



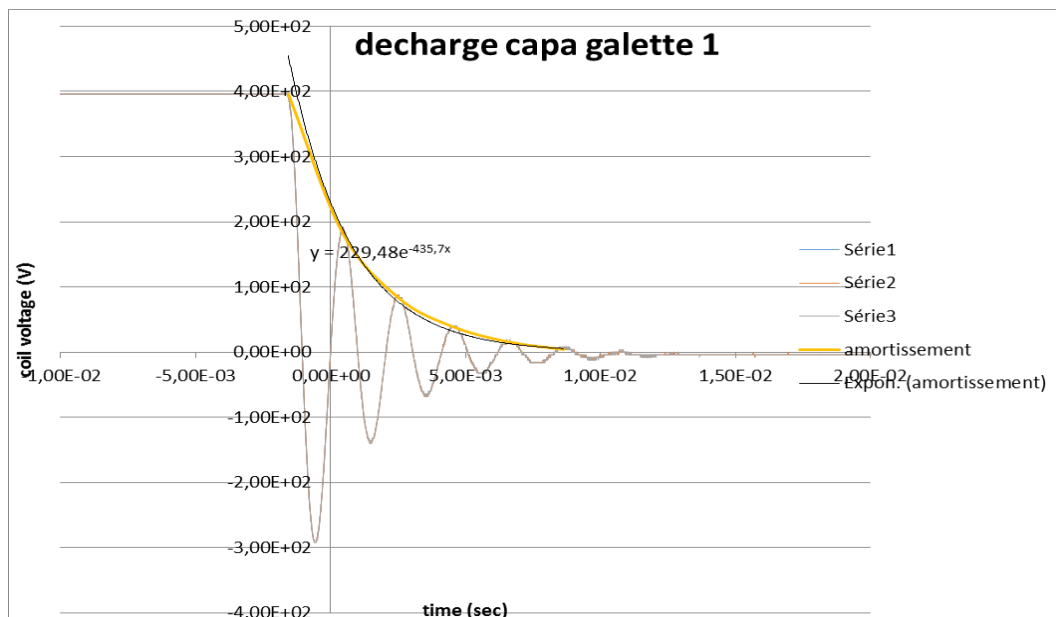
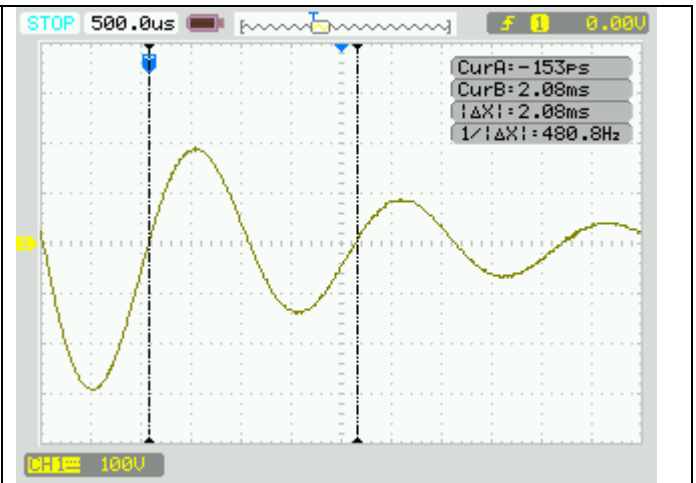
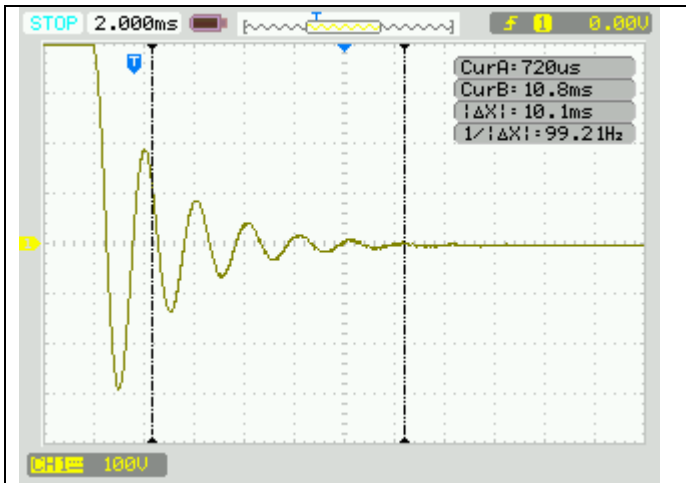
2014-11-21 ELECTRICAL COIL CONTROL REPORT

