

Infonote

AO-IN-2026-005-I

Introduction of additional production location for OSLON Signal

01.04.2026

Dear Customer,

please take note of this **Infonote**.

This customer notification is for information only and does not require customer approval.

Objective:	Introduction of additional production location for OSRON Signal	
Affected products:	Lx(B/J/T/V/UW/CB/CY) CRBP.01	
Reason for change:	Improve global supply resilience and add additional capacity	
	<u>Current status</u>	<u>New status</u>
Description of change:	Production Location: <ul style="list-style-type: none">• China	Production Locations: <ul style="list-style-type: none">• China• Malaysia
Time schedule:	June 2026	
Assessment:	No Change in fit, form, function and reliability	
Documentation:	2_qual_AO-IN-2026-005-I 3_qual_AO-IN-2026-005-I	

Qualification Report 260064C1

Subject	Qualification report for OSRON Signal LJ CRBP.01 evaluating the additional production location in Malaysia
Date	17.03.2026
Tested device	LJ CRBP.01
Brand (including sub brands)	OSRON Signal
Applies to	LJ CRBP.01

Pre-conditioning according to Jedec Level 2

Test Performed	Condition	Duration	Sample Size	Failures		
				EI.	Opt.	Vis
Low Temperature Operating Life LTOL	<i>JESD22-A108</i> $T_A = -40^{\circ}\text{C}$ $I_F = 1000\text{mA}$	1000h	4x30	0	0	0
High Temperature Operating Life HTOL	<i>JESD22-A108</i> $T_A = 100^{\circ}\text{C}$ $I_F = 1000\text{mA}$	1000h	4x30	0	0	0
High Temperature Operating Life HTOL	<i>JESD22-A108</i> $T_A = 125^{\circ}\text{C}$ $I_F = 600\text{mA}$	1000h	4x30	0	0	0
Wet High Temperature Operating Life WHTOL	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 90% $I_F = 30\text{mA}$	1000h	4x30	0	0	0
Wet High Temperature Operating Life WHTOL	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 90% $I_F = 1000\text{mA}$	1000h	4x30	0	0	0
Pulse life test PLT	<i>JESD22-A108</i> $T_A = 55^{\circ}\text{C}$ $I_F = 2000\text{mA}$ $t_p = 0.1\text{ms}; D = 12.5\%$	1000h	4x30	0	0	0
Temperature Storage HTS	<i>JESD22-A103</i> $T_A = 125^{\circ}\text{C}$	1000h	4x30	0	0	0
Wet High Temperature Storage WHTS	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 90%	1000h	4x30	0	0	0
Temperature cycle TC	<i>JESD22-A104</i> $T_A = -40^{\circ}\text{C}/+125^{\circ}\text{C}$ 15min each extreme	1000c	4x30	0	0	0
Electrostatic Discharge HBM	<i>ANSI/ESDA/ JEDEC JS-001</i> Human Body Model	8000V	4x30	0	0	0
Damp heat cyclic	<i>IEC 60068-2-30</i> $T_{A,\text{min}} = 25^{\circ}\text{C}; T_{A,\text{max}} = 65^{\circ}\text{C}$ r.H.= 90% $I_F = 30\text{mA}$	10c	4x30	0	0	0

Note: Lot A control lot (China), Lot B-D evaluation lot (Malaysia)

Failure criteria:

Electrical failures:	Vf (If =350mA)	> 2.35V; \pm 10% from initial value
Optical failures:	Φ_v (If =350mA) Ldom (If =350mA)	> \pm 30% from initial value \pm 2nm from initial value
Visual failures:	acc JEDEC JESD22-B101	

Conclusion: The tested device fulfills the reliability requirements.

Disclaimer

PLEASE CAREFULLY READ THE BELOW TERMS AND CONDITIONS BEFORE USING THE INFORMATION.
IF YOU DO NOT AGREE WITH ANY OF THESE TERMS AND CONDITIONS, DO NOT USE THE INFORMATION.

The Information contained in this Document does not constitute an independent warranty. The committed behavior is described in the Product data sheet and/or further, mutually agreed specifications.

Distribution of part or all of the contents of this Document to any 3rd party in any form without the prior permission of ams-OSRAM International GmbH is prohibited except in accordance with applicable mandatory law.

Further explanations:

Data: The Data used in this Document consider the reliability test results under the mentioned driving conditions only. For Product information on the maximum operating conditions and the OSRAM standard qualification profile please refer to the Product data sheet or contact your local sales partner.

Conditions: The conditions for the generation of the Data are as follows:

1. The Data and curves shown in this Document are based on experiments carried out under laboratory conditions on a random sample size of LED/IRED/Laser/Detector with readouts at discrete readout times (where applicable). Thus, the Data above represent a limited number of production lots only and may differ between different assembly lots over time (including chip or package changes). Thus, the behavior of the LED/IRED/Laser/Detector in the final application may differ from the Data. The behavior of the LED/IRED/Laser/Detector at conditions or readout times deviating from those stated above may not be deduced from the Data.

2. If applicable:

a) Extended driving conditions:

The tested driving conditions exceed the maximum limits stated in the Product data sheet. Therefore, a reduced lifetime or an accelerated degradation is expected. Failure limits noted in the Document refer to the testing condition according to the OSRAM standard Product qualification profile and not to the actual testing condition.

b) Extended testing duration:

The testing duration exceed the OSRAM standard qualification profile of the mentioned Product. Failure limits noted in the Document refer to the testing duration according to the OSRAM standard Product qualification profile and not to the actual testing duration.

c) Exceeding standard qualification conditions – (Product data sheet limits not affected):

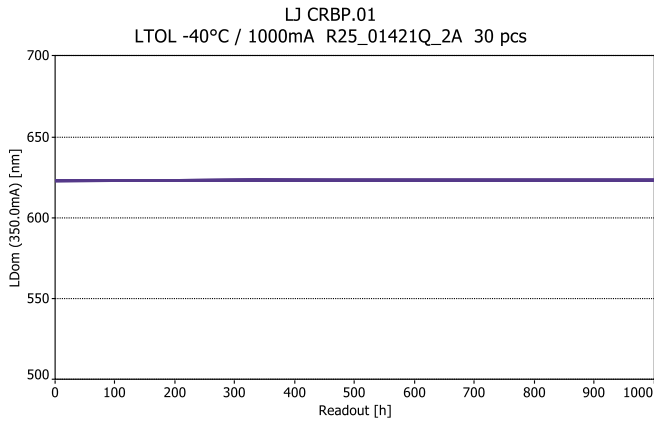
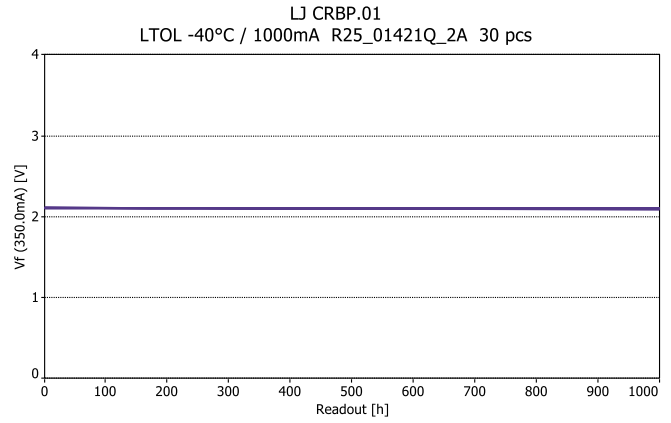
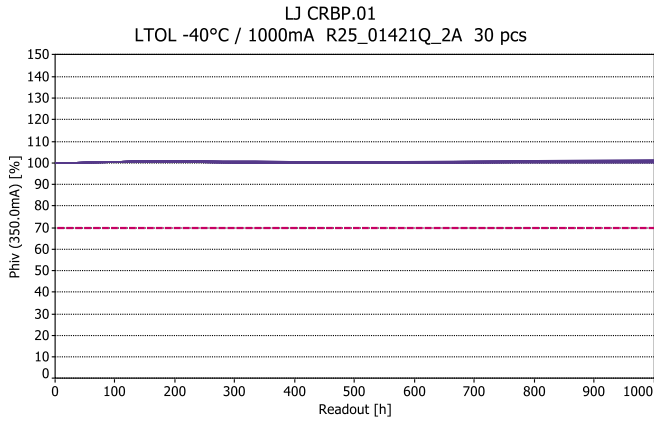
The tested driving conditions exceed the OSRAM standard qualification profile of the mentioned Product. Therefore a reduced lifetime or an accelerated degradation is expected. Failure limits noted in the Document refer to the testing condition according to the OSRAM standard Product qualification profile and not to the actual testing condition.

3. For long term operation additional failure modes of the chip or package can occur which are not shown in this Document.

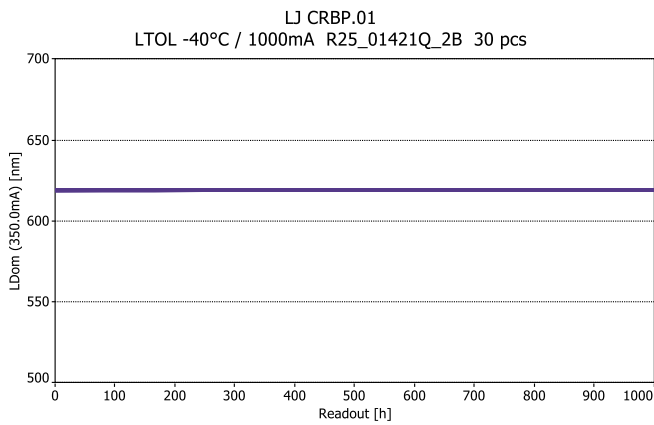
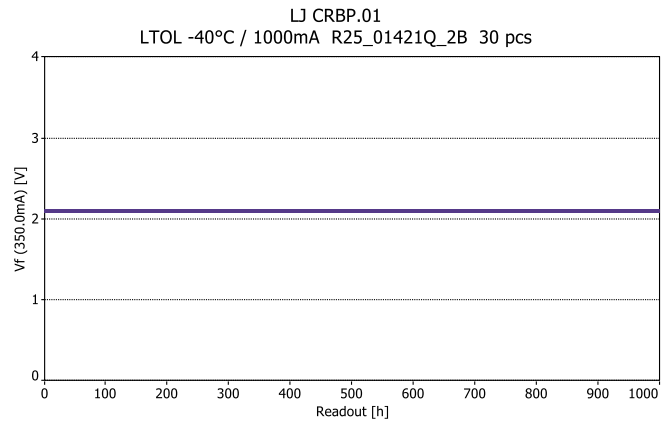
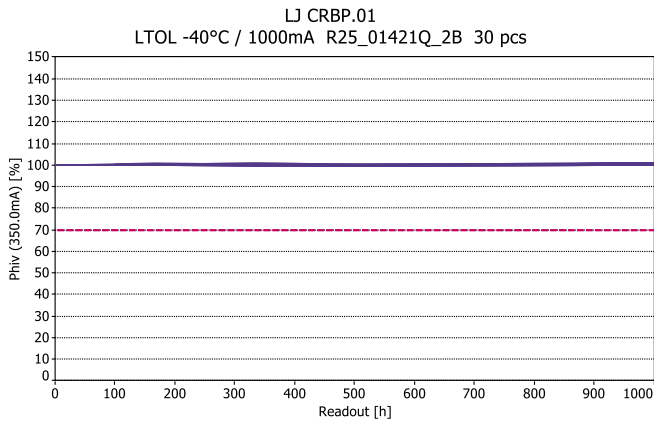
4. Possible differences in the thermal management of OSRAM and customer's setup may lead to a different aging behavior.

