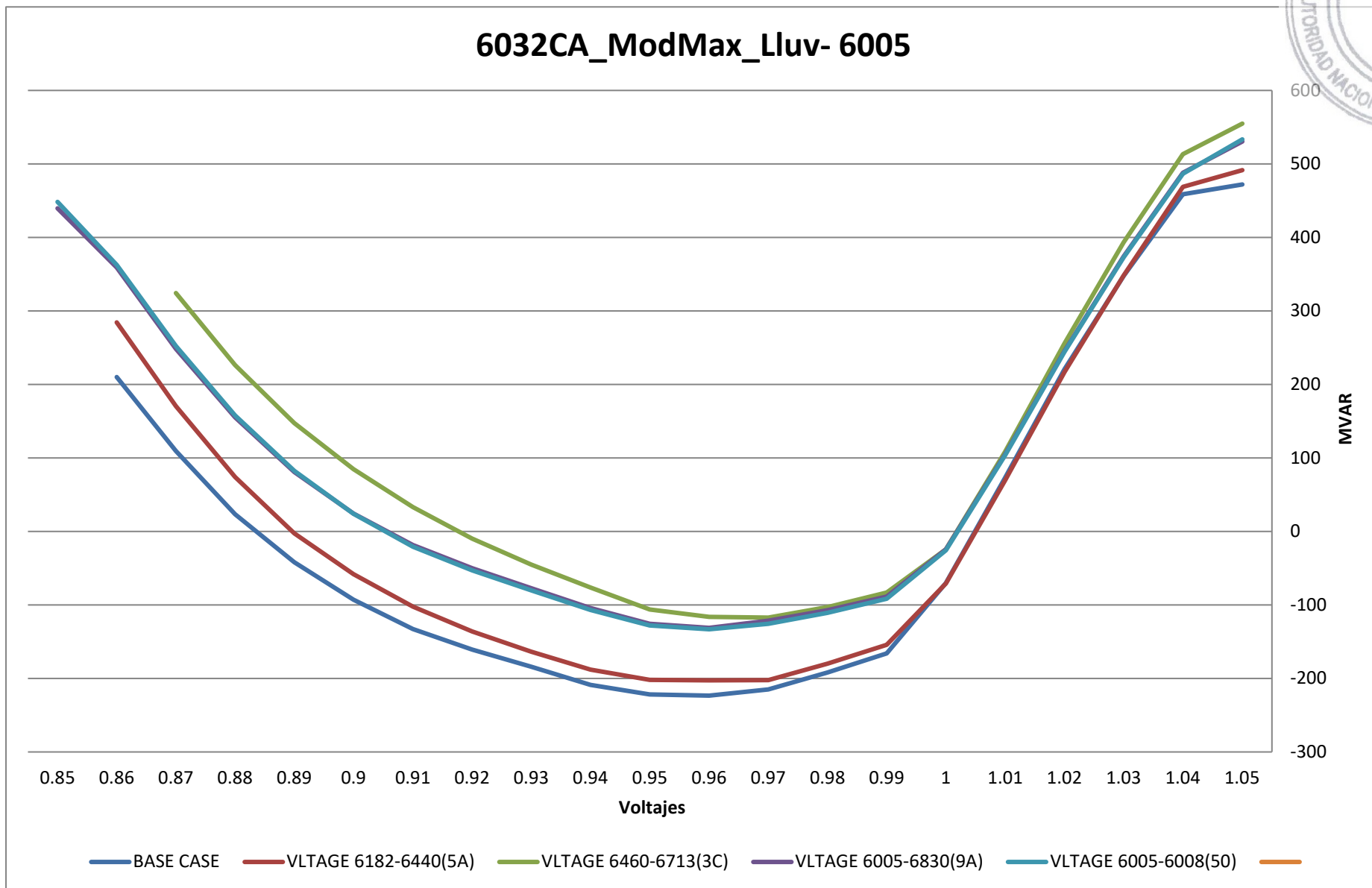
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6032CA_ModMax_Lluv- 6004

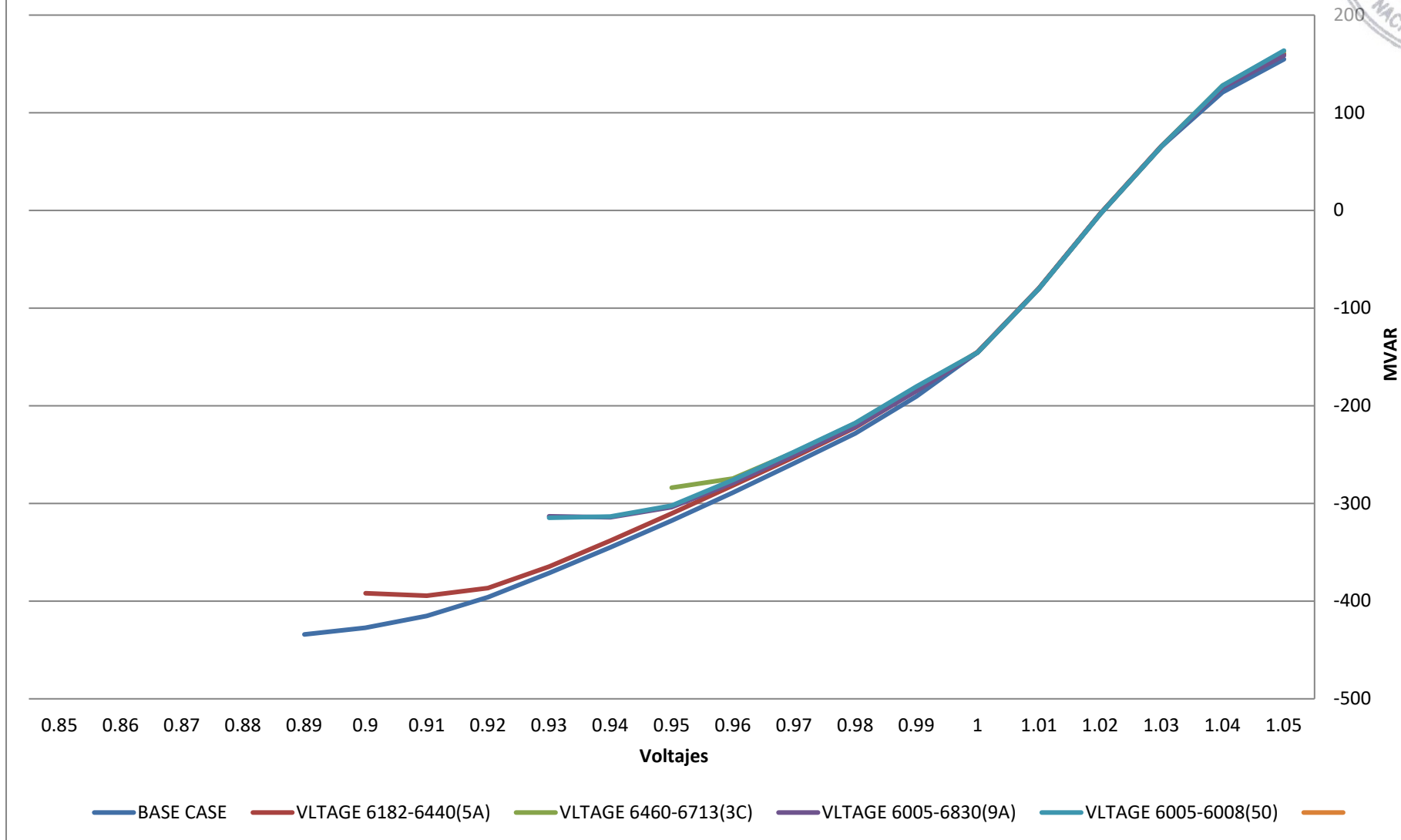


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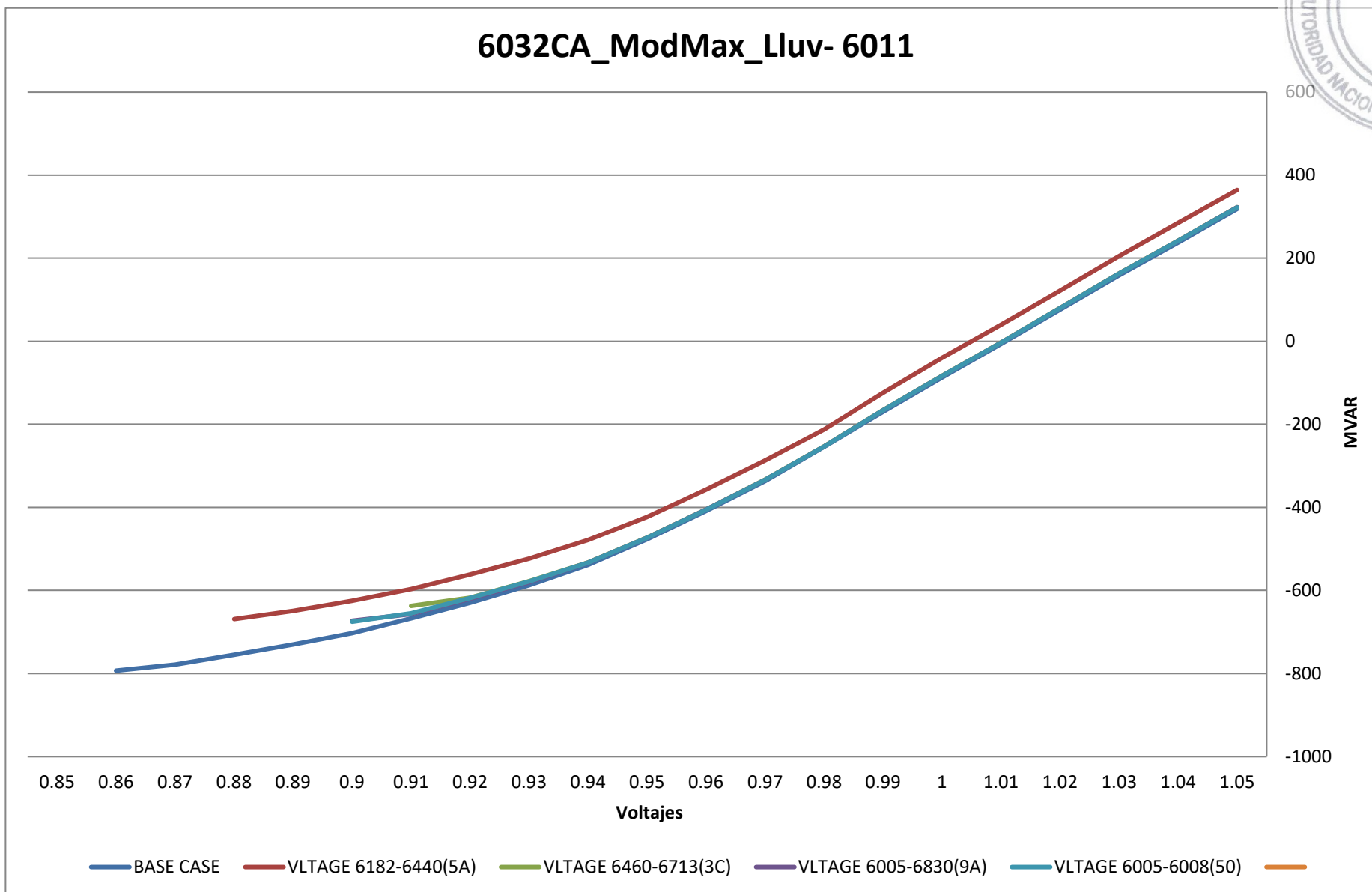


6032CA_ModMax_Lluv- 6009

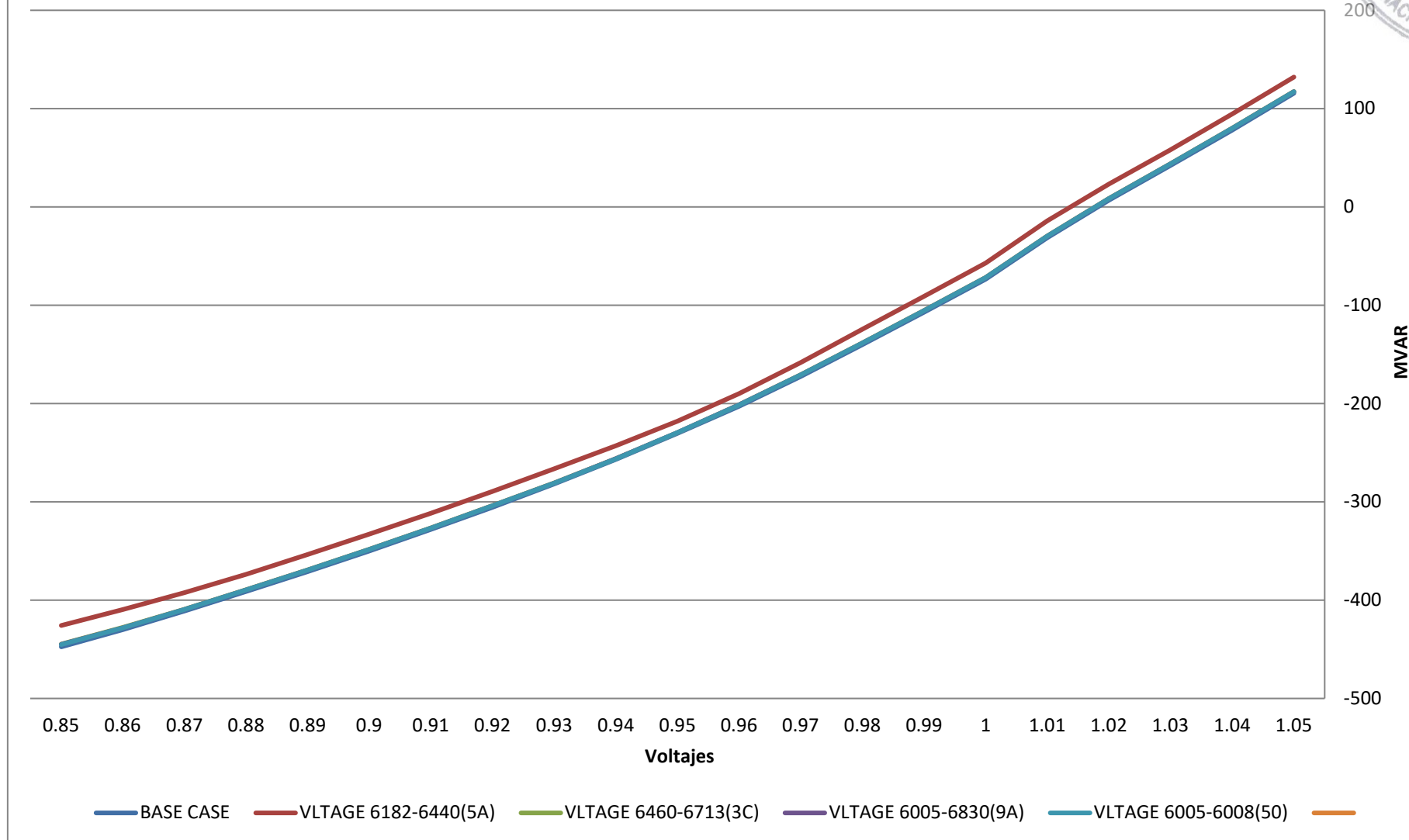


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6032CA_ModMax_Lluv- 6011



6032CA_ModMax_Lluv- 6012



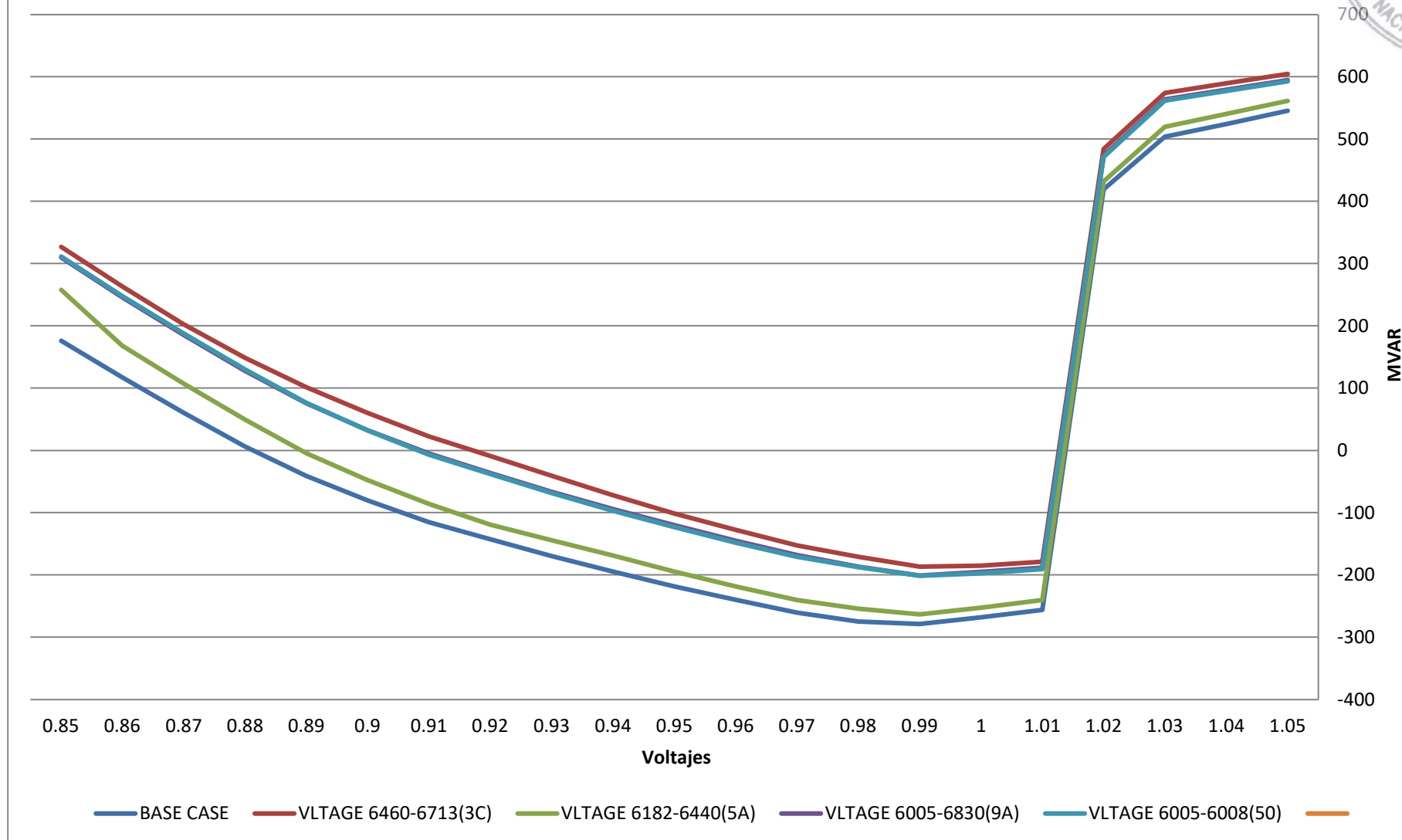


2034 LLUVIOSA

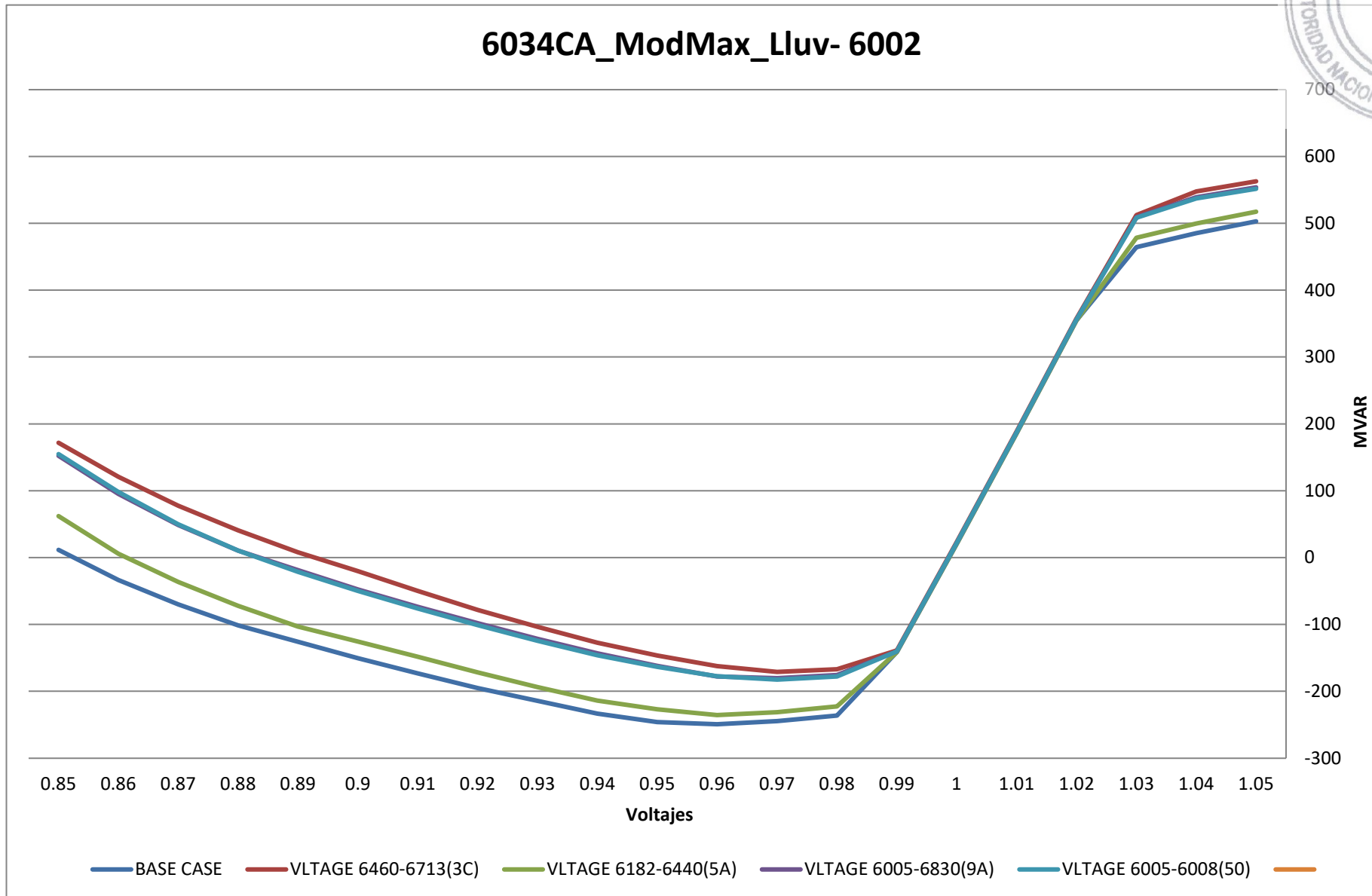
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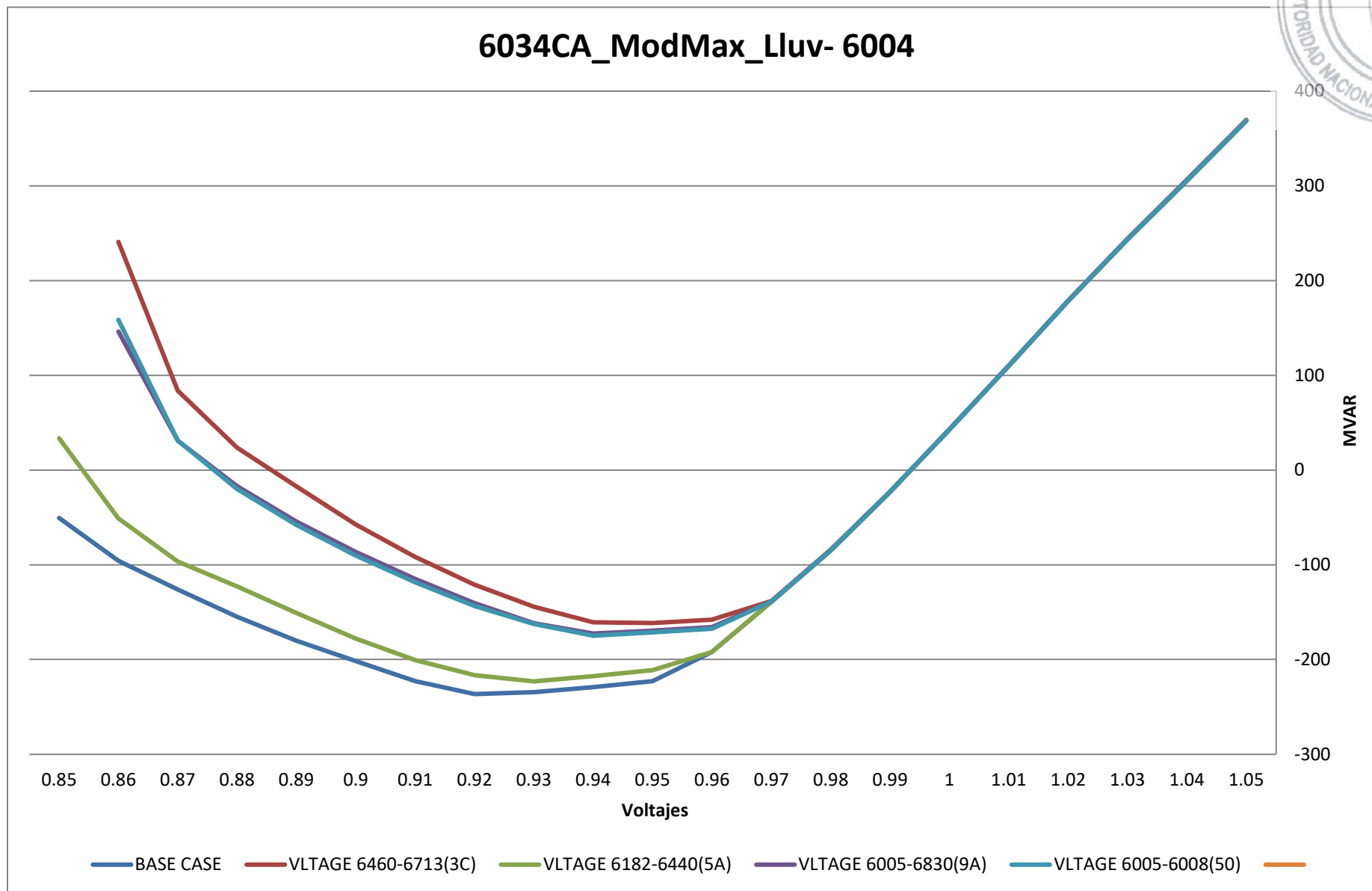
6034CA_ModMax_Lluv- 6001



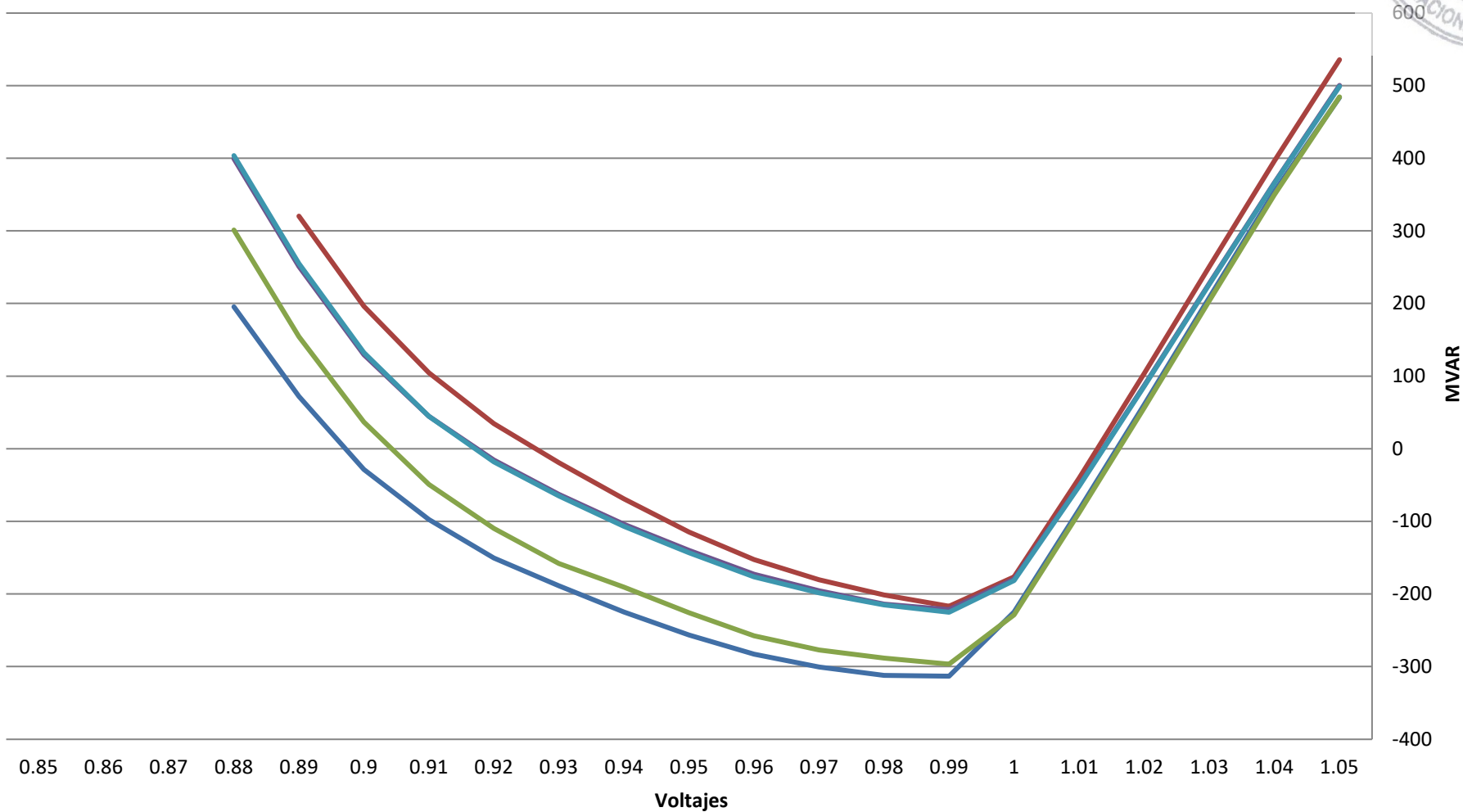
6034CA_ModMax_Lluv- 6002



6034CA_ModMax_Lluv- 6004



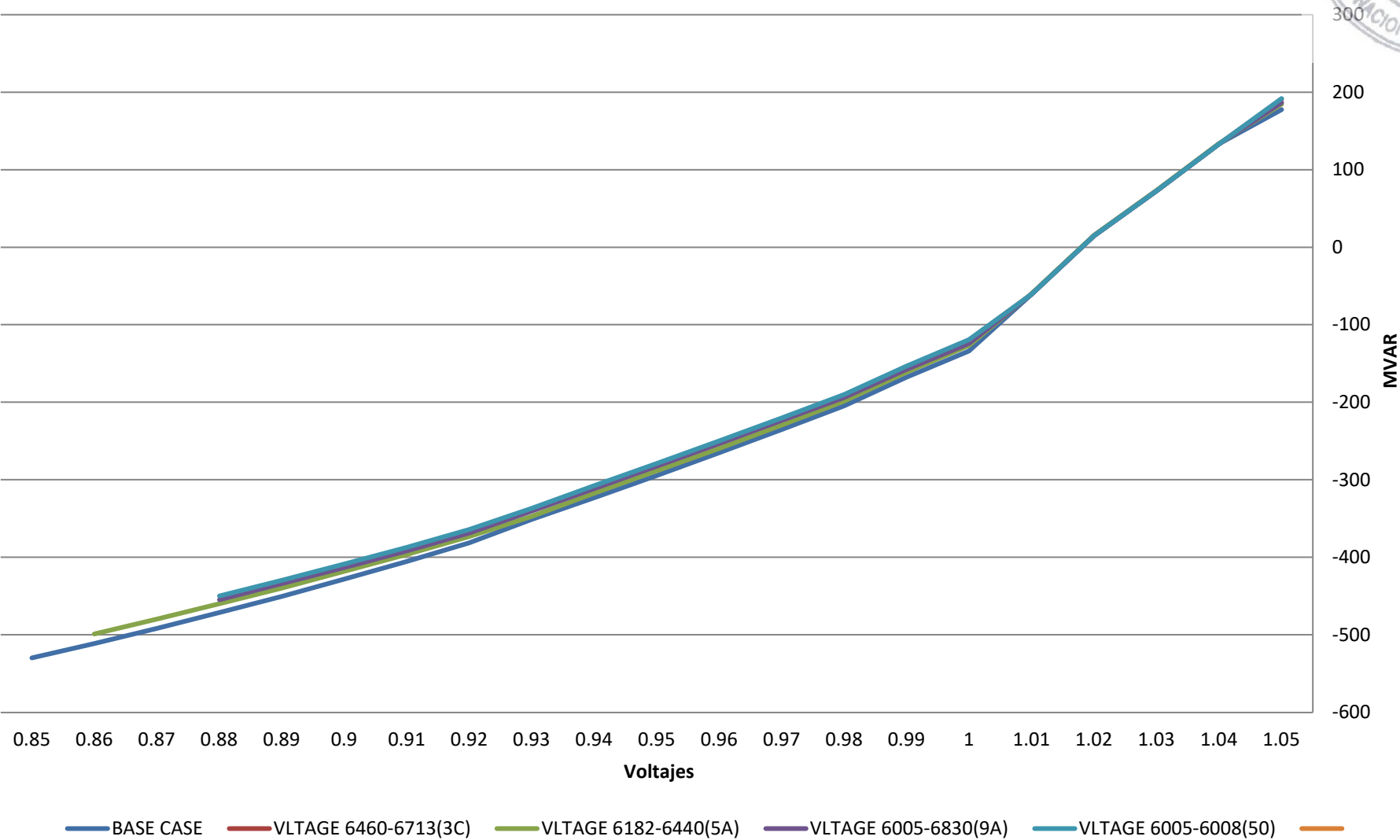
6034CA_ModMax_Lluv- 6005



— BASE CASE — VLTAGE 6460-6713(3C) — VLTAGE 6182-6440(5A) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50) —