Customer : JLAB
 Date: 21/11/2014
 ΣΦ reference : 317111
 Drawing : 317111-JLA-0200-001 rev G
 Revision : B

Designation :
 Coil A

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

	UNIT	REQUI RED	RESULT	Date Initial	ACTIO N
After moulding (without mandrei) before brazing					
Ring test at 400V (2.17V/turn) and damping coefficient	/		436	AL 09/10/14	
Period	ms		2.08	AL 09/10/14	
DC resistance value at 20° C (100mA)	mΩ		412.4	AL 09/10/14	
Inductance at 400hz	mH		38.51	AL 09/10/14	

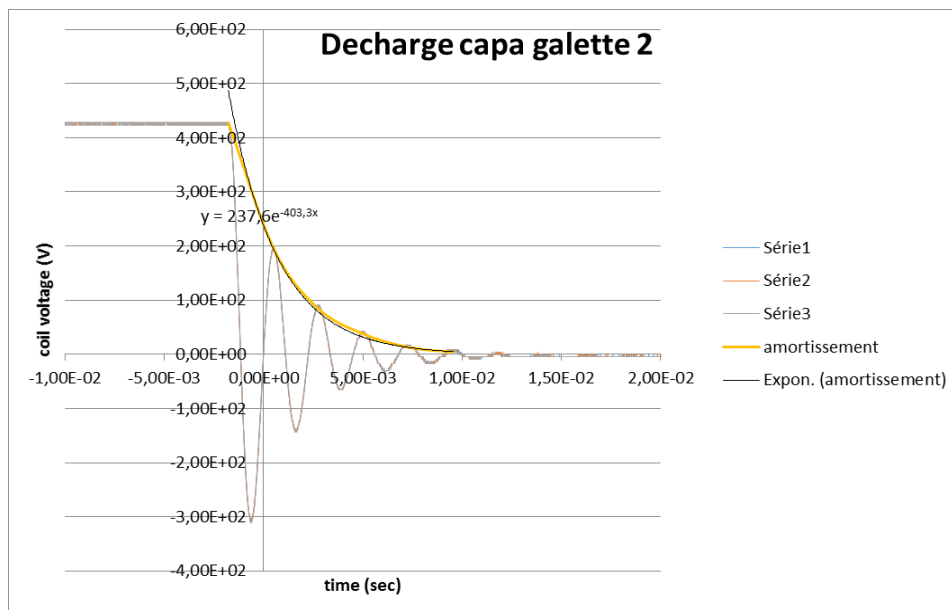
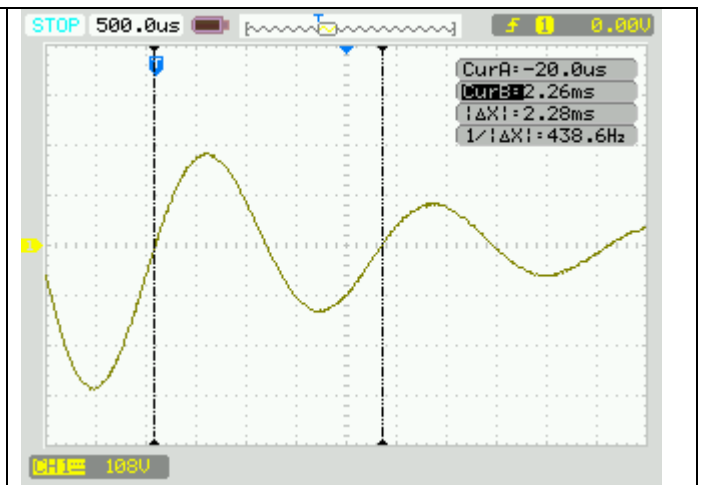
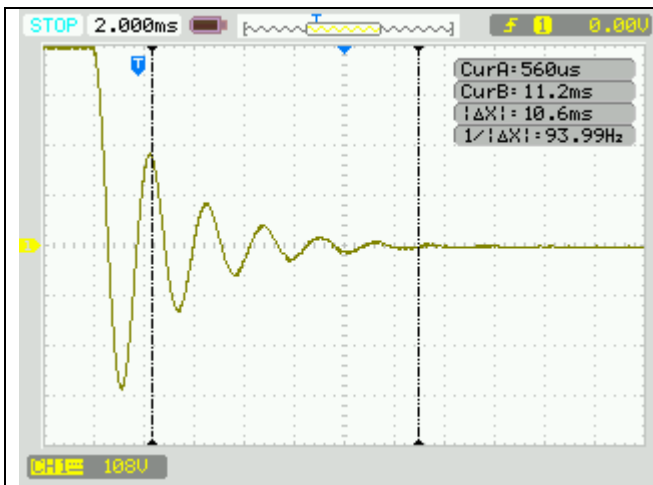