LTOL -40°C / 1000mA

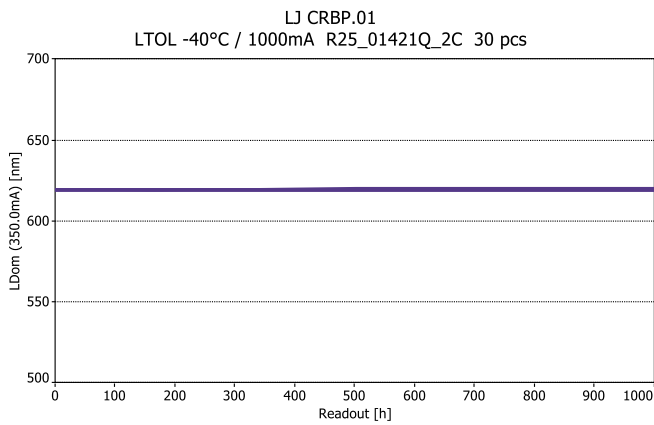
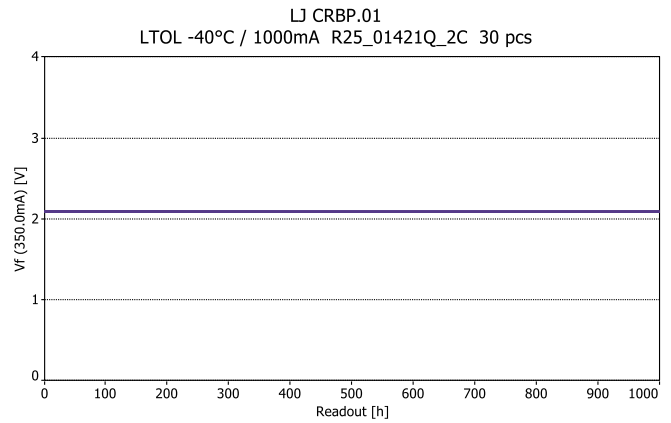
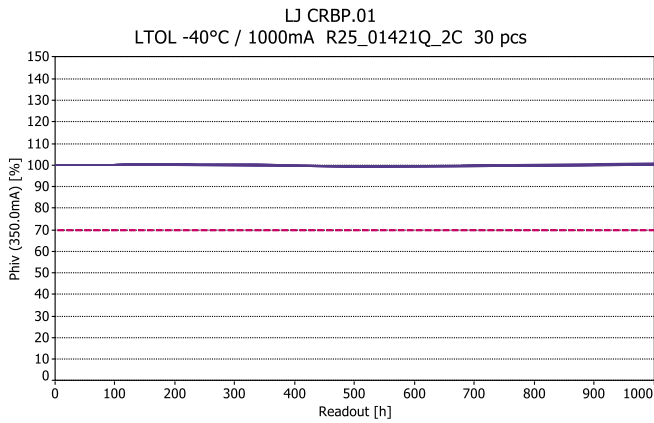
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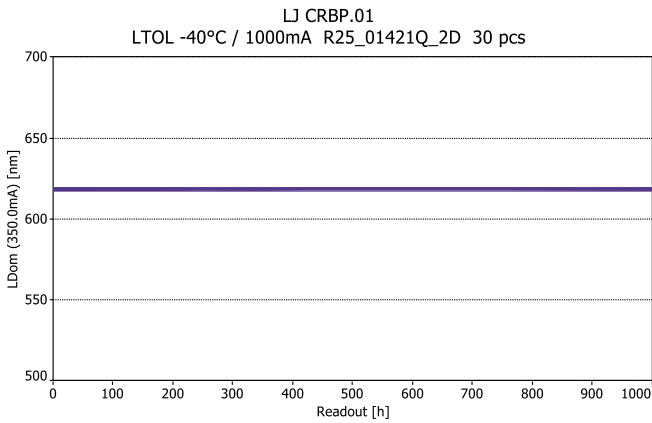
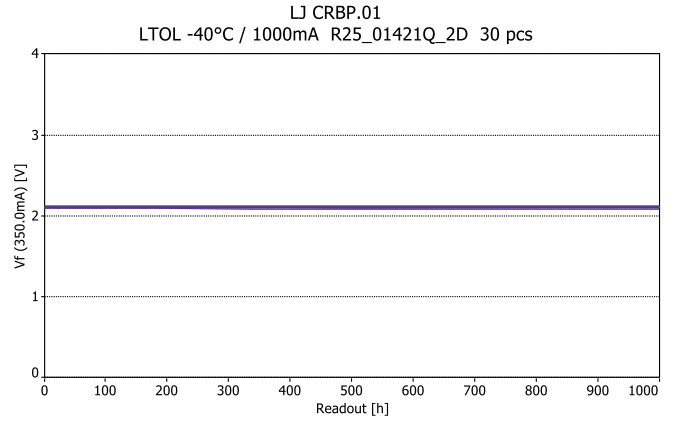
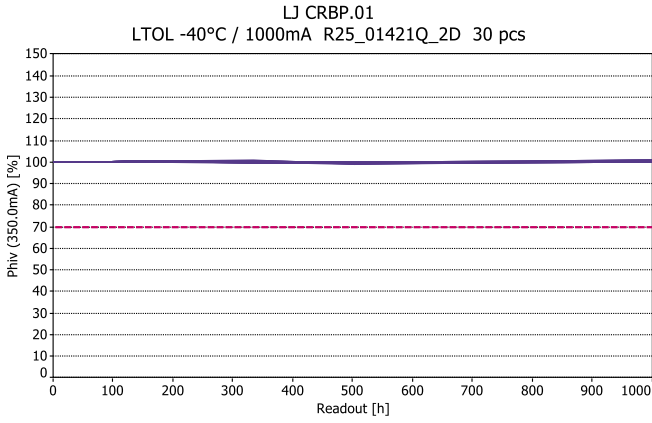
Lot B



Lot C

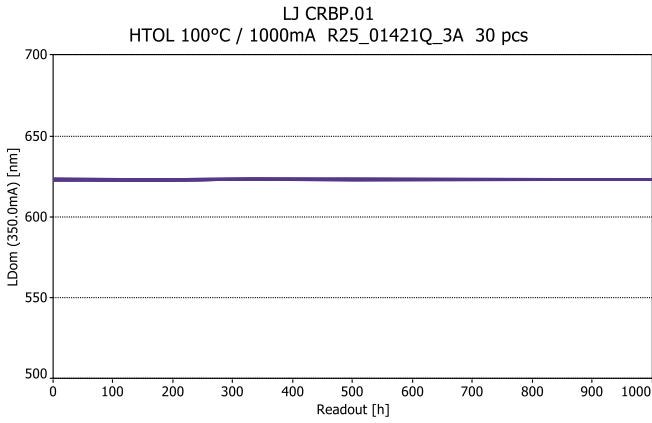
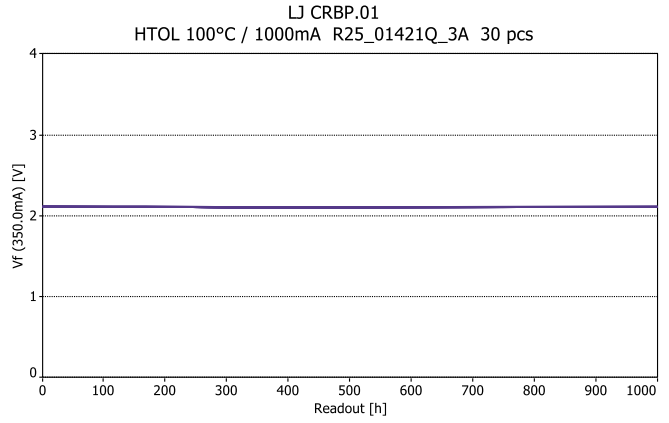
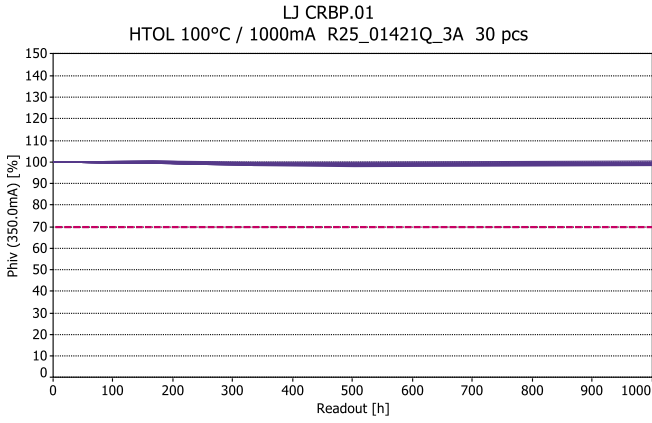


Lot D

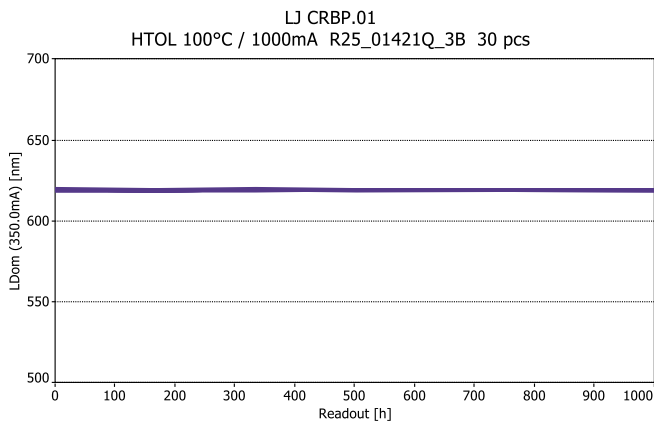
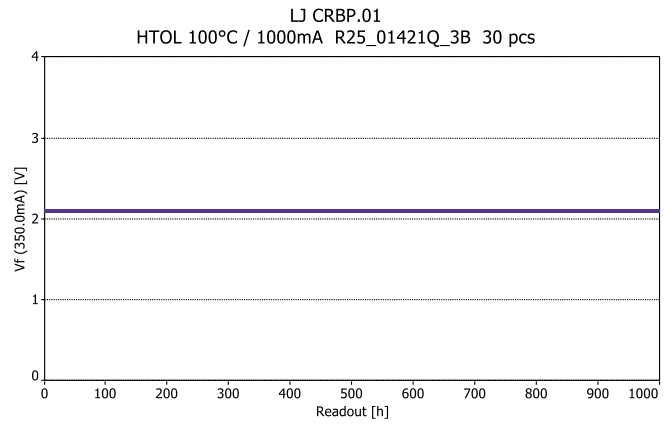
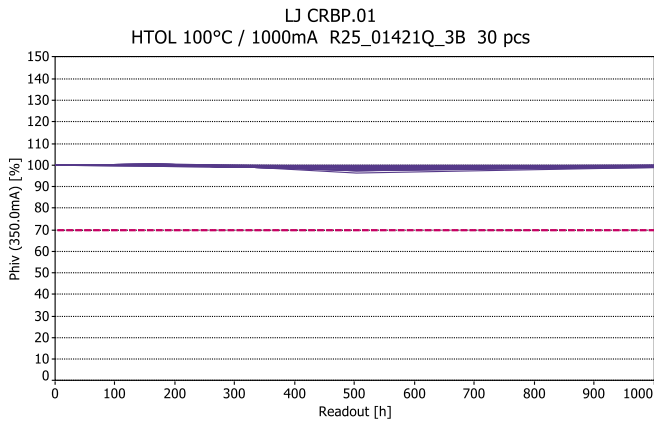