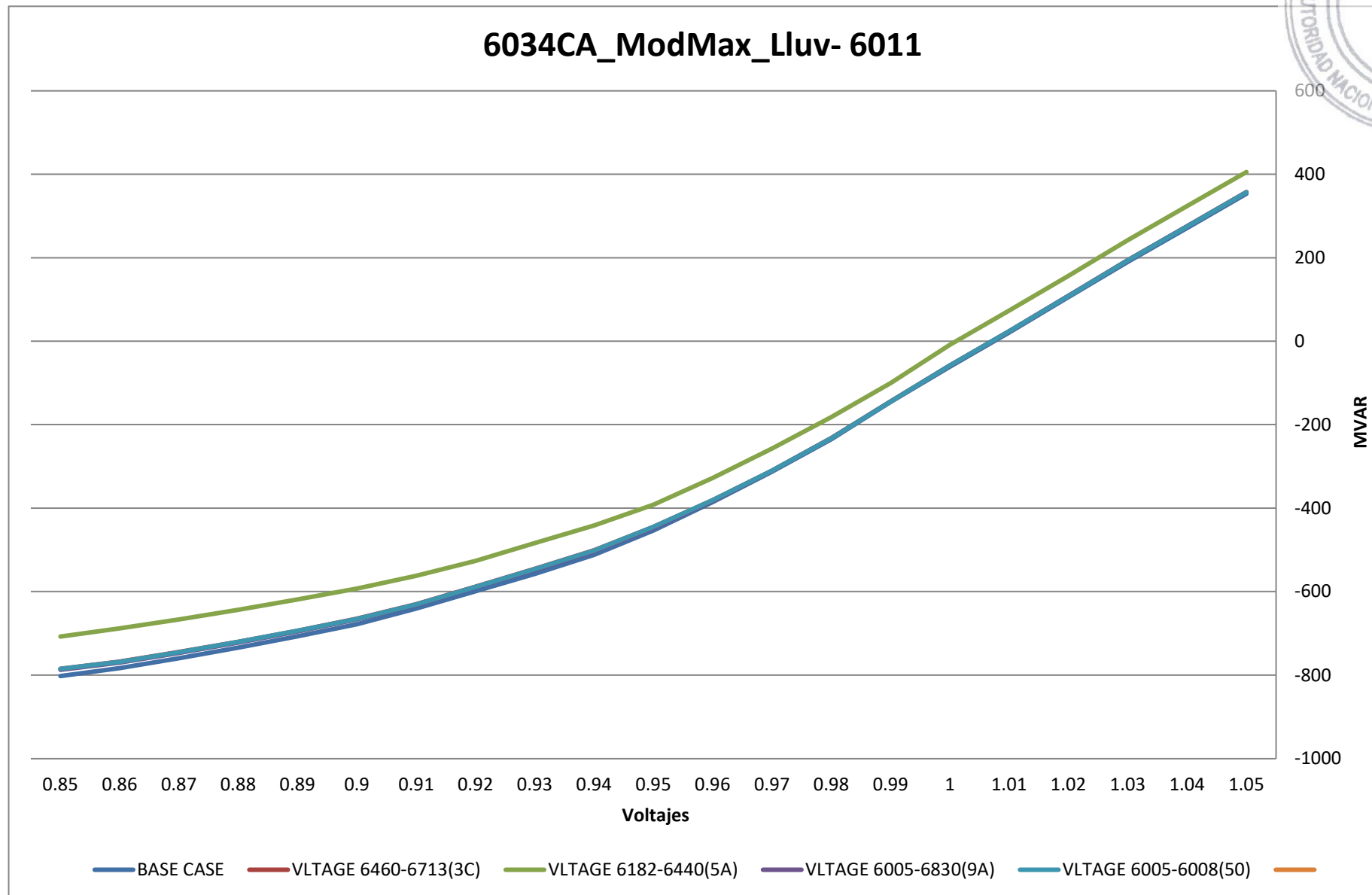
6034CA_ModMax_Lluv- 6009



AP



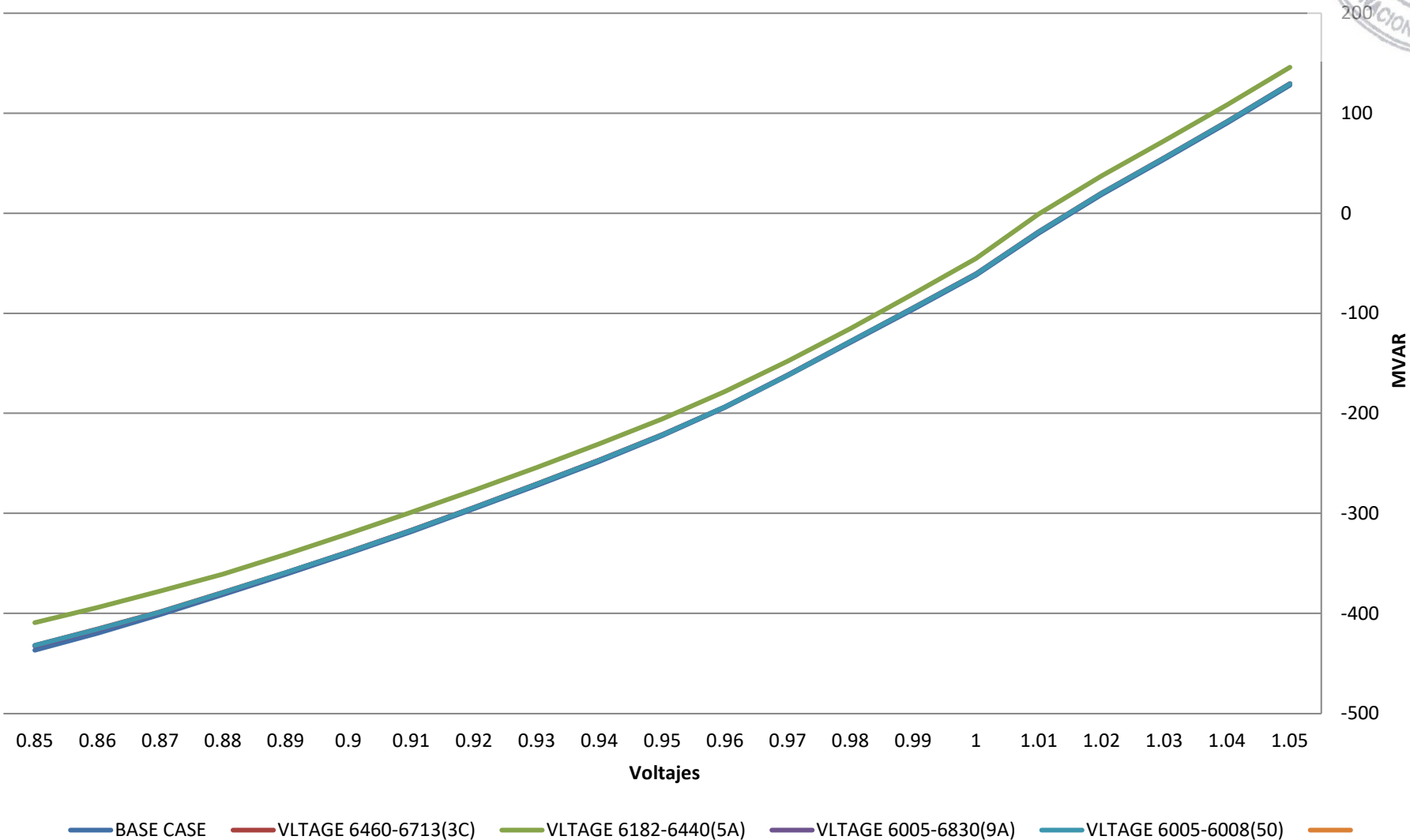
6034CA_ModMax_Lluv- 6011



AP



6034CA_ModMax_Lluv- 6012



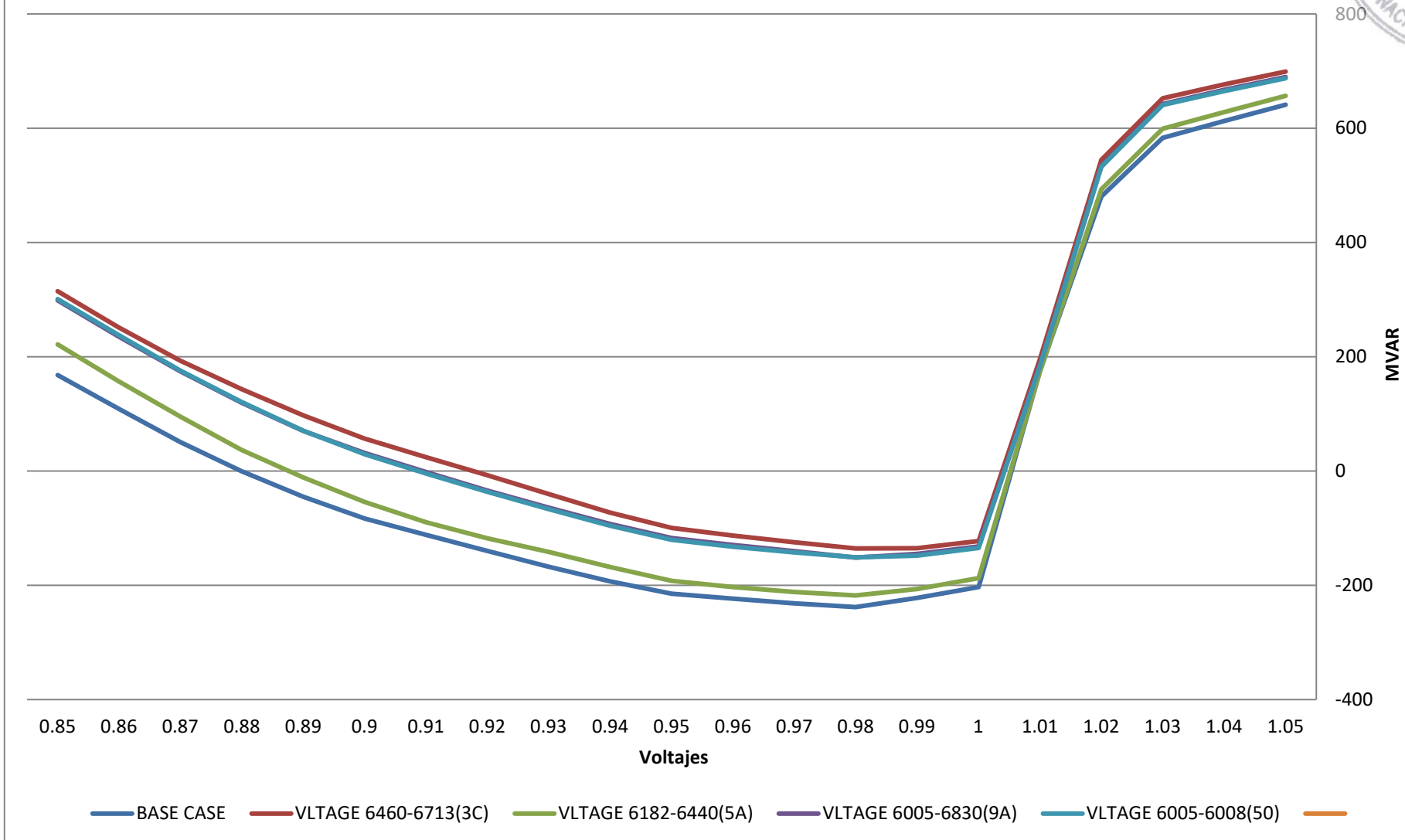
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2036 LLUVIOSA

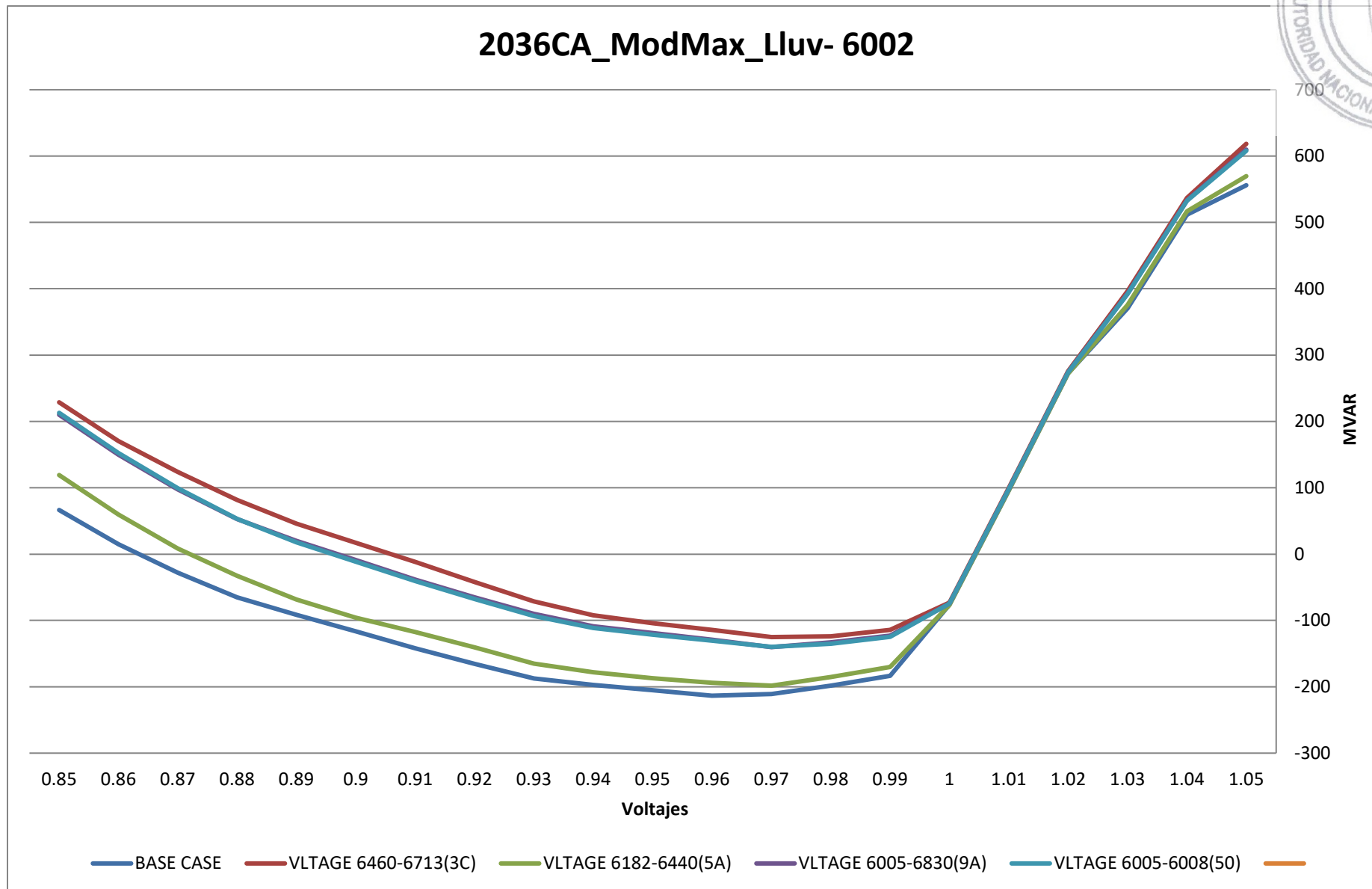
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2036CA_ModMax_Lluv- 6001



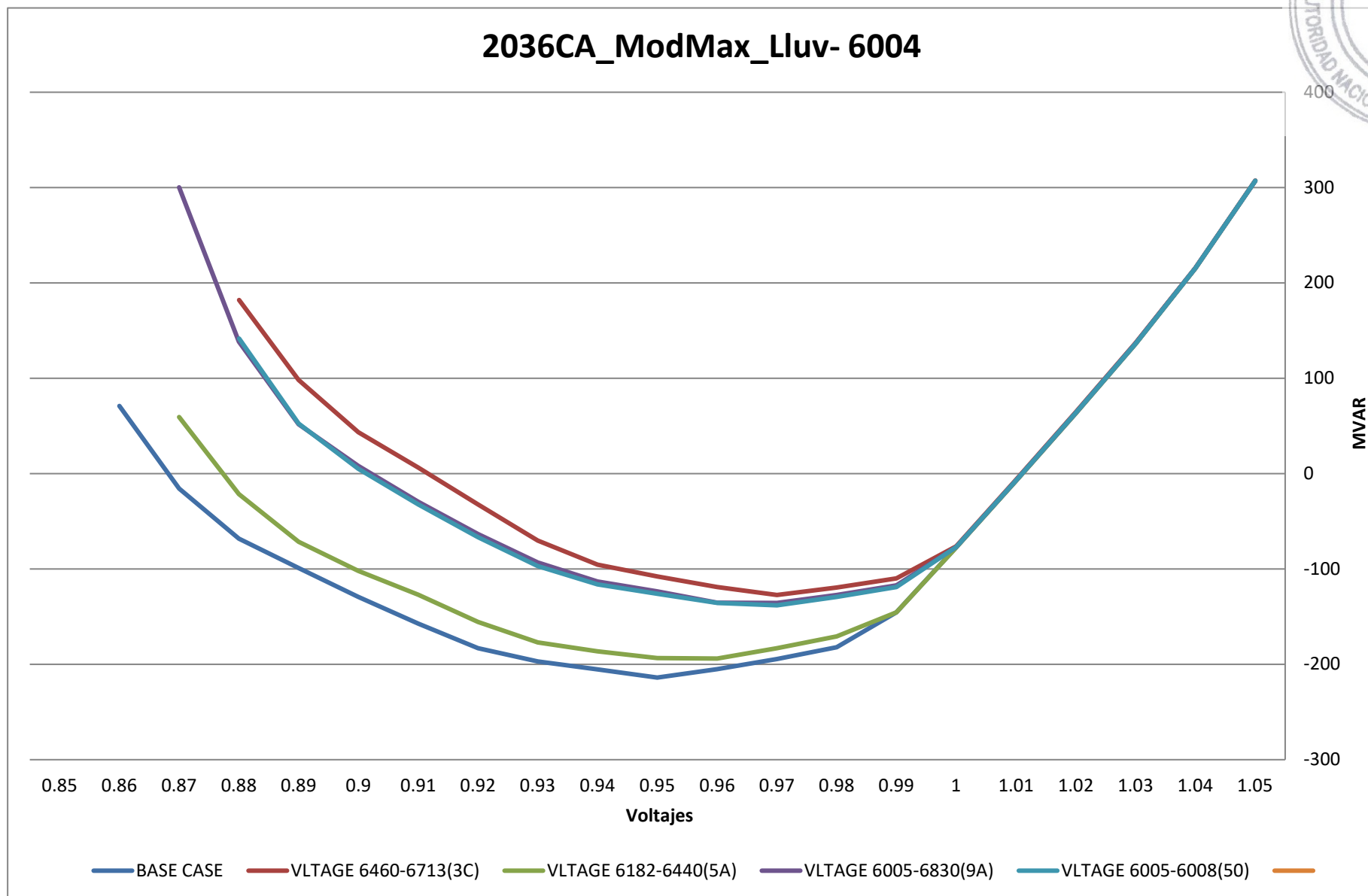


2036CA_ModMax_Lluv- 6002

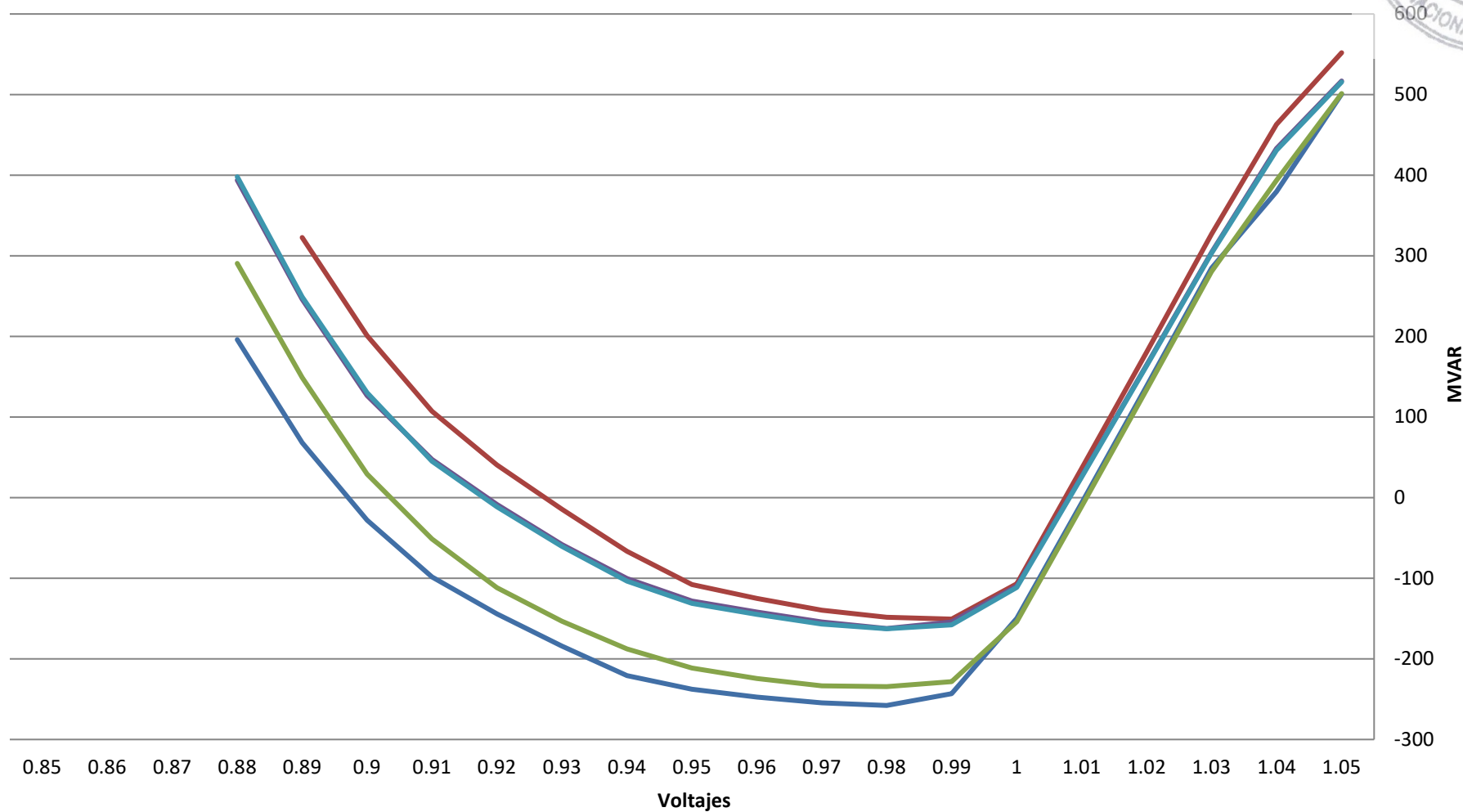


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2036CA_ModMax_Lluv- 6004

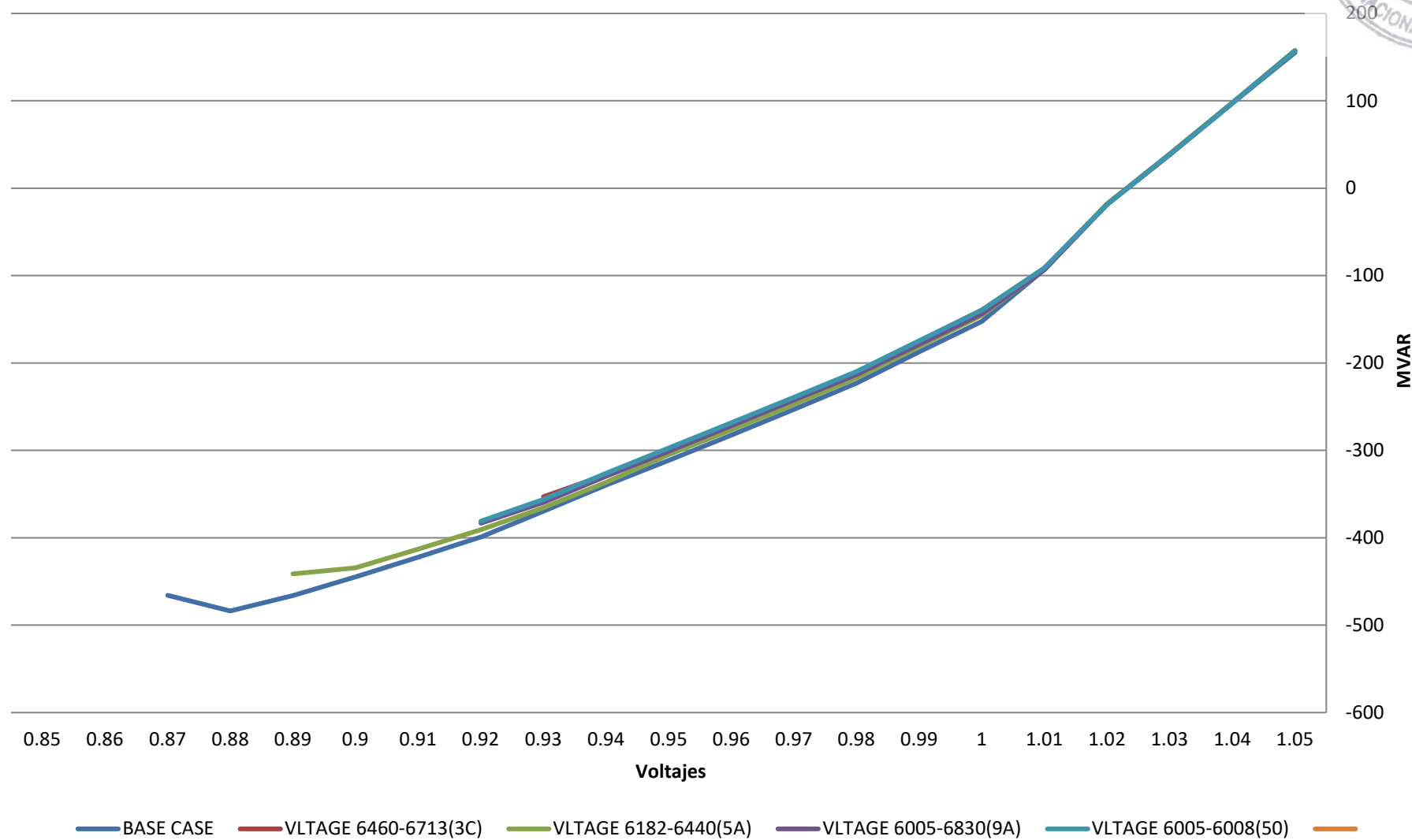


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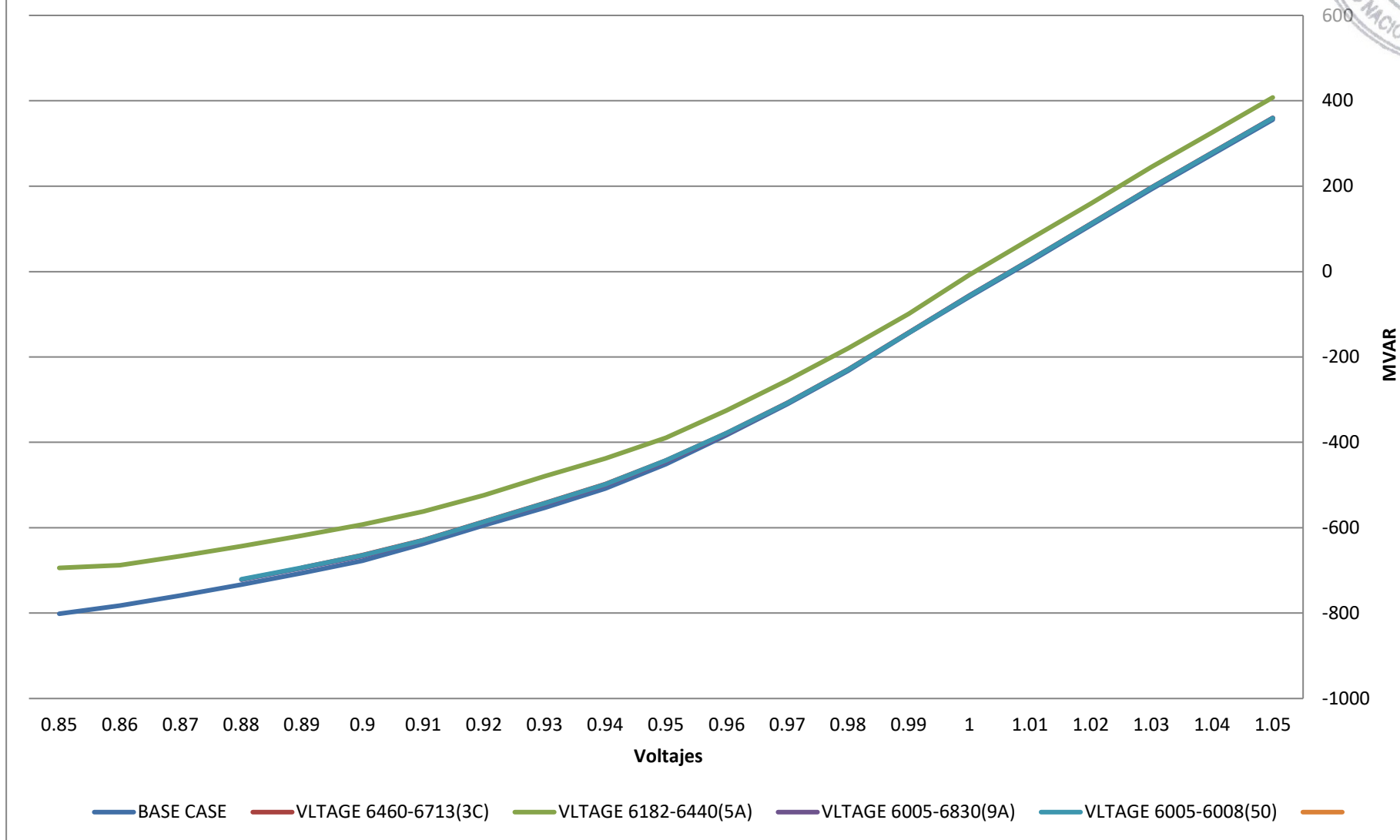


BASE CASE VLTAGE 6460-6713(3C) VLTAGE 6182-6440(5A) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)

2036CA_ModMax_Lluv- 6009

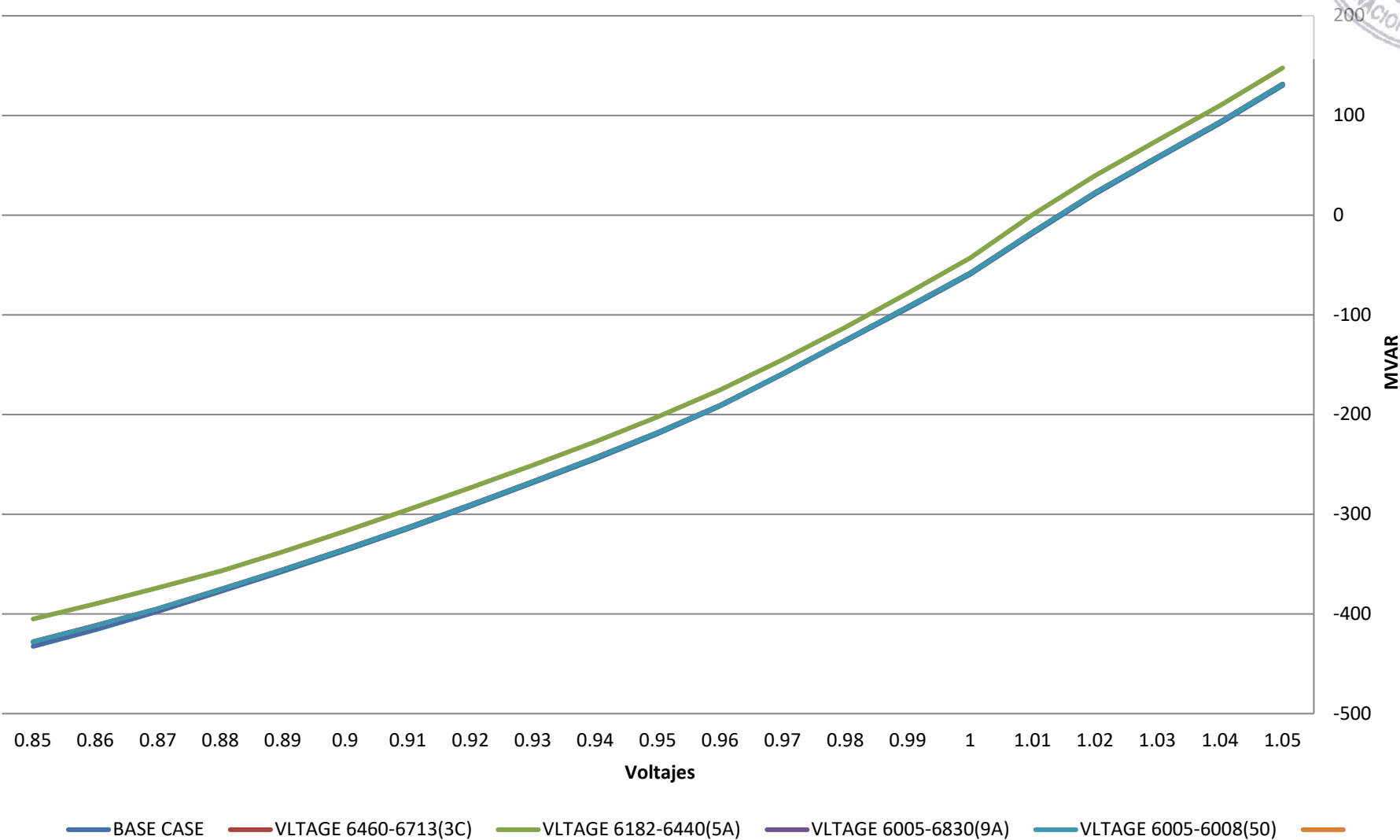


2036CA_ModMax_Lluv- 6011





2036CA_ModMax_Lluv- 6012



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CASO 2

SIN 4LT

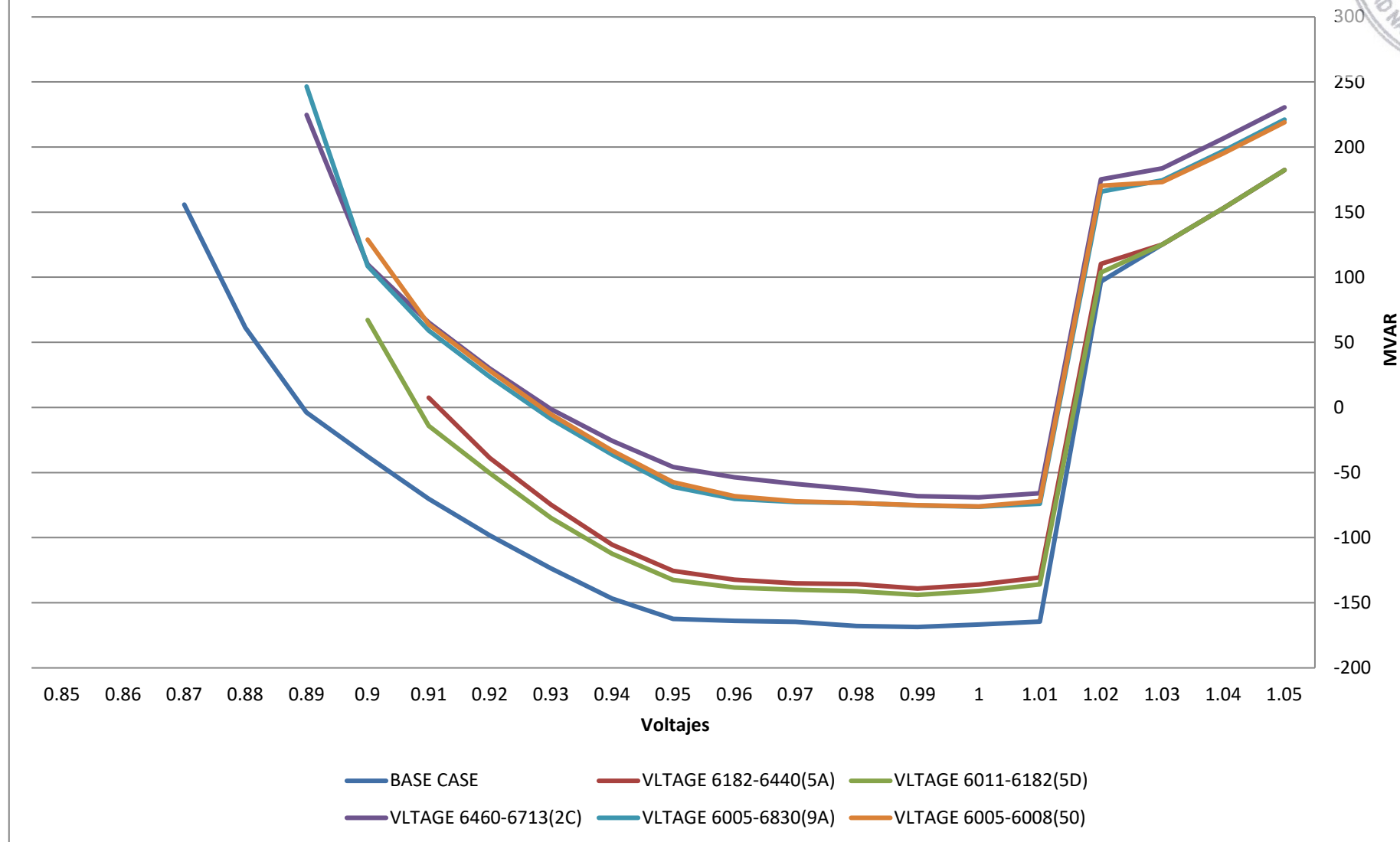
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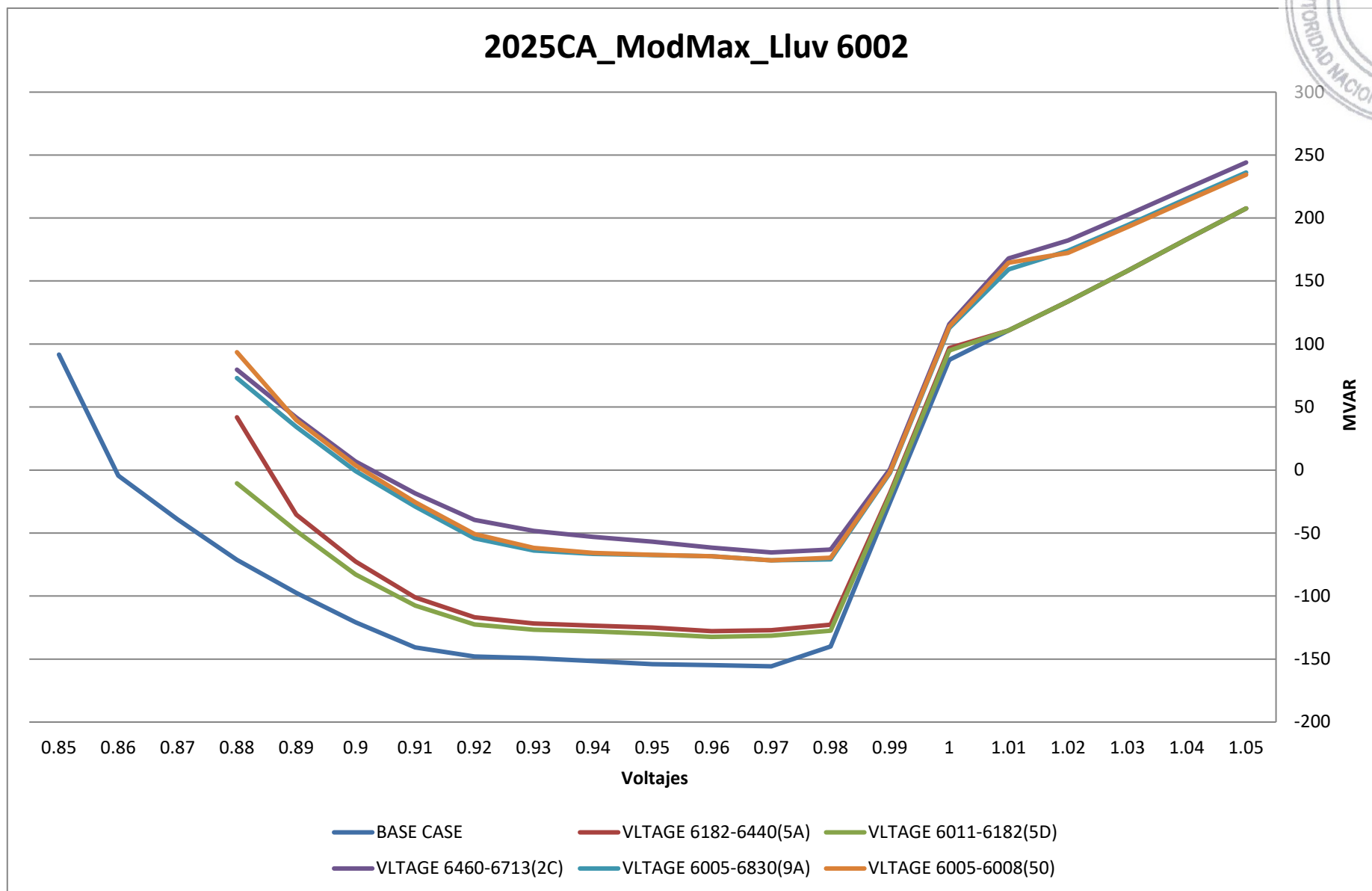
2025 LLUVIOSA