2014-11-21 ELECTRICAL COIL CONTROL REPORT

Customer : JLAB
 Date: 21/11/2014
 ΣΦ reference : 317111
 Drawing : 317111-JLA-0200-001 rev G
 Revision : B

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

UNI T	REQUI RED	RESULT	Date Initial	ACTIO N
After moulding (without mandrei) before brazing				
Ring test at 432V (2.17V/turn) and damping coefficient	/	403	AL 09/10/14	
Period	ms	2.28	AL 09/10/14	
DC resistance value at 20° C (100mA)	mΩ	454.4	AL 09/10/14	
Inductance at 400hz	mH	46.06	AL 09/10/14	

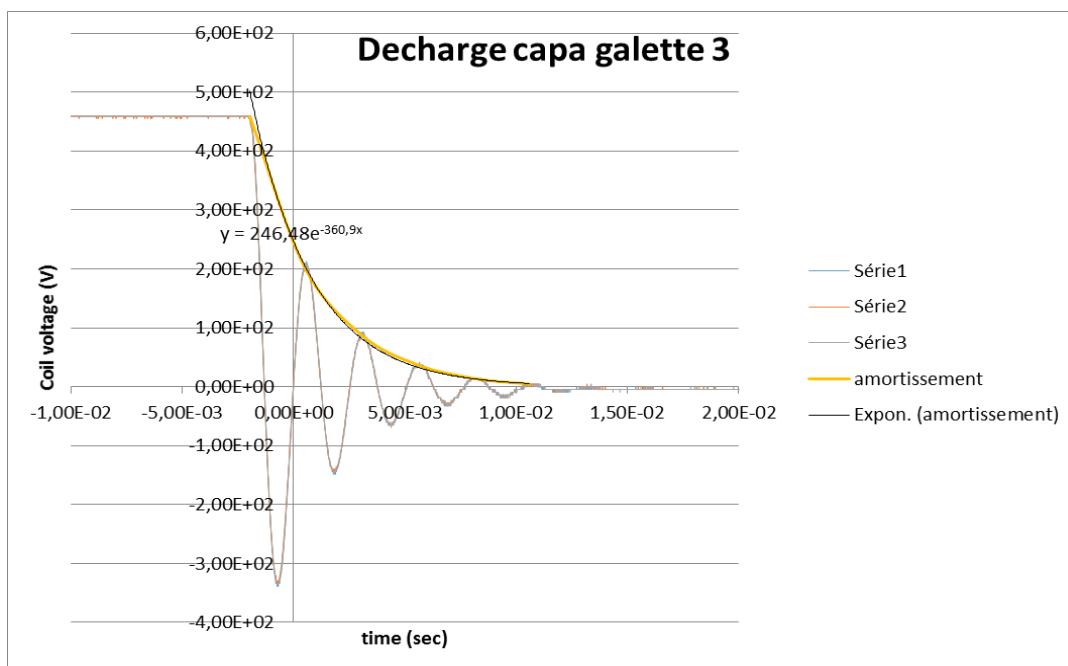
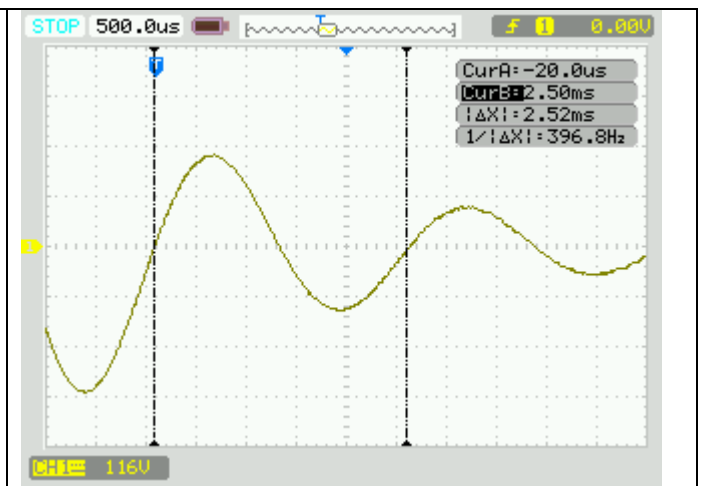
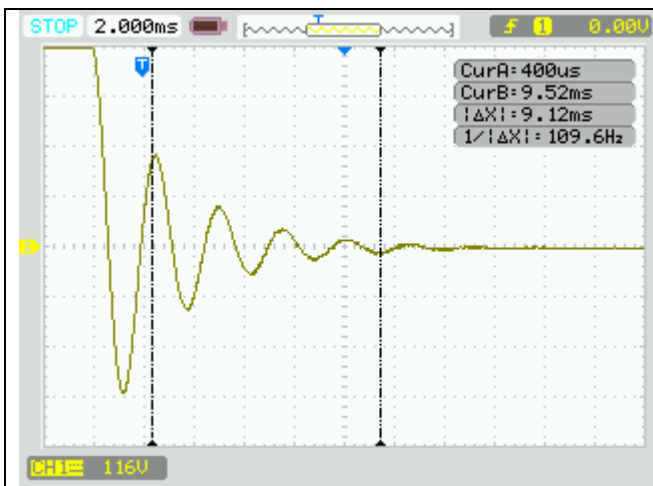