HTOL 100°C / 1000mA

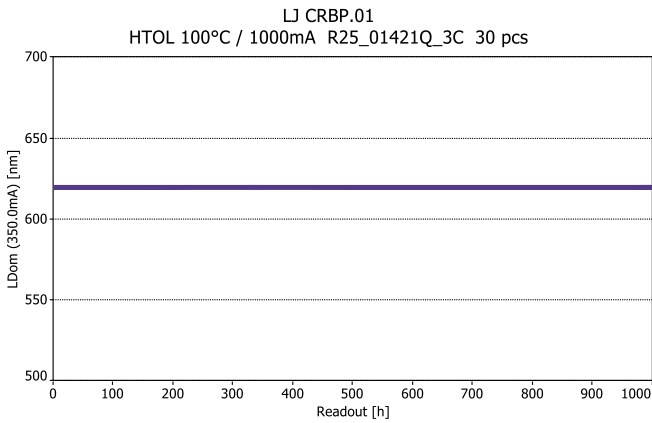
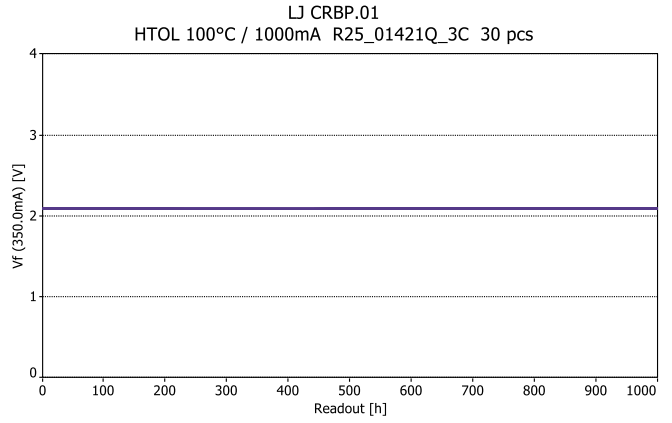
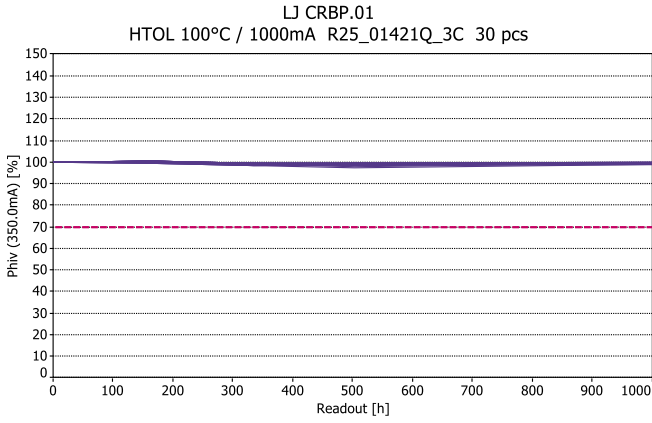
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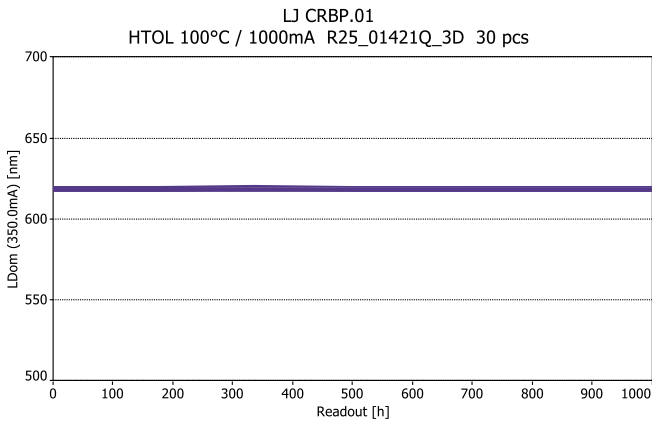
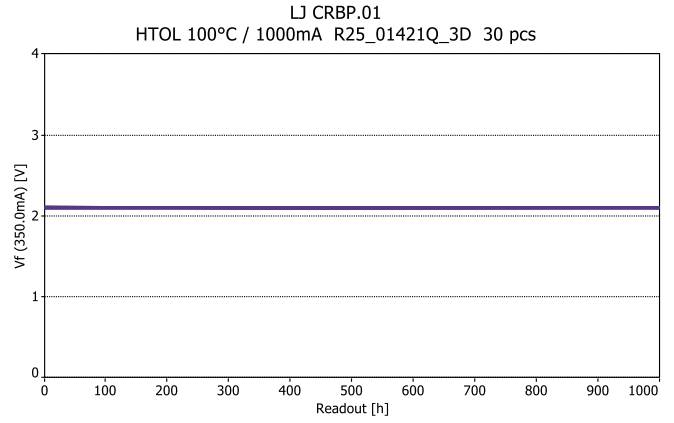
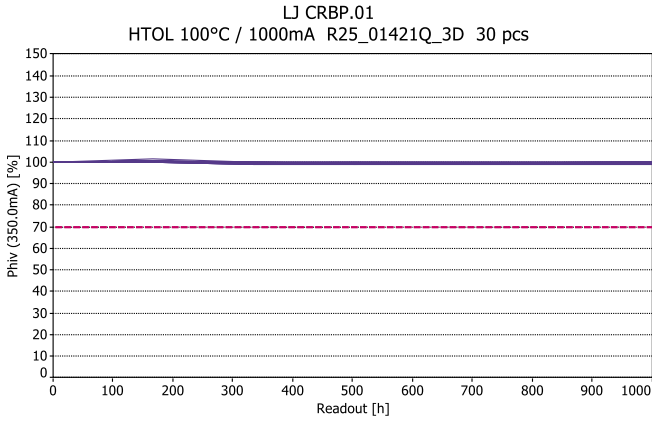
Lot B



Lot C

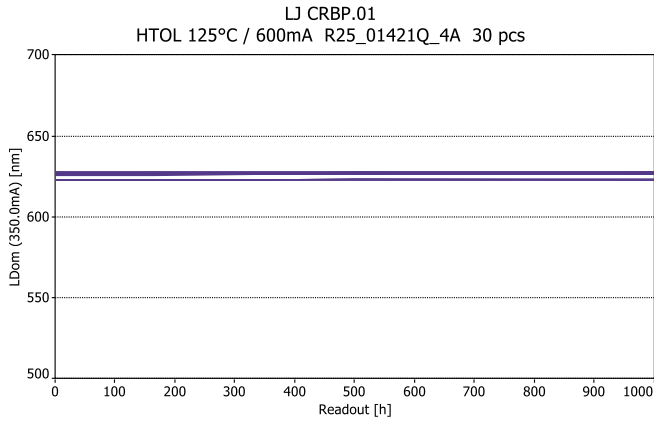
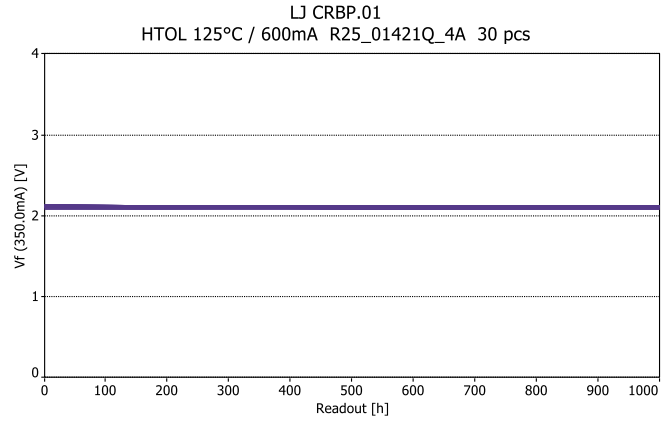
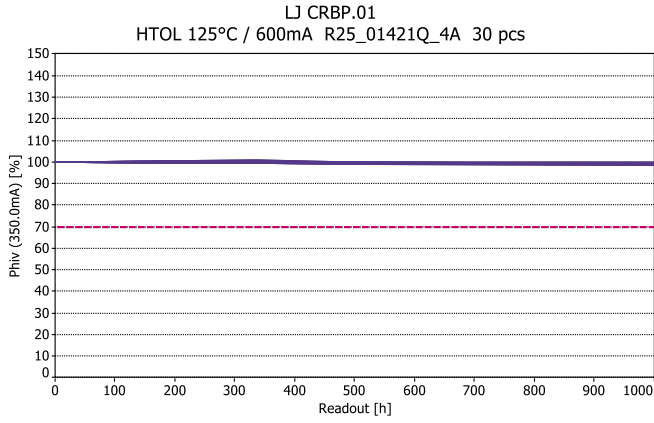


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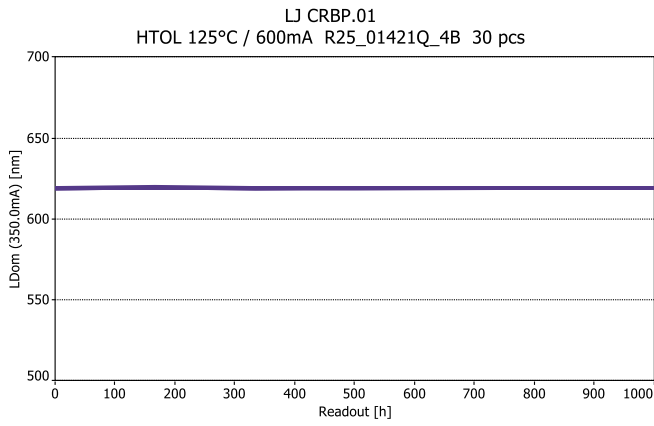
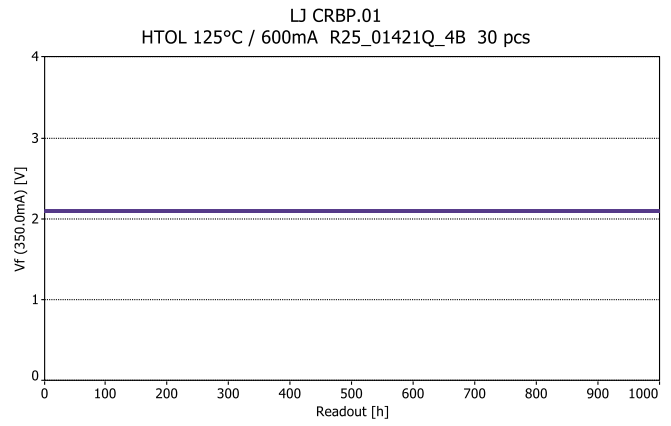
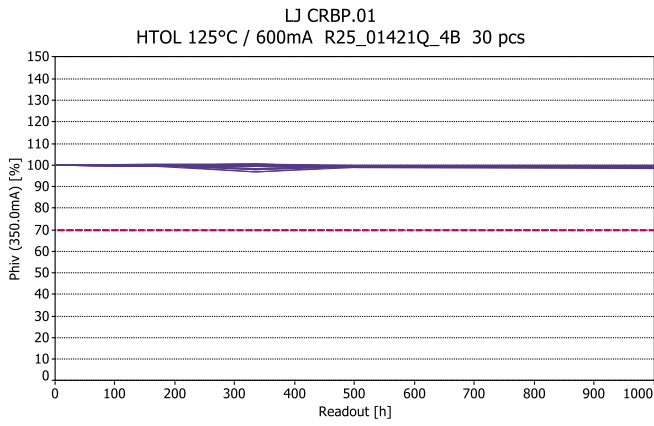


HTOL 125°C / 600mA

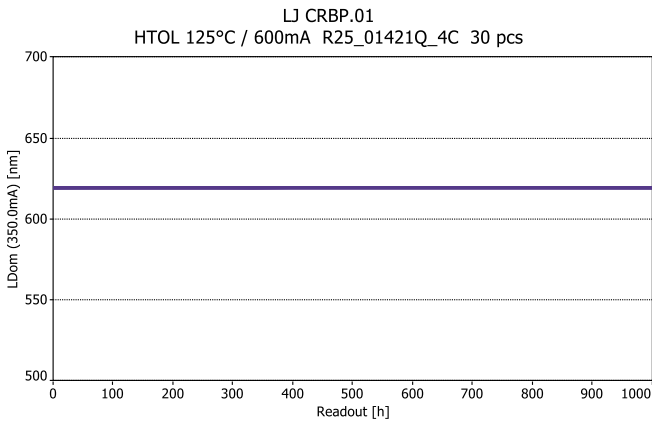
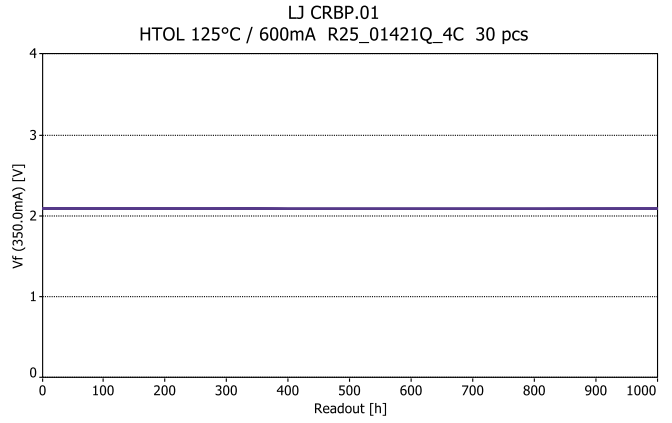
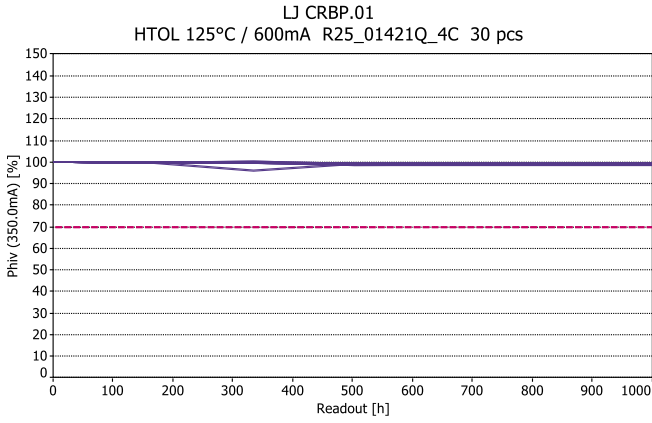
Lot A