AB

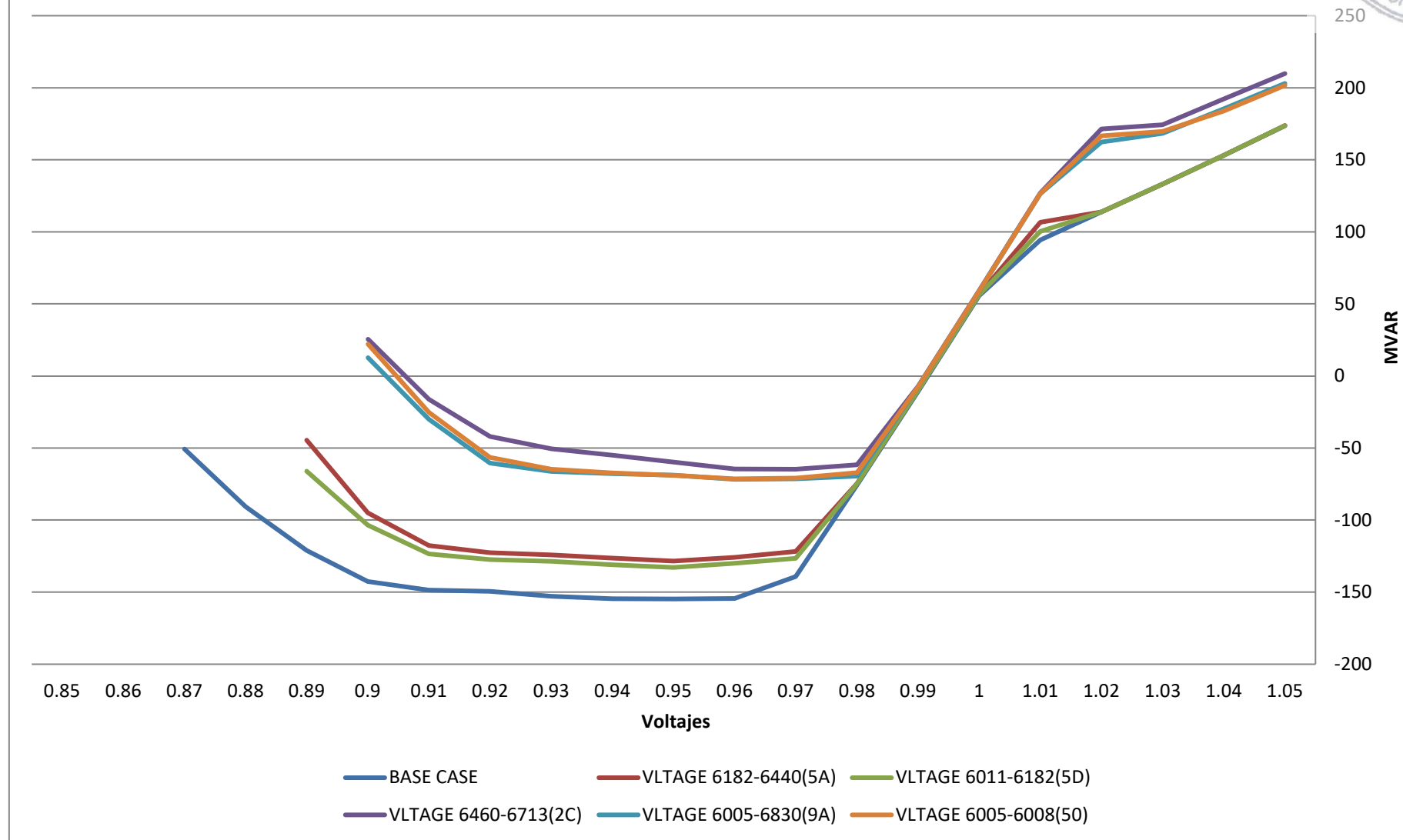
2025CA_ModMax_Lluv 6001



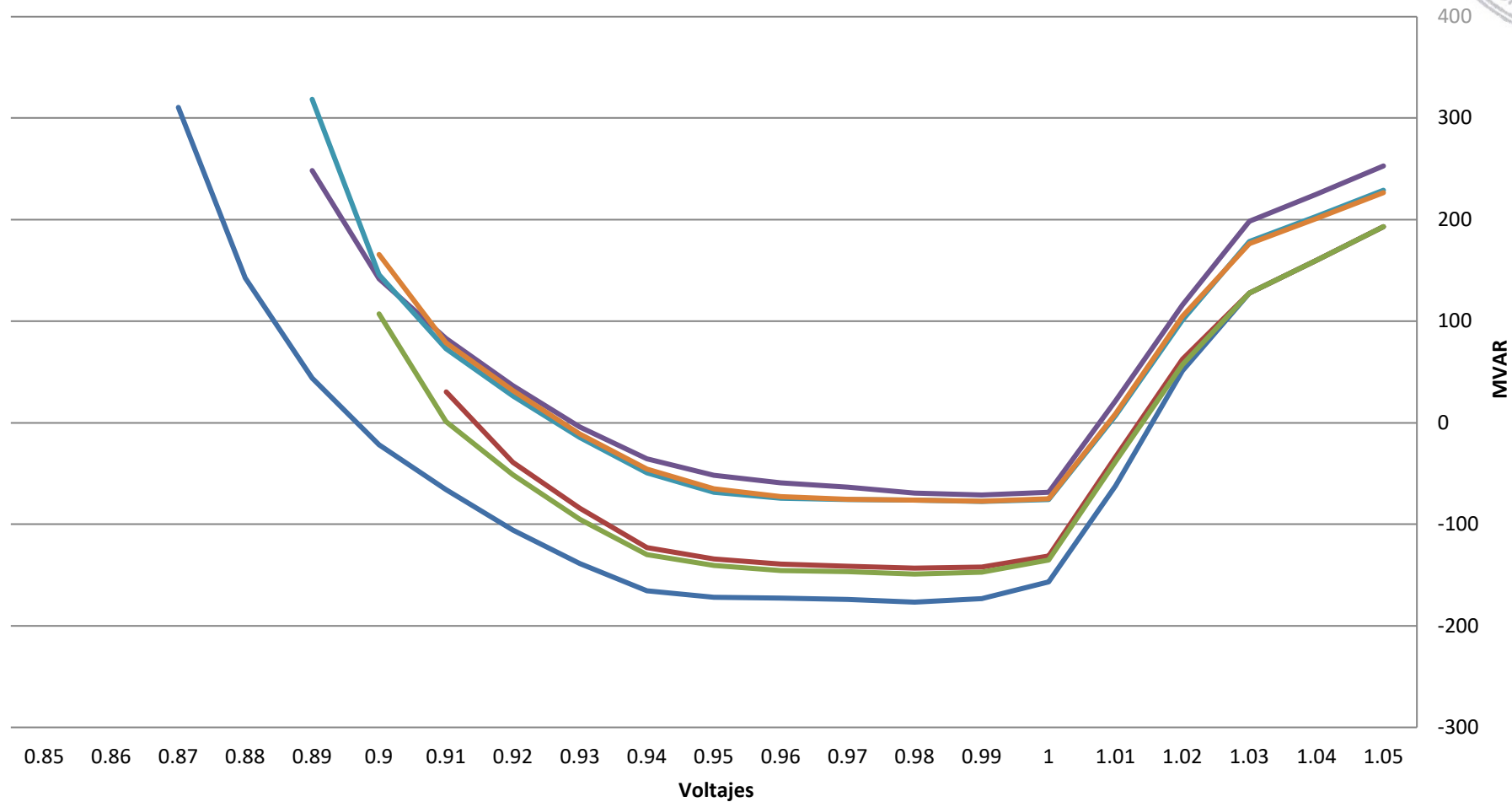
2025CA_ModMax_Lluv 6002



2025CA_ModMax_Lluv 6004



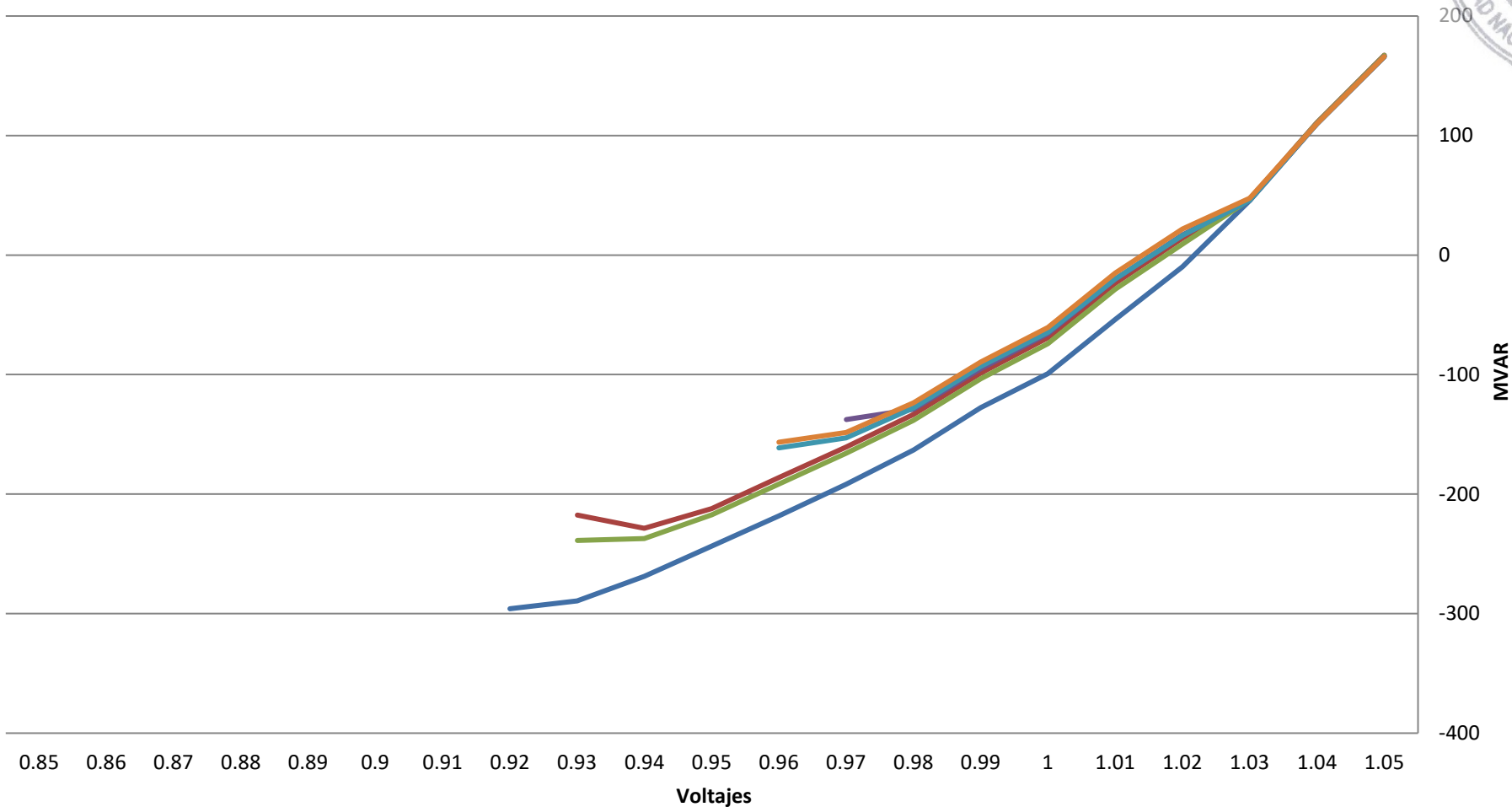
2025CA_ModMax_Lluv 6005



— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6011-6182(5D)
— VLTAGE 6460-6713(2C) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50)



2025CA_ModMax_Lluv 6009

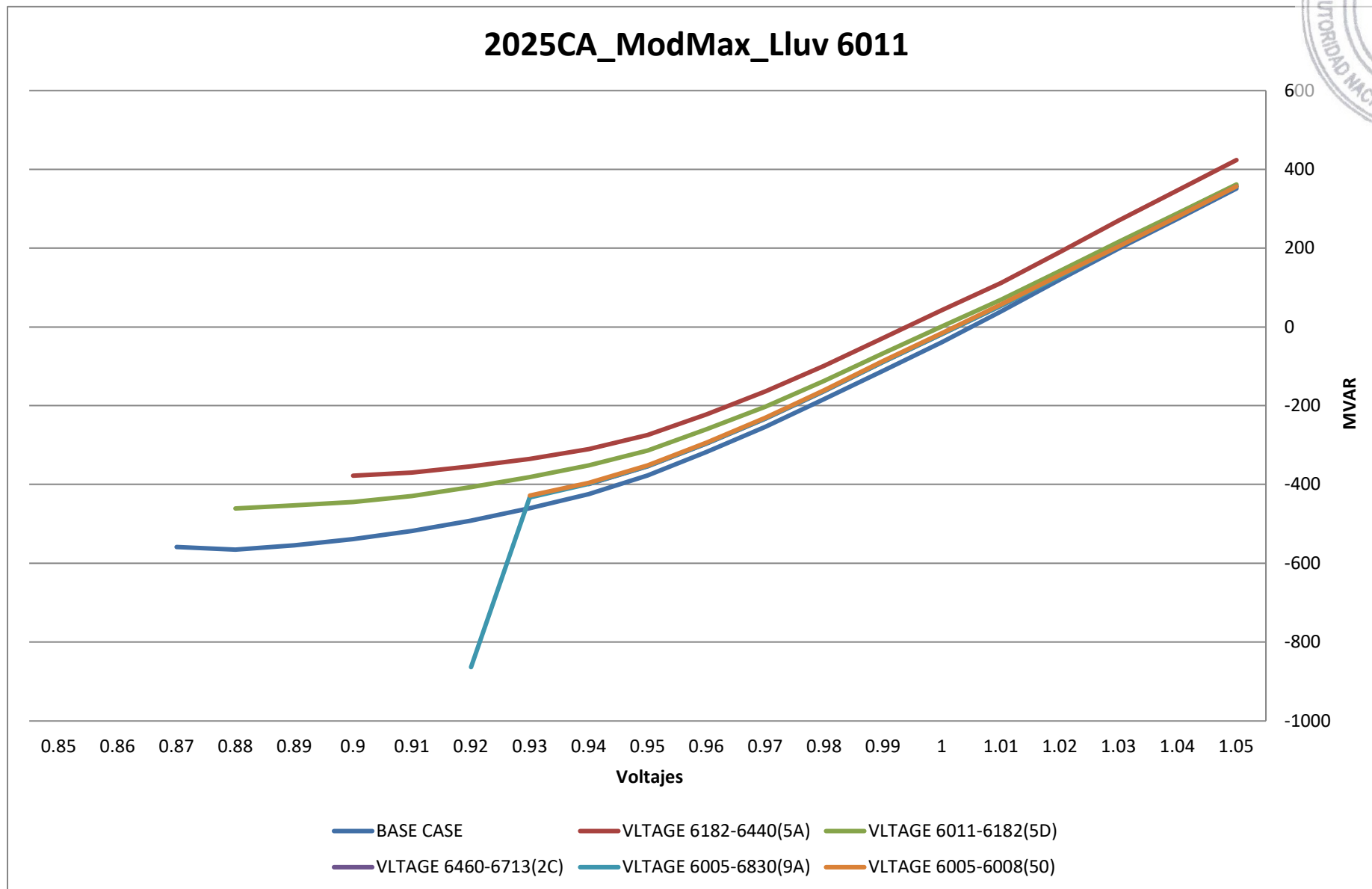


— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6011-6182(5D)
— VLTAGE 6460-6713(2C) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50)

AP

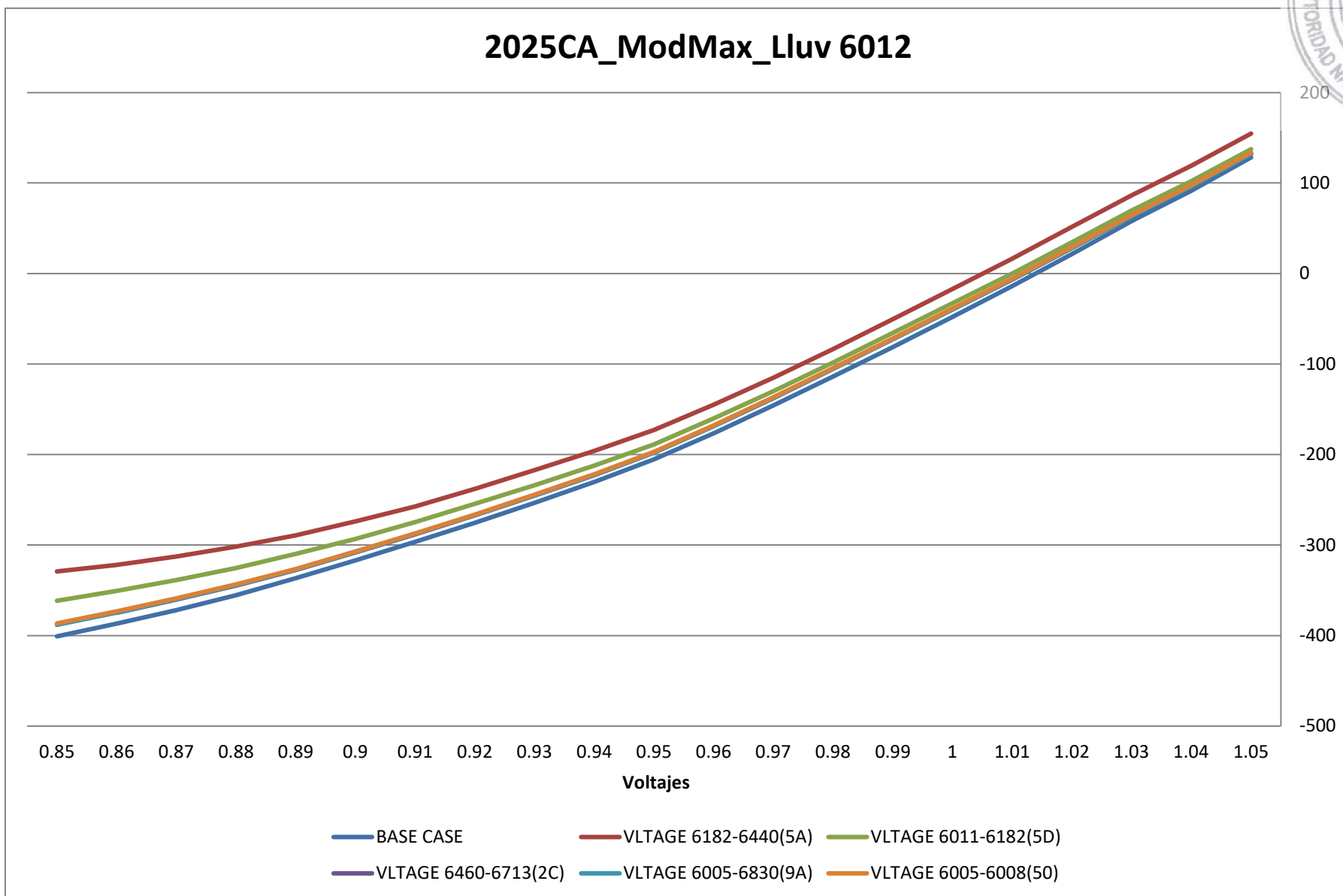


2025CA_ModMax_Lluv 6011



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2025CA_ModMax_Lluv 6012



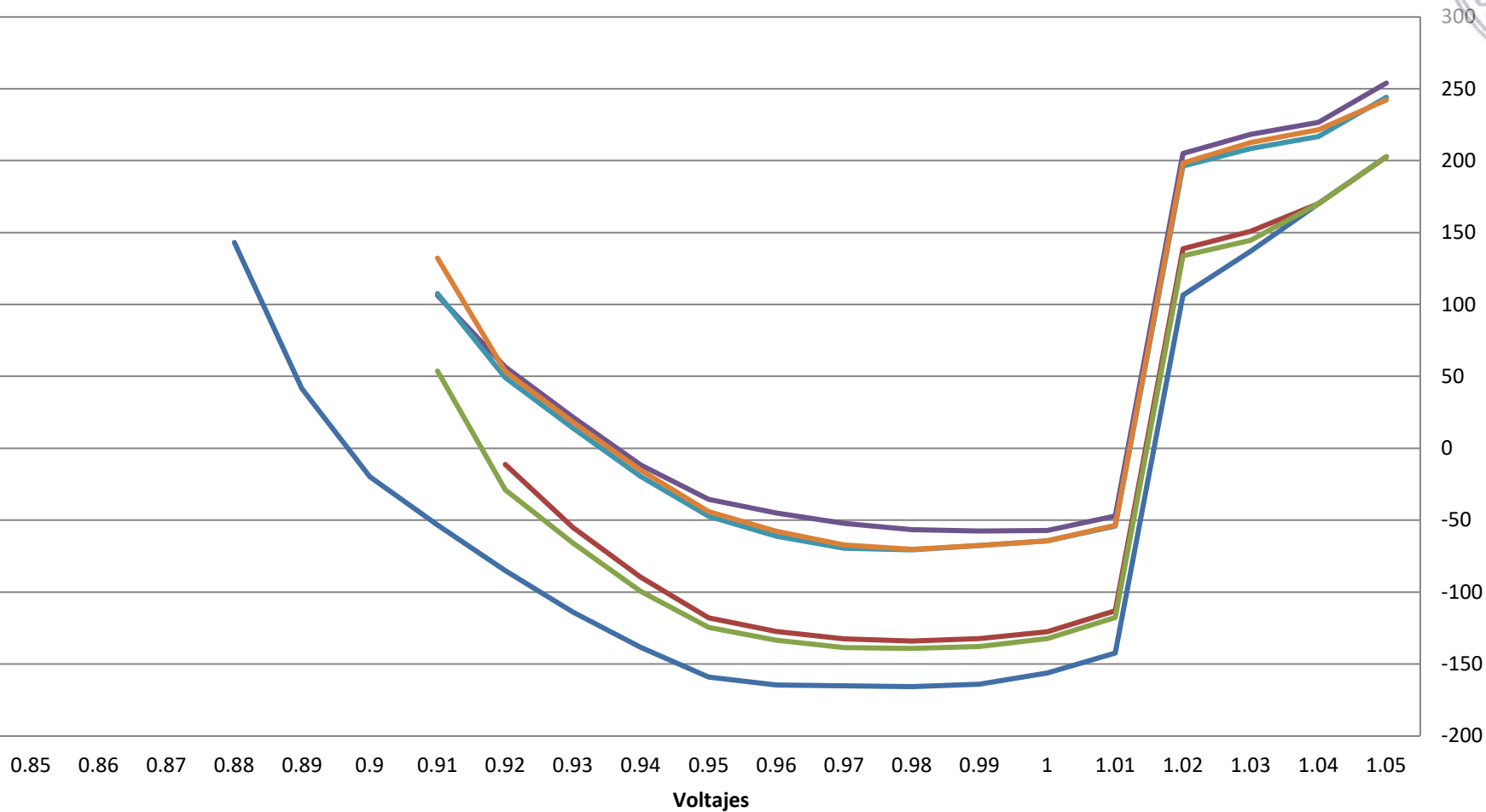


2026 LLUVIOSA

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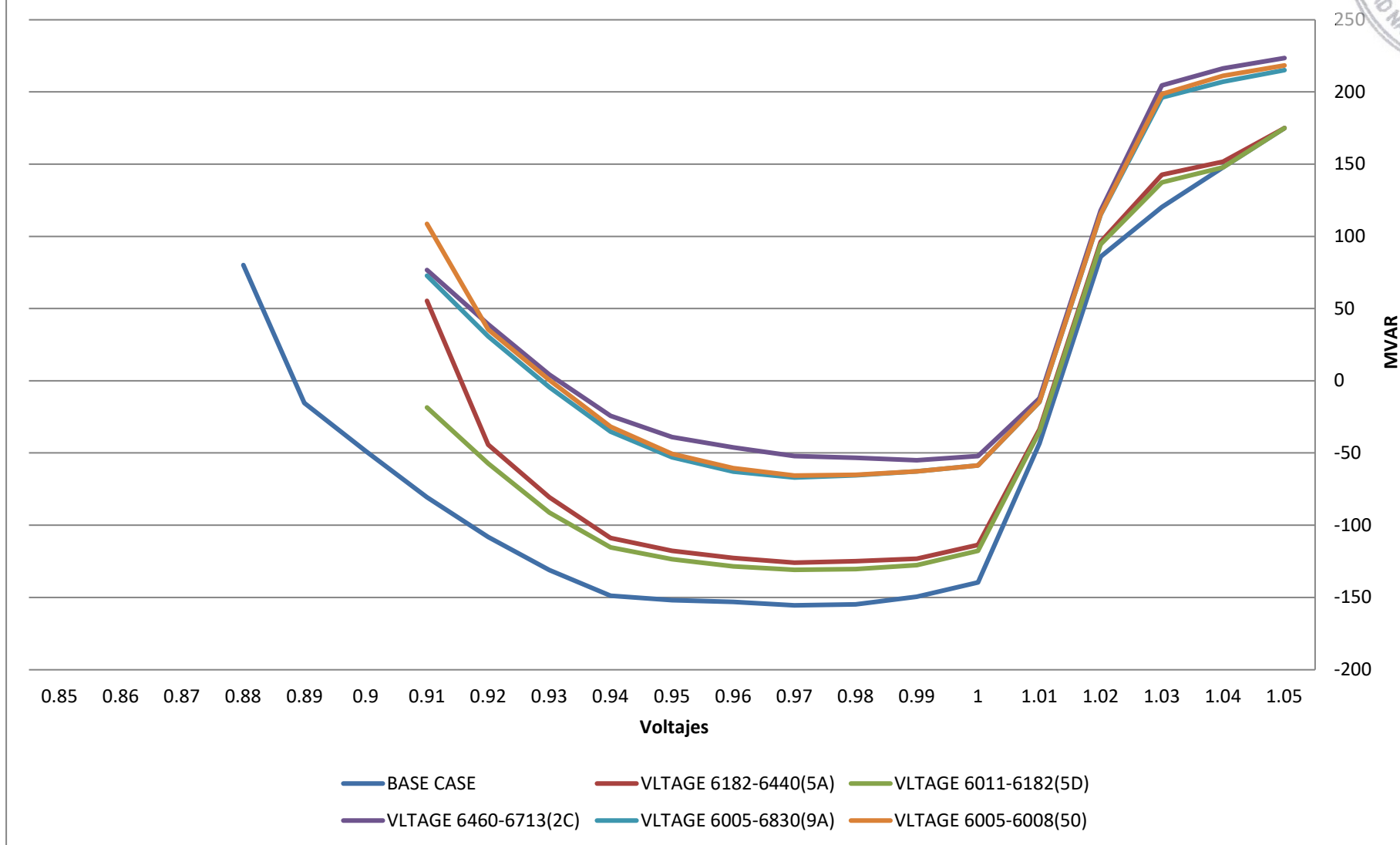
2026CA_ModMax_Lluv- 6001

MVAR

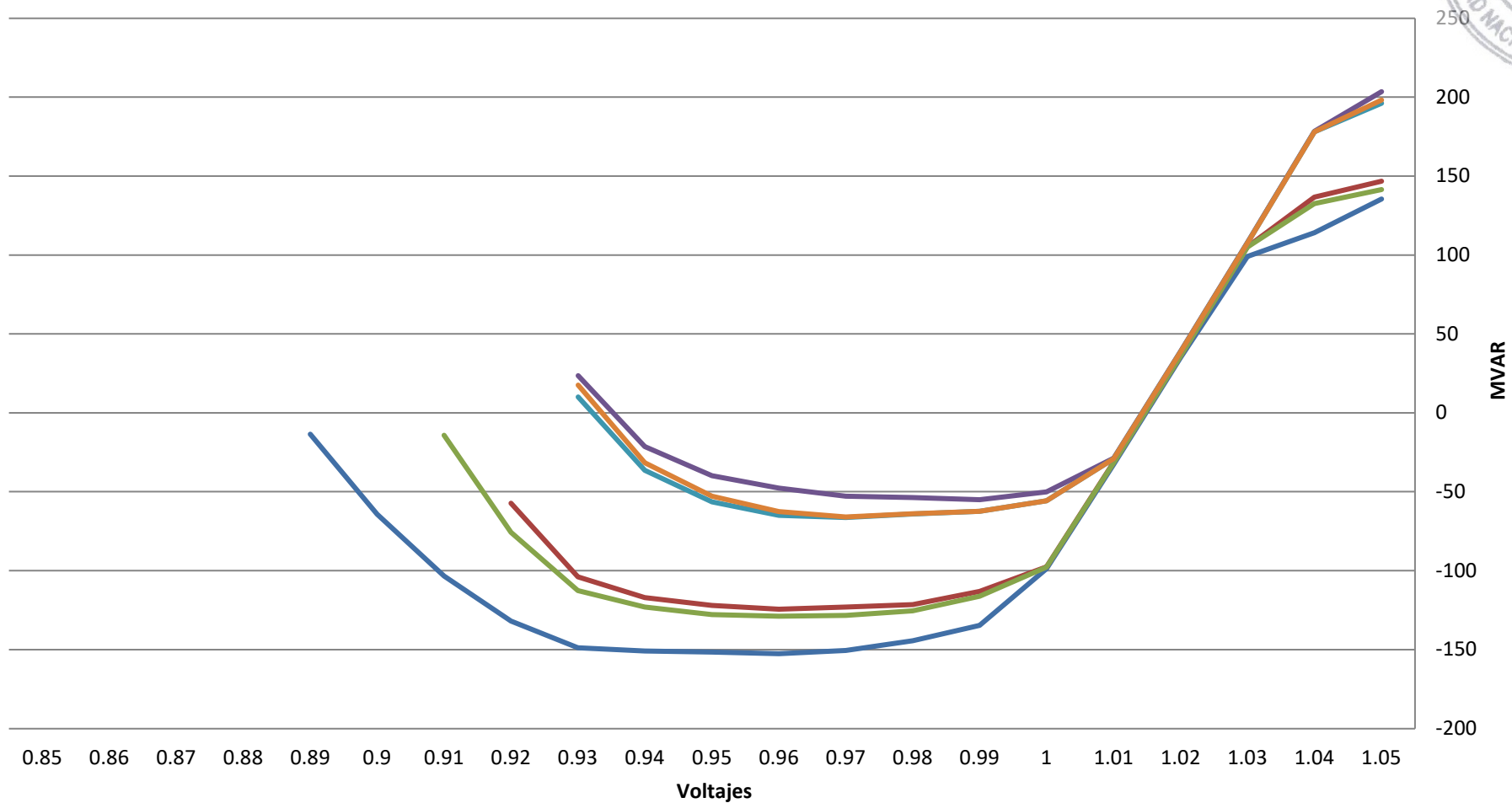


BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6011-6182(5D)
VLTAGE 6460-6713(2C) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)

2026CA_ModMax_Lluv- 6002

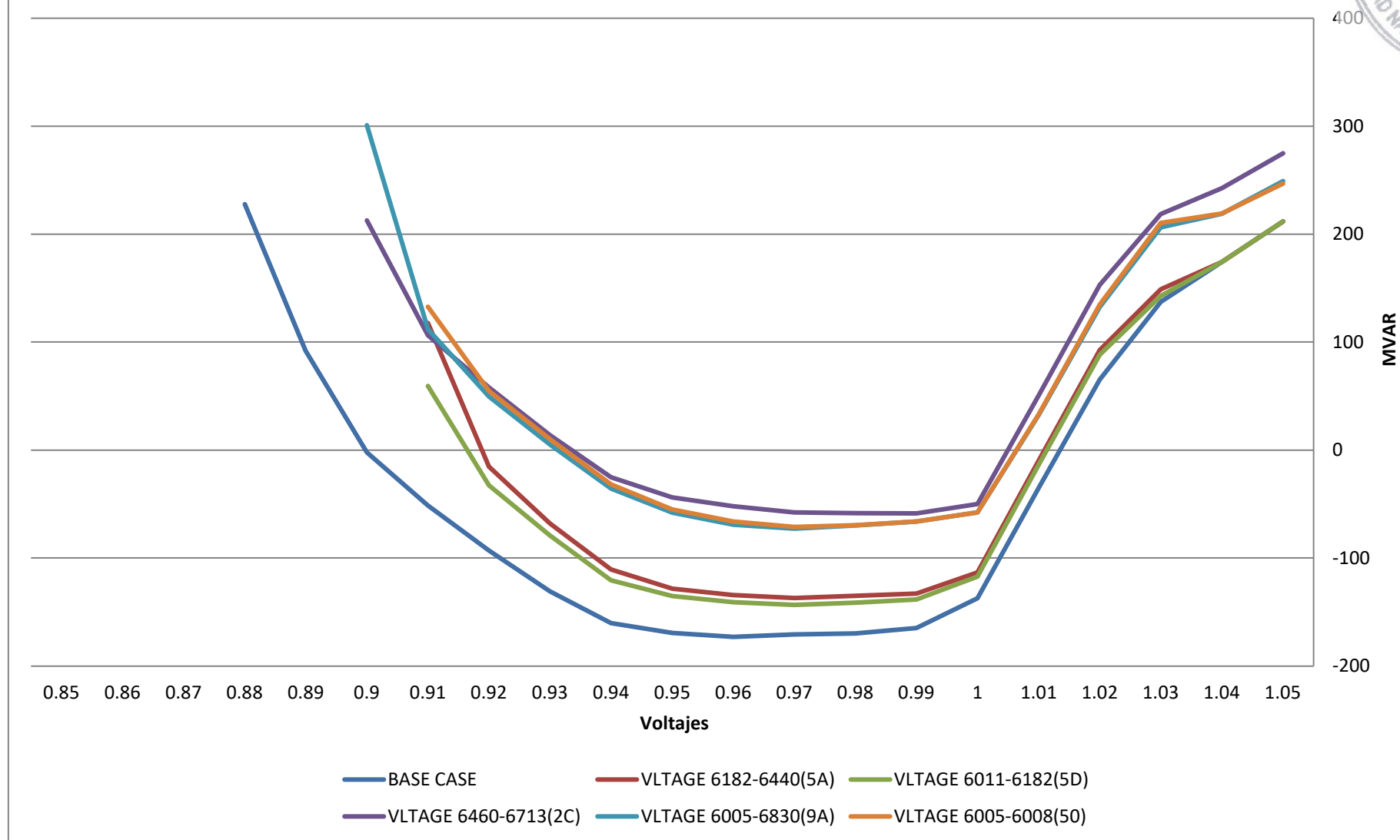


2026CA_ModMax_Lluv- 6004

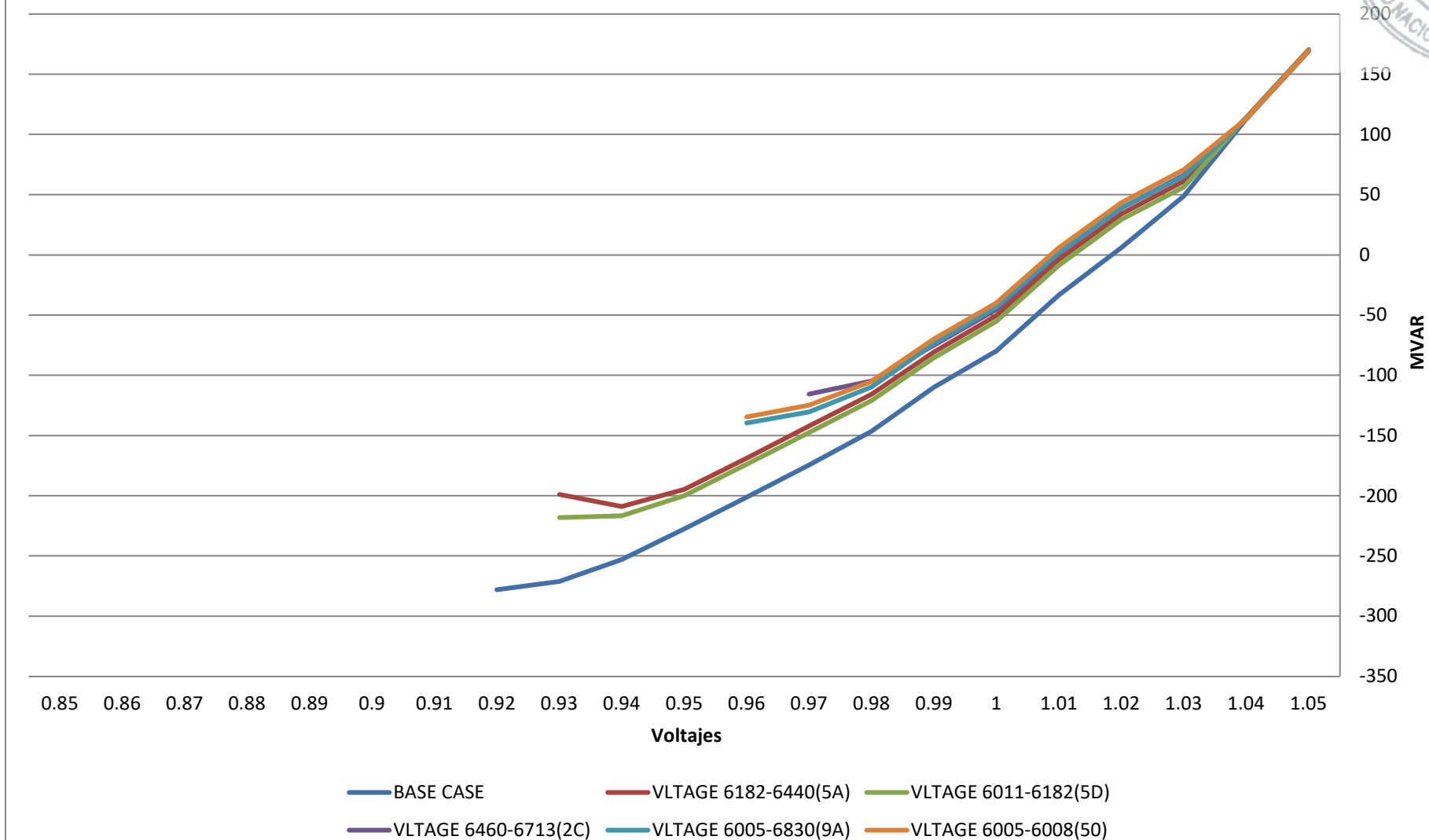


— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6011-6182(5D)
— VLTAGE 6460-6713(2C) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50)

