



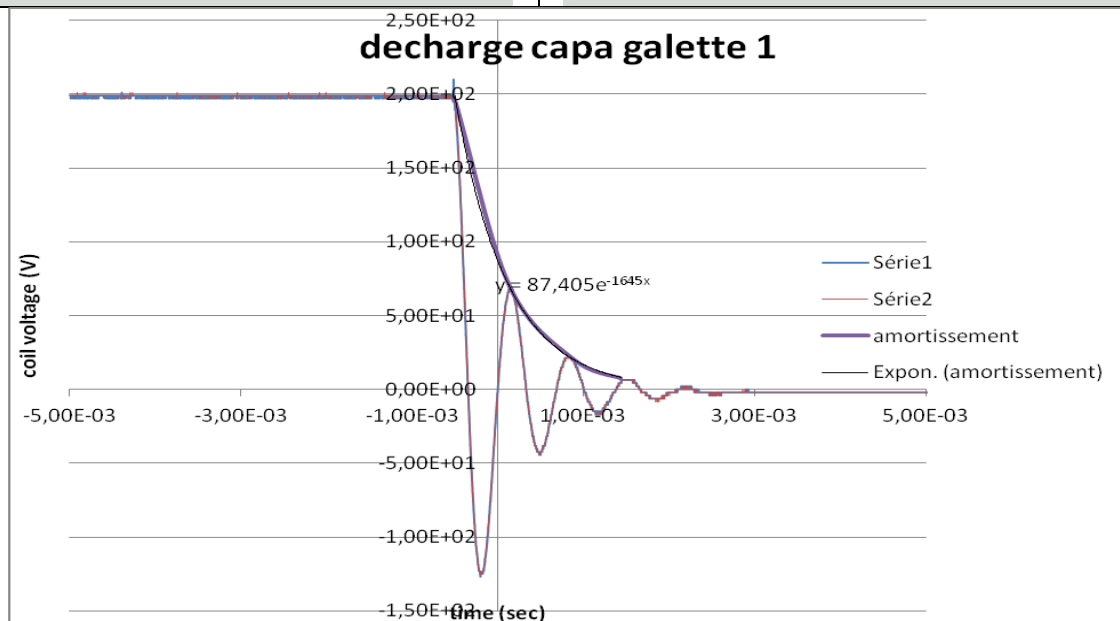
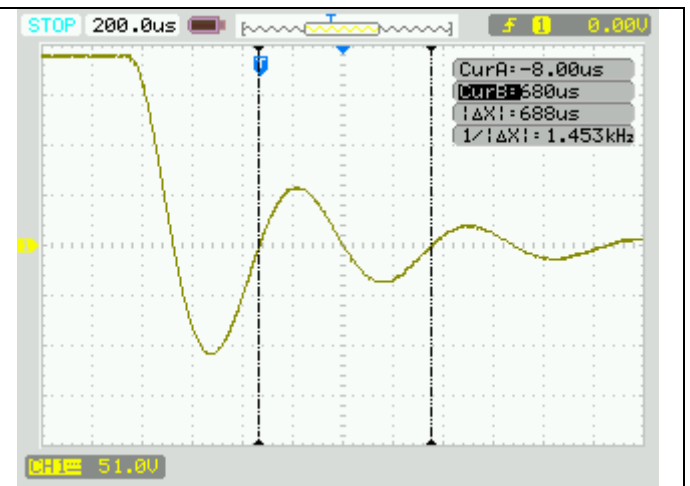
2015-01-19 ELECTRICAL COIL CONTROL REPORT

Customer : JLAB
 Date: 19/01/2015
 ΣΦ reference : 318711
 Drawing : 318711-squelette-QPOLES-V115-revB
 Revision : A

Designation :
 Coil D

Identification :
 Serial N° : first double
 pancake (GD n°1)

	UNIT	REQUIRE D	RESULT	Date Initial	ACTION
After moulding (without mandrei) before brazing					
Ring test at 198V (2.17V/turn) and damping coefficient	/		1645	AJ 27/02/15	
Period	μs		688	AJ 27/02/15	
DC resistance value at 20° C (100mA)	mΩ		116.36	AJ 27/02/15	
Inductance at 100hz	mH		7.82	AJ 27/02/15	
Inductance at 400hz	mH		5.04	AJ 27/02/15	
Inductance at 1000hz	mH		4.27	AJ 27/02/15	