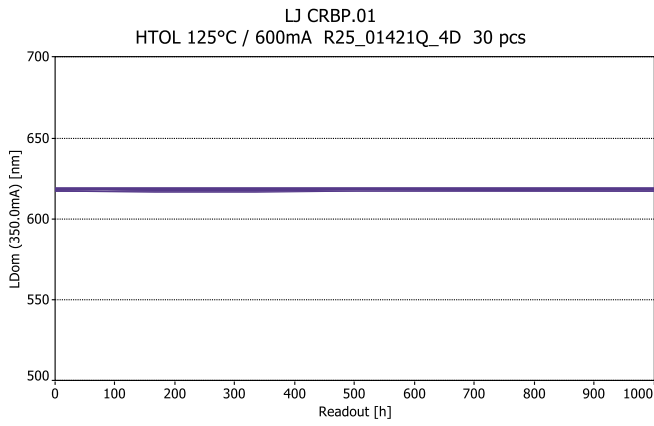
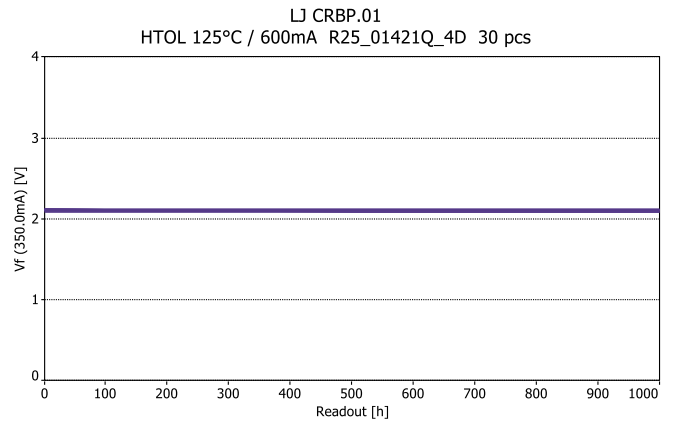
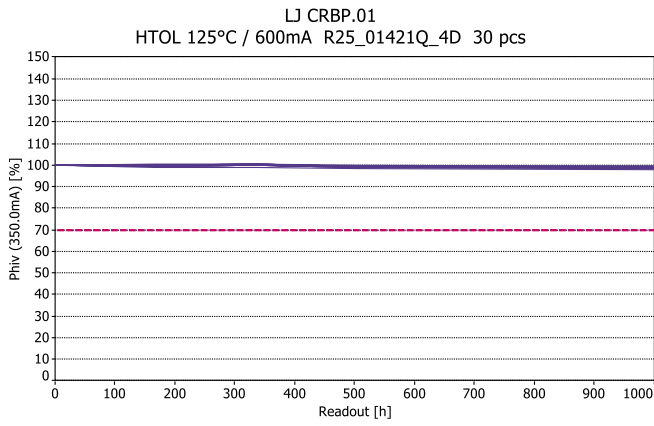
Lot B



Lot C

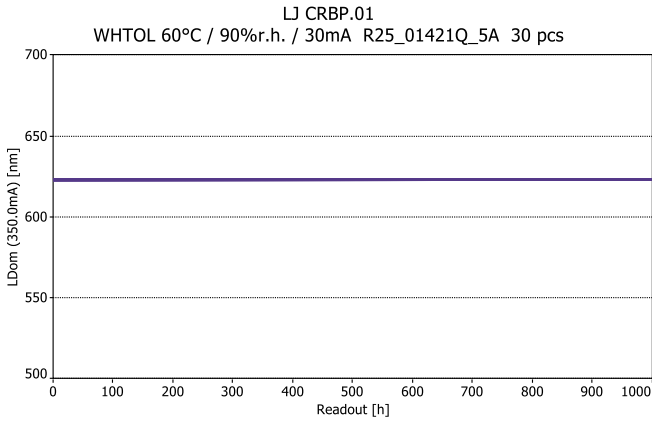
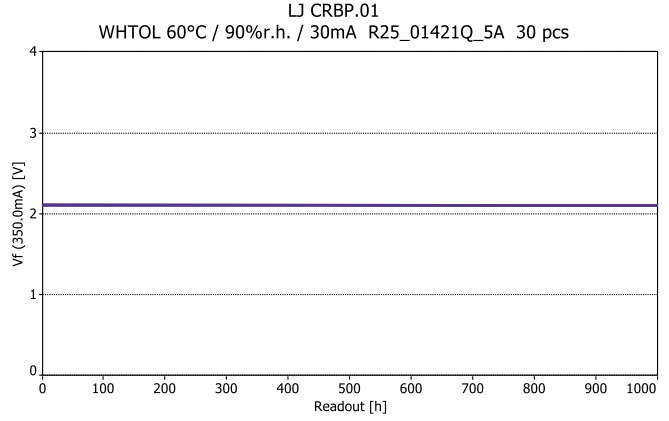
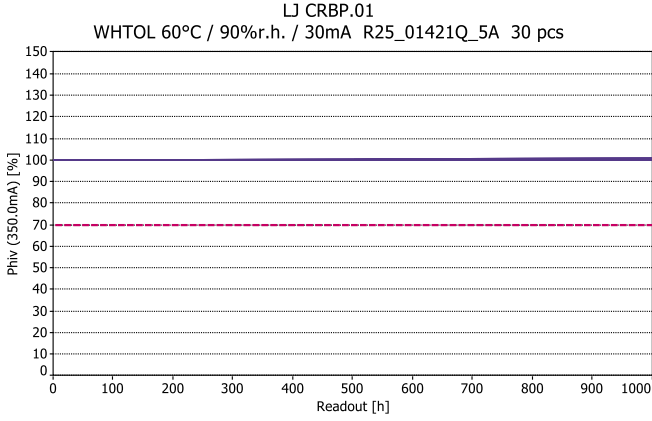


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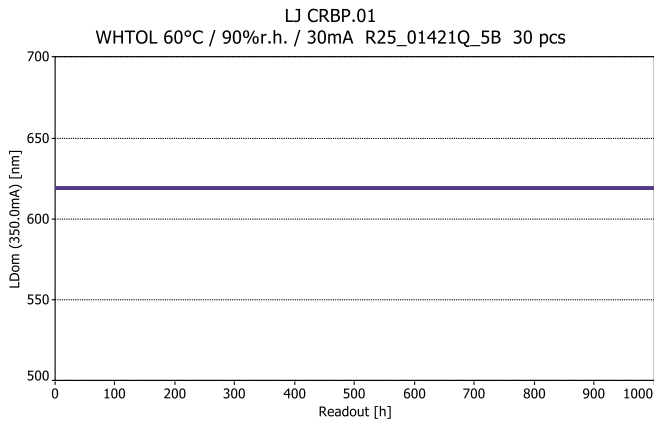
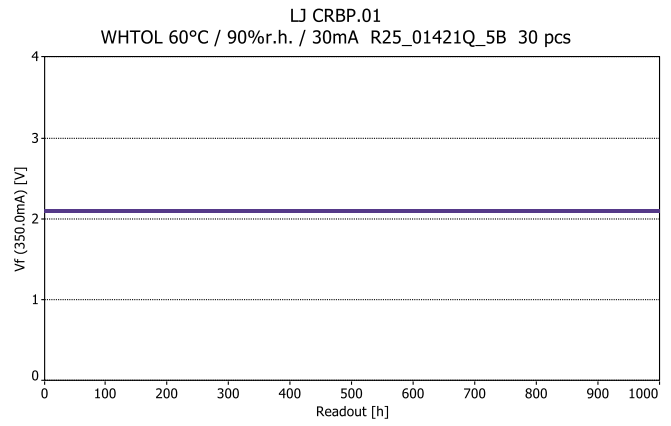
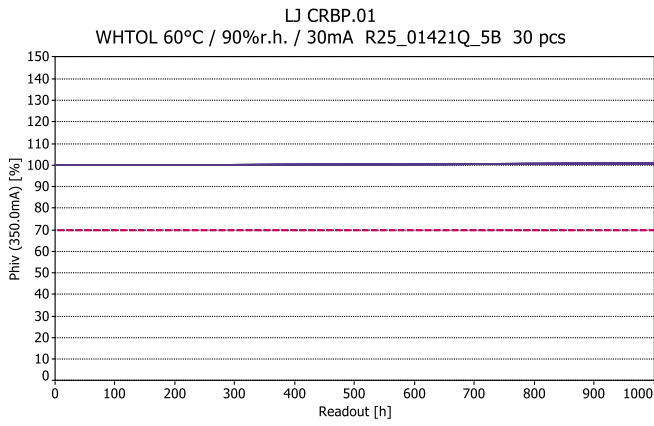