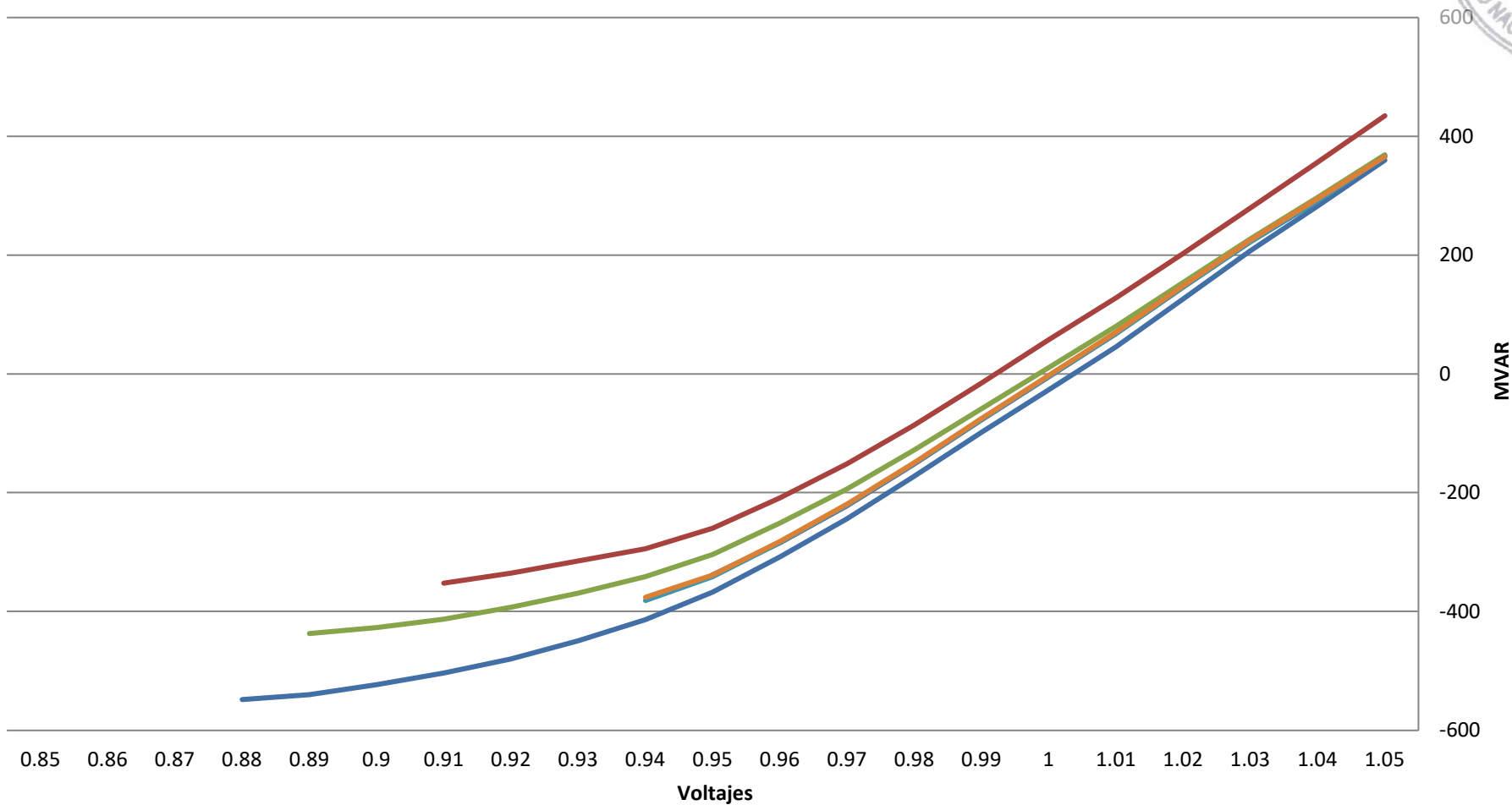
2026CA_ModMax_Lluv- 6005



2026CA_ModMax_Lluv- 6009



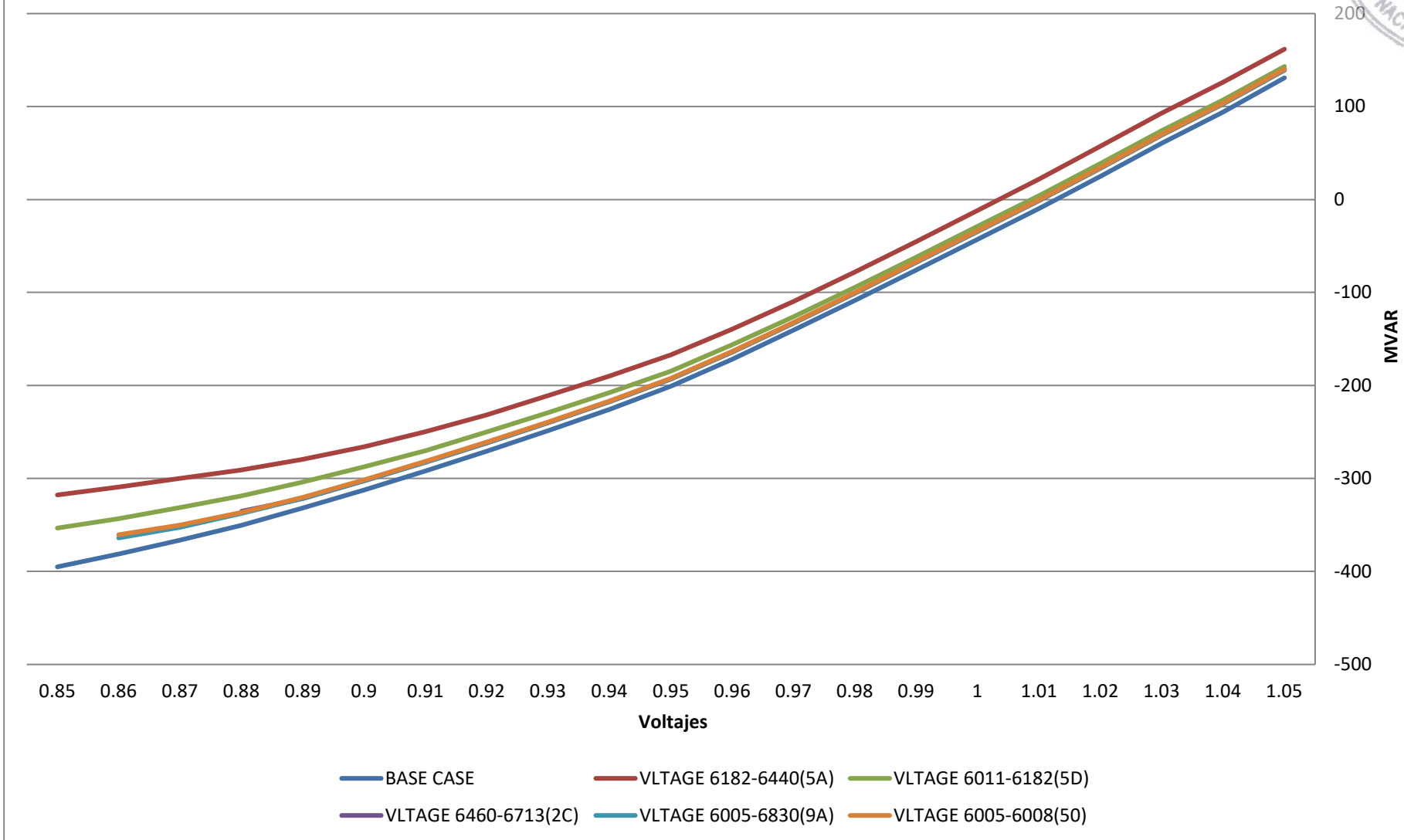
2026CA_ModMax_Lluv- 6011



BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6011-6182(5D)
VLTAGE 6460-6713(2C) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)



2026CA_ModMax_Lluv- 6012



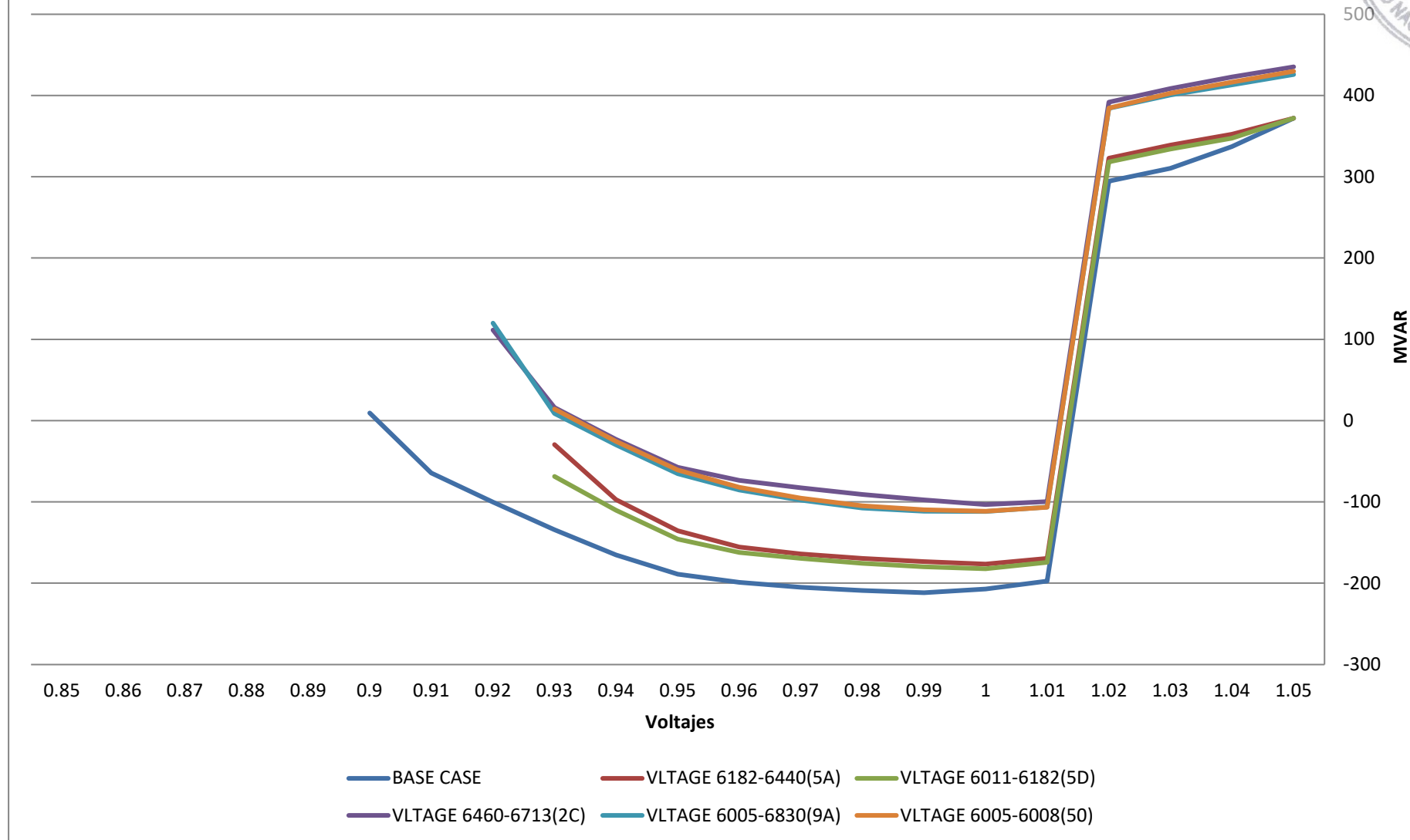
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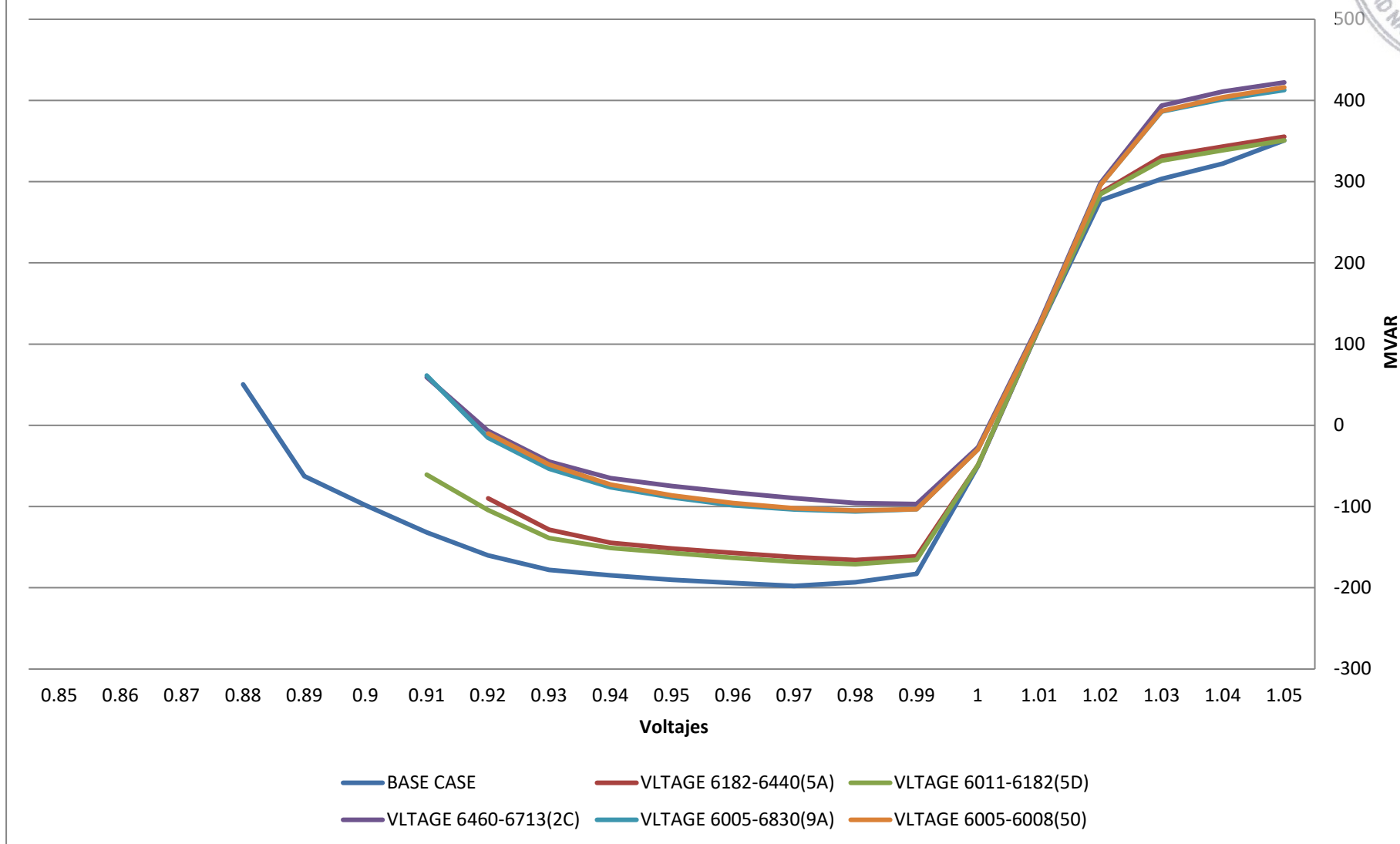
2027 LLUVIOSA

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2027CA_ModMax_Lluv- 6001

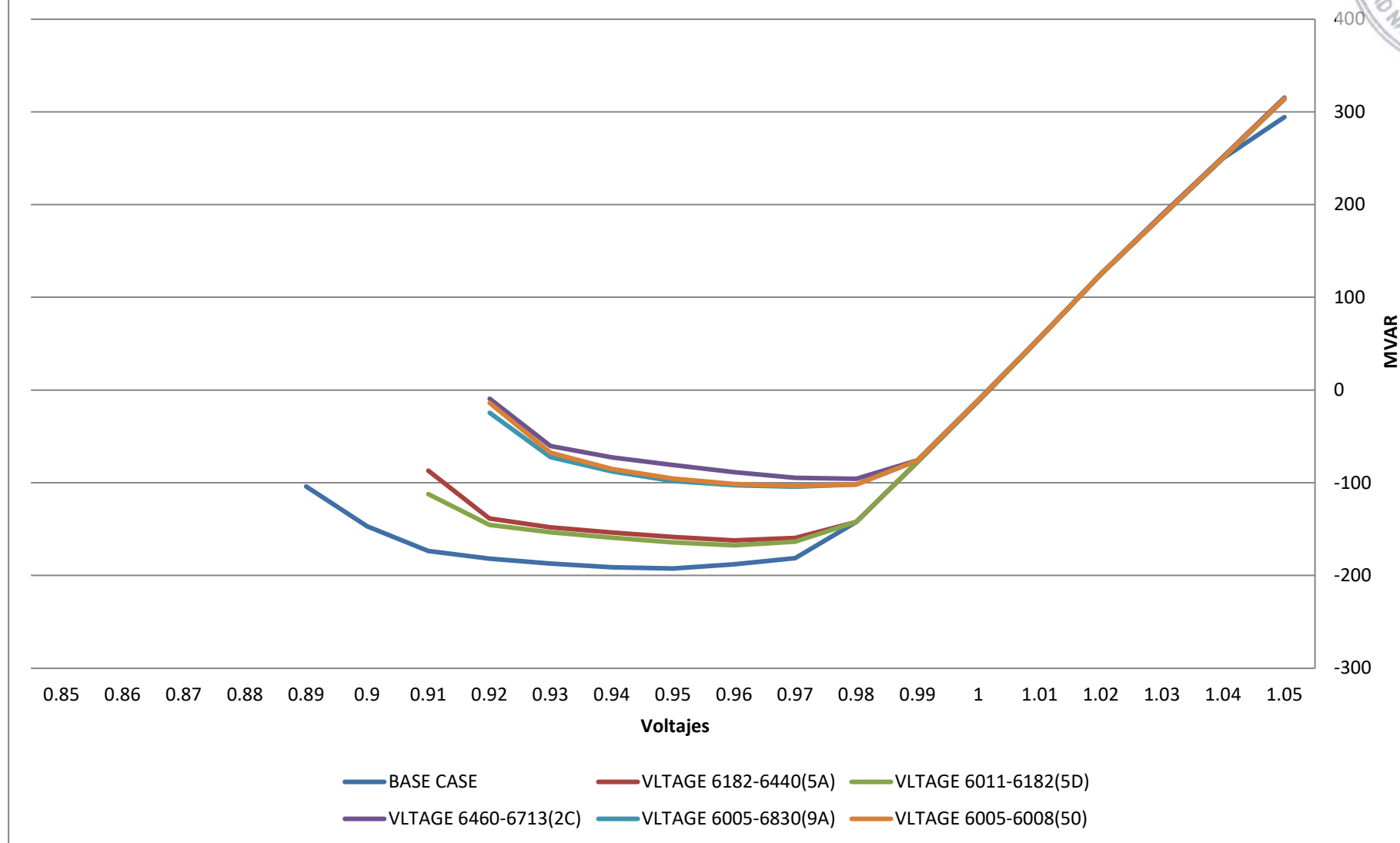


2027CA_ModMax_Lluv- 6002



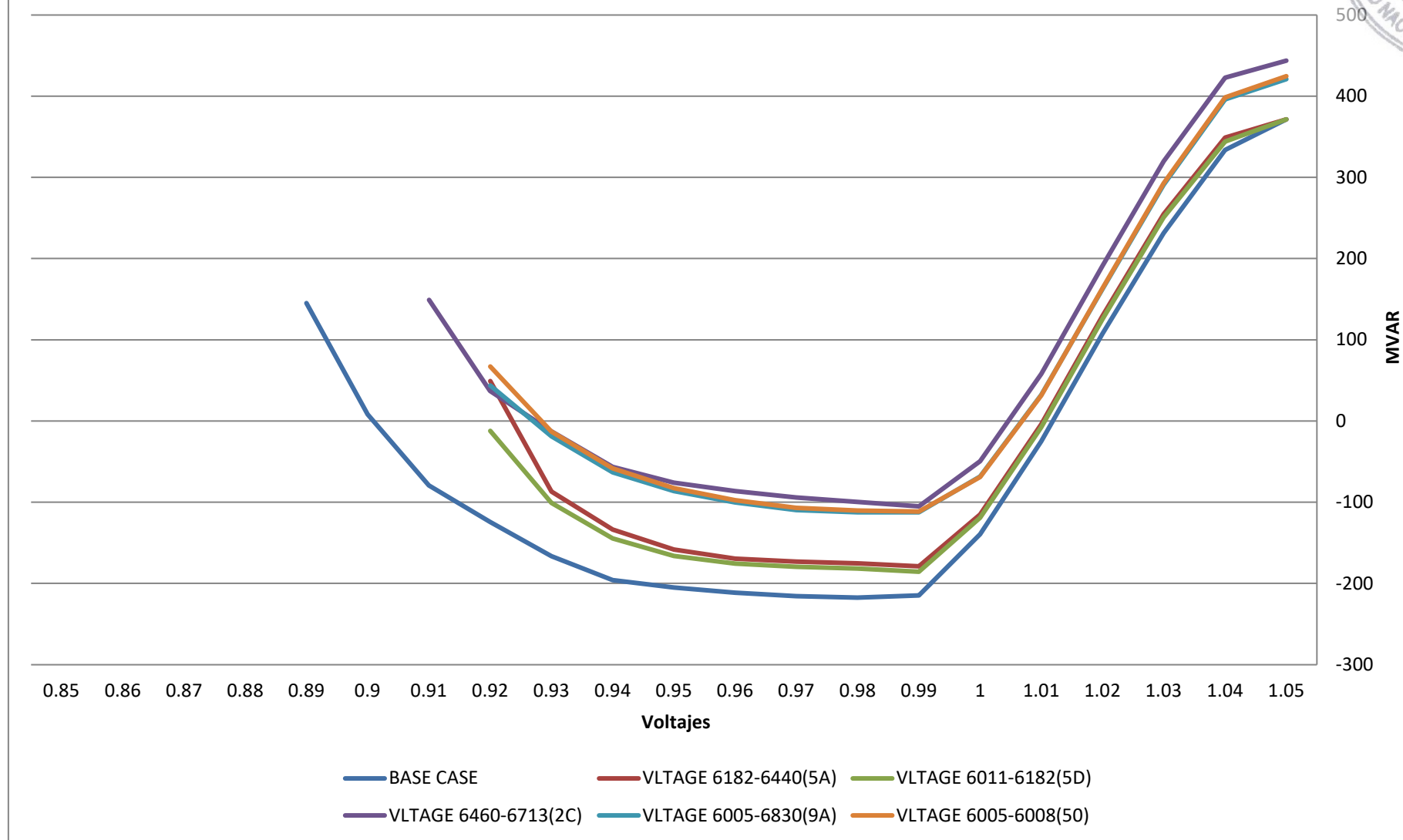


2027CA_ModMax_Lluv- 6004

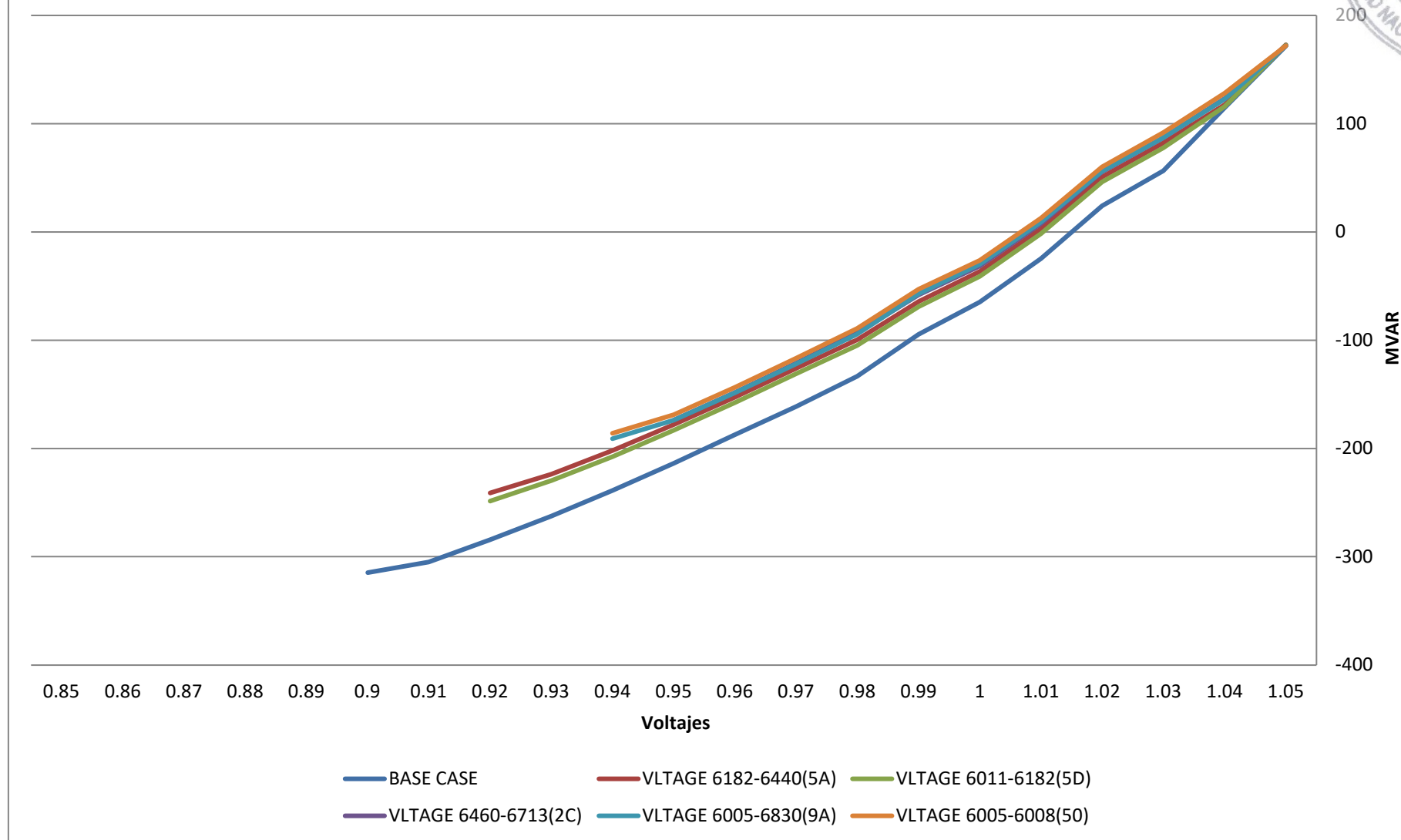


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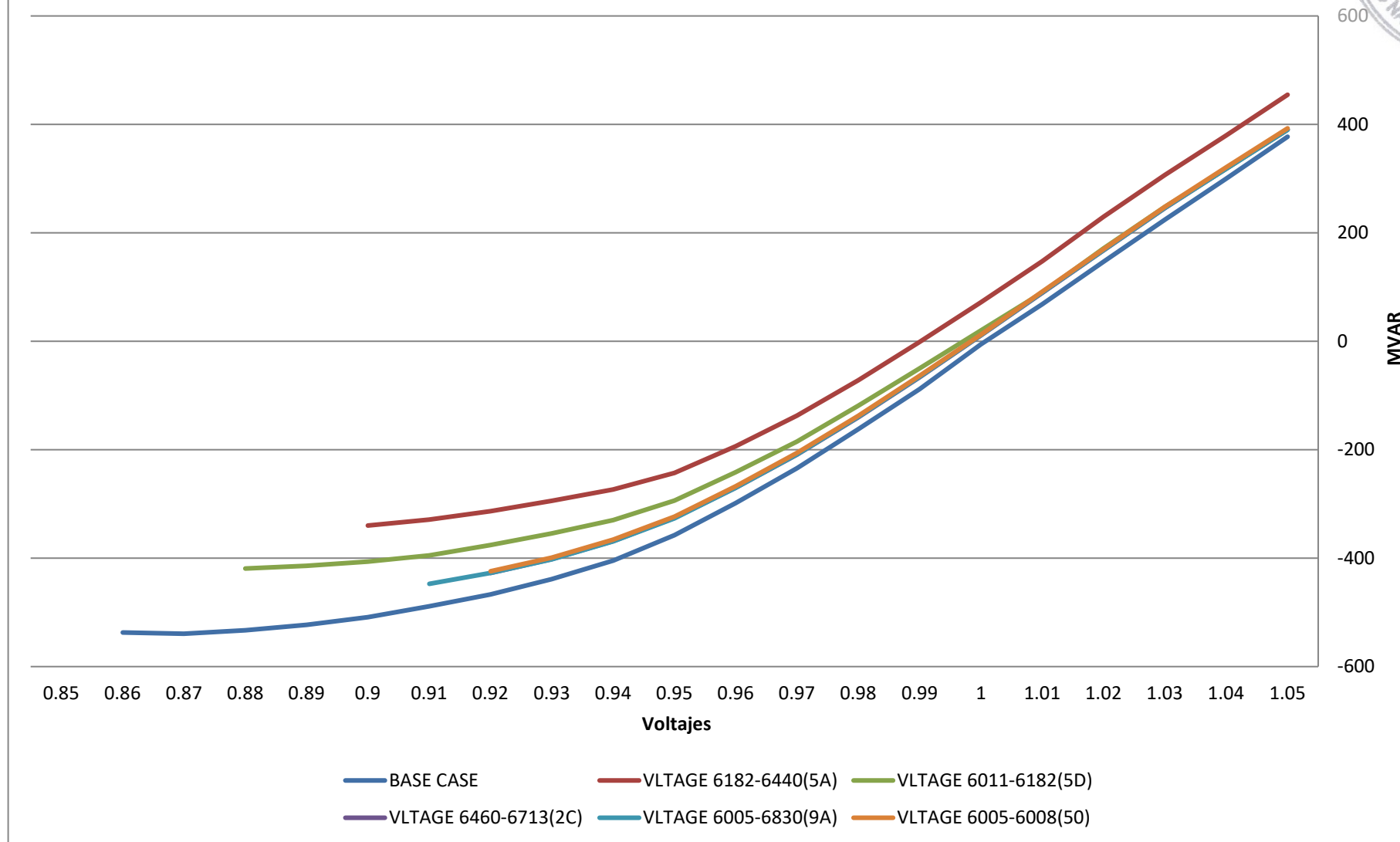
2027CA_ModMax_Lluv- 6005



2027CA_ModMax_Lluv- 6009

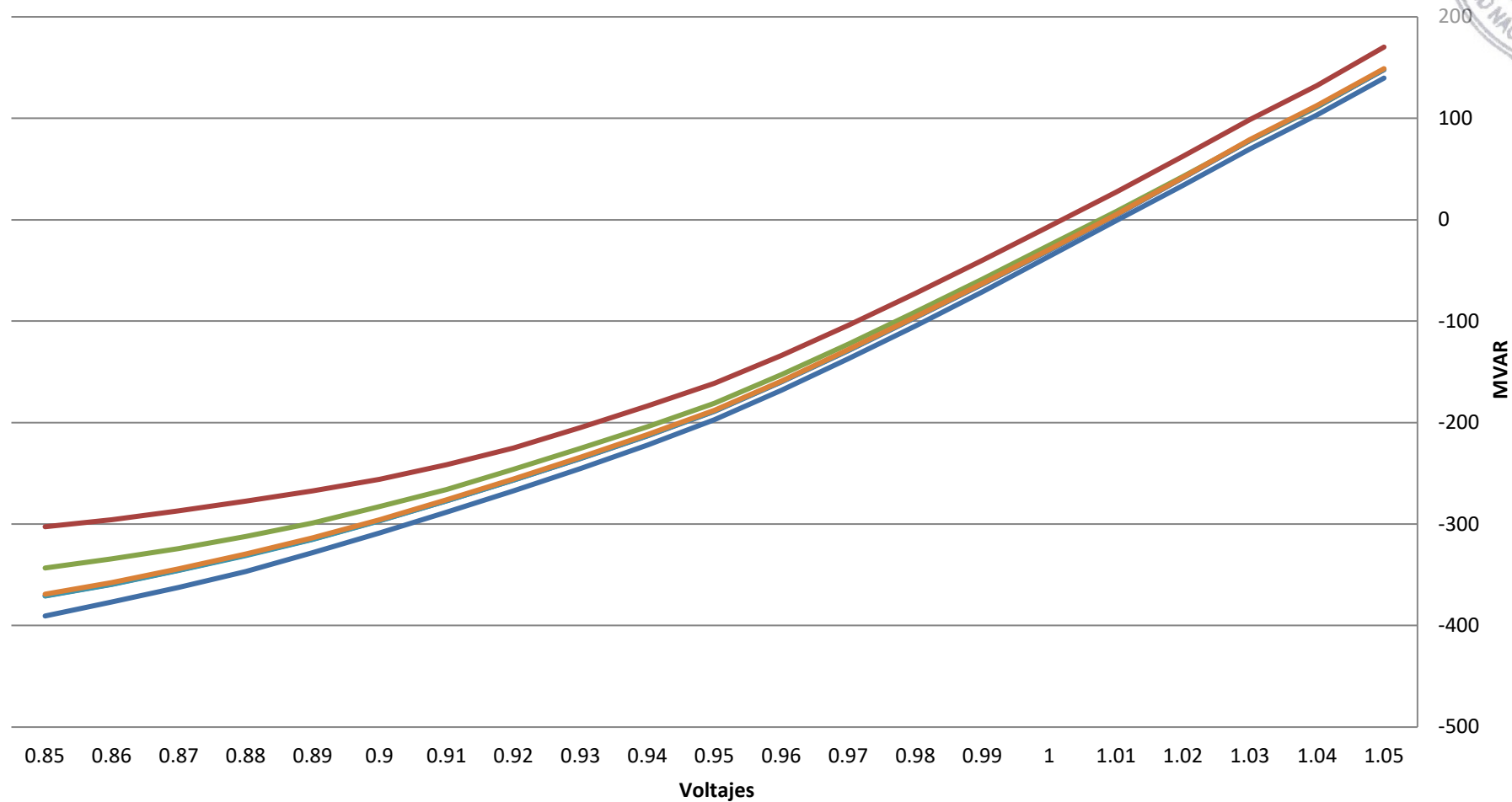


2027CA_ModMax_Lluv- 6011





2027CA_ModMax_Lluv- 6012



BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6011-6182(5D)
VLTAGE 6460-6713(2C) VLTAGE 6005-6830(9A) VLTAGE 6005-6008(50)

AP



2028 LLUVIOSA

AB

028CA_ModMax_Lluv- 6001

MVAR

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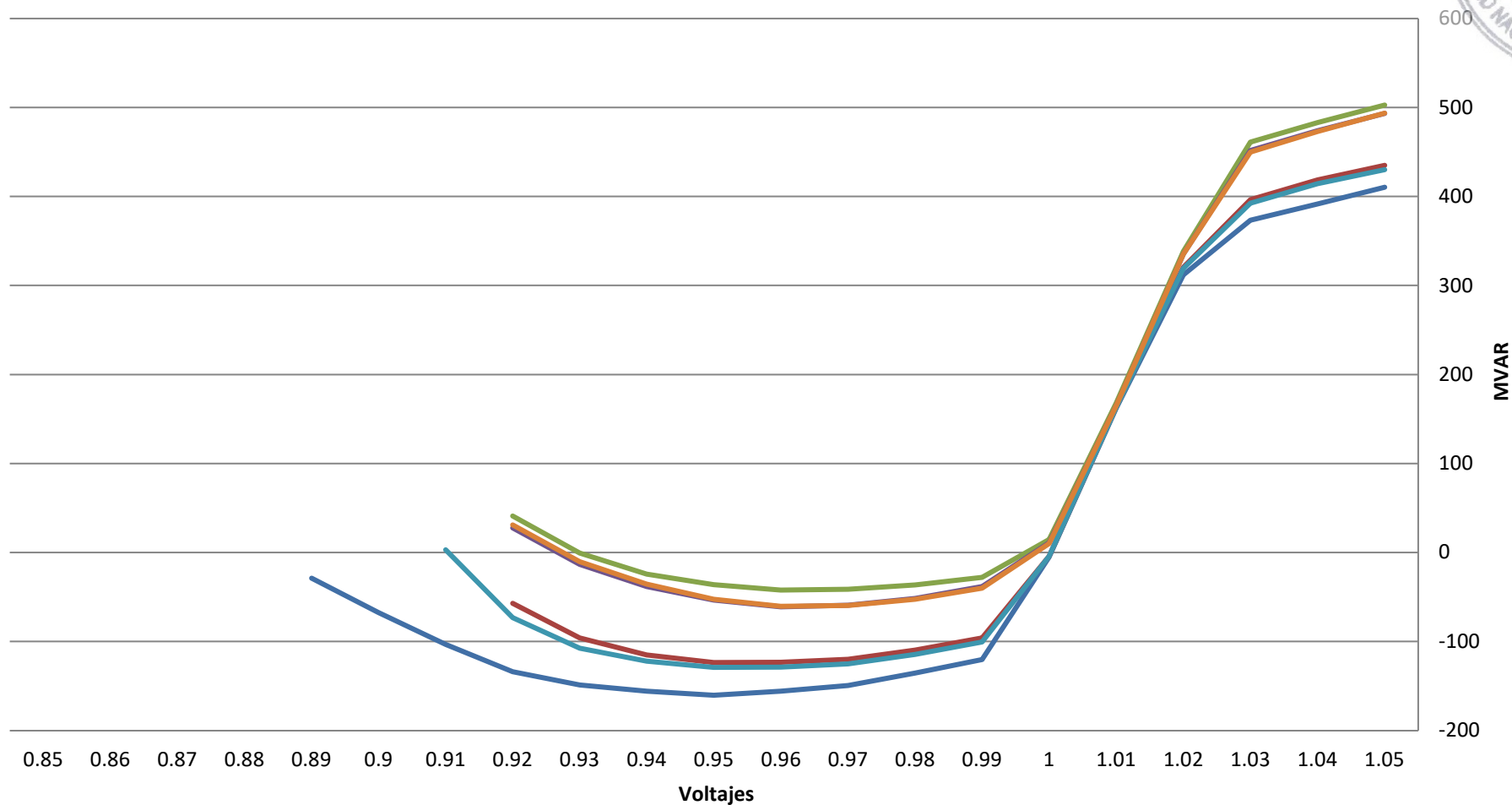
Voltajes

— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6011-6182(5D) — VLTAGE 6005-6008(50)

600
500
400
300
200
100
0
-100
-200
-300

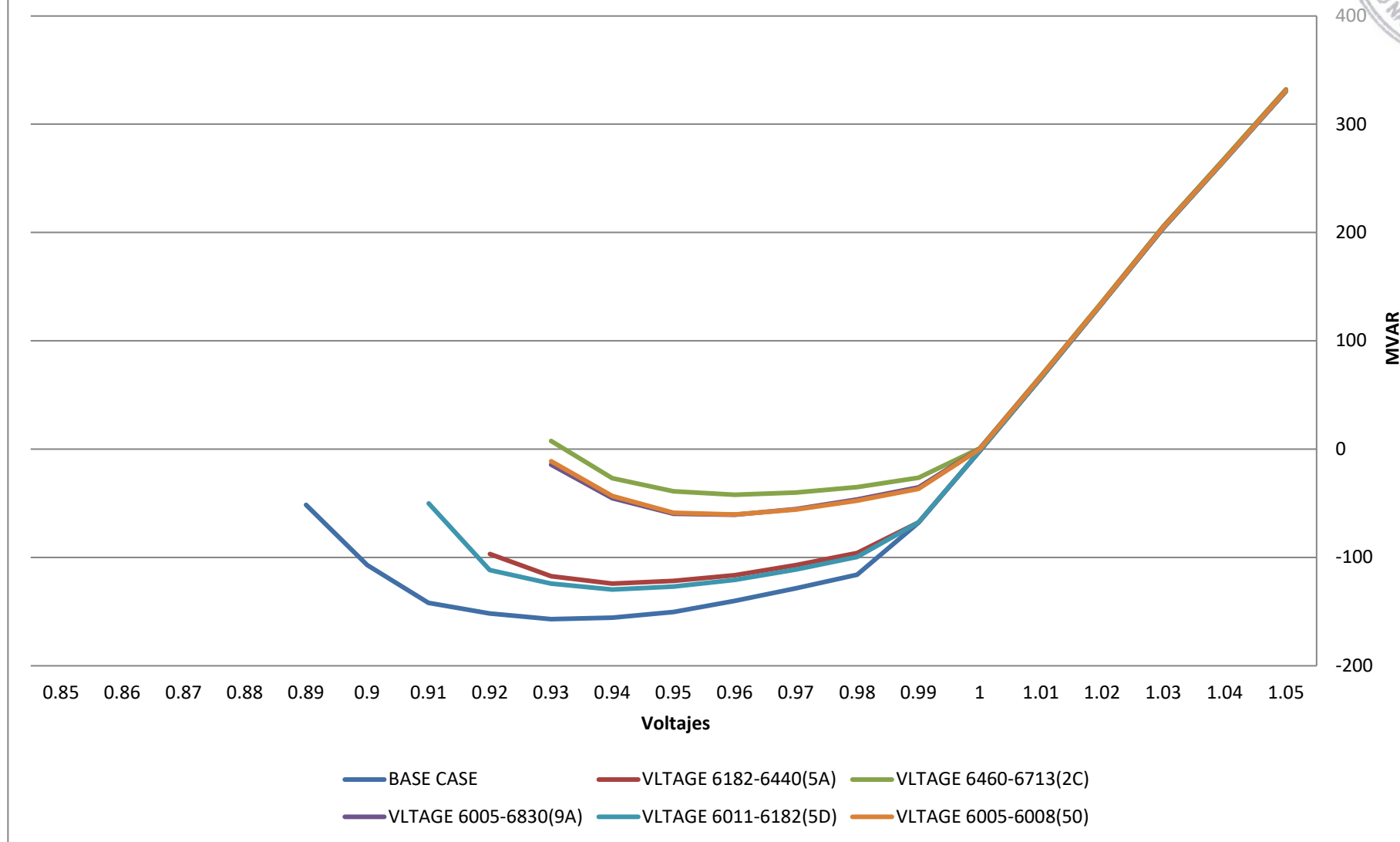
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028CA_ModMax_Lluv- 6002

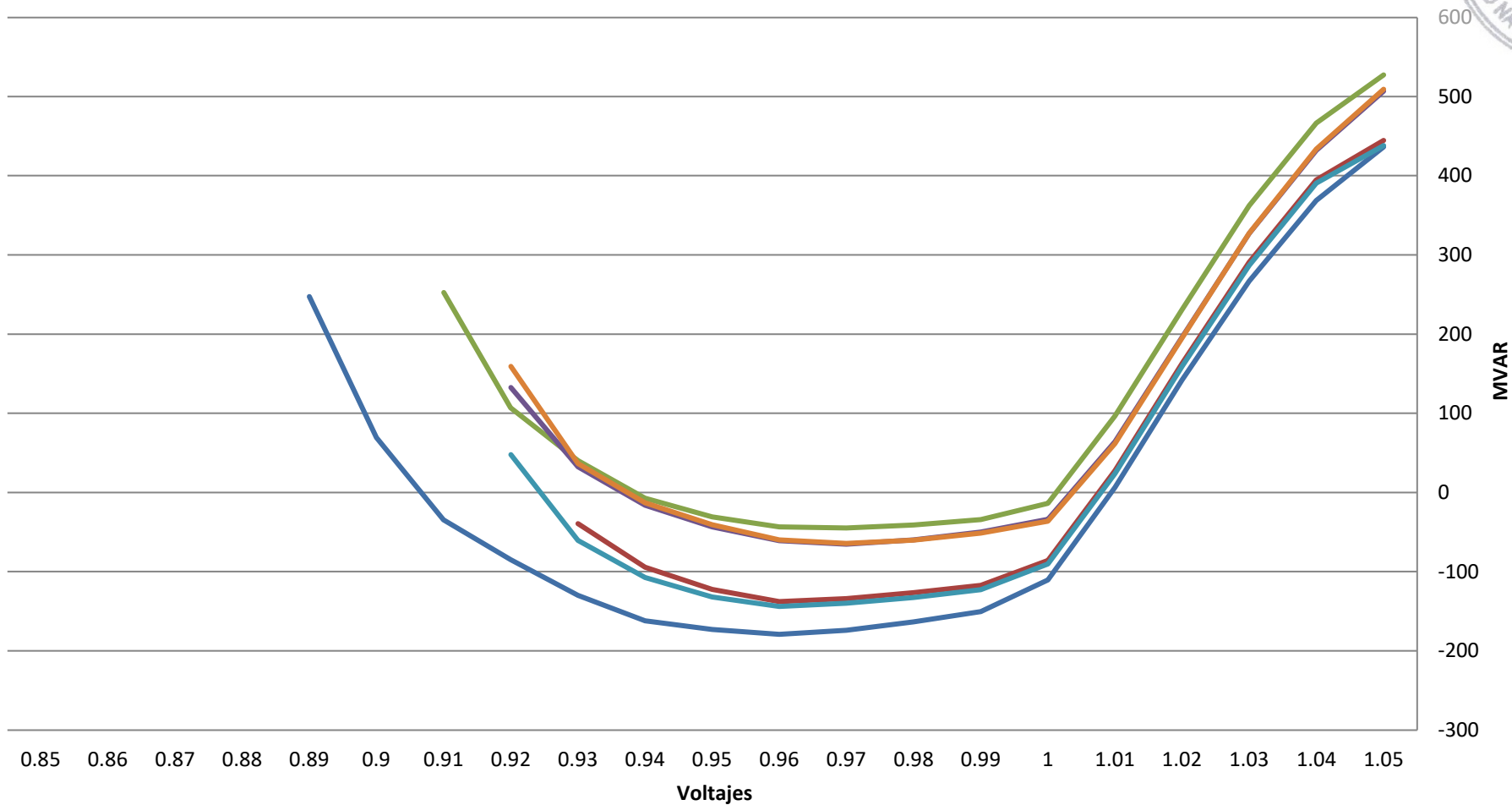


BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6460-6713(2C)
VLTAGE 6005-6830(9A) VLTAGE 6011-6182(5D) VLTAGE 6005-6008(50)

028CA_ModMax_Lluv- 6004

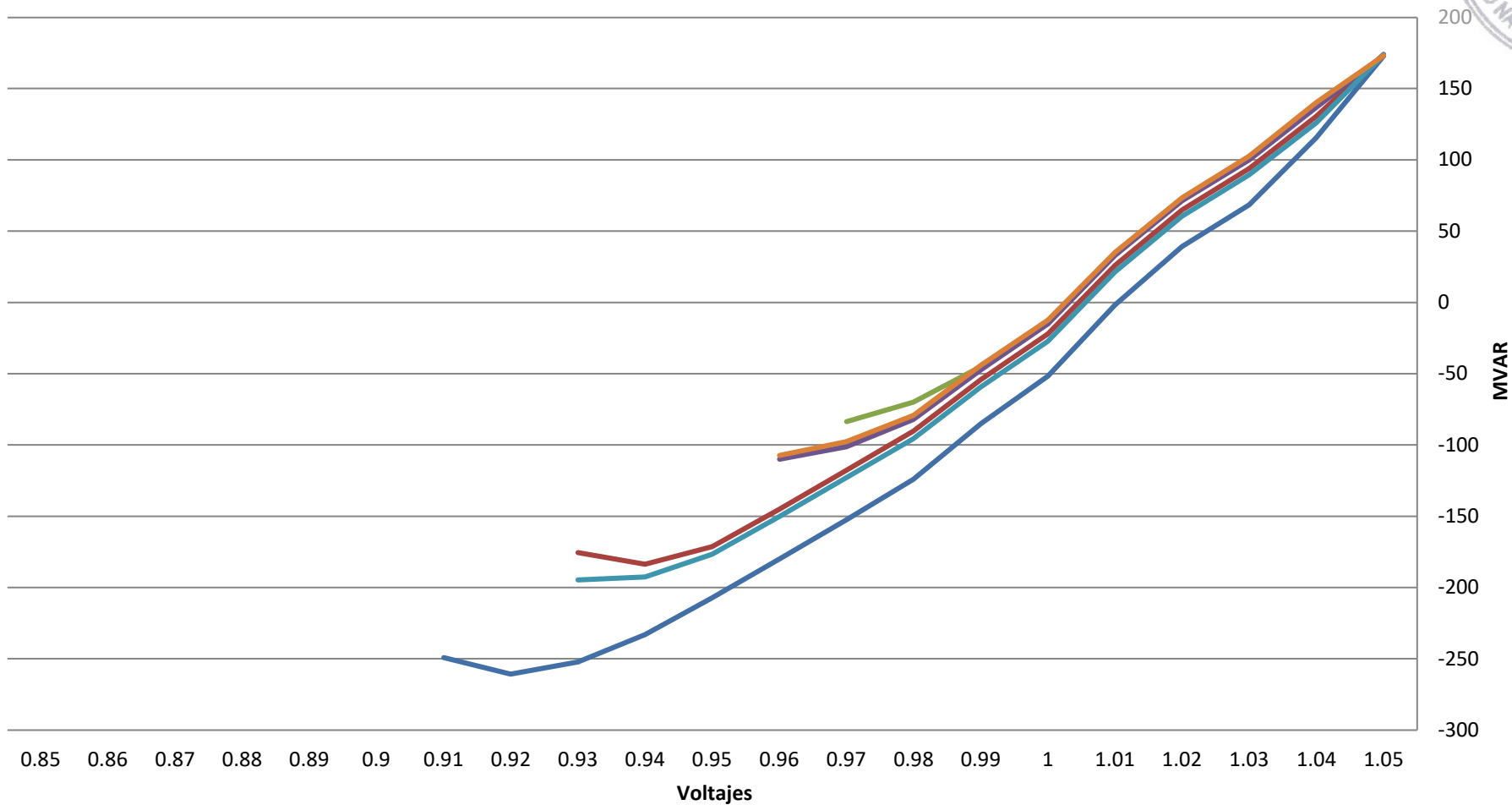


028CA_ModMax_Lluv- 6005



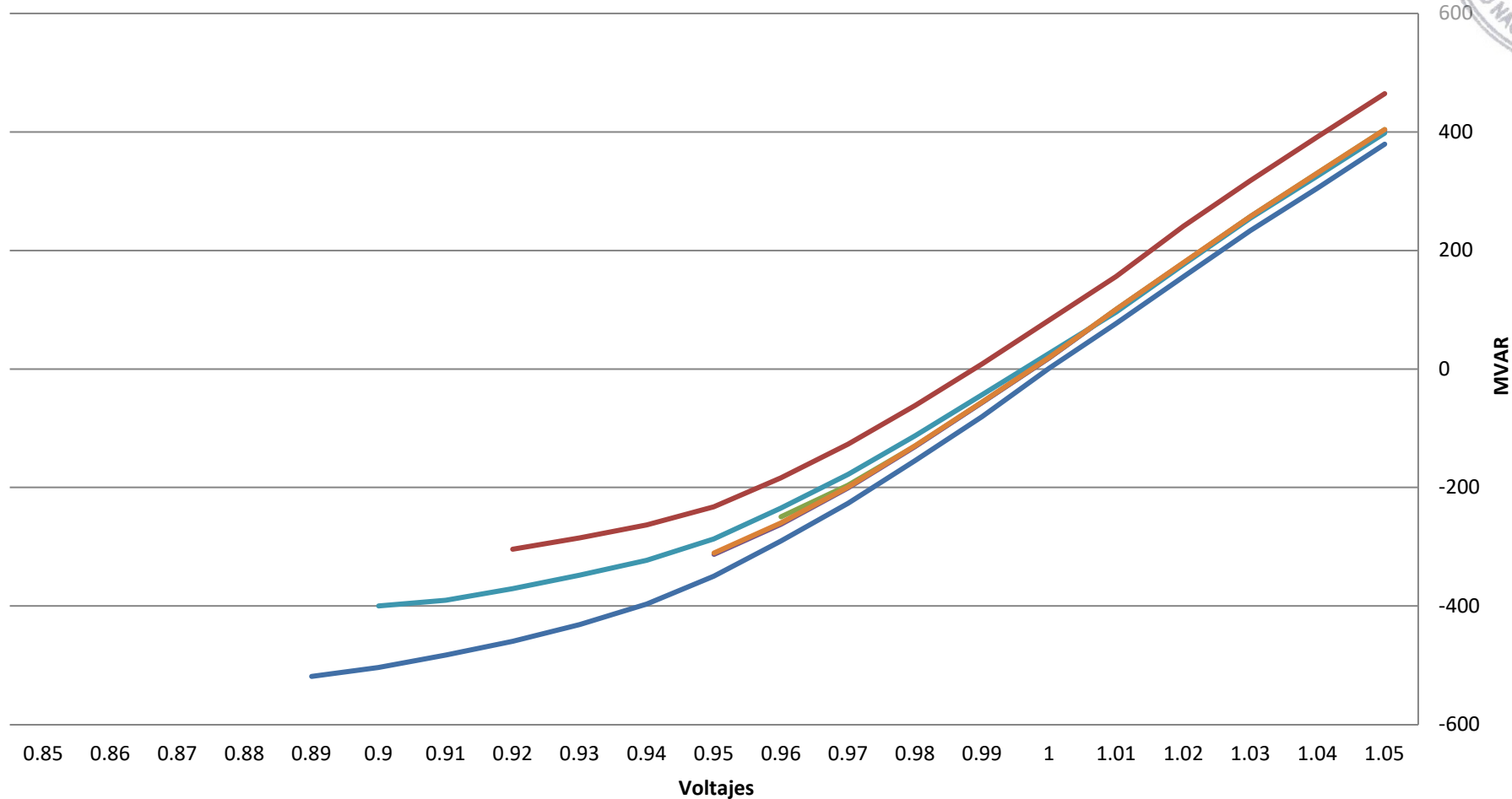
— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6011-6182(5D) — VLTAGE 6005-6008(50)

028CA_ModMax_Lluv- 6009



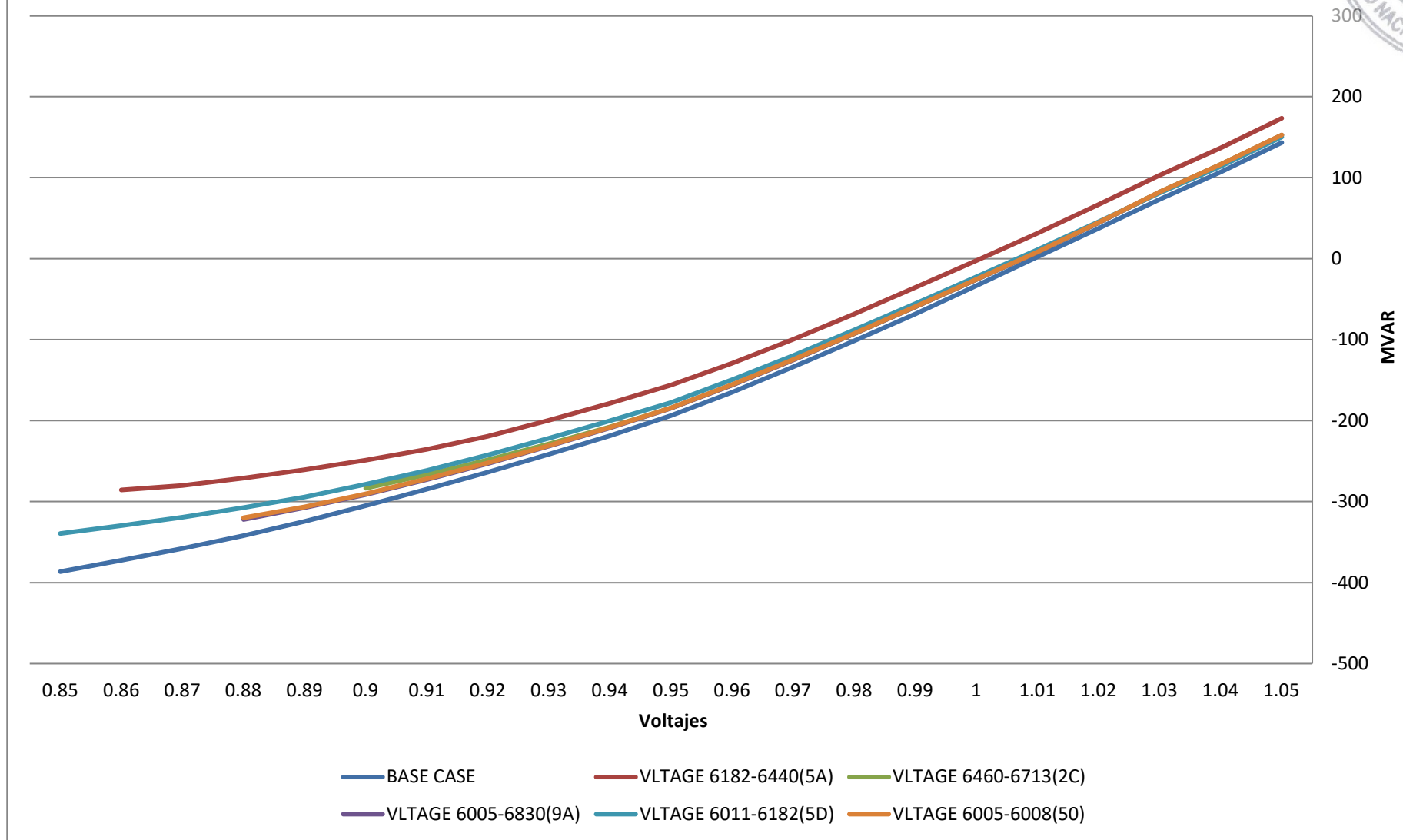
— BASE CASE — VLTAGE 6182-6440(5A) — VLTAGE 6460-6713(2C)
— VLTAGE 6005-6830(9A) — VLTAGE 6011-6182(5D) — VLTAGE 6005-6008(50)

028CA_ModMax_Lluv- 6011



BASE CASE VLTAGE 6182-6440(5A) VLTAGE 6460-6713(2C)
VLTAGE 6005-6830(9A) VLTAGE 6011-6182(5D) VLTAGE 6005-6008(50)

028CA_ModMax_Lluv- 6012

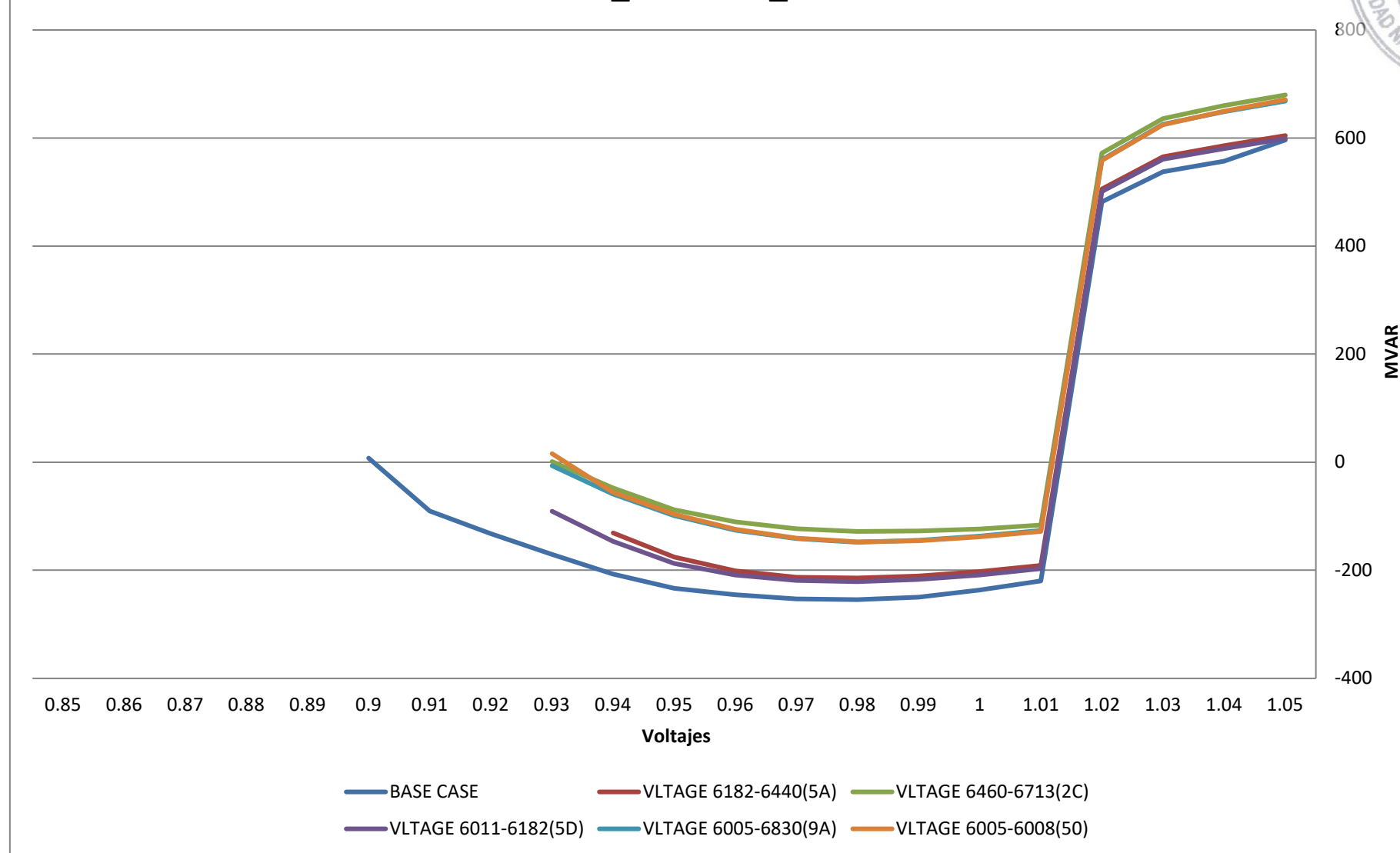




2029 LLUVIOSA

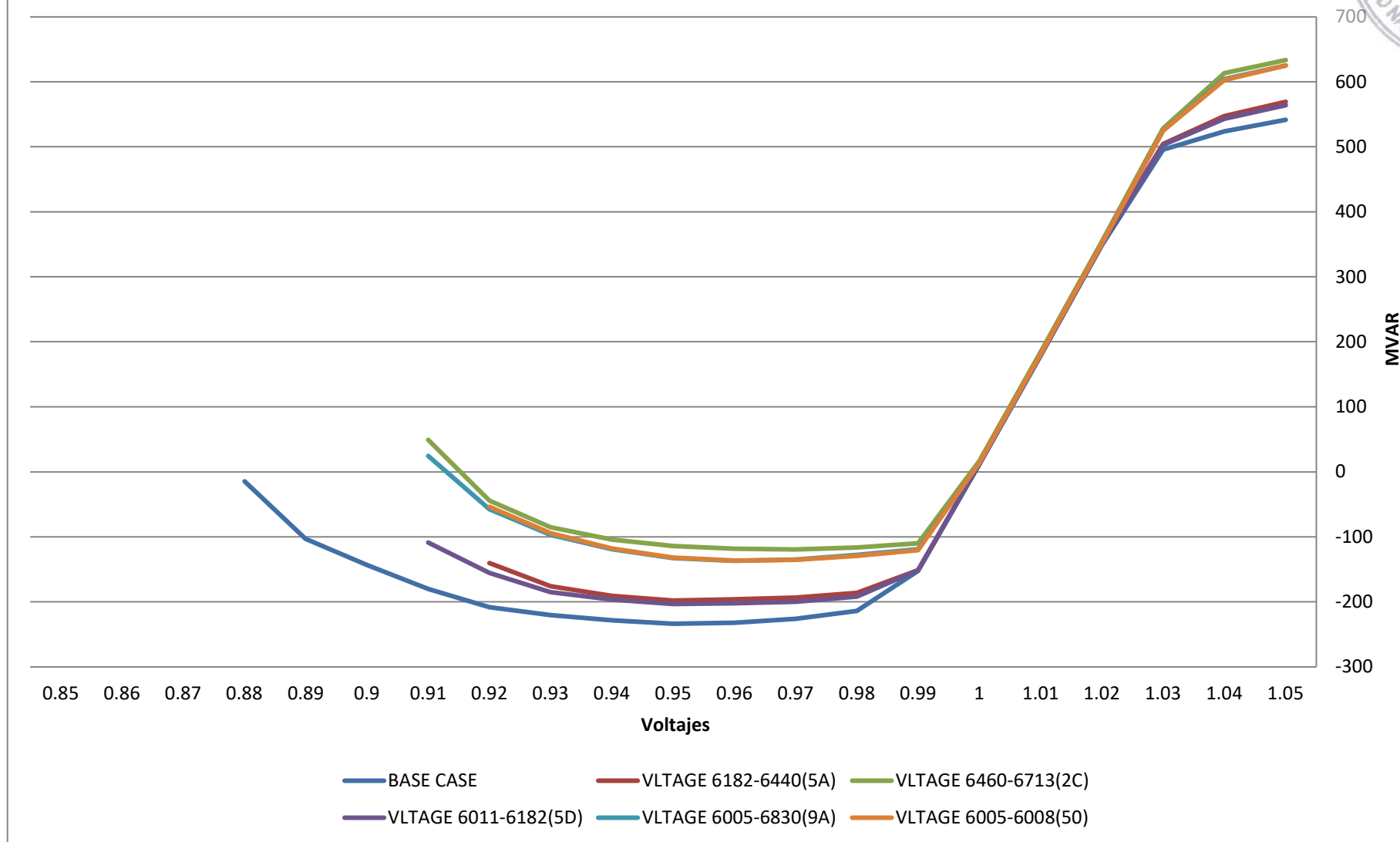
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2029CA_ModMax_Lluv- 6001