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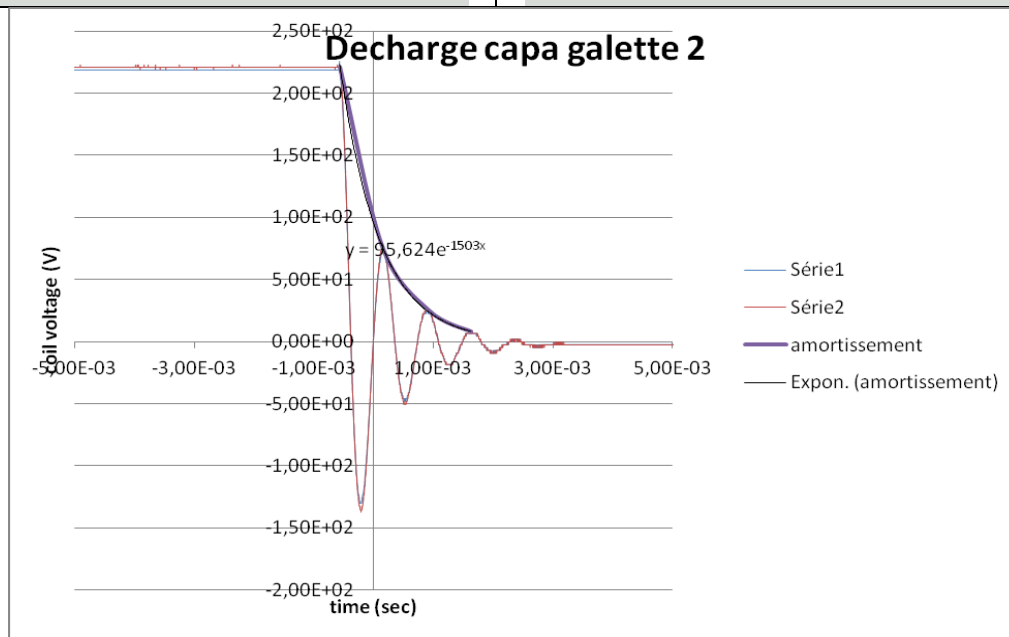
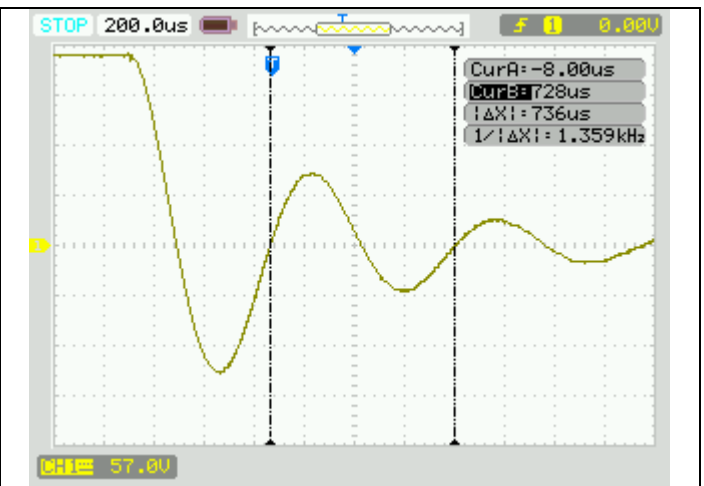


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 Revision : A

Identification :
 Serial N° : second double
 pancake (GD n°2)

	UNIT	REQUI RED	RESULT	Date Initial	ACTION
After moulding (without mandrei) before brazing					
Ring test at 220V (2.17V/turn) and damping coefficient	/		1503	AJ 27/02/15	
Period	μs		736	AJ 27/02/15	
DC resistance value at 20° C (100mA)	mΩ		130.17	AJ 27/02/15	
Inductance at 100hz	mH		8.88	AJ 27/02/15	
Inductance at 400hz	mH		5.67	AJ 27/02/15	
Inductance at 1000hz	mH		4.93	AJ 27/02/15	