WHTOL 60°C / 90%r.h. / 30mA

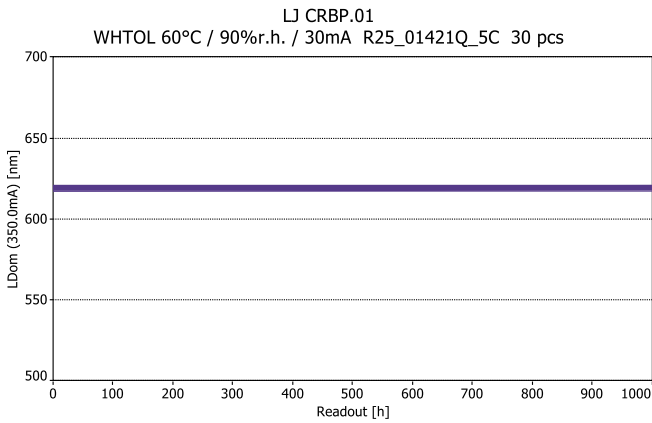
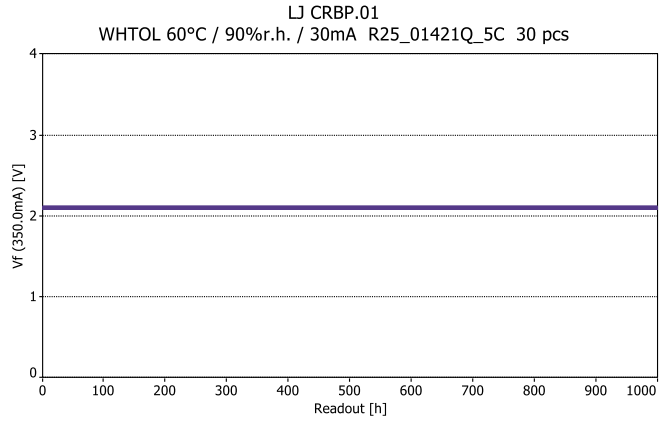
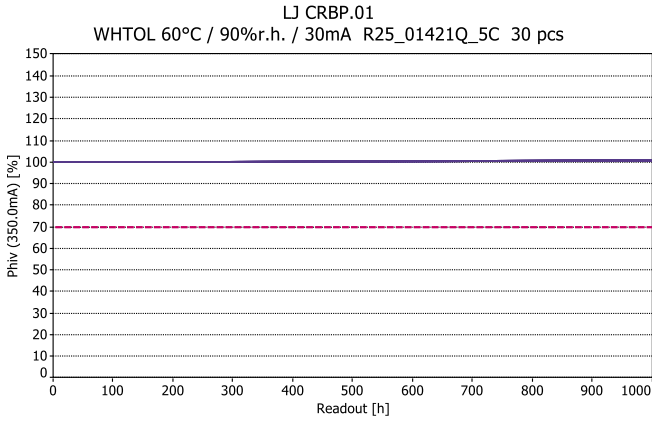
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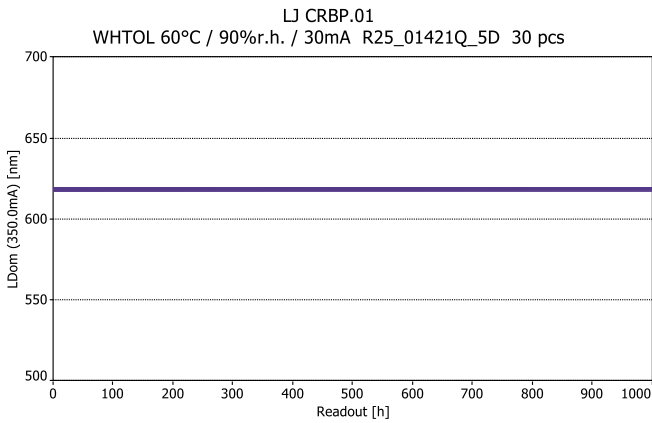
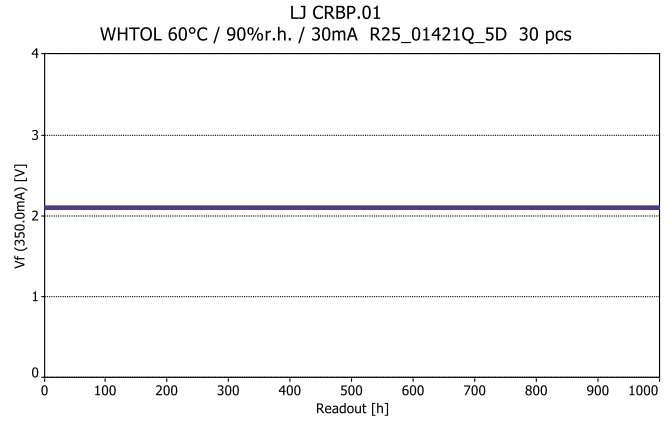
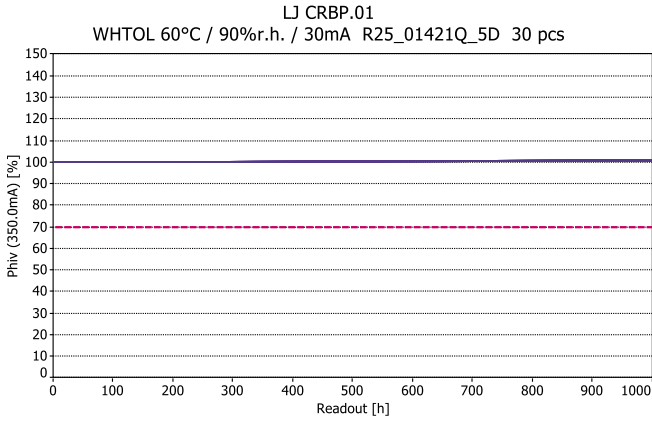
Lot B



Lot C

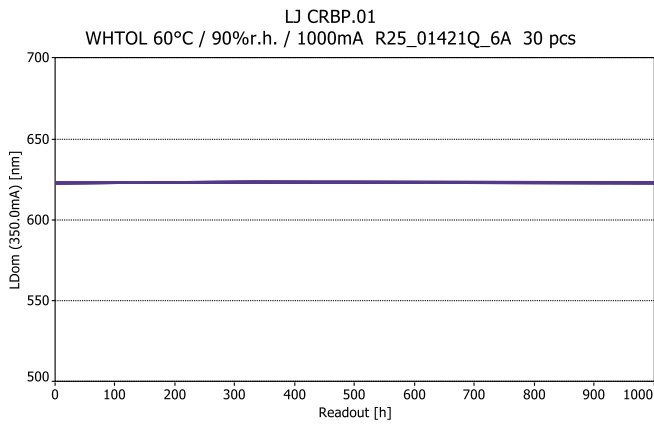
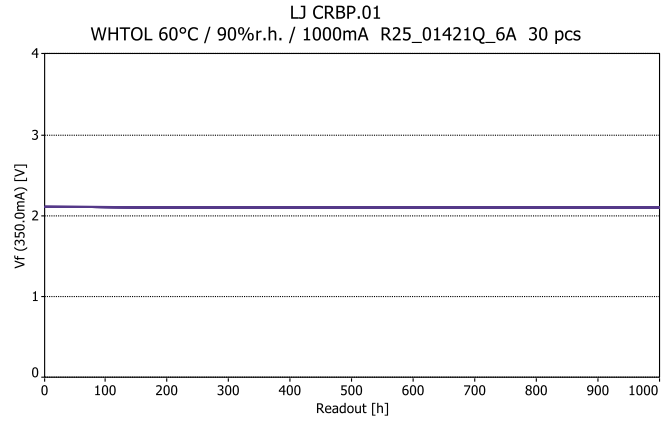
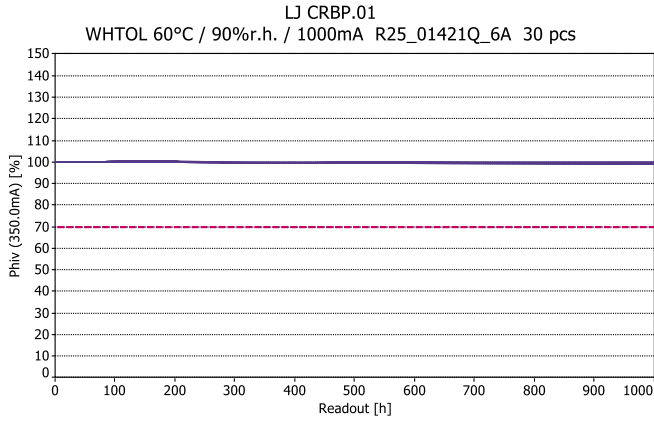


Lot D

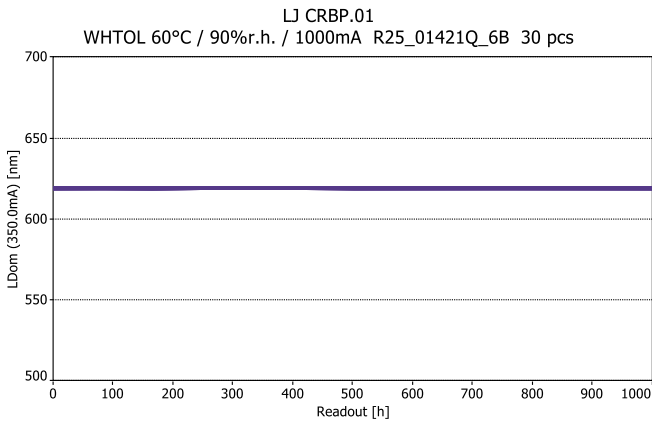
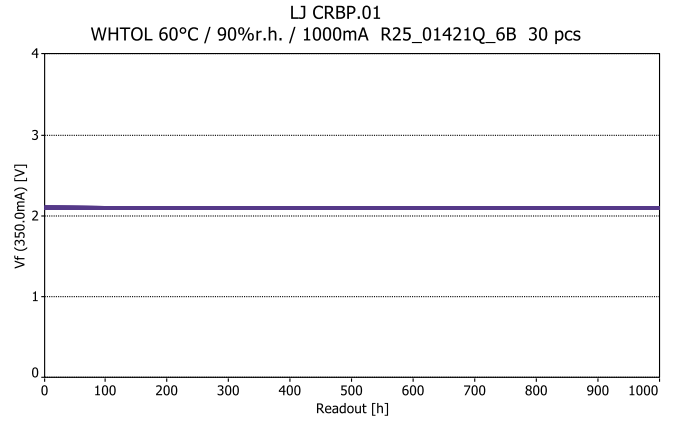
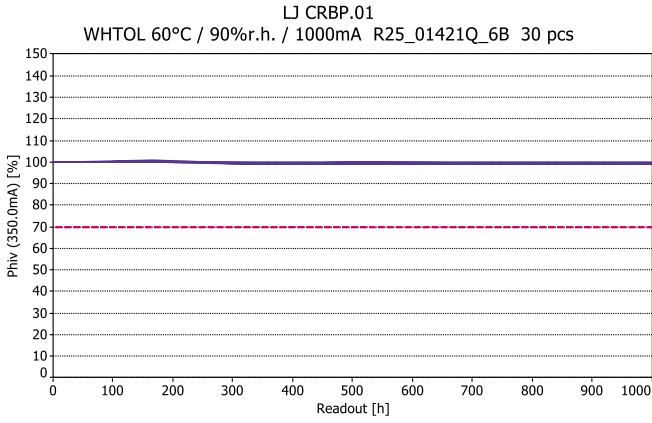


WHTOL 60°C / 90%r.h. / 1000mA

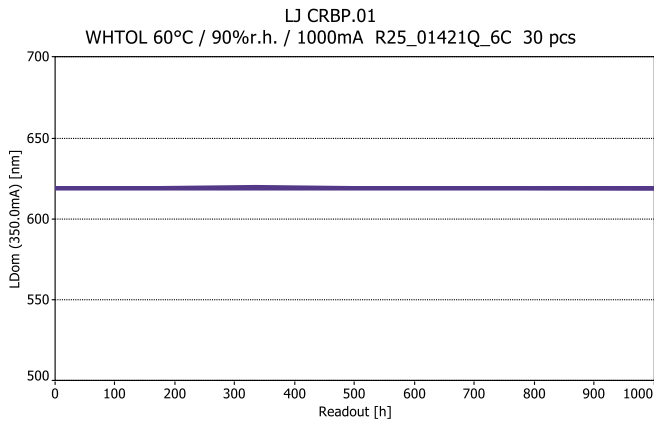
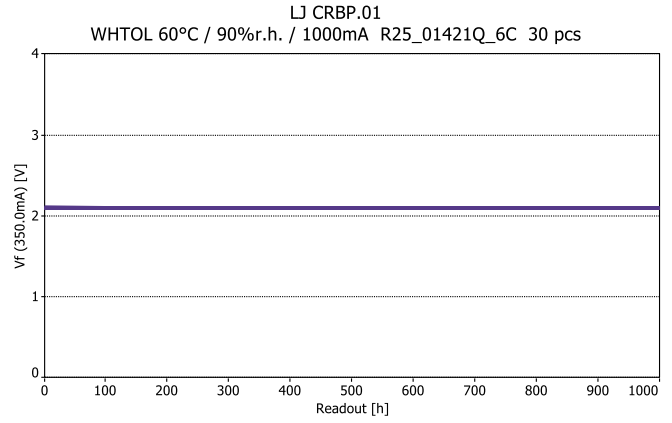
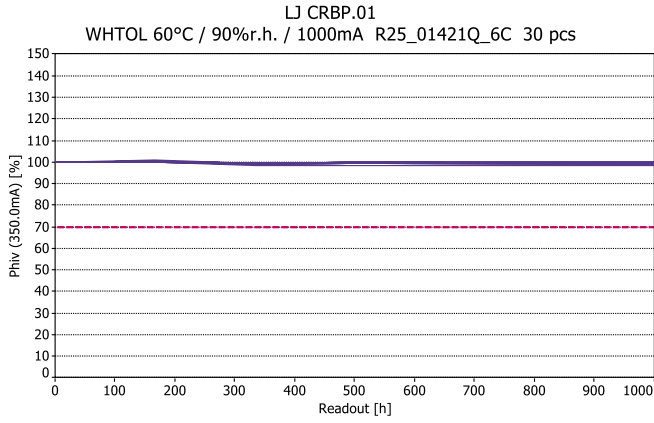
Lot A