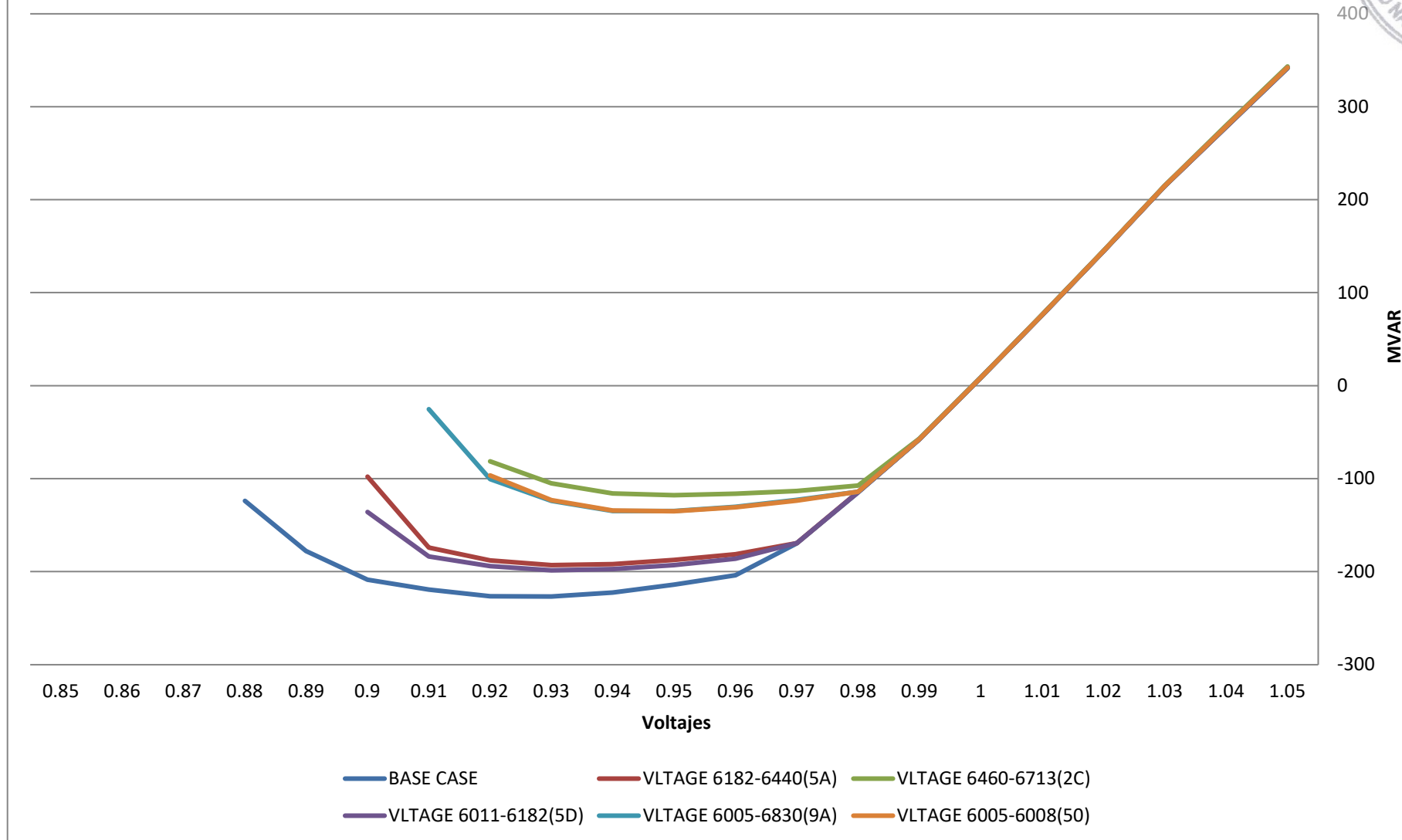




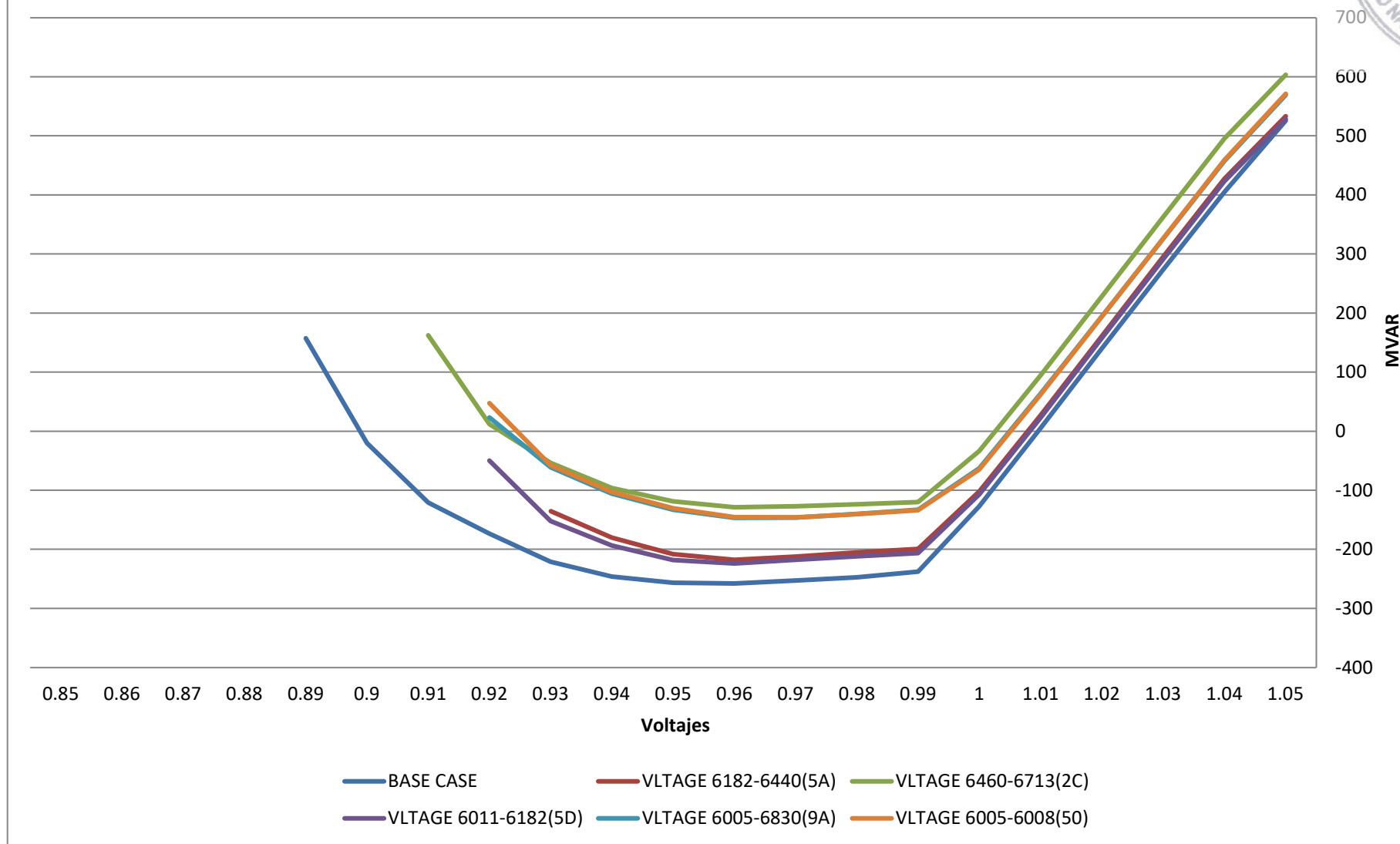
2029CA_ModMax_Lluv- 6002



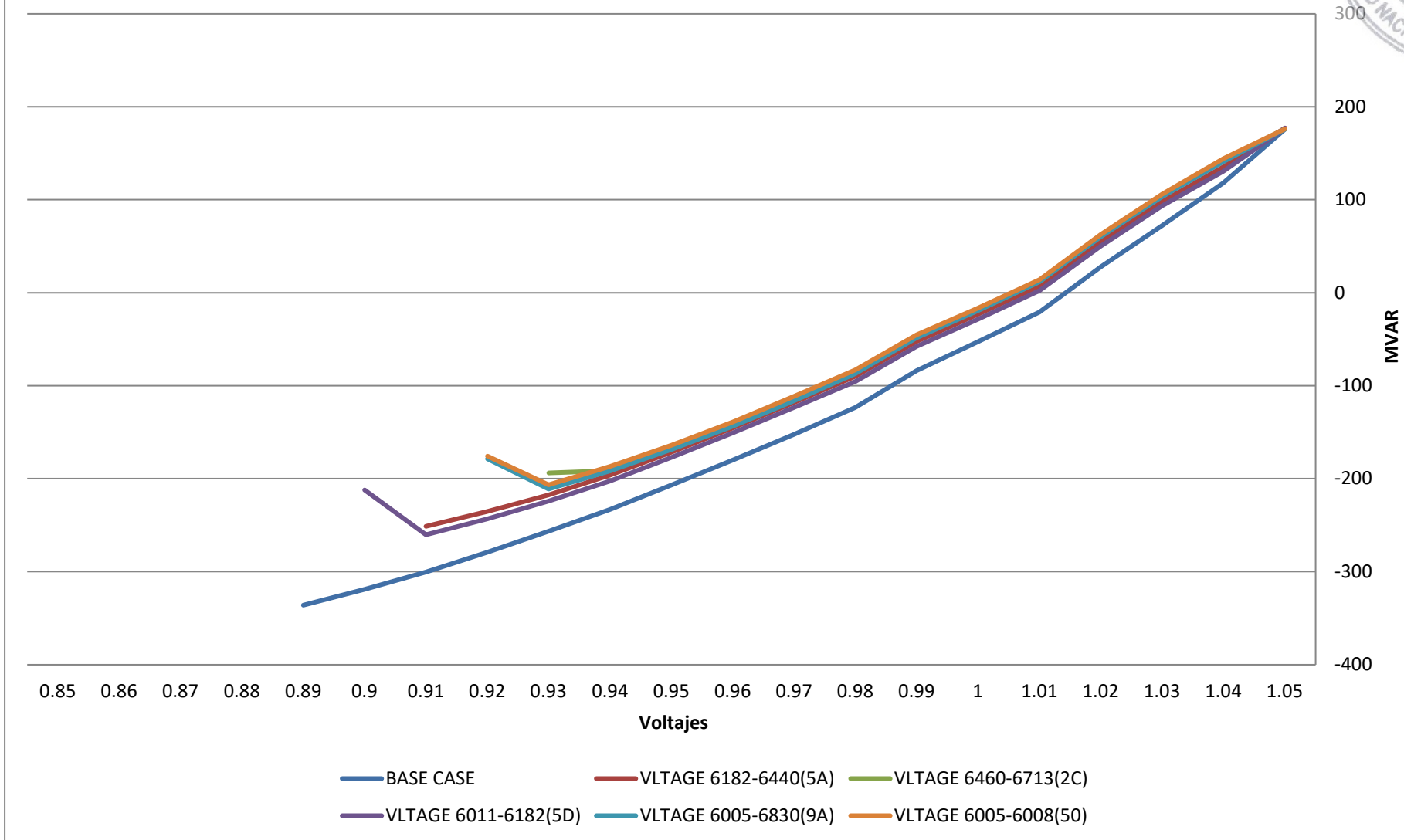
2029CA_ModMax_Lluv- 6004



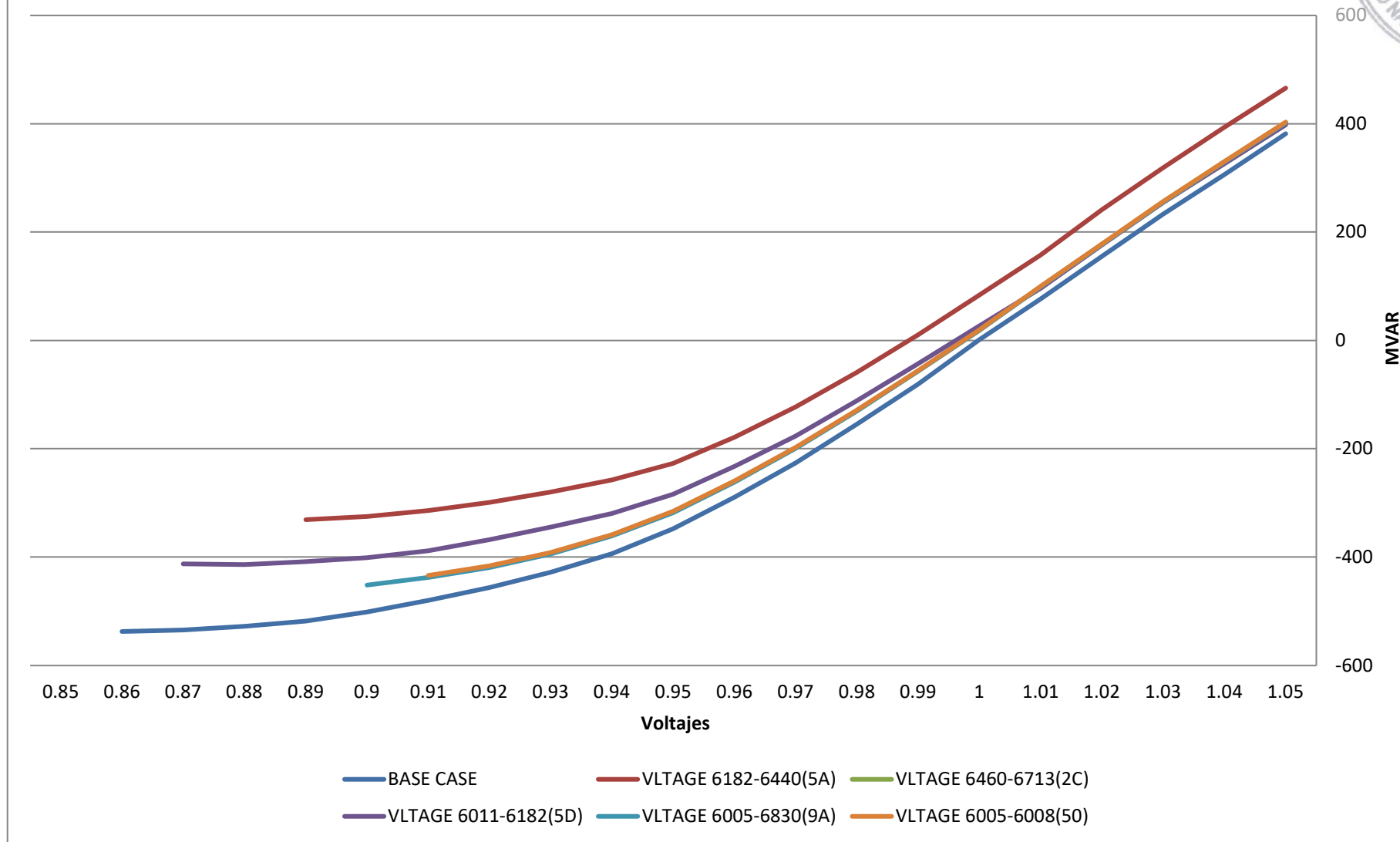
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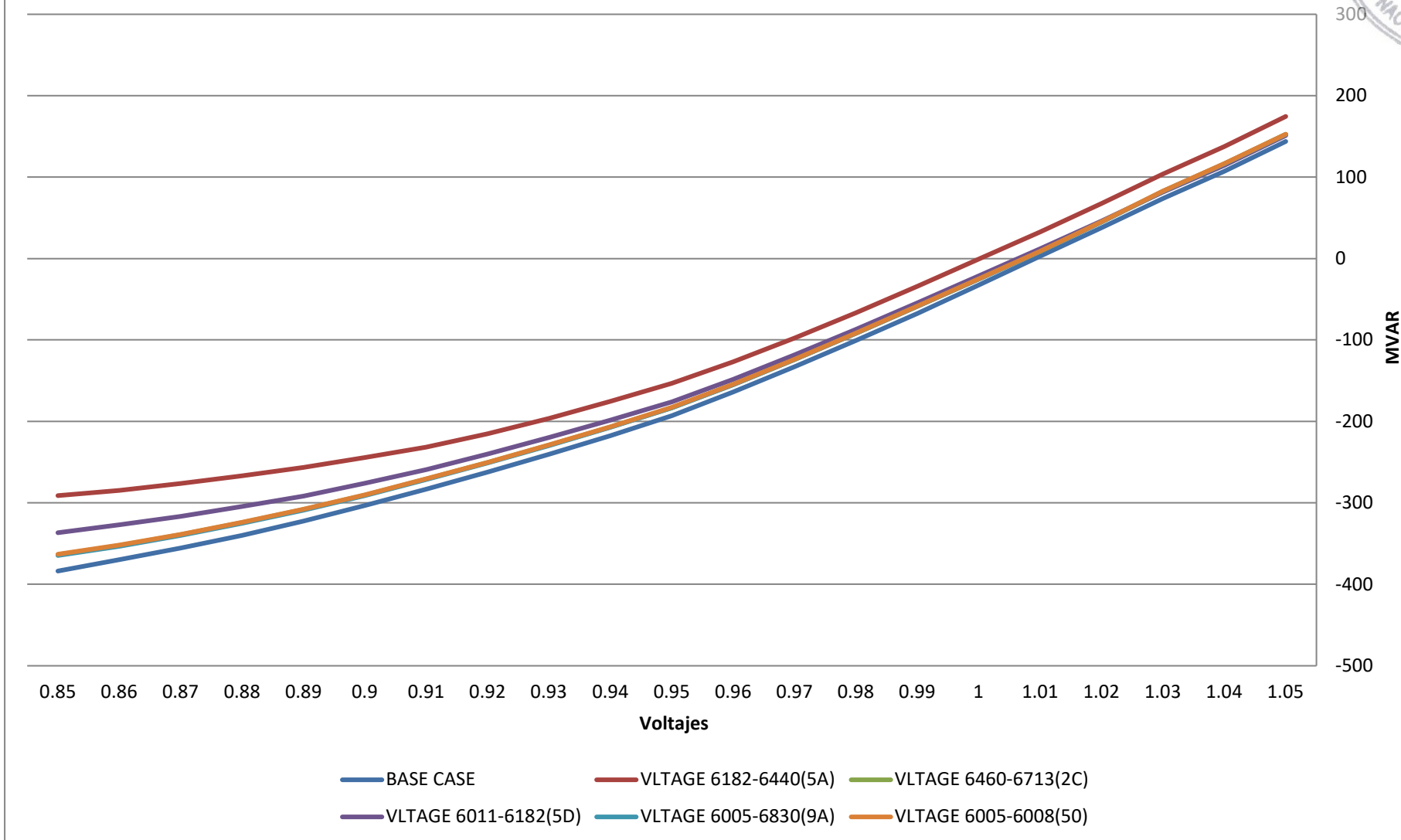
2029CA_ModMax_Lluv- 6009



2029CA_ModMax_Lluv- 6011



2029CA_ModMax_Lluv- 6012

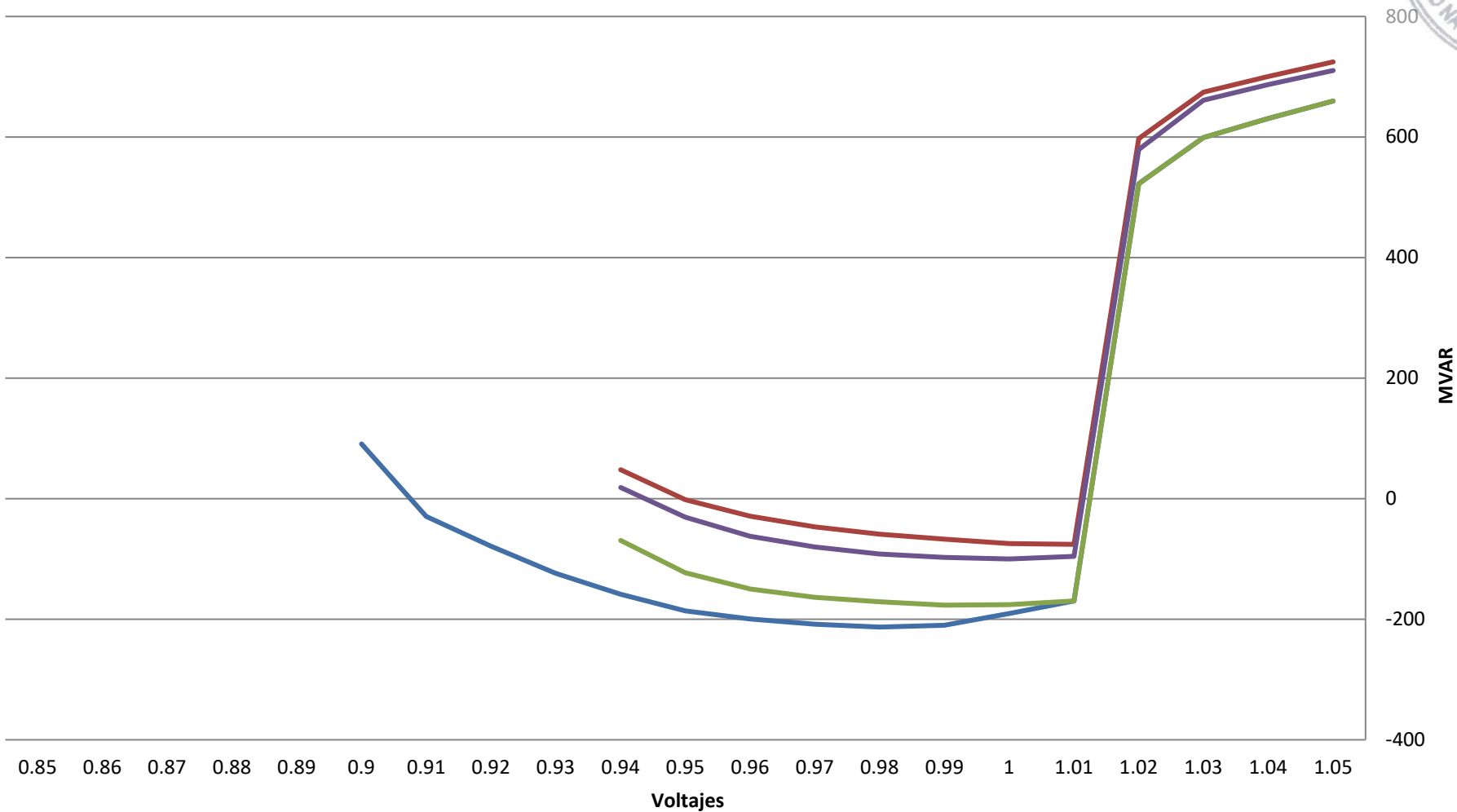




2030 LLUVIOSA

AB

2030CA_ModMax_Lluv- 6001

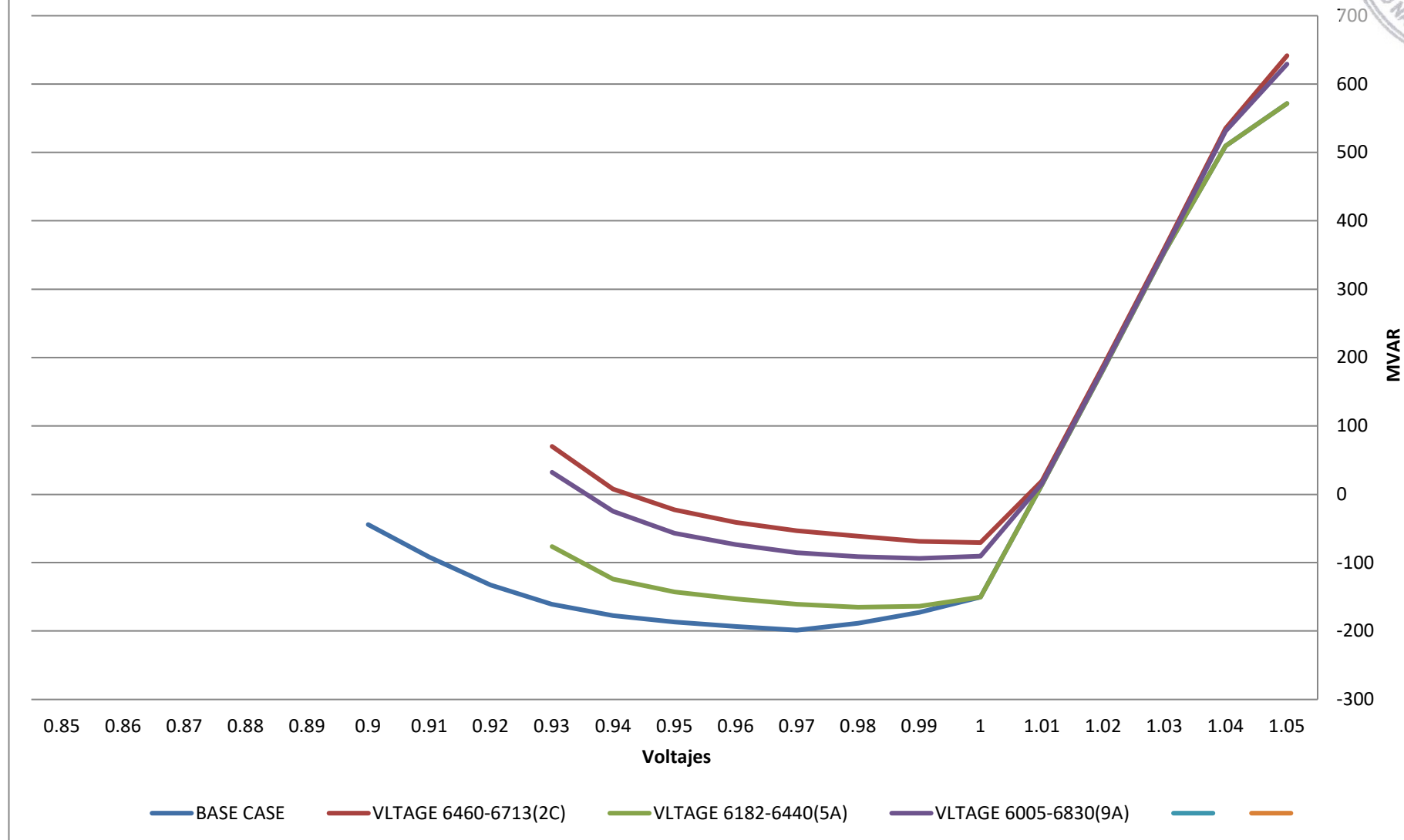


— BASE CASE — VLTAGE 6460-6713(2C) — VLTAGE 6182-6440(5A) — VLTAGE 6005-6830(9A) — —



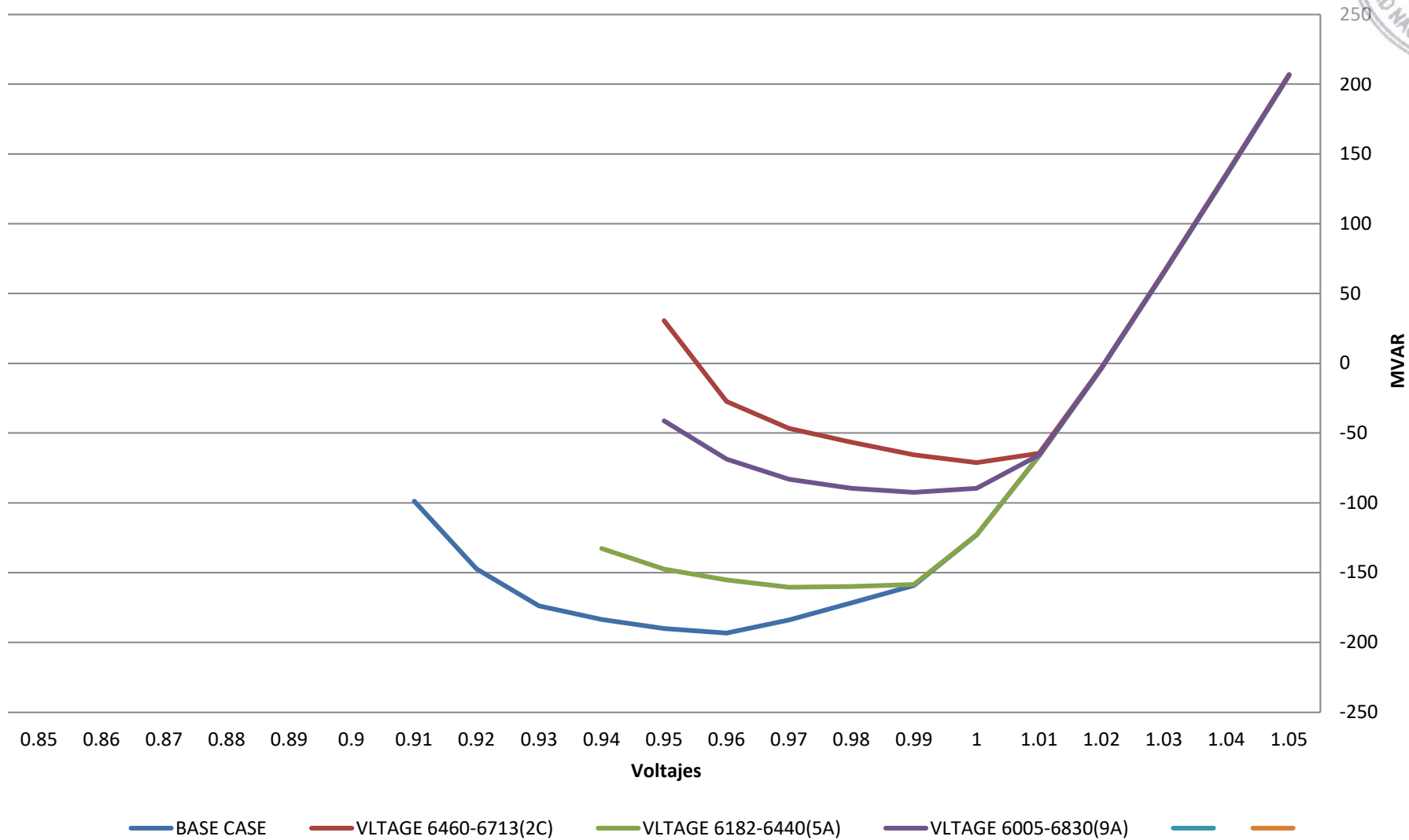
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2030CA_ModMax_Lluv- 6002



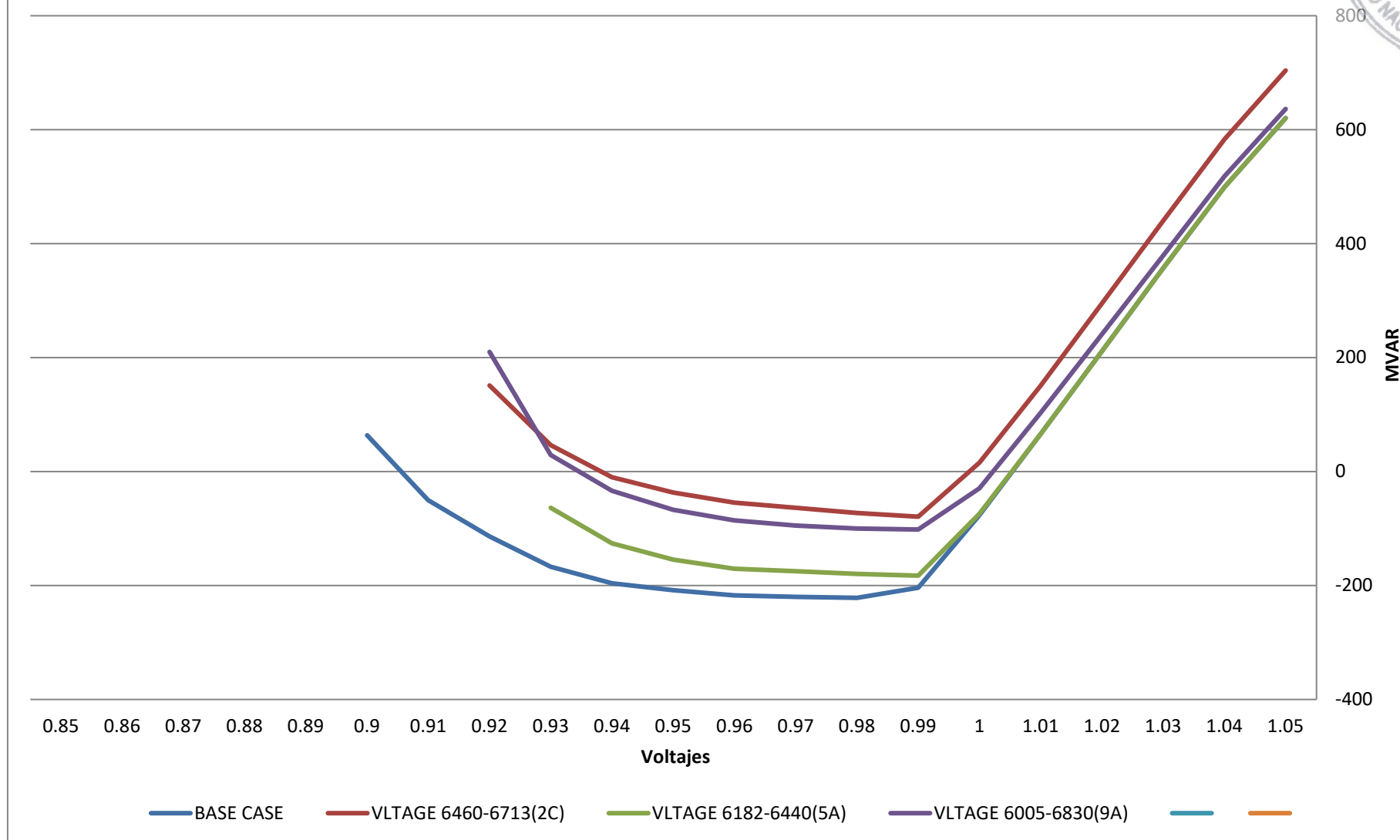


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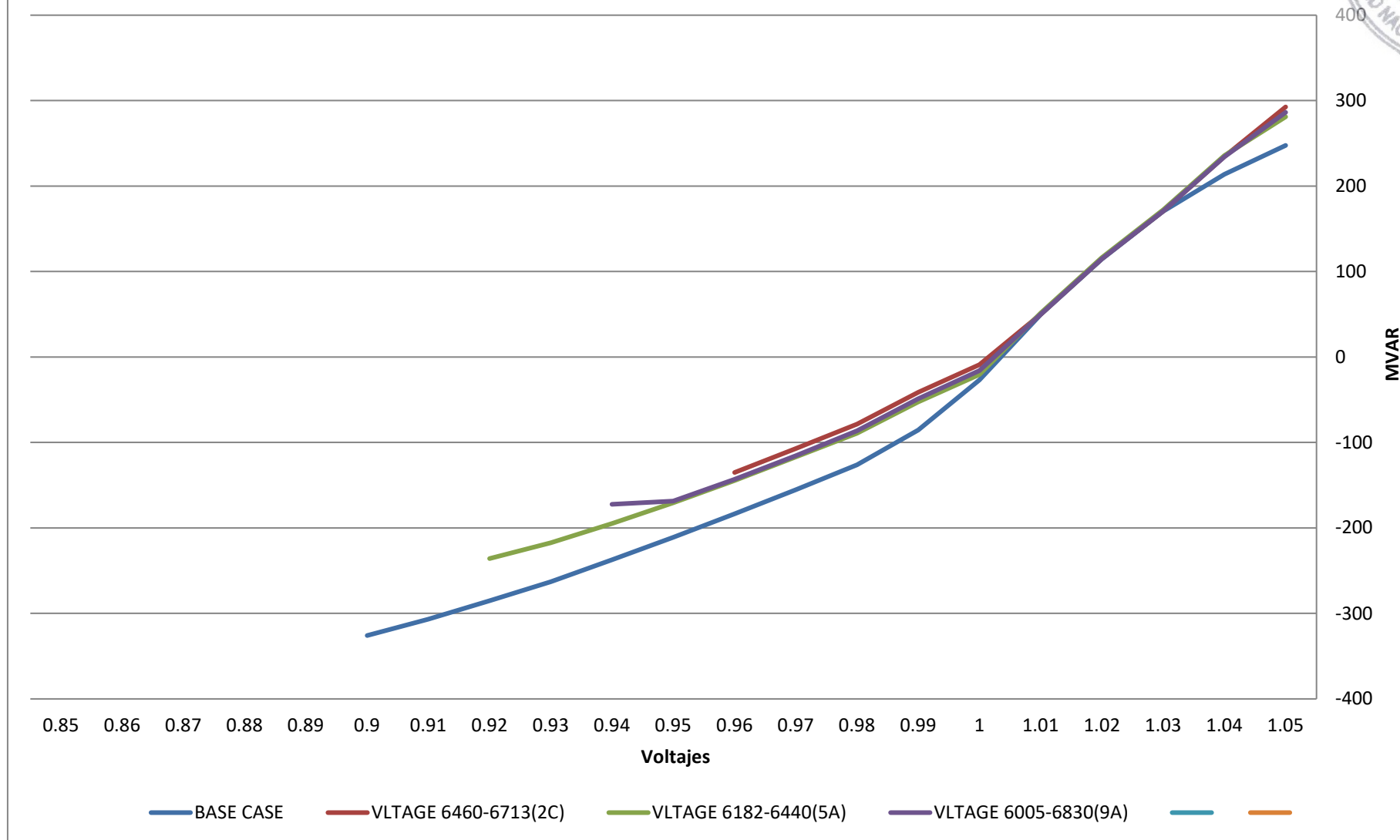
AP

2030CA_ModMax_Lluv- 6005





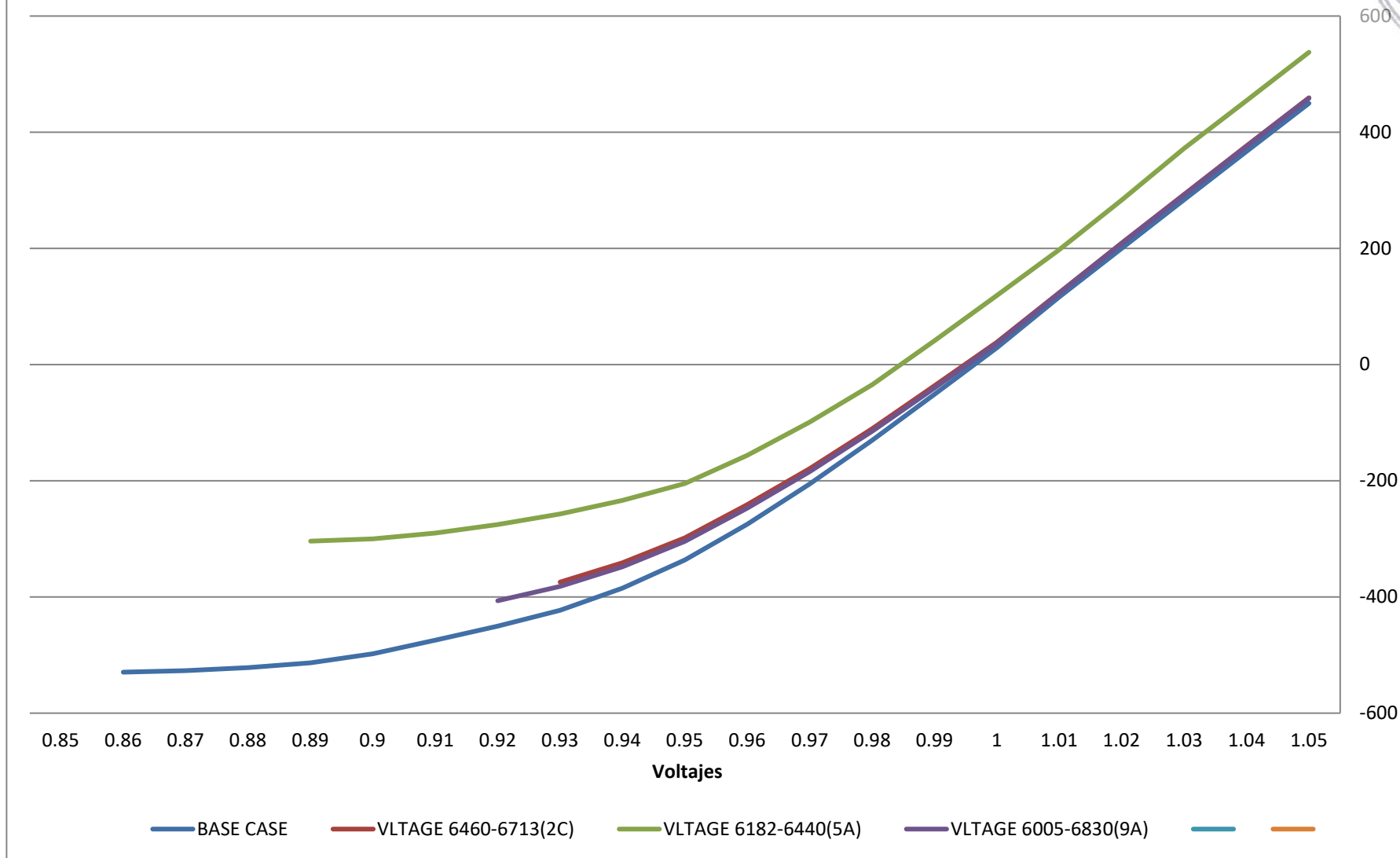
2030CA_ModMax_Lluv- 6009



AP



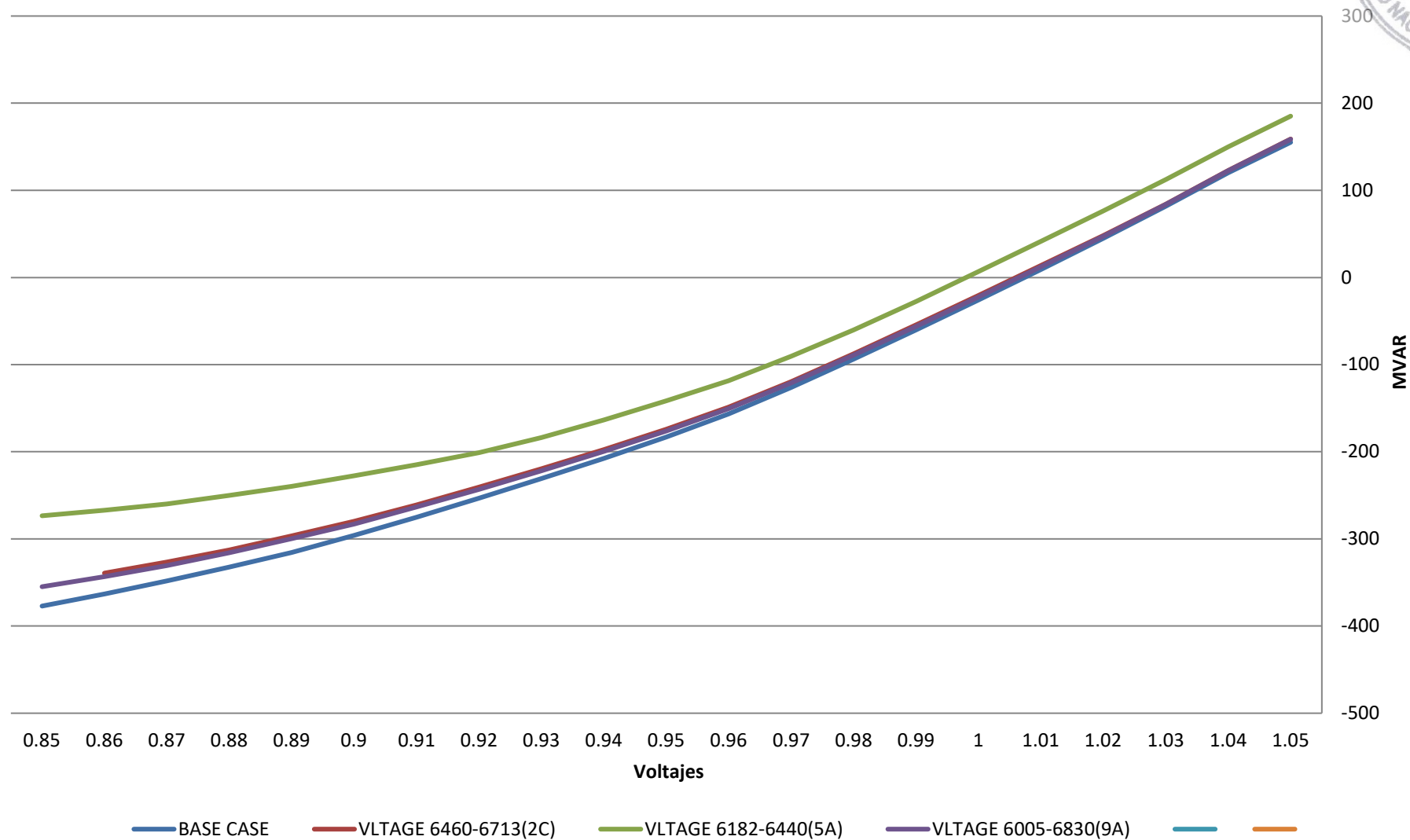
2030CA_ModMax_Lluv- 6011



AP



2030CA_ModMax_Lluv- 6012



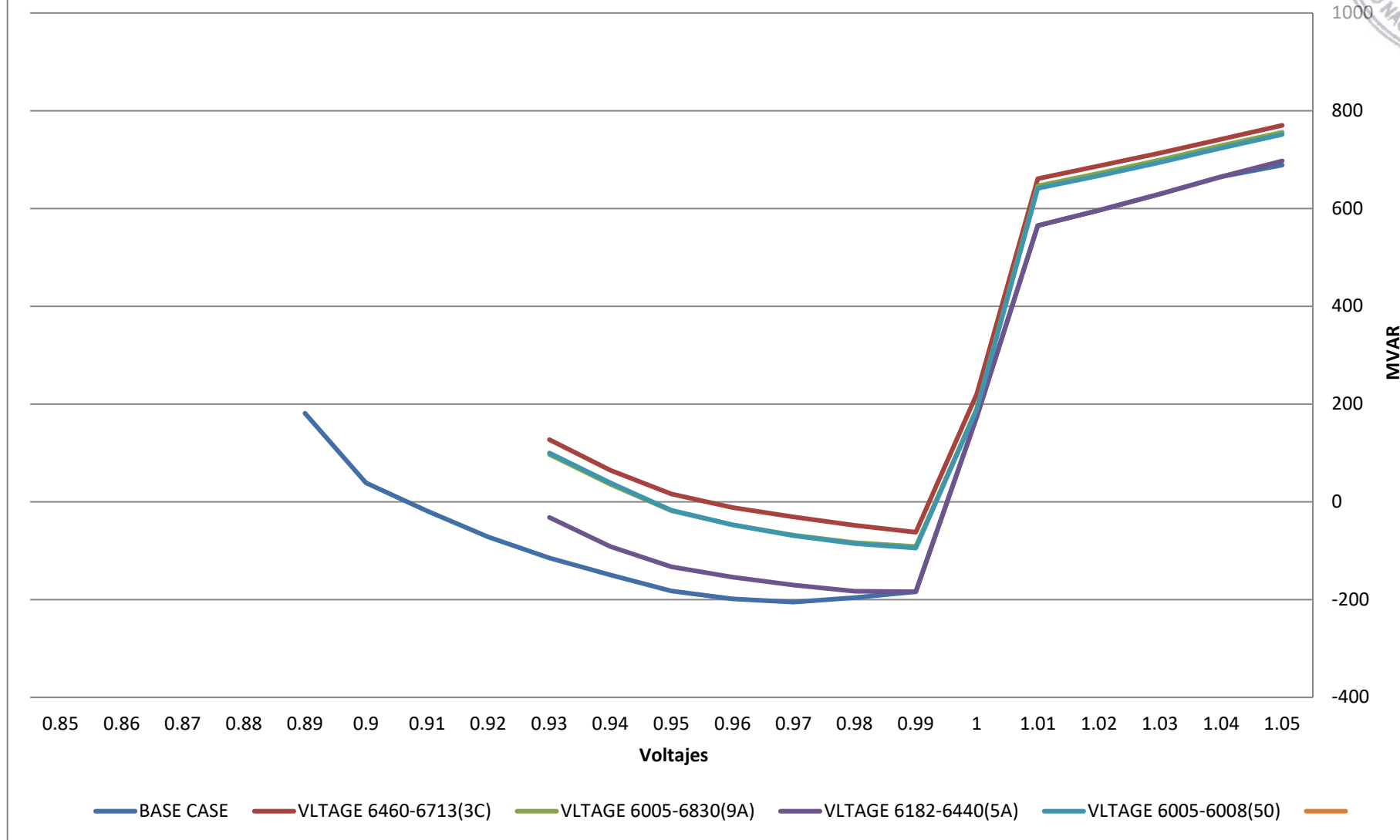
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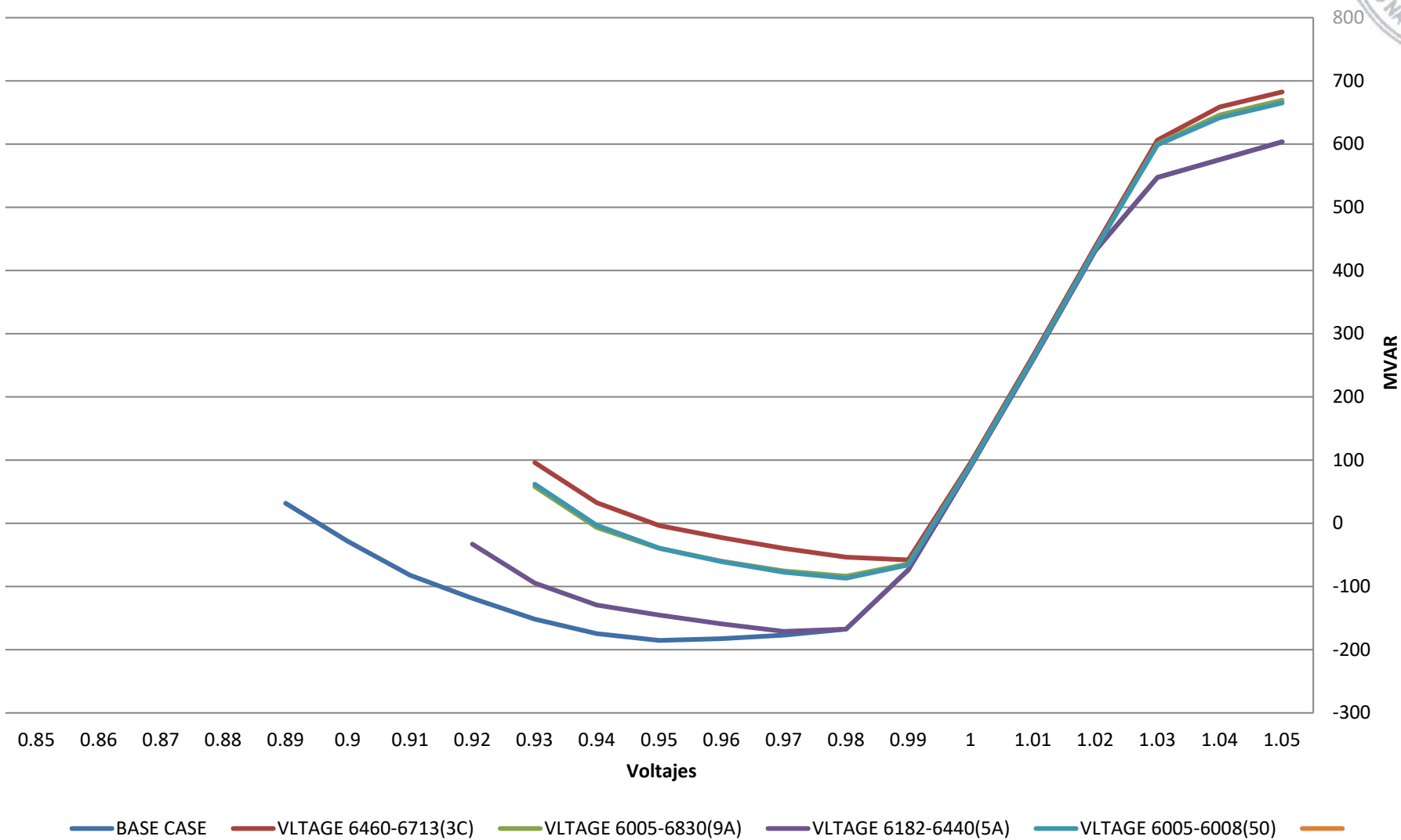
2032 LLUVIOSA