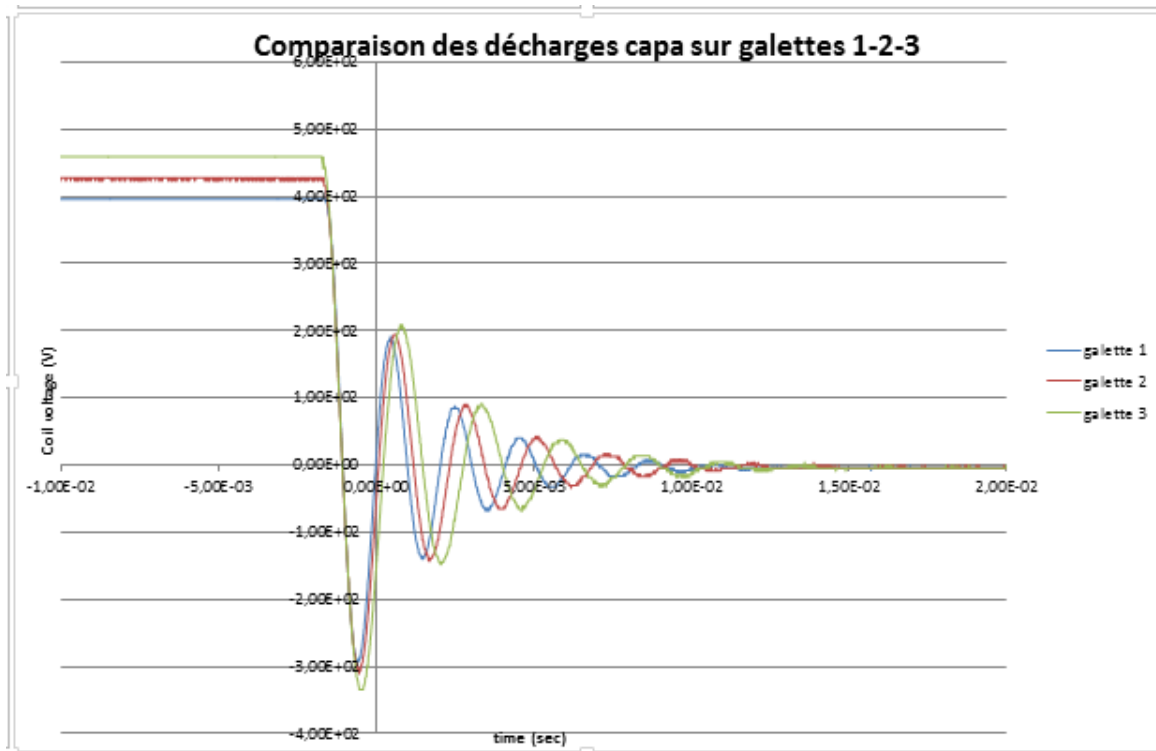
2014-11-21 ELECTRICAL COIL CONTROL REPORT