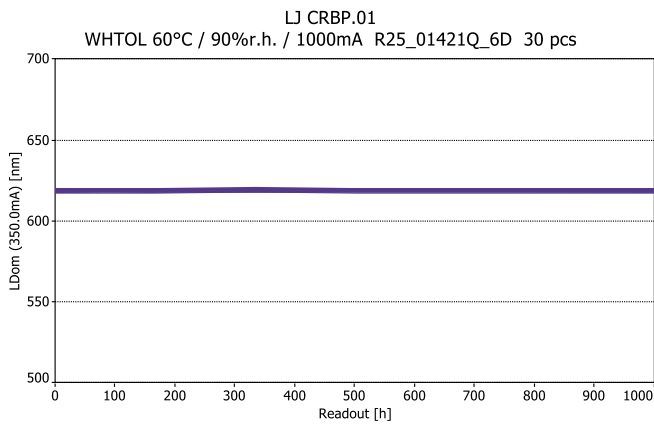
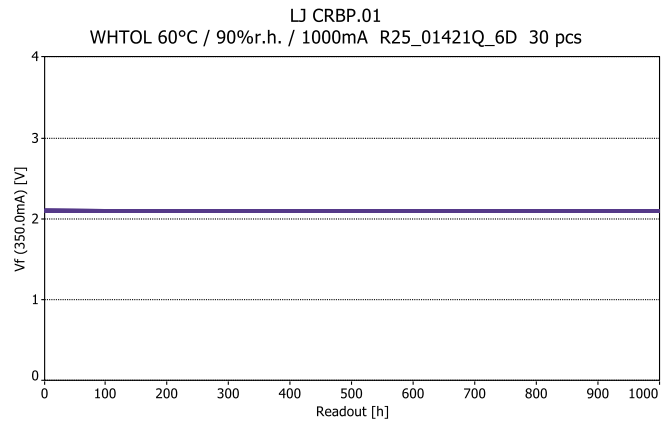
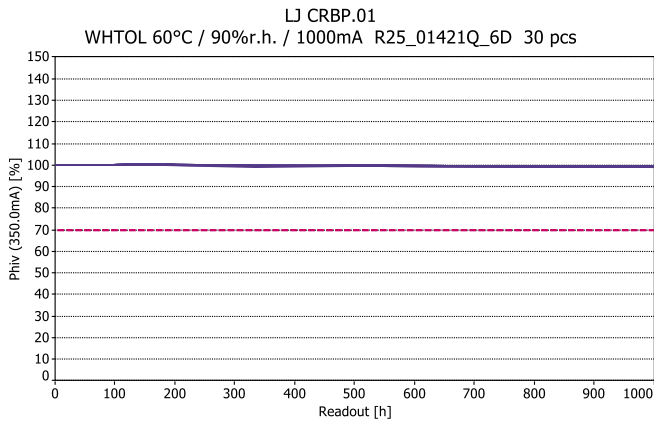
Lot B



Lot C

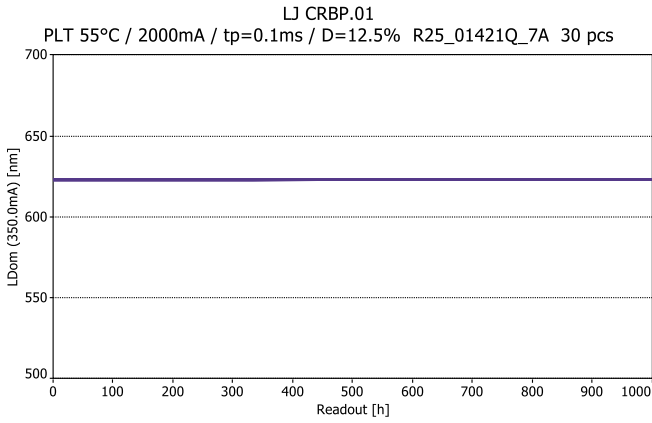
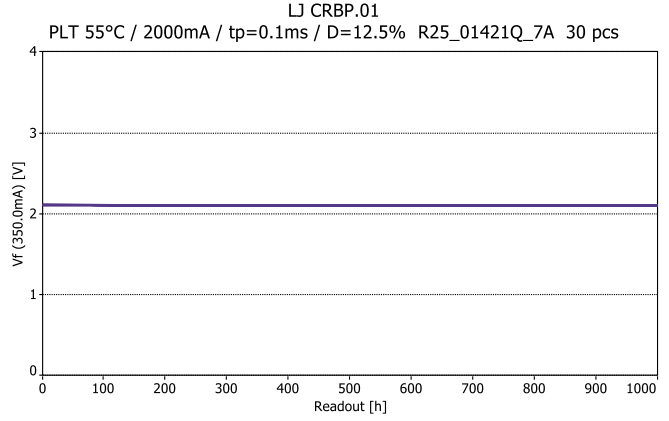
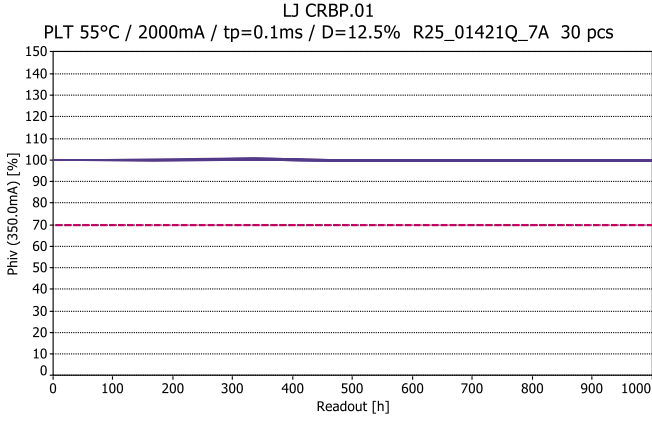


Lot D

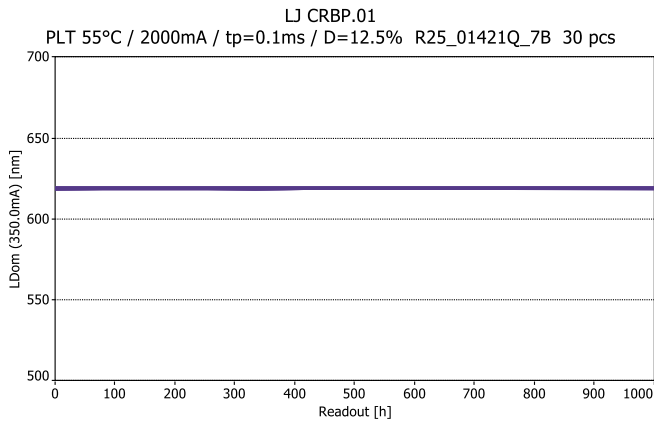
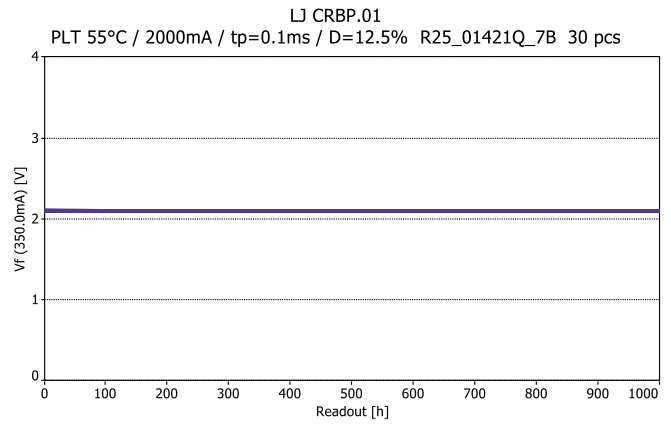
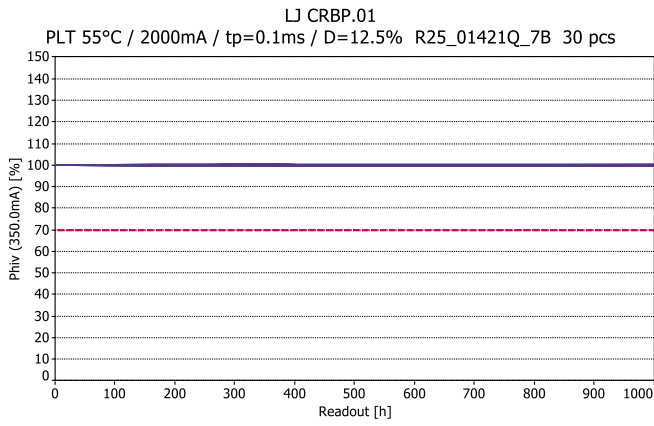


PLT 55°C / 2000mA / tp=0.1ms / D=12.5%

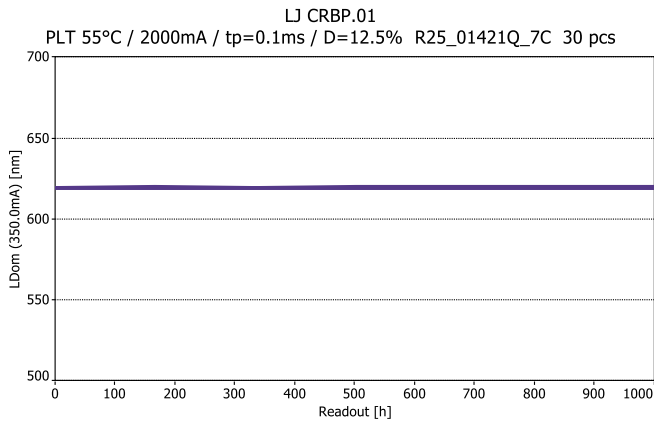
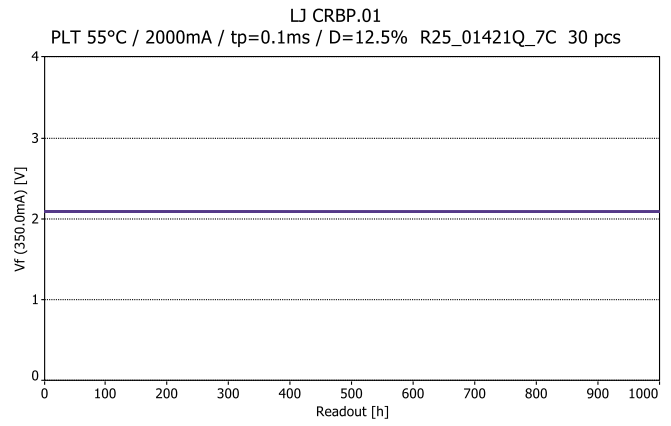
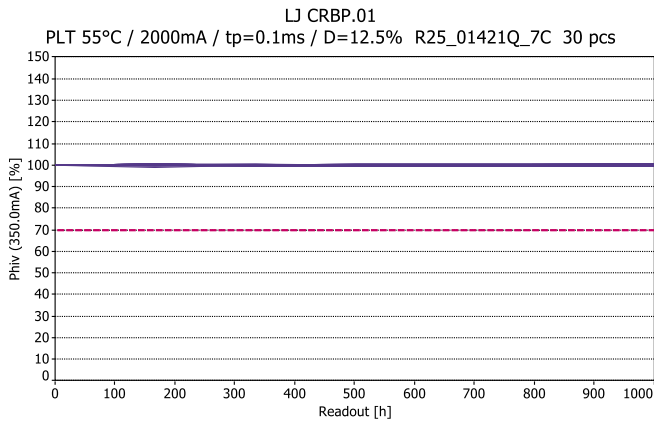
Lot A