AB

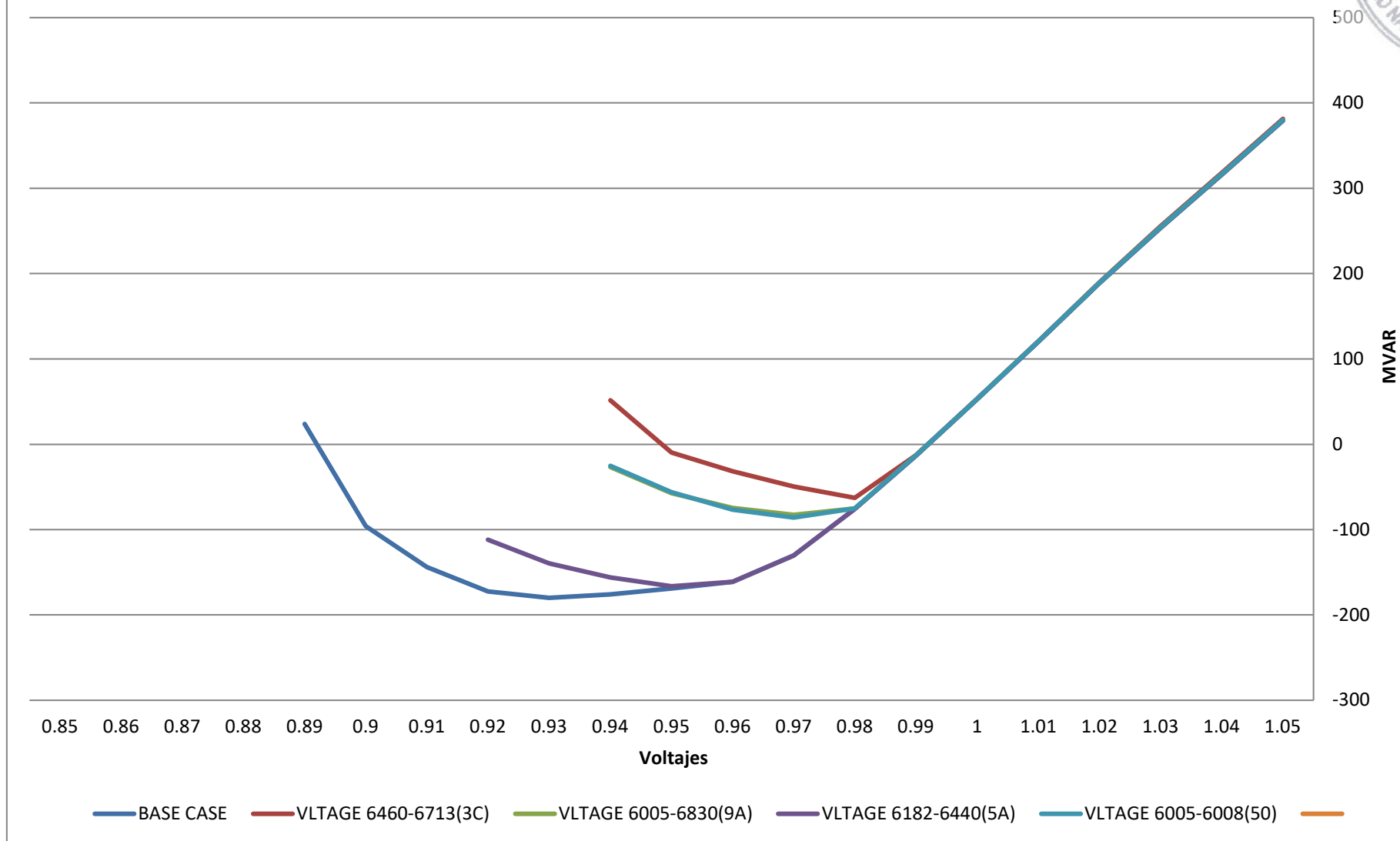
2032CA_ModMax_Lluv- 6001



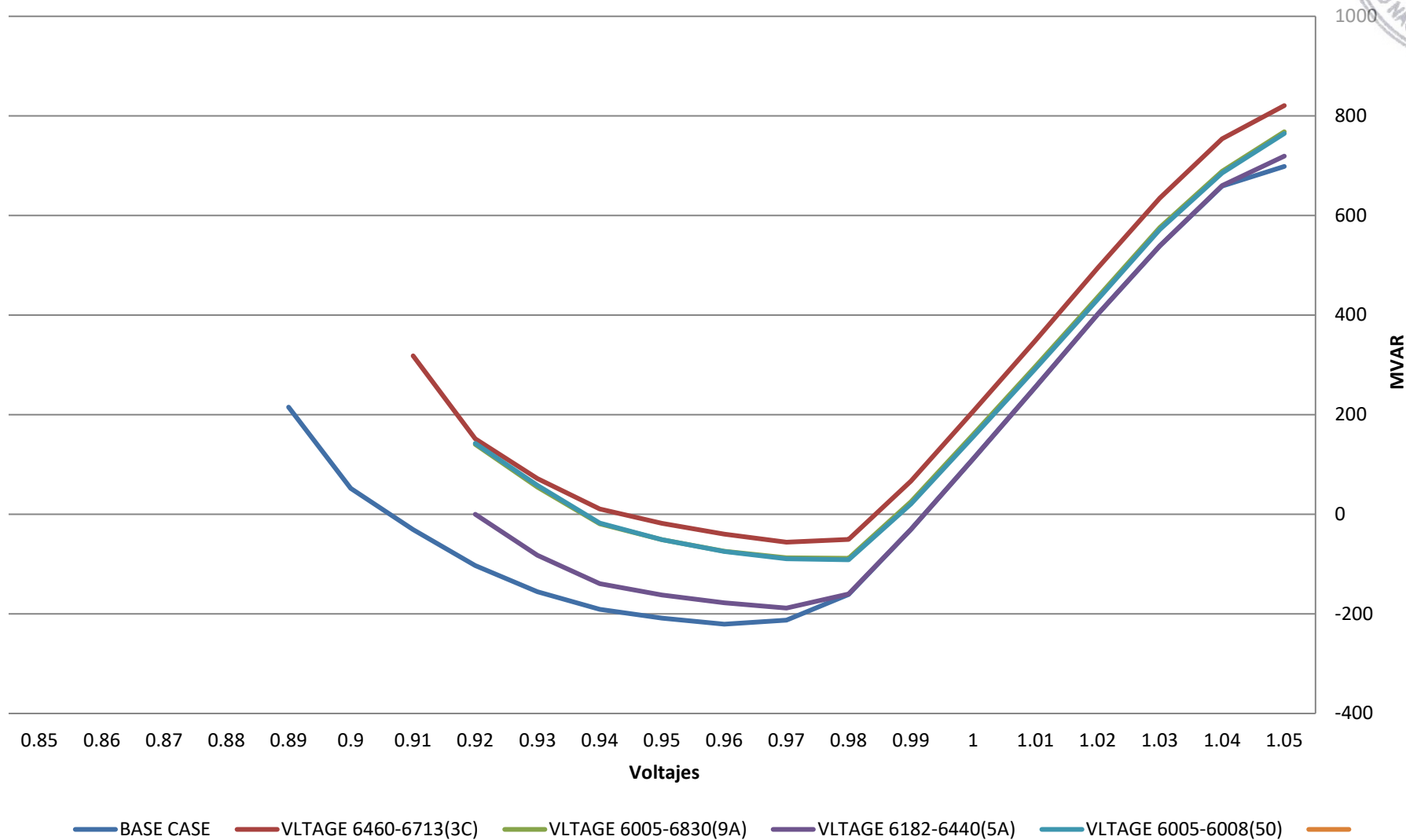
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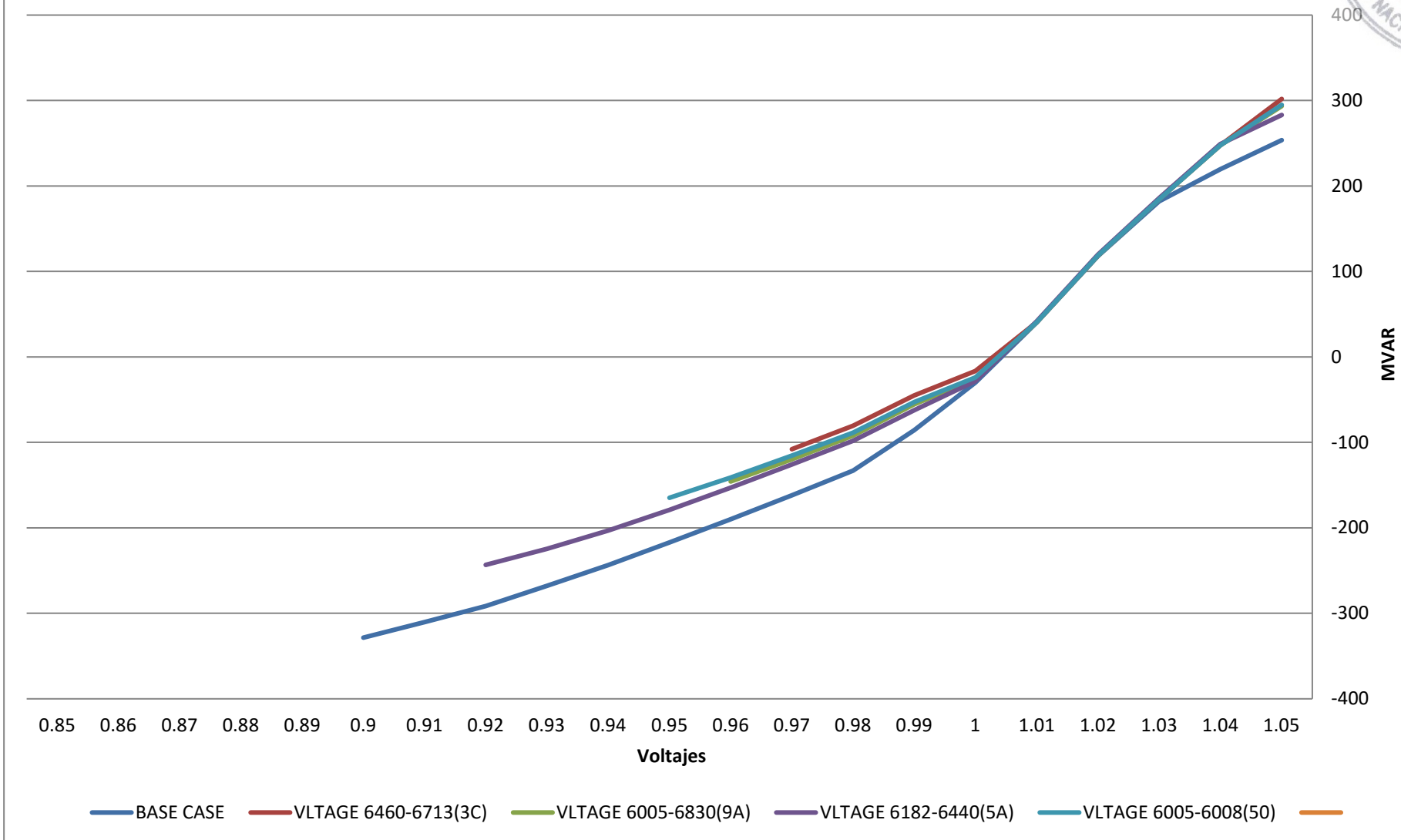
2032CA_ModMax_Lluv- 6004



2032CA_ModMax_Lluv- 6005

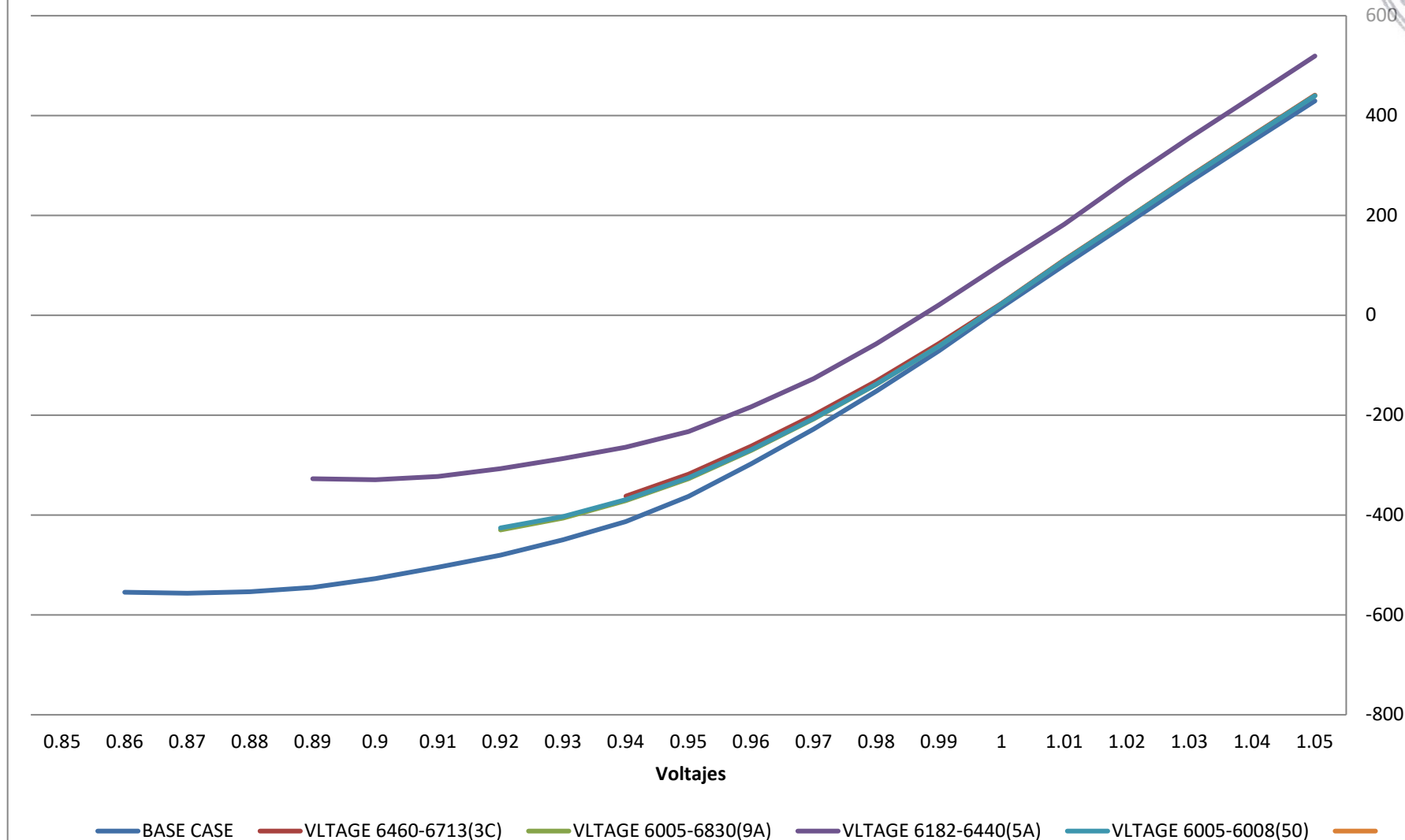


2032CA_ModMax_Lluv- 6009





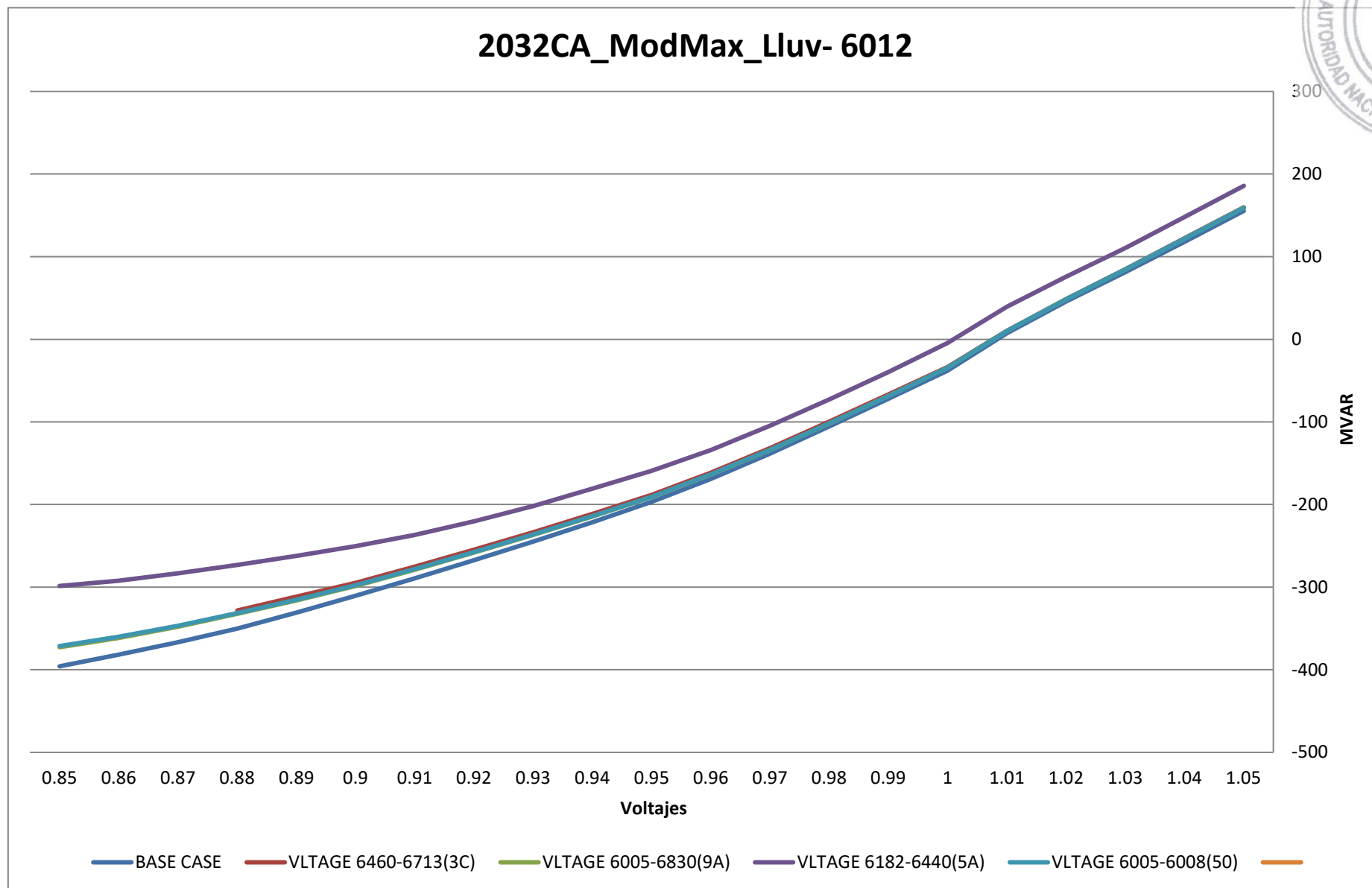
2032CA_ModMax_Lluv- 6011



AP



2032CA_ModMax_Lluv- 6012



AP

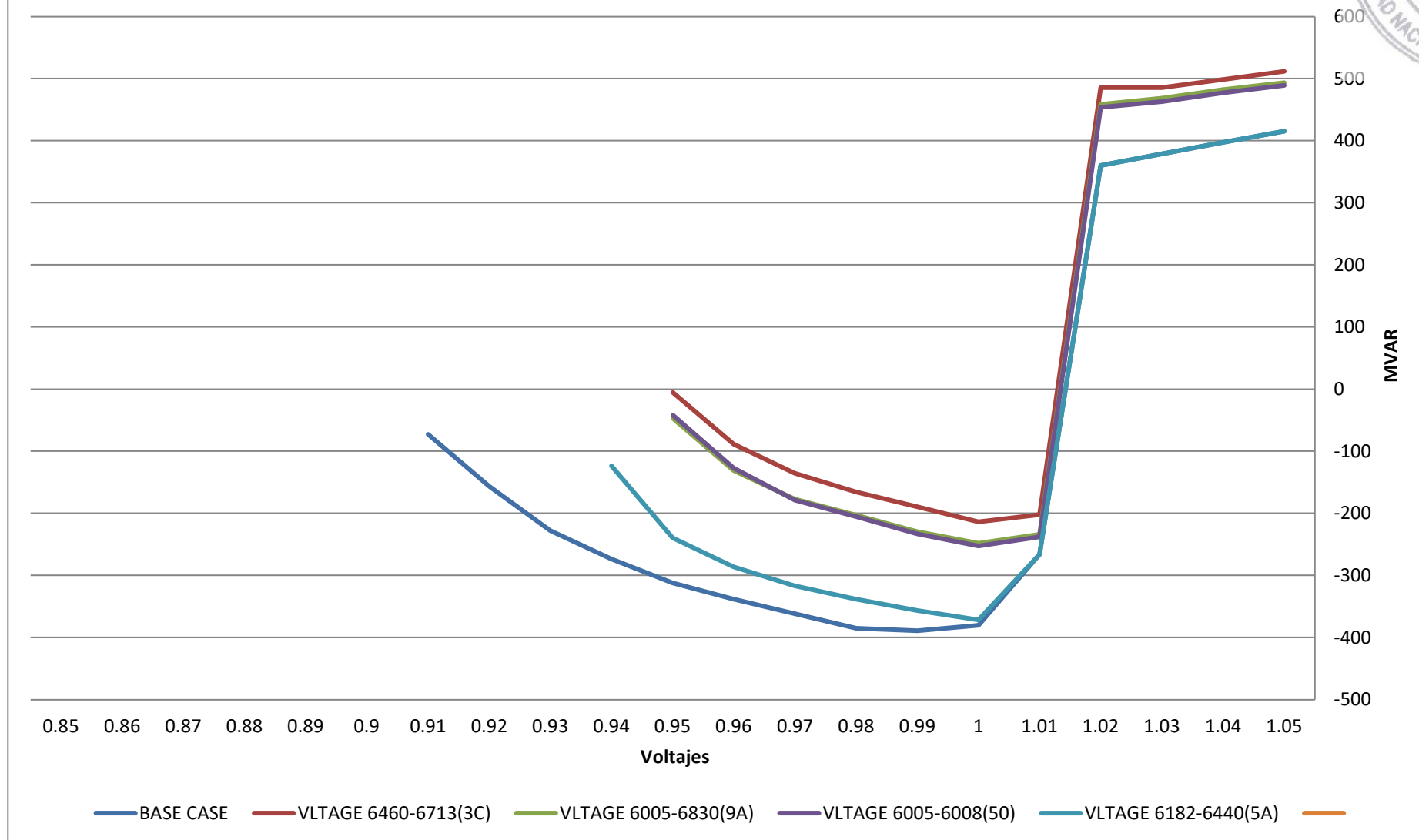


2034 LLUVIOSA

AB

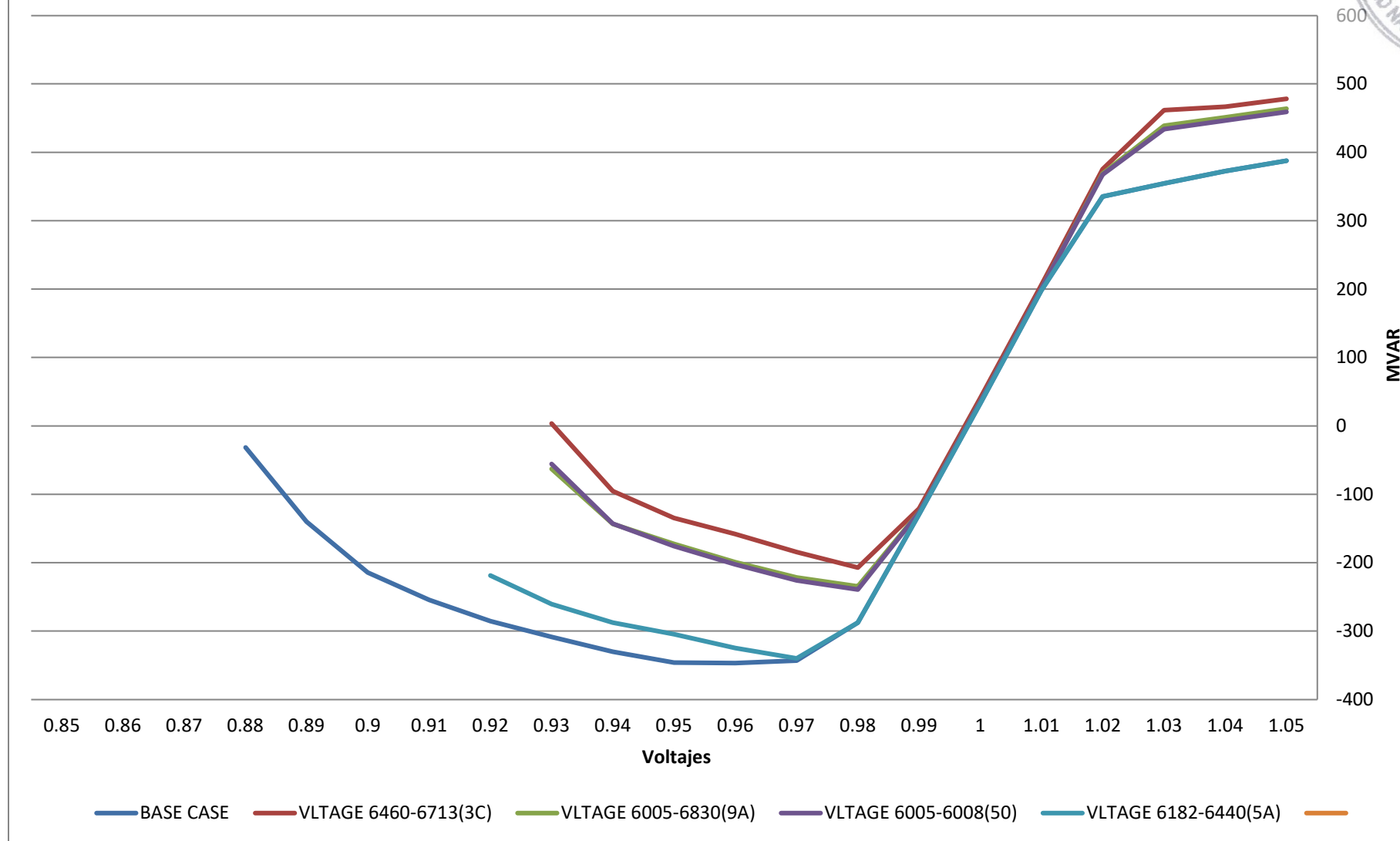


2034CA_ModMax_Lluv- 6001



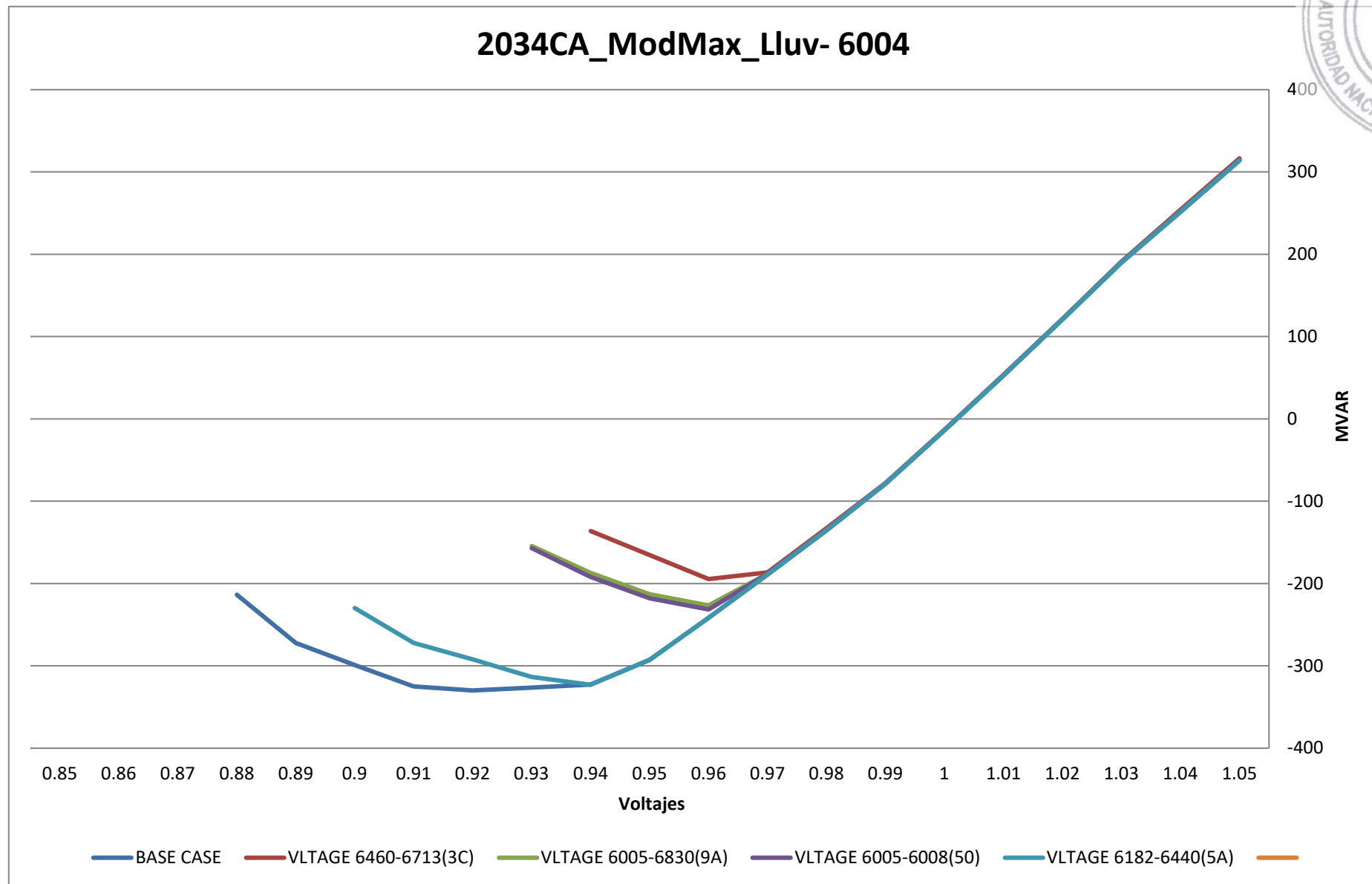
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2034CA_ModMax_Lluv- 6002