Customer : JLAB
Date: 21/11/2014
ΣΦ reference : 317111
Drawing : 317111-JLA-0200-001 rev G
Revision : B

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

	UNI T	REQUI RED	RESULT	Date Initial	ACTIO N
After moulding (without mandrei) before brazing					
Ring test at 465V (2.17V/turn) and damping coefficient	/		361	AL 09/10/14	
Period	ms		2.52	AL 09/10/14	
DC resistance value at 20° C (100mA)	mΩ		501.1	AL 09/10/14	
Inductance at 400hz	mH		52.13	AL 09/10/14	





	UNIT	REQUIREMENT	RESULT	Date Initial	ACTION
After moulding (without mandrei)					
Insulation resistance during 1mn at 500 Vdc between GD n°1 and GD n°2	Ω	≥ 1.10 ⁶	139 GΩ	AL 09/10/14	
Insulation resistance during 1mn at 500 Vdc between GD n°2 and GD n°3	Ω	≥ 1.10 ⁶	74.4 GΩ	AL 09/10/14	
Insulation resistance during 1mn at 1500 Vdc between GD n°1 and GD n°2	Ω	≥ 1.10 ⁶	Not possible the brazing is done		
Insulation resistance during 1mn at 1500 Vdc between GD n°1/GD n°2 and GD n°3	Ω	≥ 1.10 ⁶	133 GΩ	AJ 24/11/14	
Dielectric test during 1mn at 1500Vdc between GD n°1/GD n° 2 and GD n°3	/	OK	OK I=11.5nA	AJ 24/11/14	
Insulation resistance during 1mn at 1500 Vdc between GD n°1/GD n°2 and all the spacers	Ω	≥ 1.10 ⁶	54.8 GΩ	AJ 24/11/14	
Dielectric test during 1mn at 1500Vdc between GD n°1/GD n° 2 and all the spacers	/	OK	OK I=28nA	AJ 24/11/14	
Insulation resistance during 1mn at 1500 Vdc between GD n°3 and all the spacers	Ω	≥ 1.10 ⁶	117 GΩ	AJ 24/11/14	
Dielectric test during 1mn at 1500Vdc between GD n°3 and all the spacers	/	OK	OK I=13.1nA	AJ 24/11/14	

For the ring test and the period :

Nécessité de lever la bobine à 1 mètre du sol pour les mesures

Les machines autour doivent être éteintes, et aucune partie métallique à moins d'un mètre de la bobine.

Put the coil at 1 meter from the ground.

The machine around the test area must be switched off and no metal parts one meter around the coil.

For the inductance test:

Nécessité de faire chauffer l'inductancemètre (utilisation de celui affecté au local pulsé) 1 heure avant de commencer les mesures car sinon mesures non stables.

Nécessité de lever la bobine à 1 mètre du sol pour les mesures avec l'inductancemètre (sinon les mesures sont parasités).

Les machines autour doivent être éteintes, et aucune partie métallique à moins d'un mètre de la bobine.

Switch on the inductancemeter 1 hour before the measure.

Put the coil at 1 meter from the ground.

The machine around the test area must be switch off and no metal parts one meter around the coil.