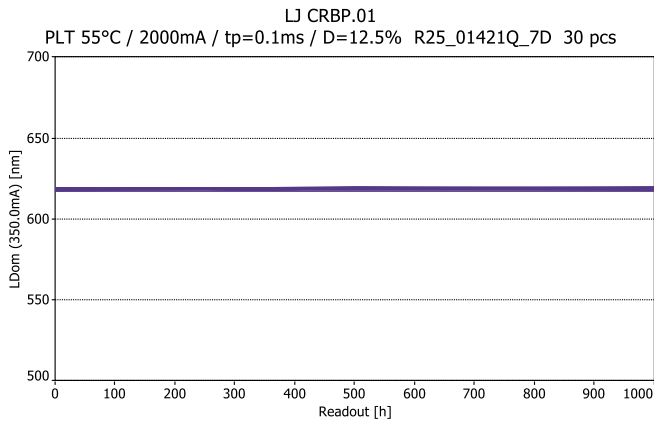
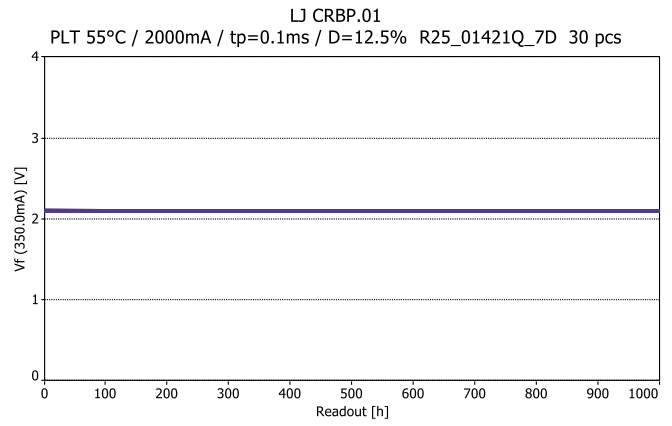
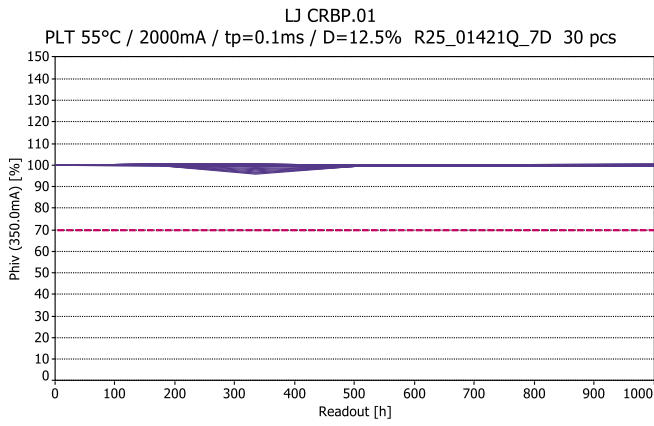
Lot B



Lot C

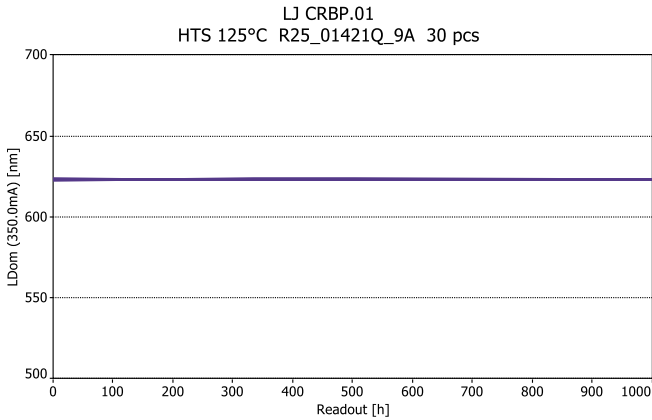
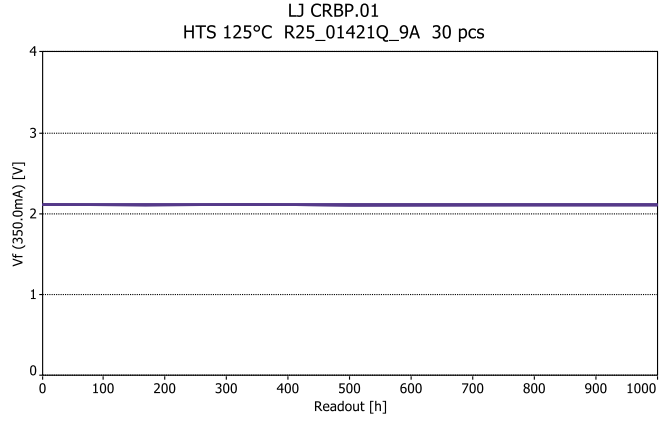
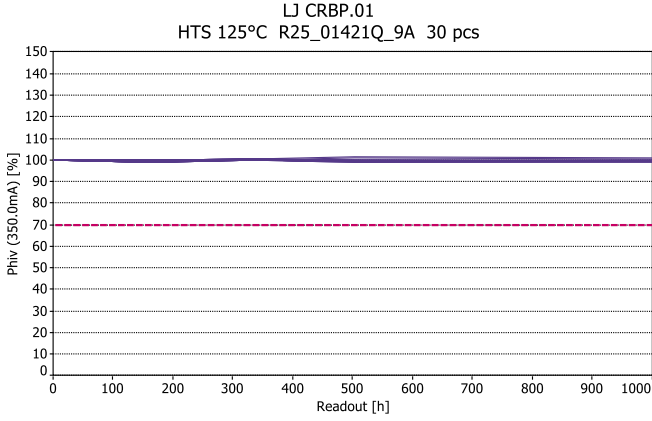


Lot D

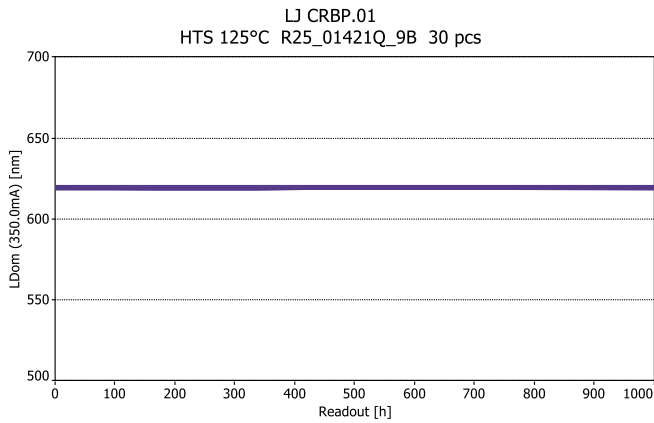
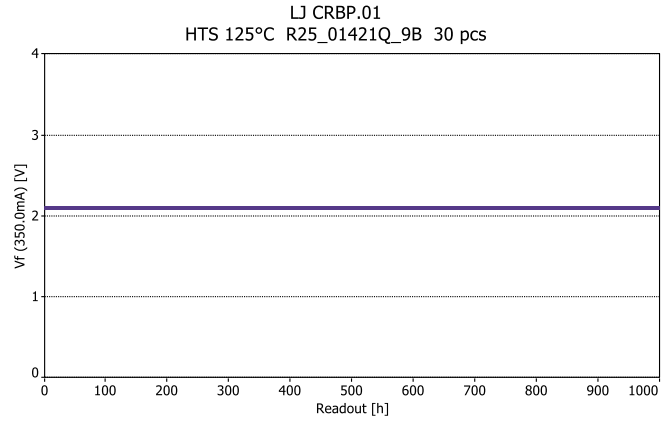
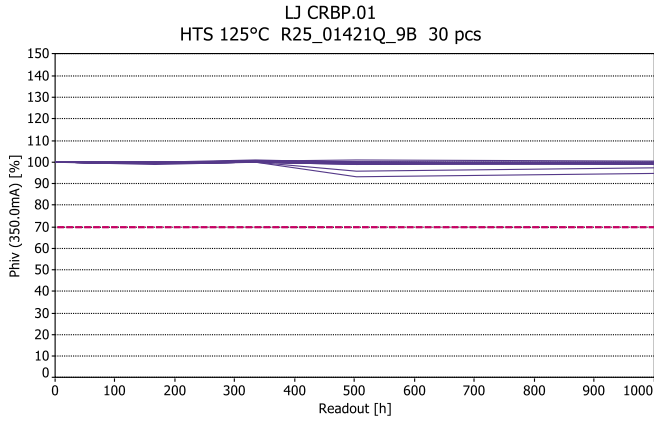


HTS 125°C

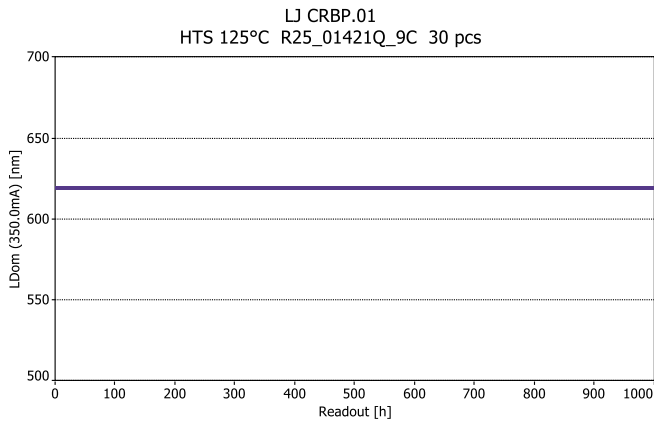
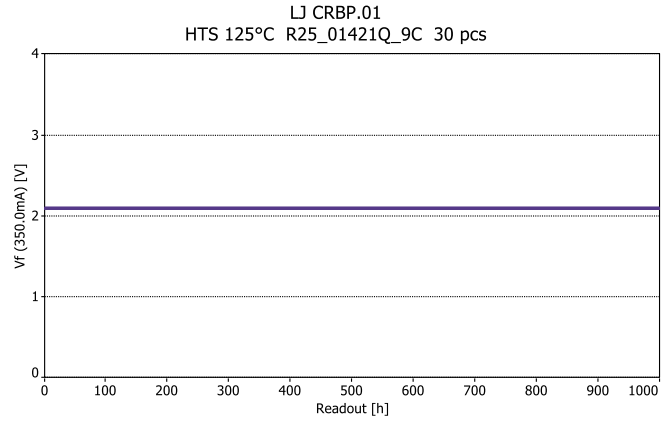
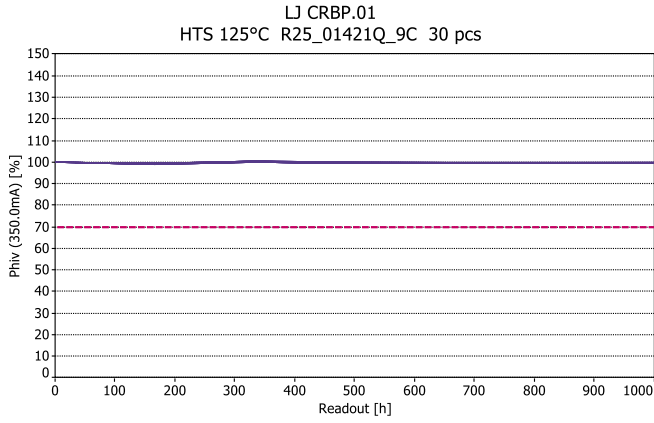
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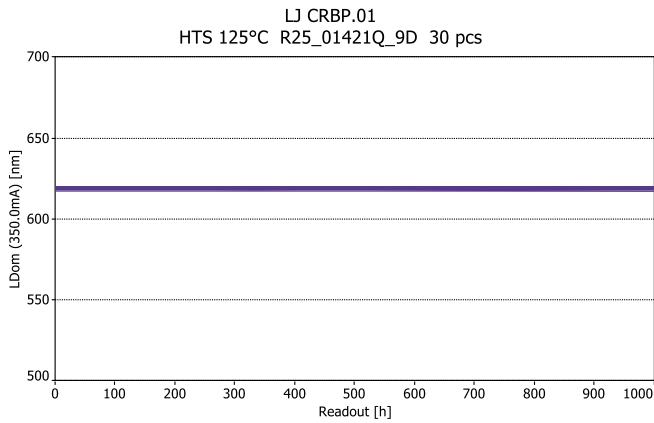
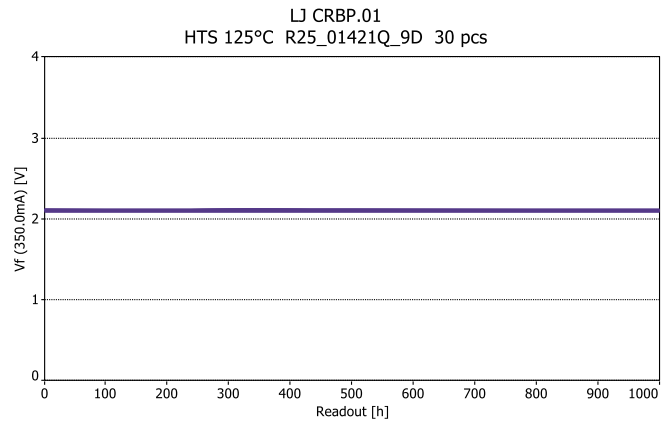
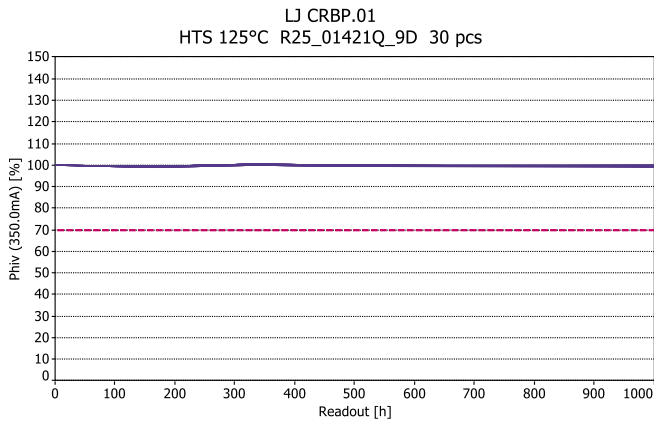
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Lot C