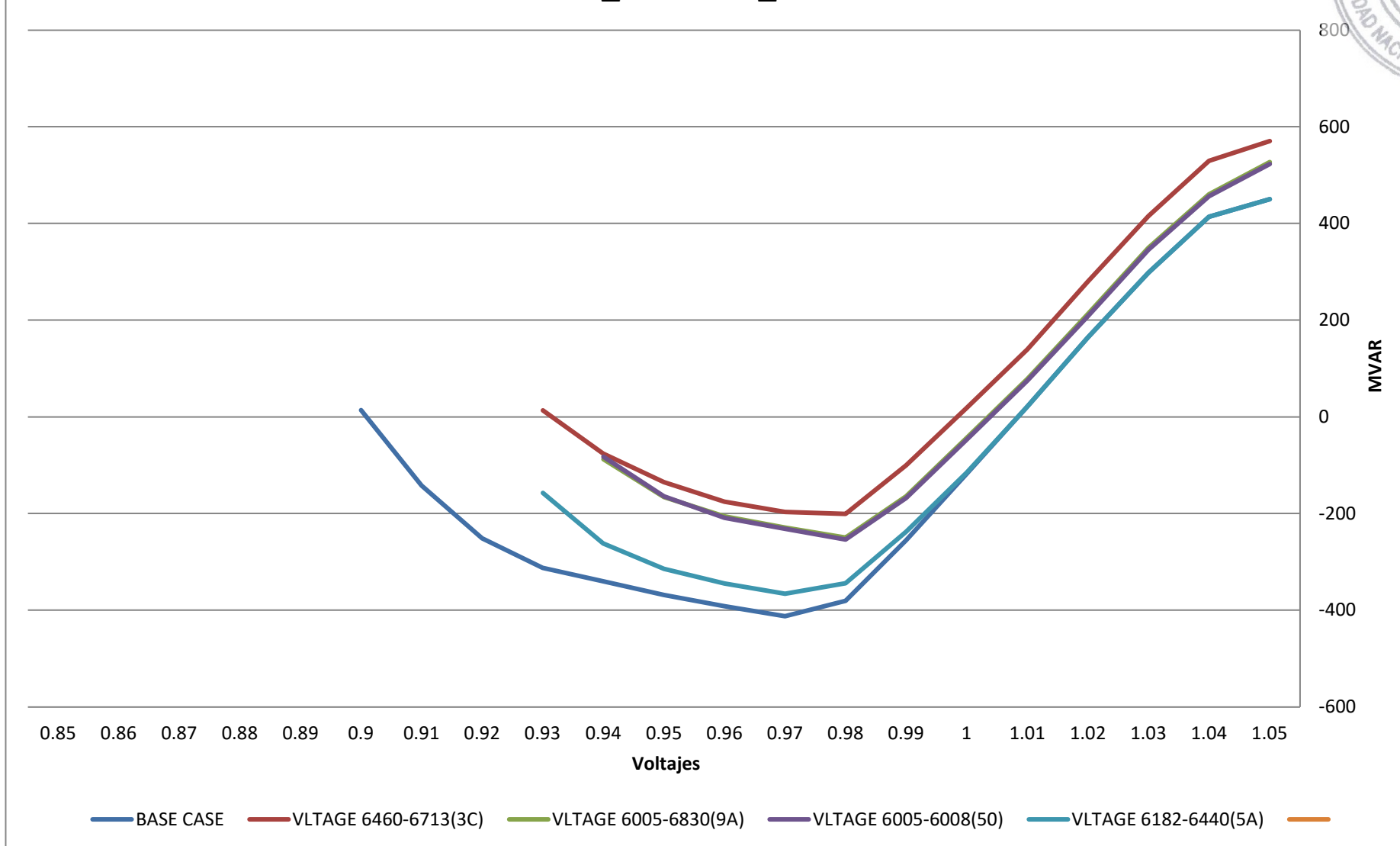


2034CA_ModMax_Lluv- 6004



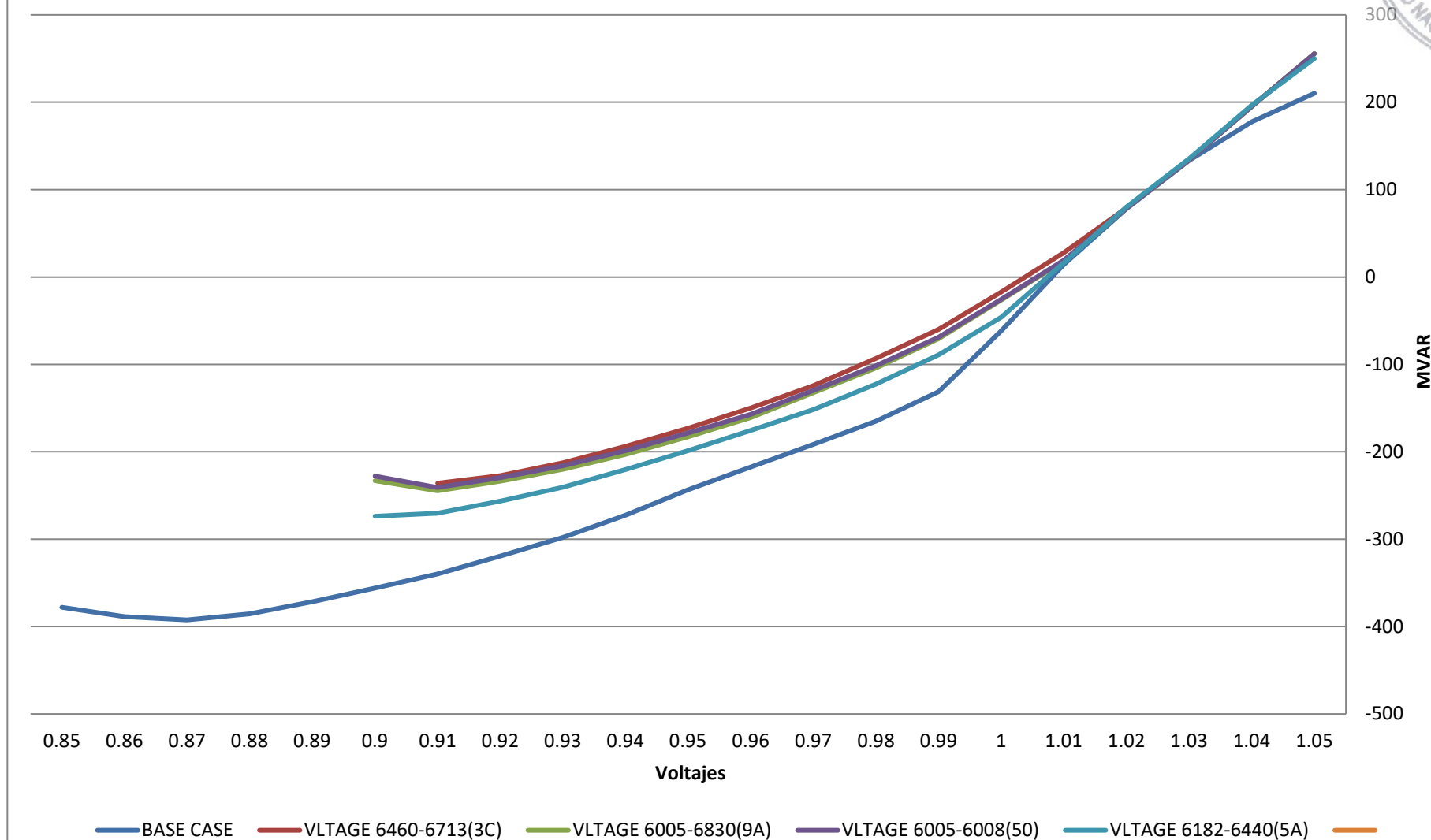
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2034CA_ModMax_Lluv- 6005





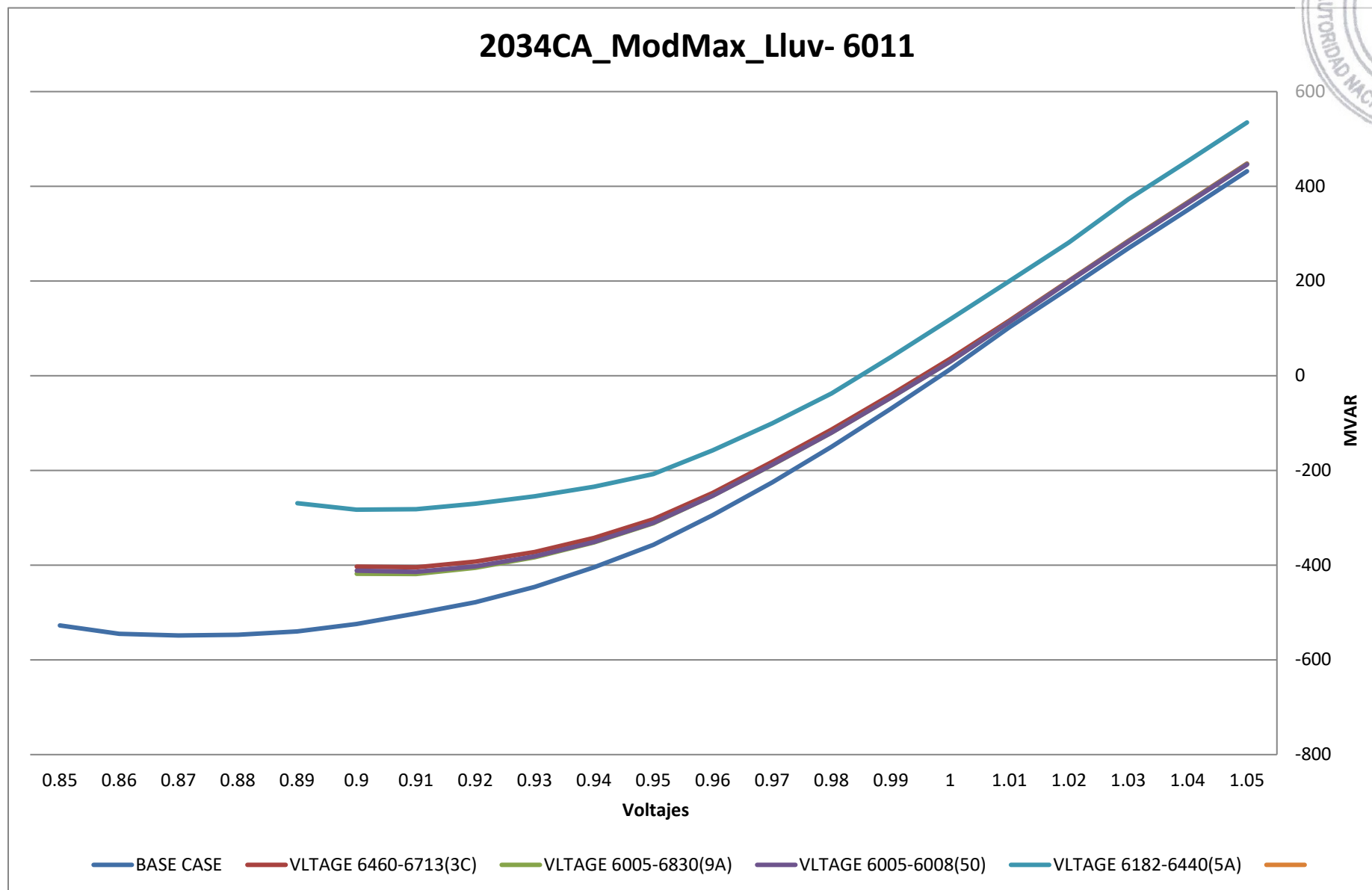
2034CA_ModMax_Lluv- 6009



AP

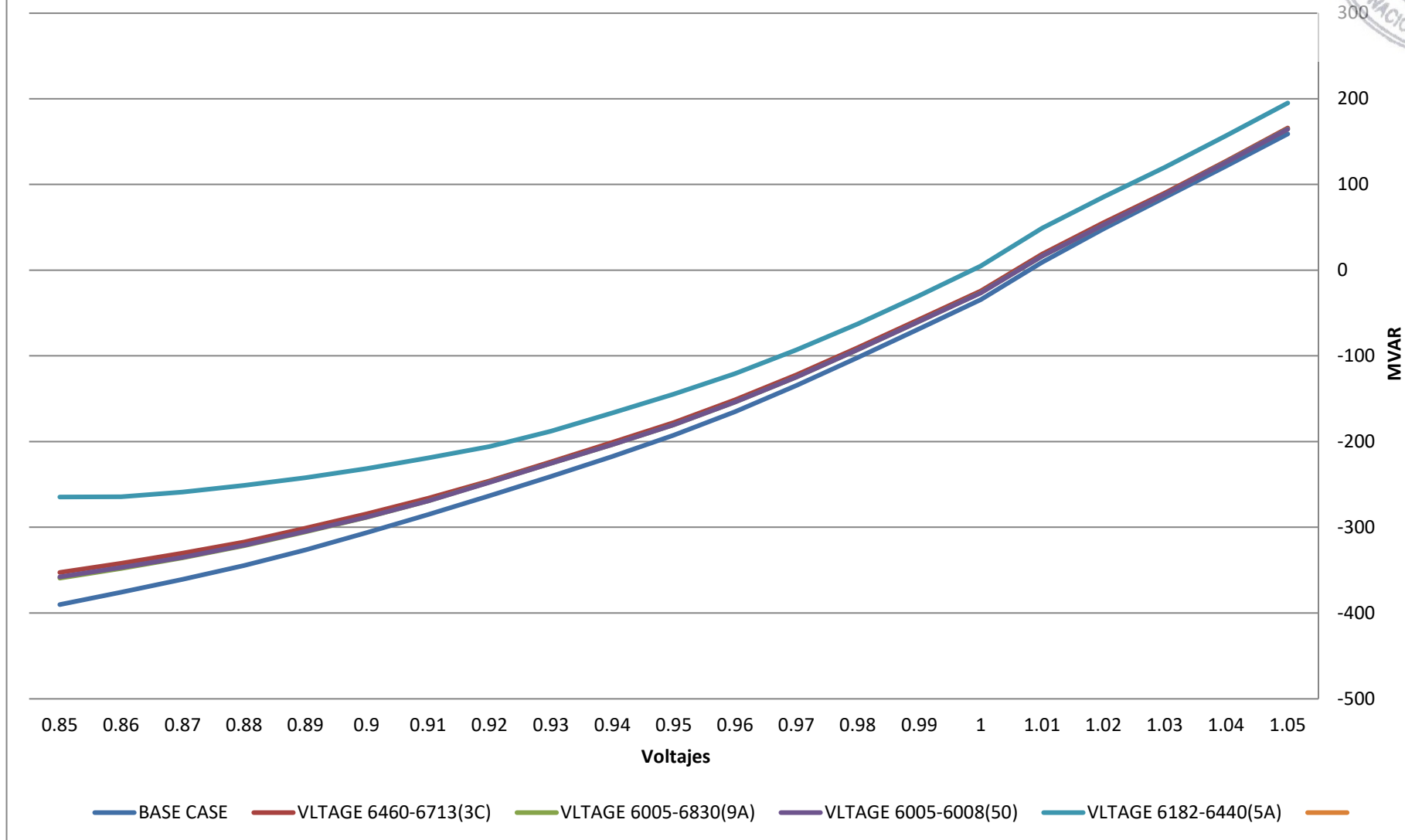


2034CA_ModMax_Lluv- 6011



AP

2034CA_ModMax_Lluv- 6012



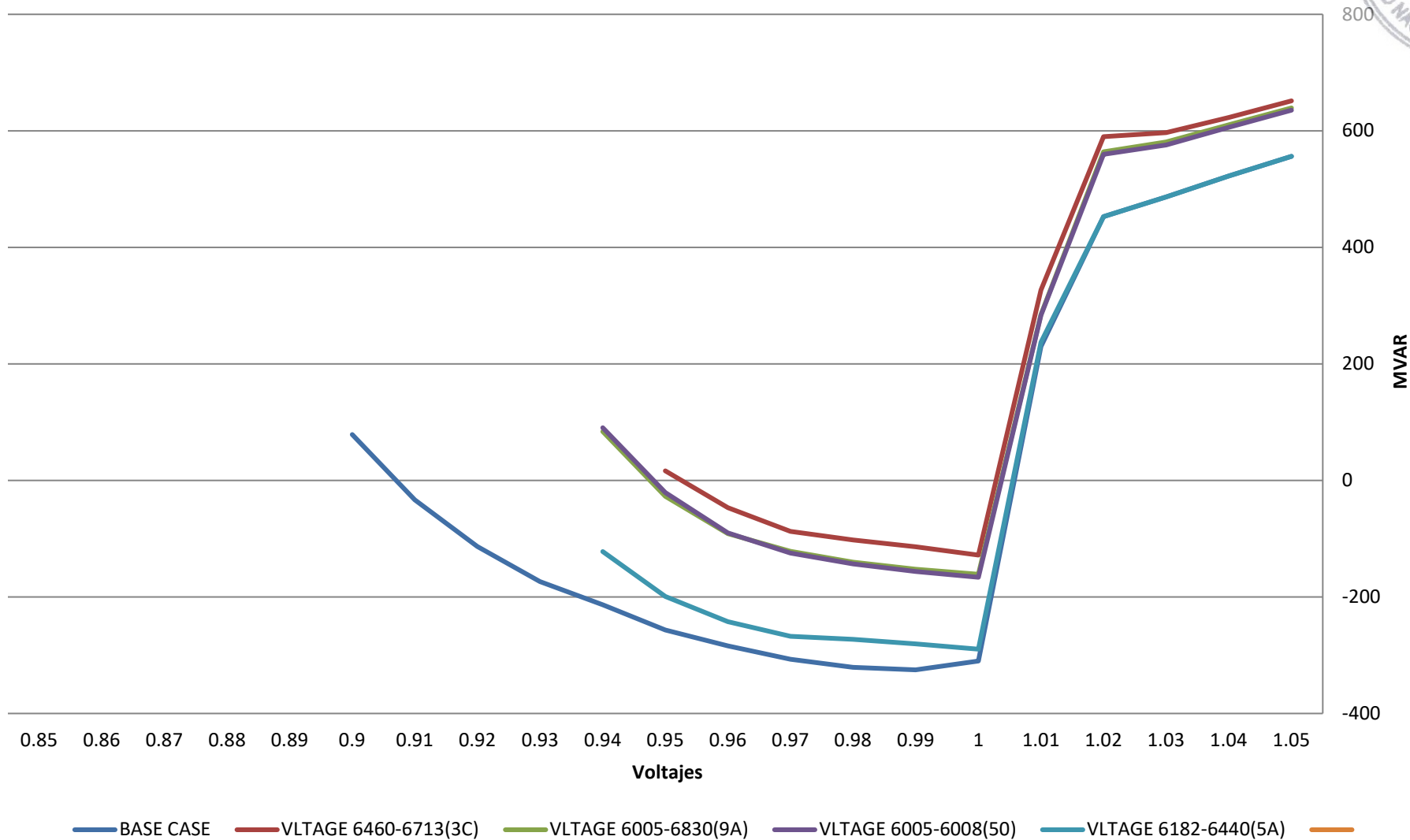


2036 LLUVIOSA

AB

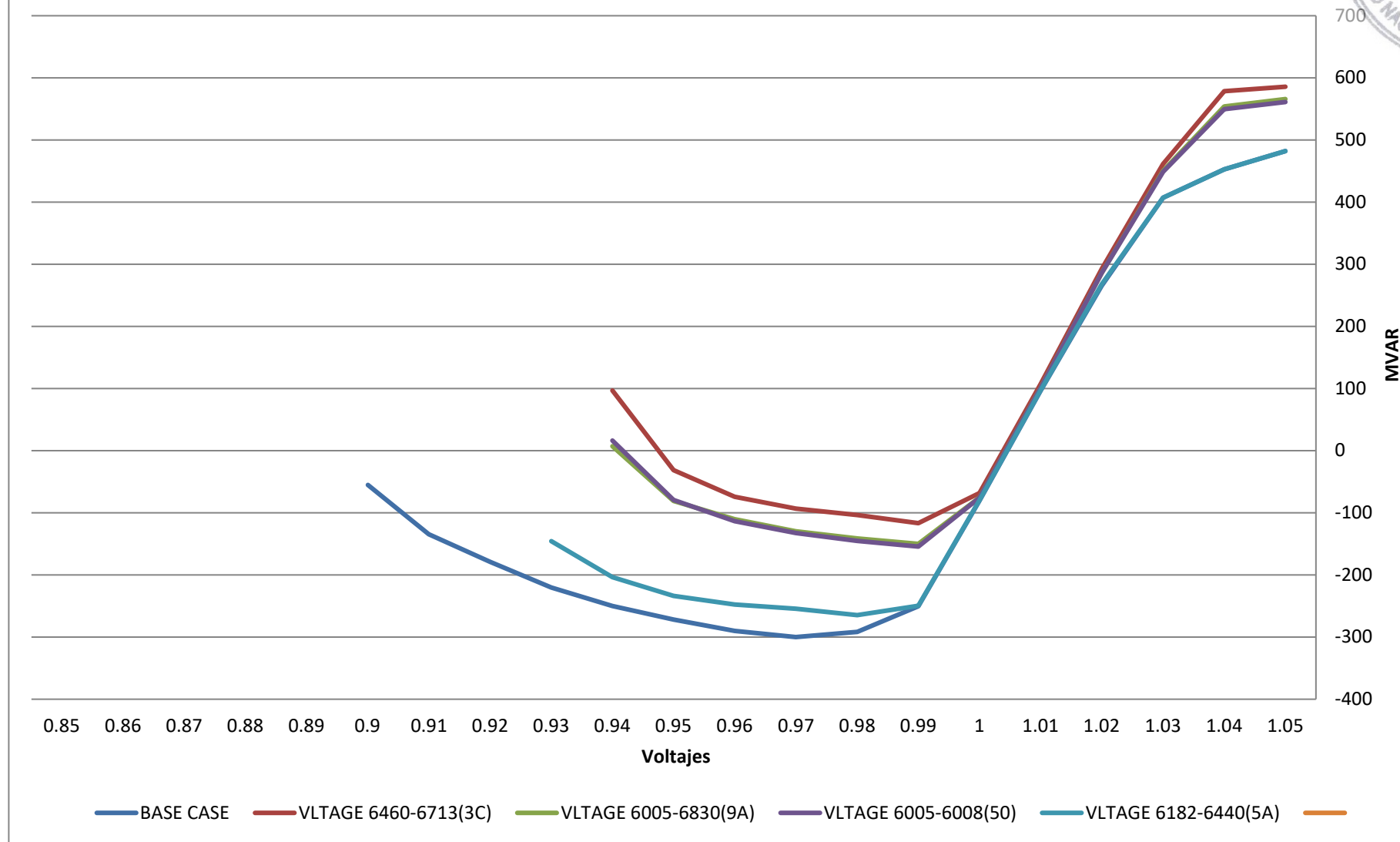


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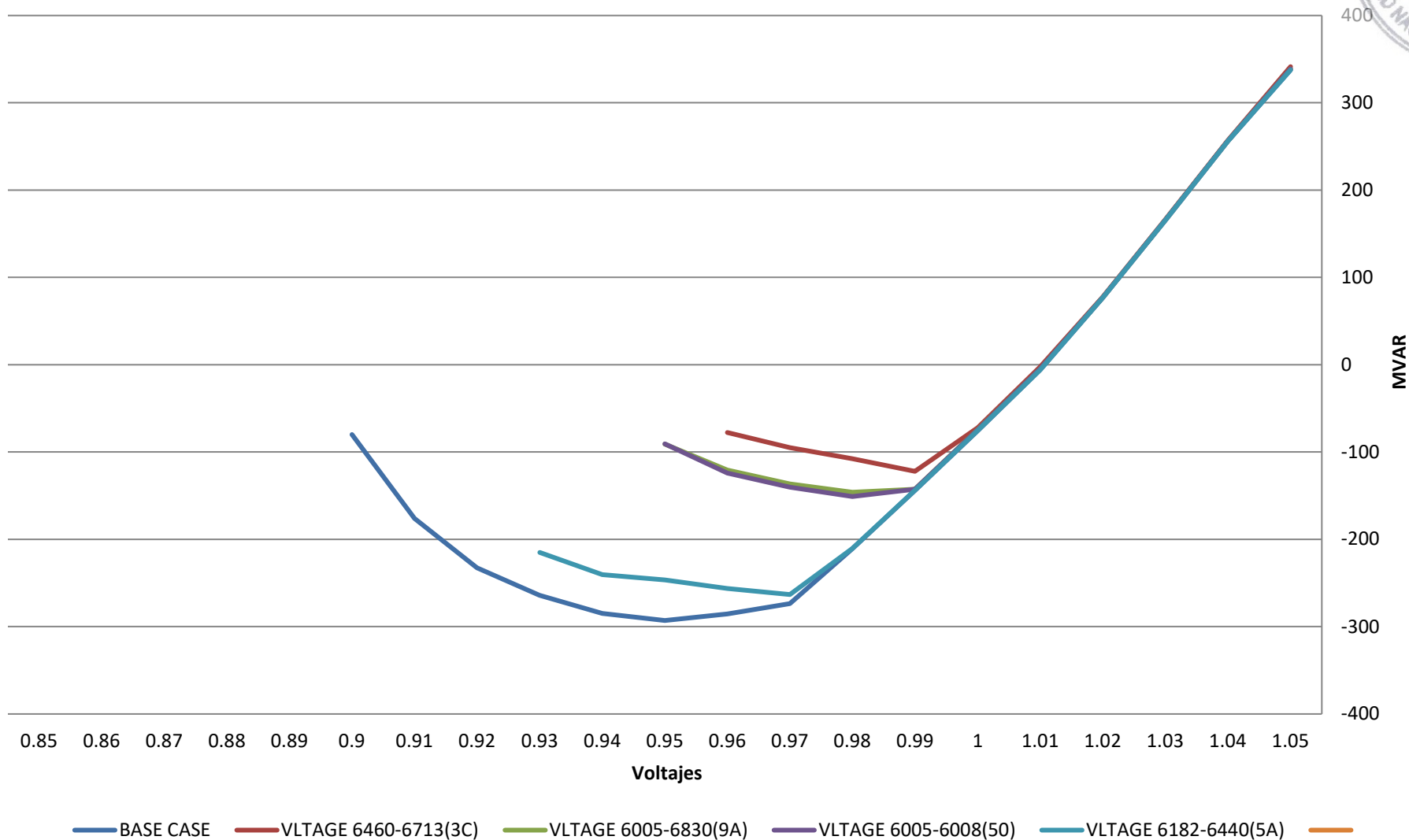
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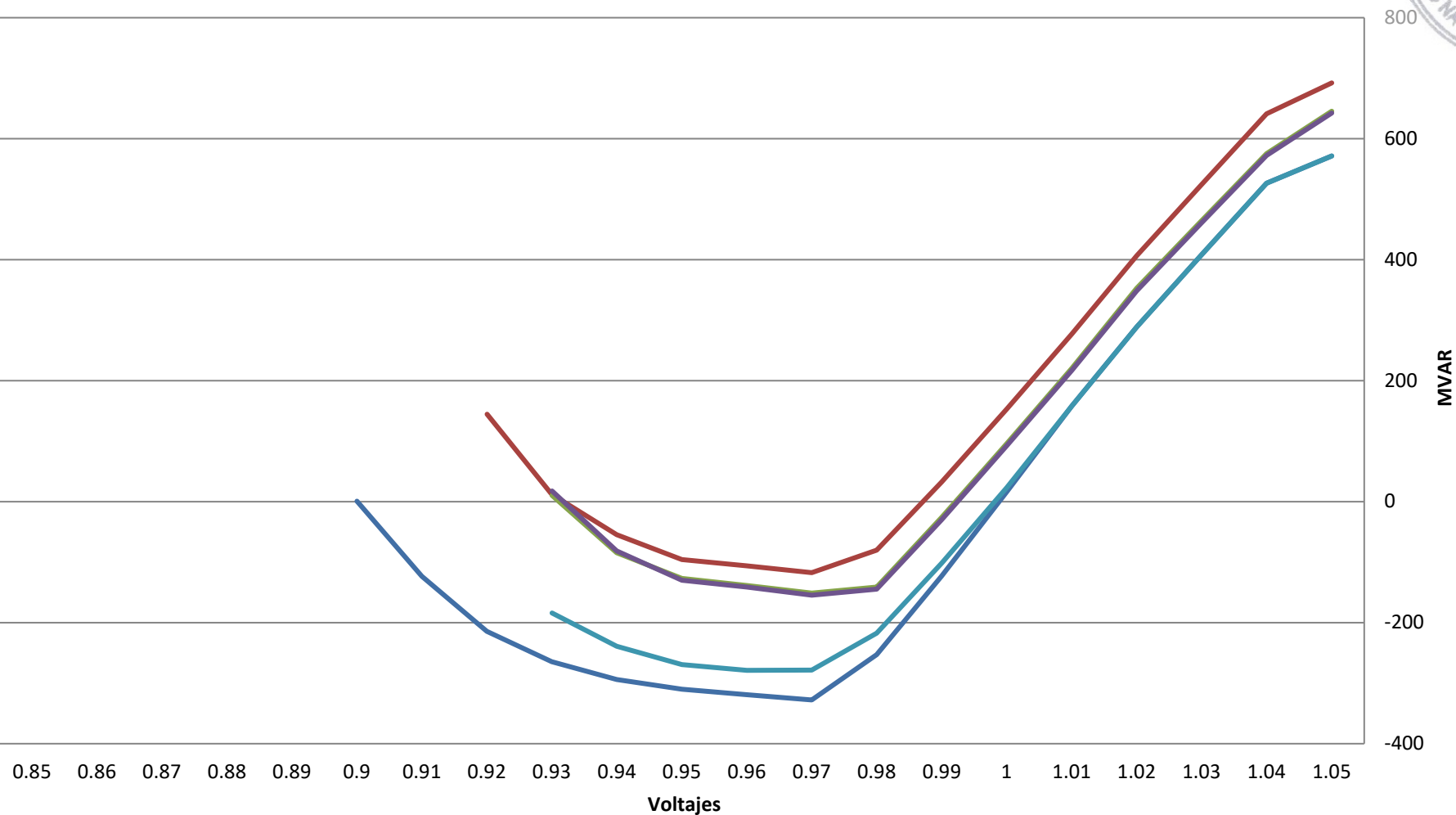
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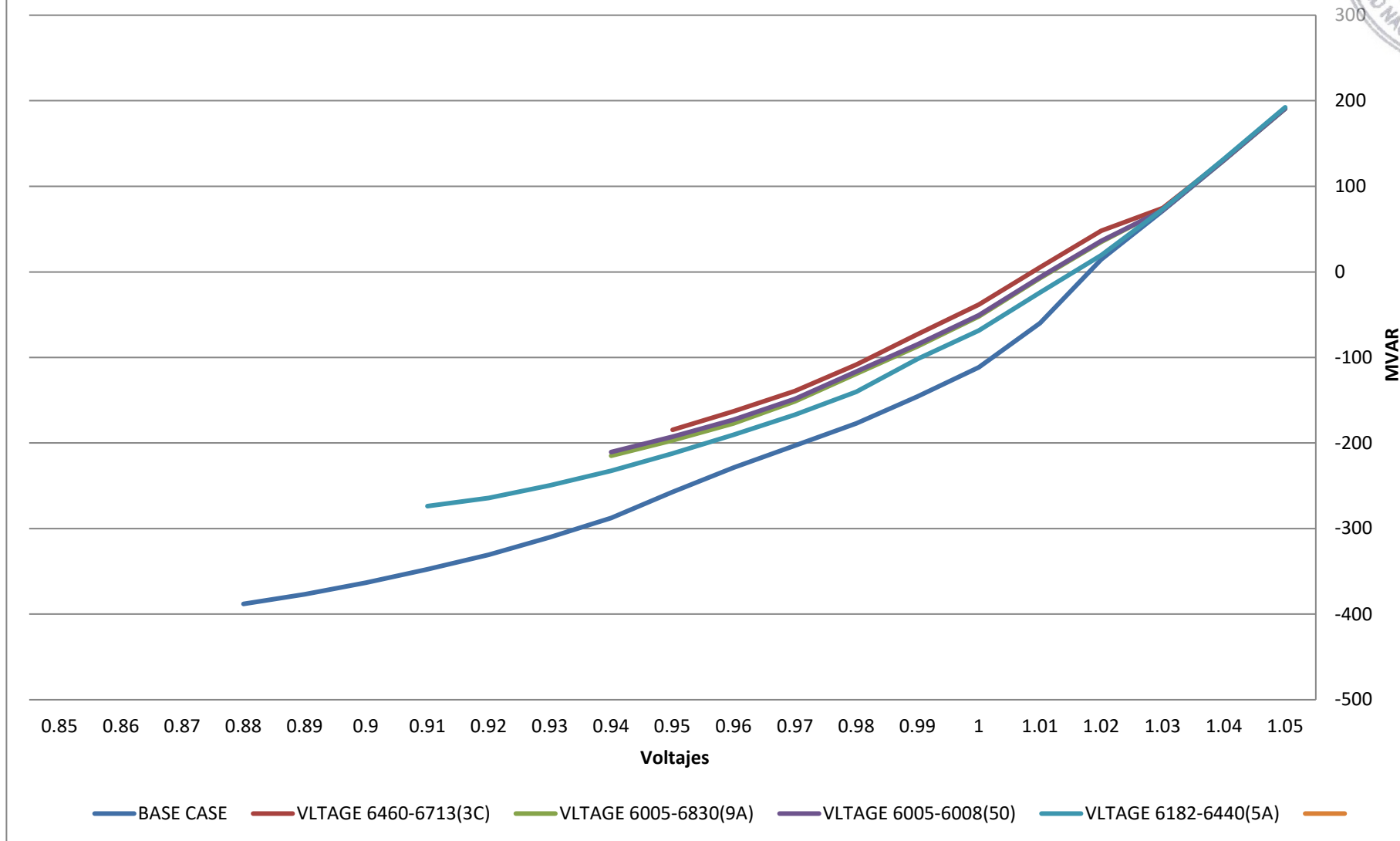


— BASE CASE — VLTAGE 6460-6713(3C) — VLTAGE 6005-6830(9A) — VLTAGE 6005-6008(50) — VLTAGE 6182-6440(5A) —

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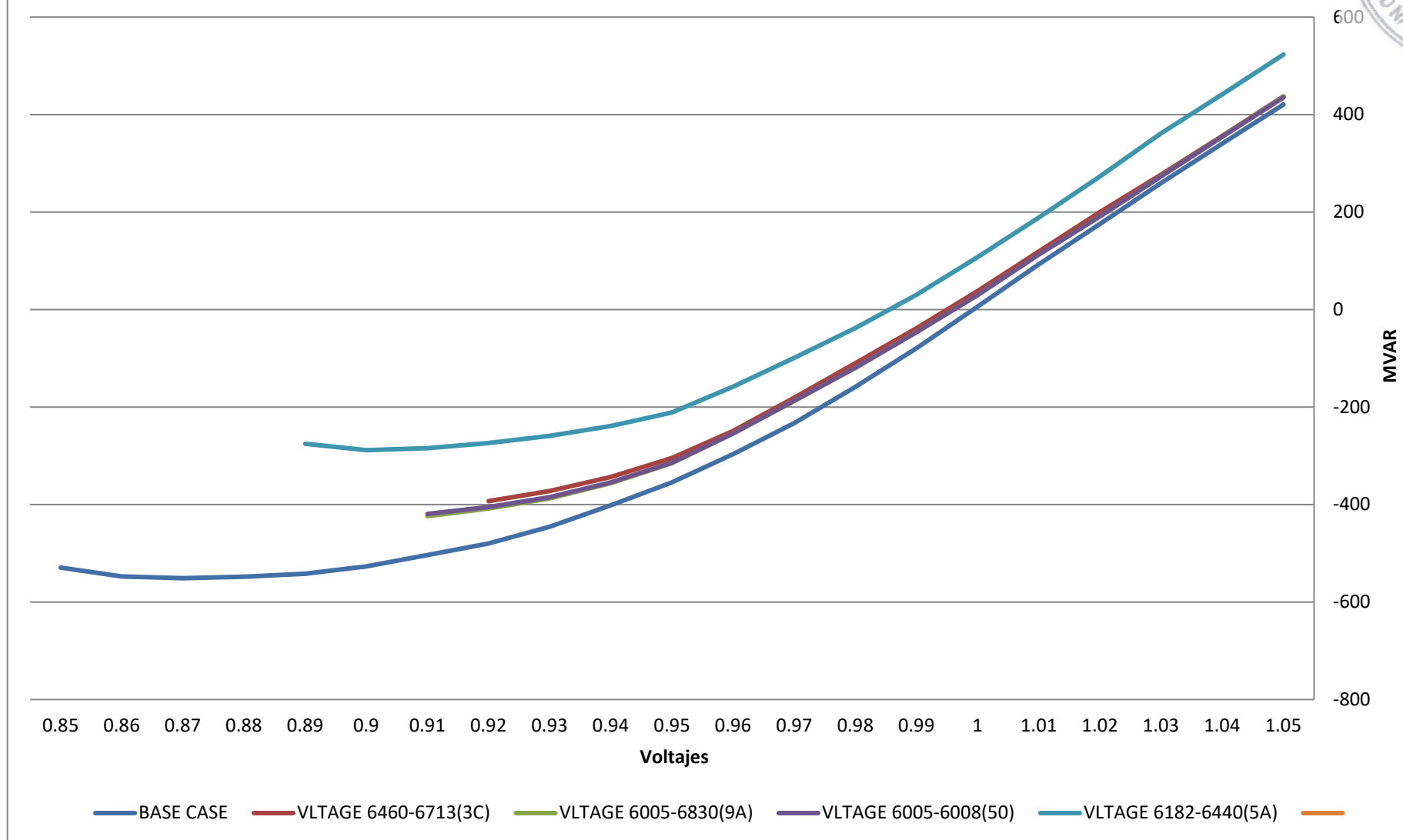
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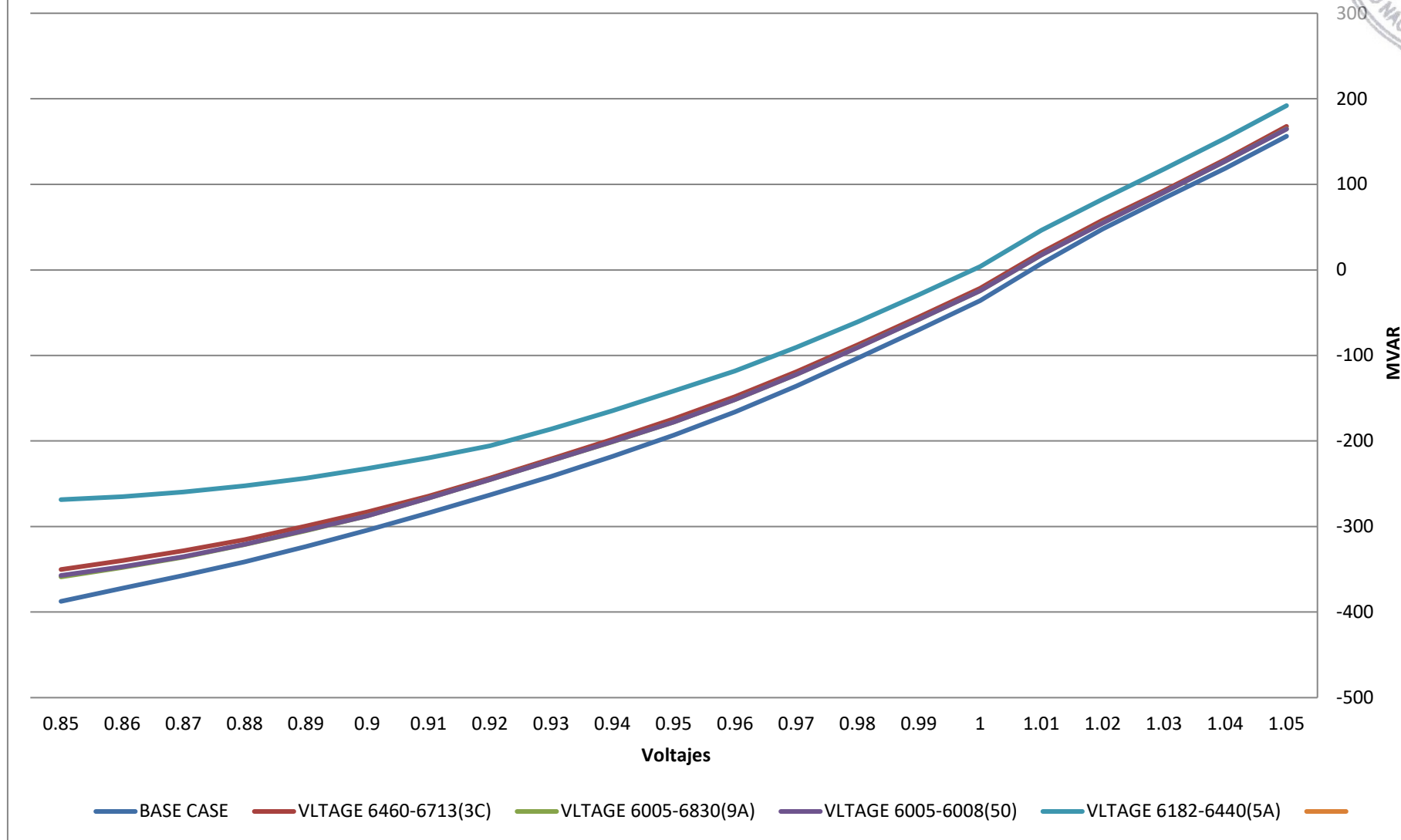
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2036CA_ModMax_Lluv- 6012



Handwritten signature or initials.