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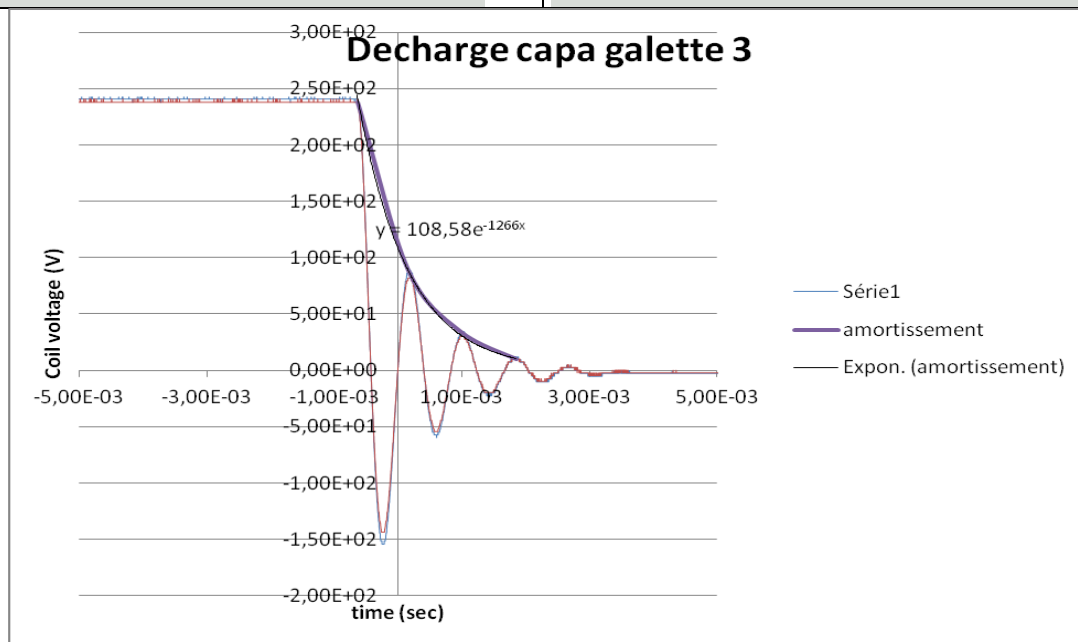
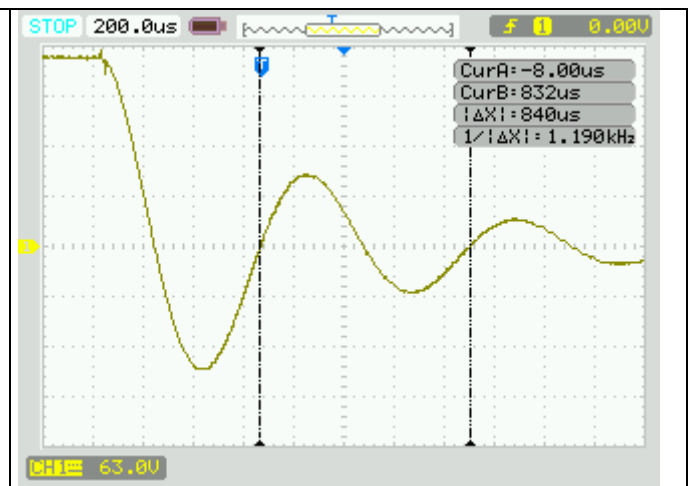


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Customer : JLAB
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Drawing : 318711-squelette-QPOLES-V115-revB
Revision : A

Identification :
 Serial N° : **third double
pancake (GD n°3)**

	UNIT	REQUI RED	RESULT	Date Initial	ACTION
After moulding (without mandrei) before brazing					
Ring test at 243V (2.17V/turn) and damping coefficient	/		1266	AJ 27/02/15	
Period	μs		840	AJ 27/02/15	
DC resistance value at 20° C (100mA)	mΩ		146.63	AJ 27/02/15	
Inductance at 100hz	mH		10.97	AJ 27/02/15	
Inductance at 400hz	mH		7.08	AJ 27/02/15	
Inductance at 1000hz	mH		6.21	AJ 27/02/15	



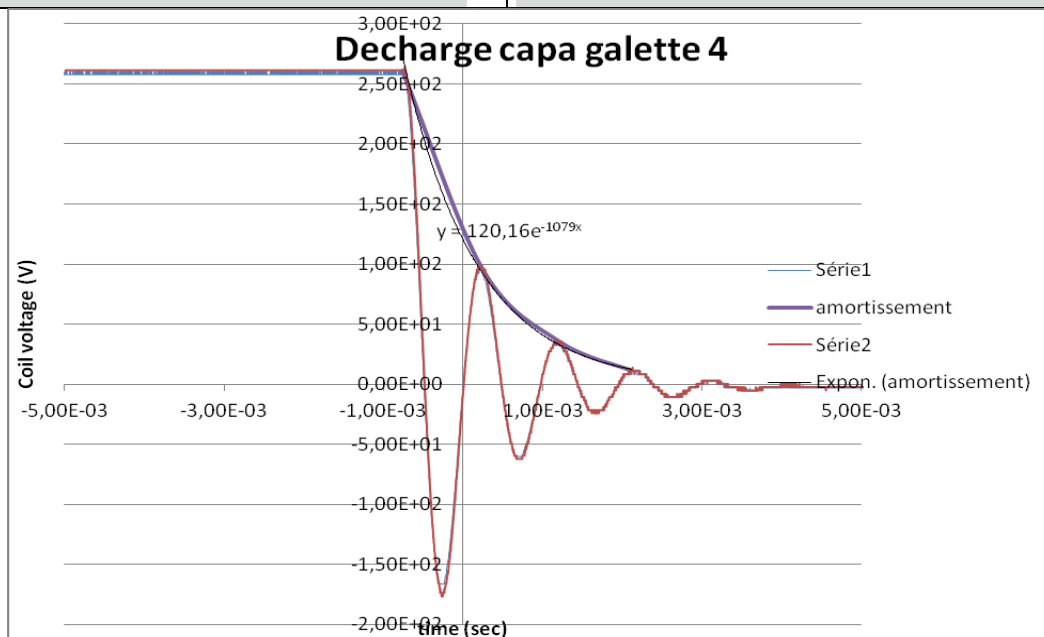
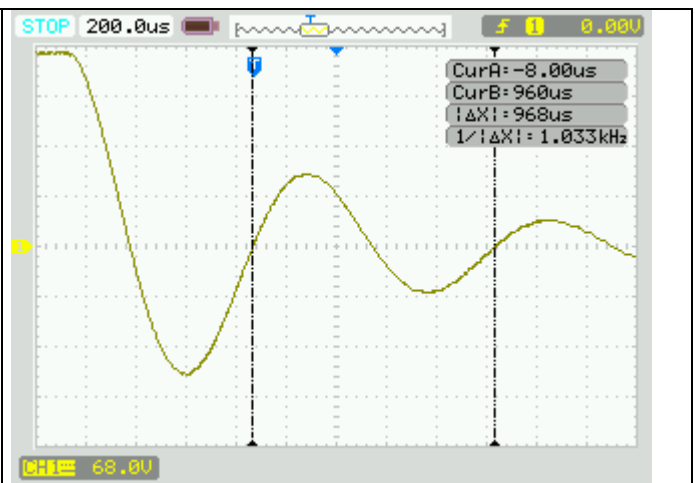
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2015-01-19 ELECTRICAL COIL CONTROL REPORT

Customer : JLAB
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 Drawing : 318711-squelette-QPOLES-V115-revB
 Revision : A

Identification :
 Serial N° : fourth double
 pancake (GD n°4)

	UNIT	REQUI RED	RESULT	Date Initial	ACTION
After moulding (without mandrei) before brazing					
Ring test at 267V (2.17V/turn) and damping coefficient	/		1079	AJ 27/02/15	
Period	μs		968	AJ 27/02/15	
DC resistance value at 20° C (100mA)	mΩ		162.83	AJ 27/02/15	
Inductance at 100hz	mH		14.52	AJ 27/02/15	
Inductance at 400hz	mH		9.54	AJ 27/02/15	
Inductance at 1000hz	mH		8.24	AJ 27/02/15	



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Revision : A

	UNIT	REQUIREMENT	RESULT	Date Initial	ACTION
After moulding (without mandrei) before brazing					
Insulation resistance during 1mn at 1500 Vdc between GD n°1 et GD n°2	Ω	≥ 1.10 ⁶	461GΩ	AJ 27/02/15	
Insulation resistance during 1mn at 1500 Vdc between GD n°2 et GD n°3	Ω	≥ 1.10 ⁶	293GΩ	AJ 27/02/15	
Insulation resistance during 1mn at 1500 Vdc between GD n°3 et GD n°4	Ω	≥ 1.10 ⁶	248GΩ	AJ 27/02/15	
Dielectric test during 1mn at 1500Vdc between GD n°1 and GD n°2	/	OK	OK I=3.33nA	AJ 27/02/15	
Dielectric test during 1mn at 1500Vdc between GD n°2 and GD n°3	/	OK	OK I=5.23nA	AJ 27/02/15	
Dielectric test during 1mn at 1500Vdc between GD n°3 and GD n°4	/	OK	OK I=6.20nA	AJ 27/02/15	

	UNIT	REQUIREMENT	RESULT	Date Initial	ACTION
After moulding (without mandrei)					
Insulation resistance during 1mn at 1500 Vdc between GD n°1, GD n°2, GD n°3, GD n°4 and all the spacers	Ω	≥ 1.10 ⁶	91.5GΩ	AJ 27/02/15	
Dielectric test during 1mn at 1500Vdc between GD n°1, GD n°2, GD n°3, GD n°4 and all the spacers	/	OK	OK I=16.8nA	AJ 27/02/15	



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