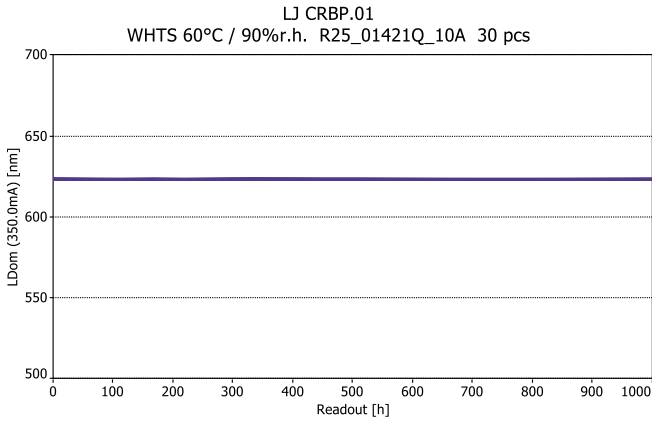
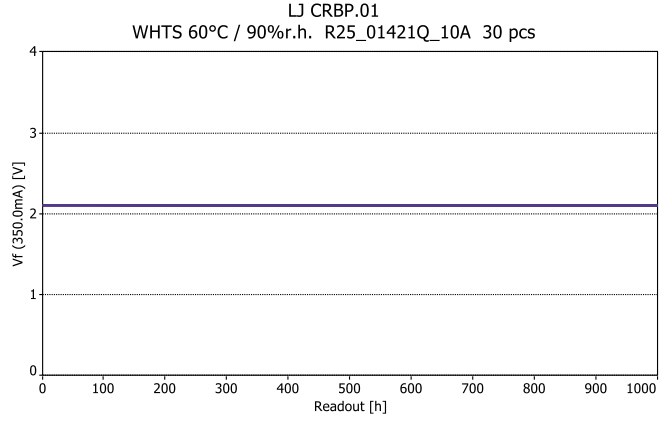
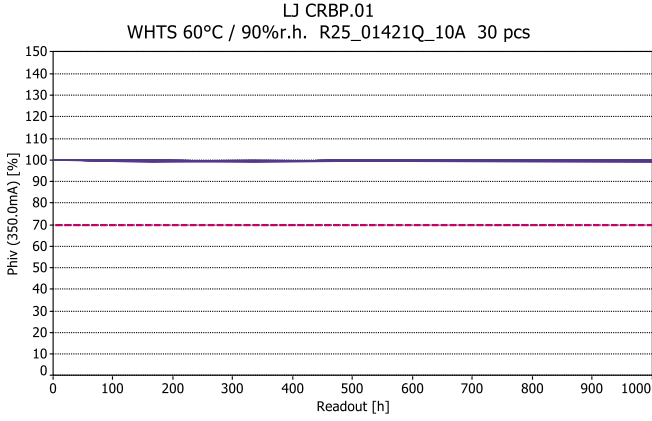


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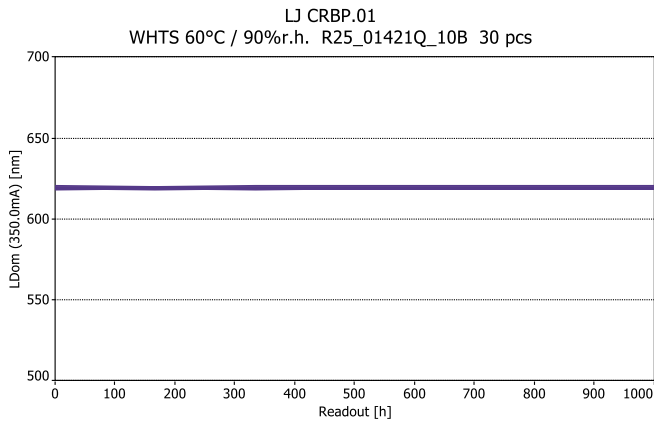
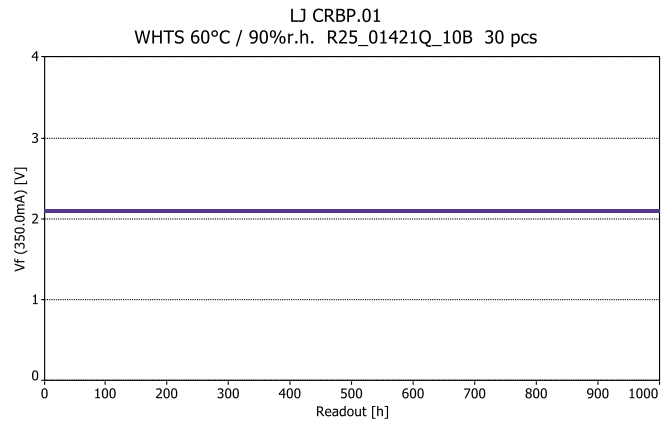
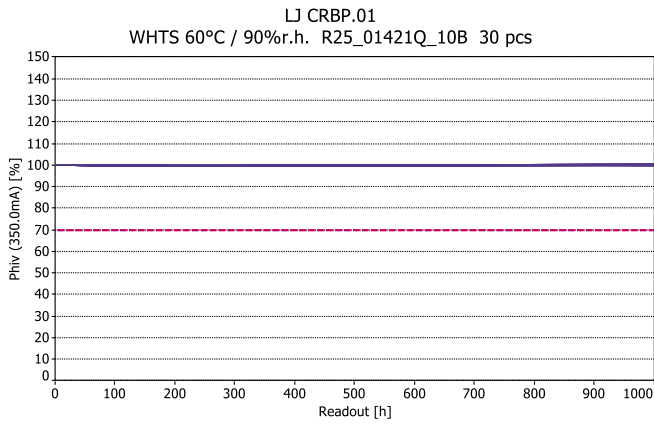


WHTS 60°C / 90%r.h.

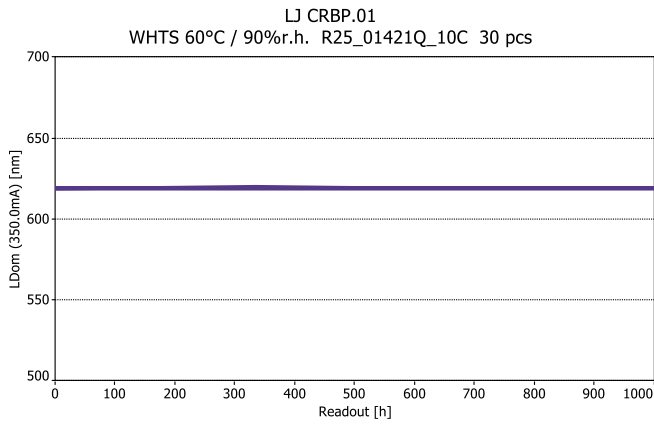
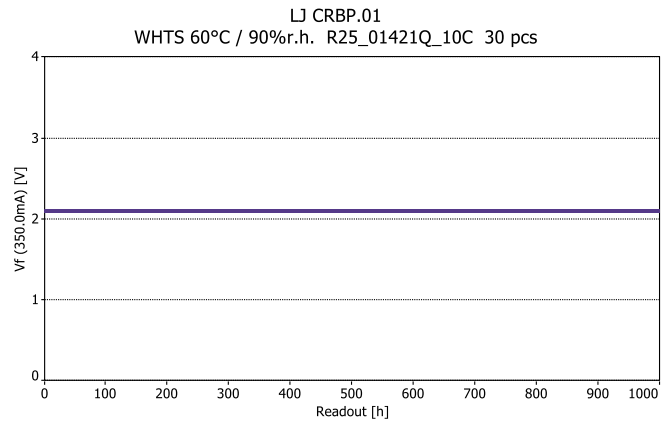
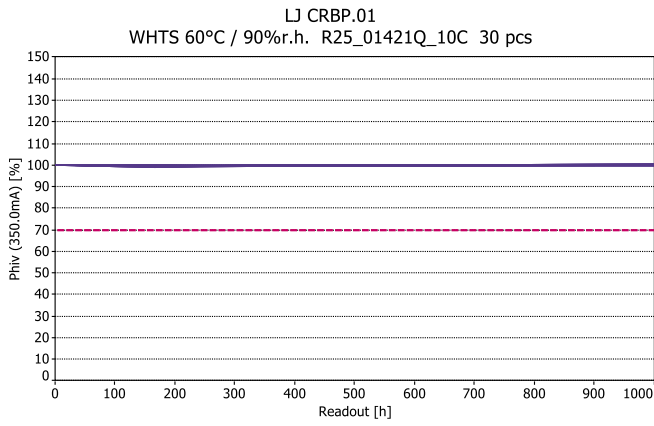
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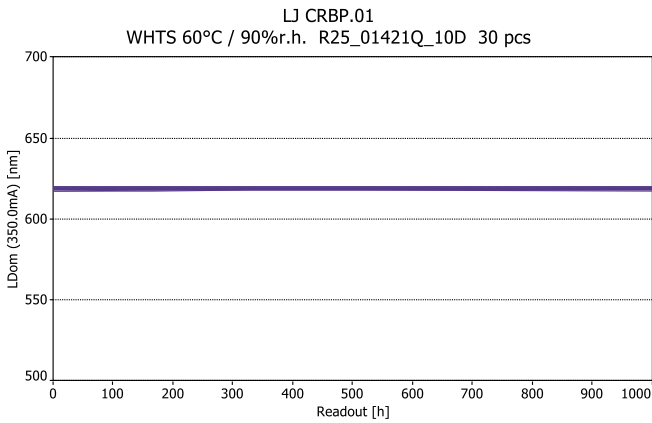
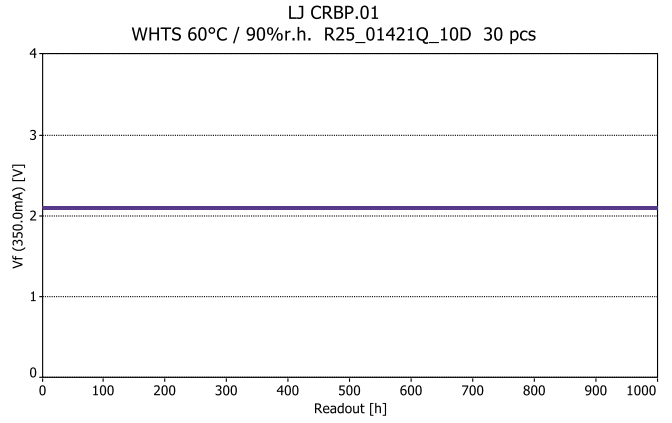
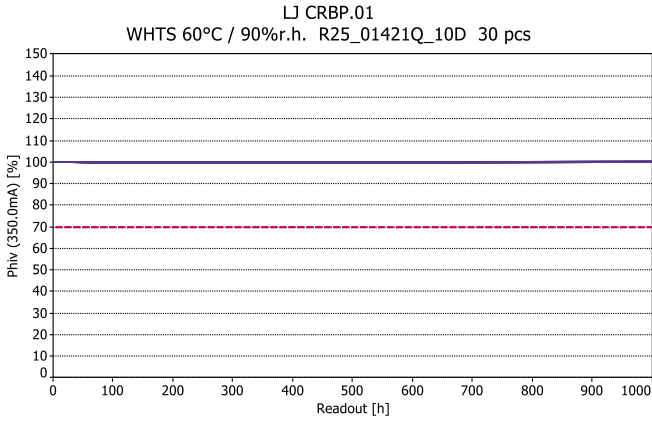
Lot B



Lot C

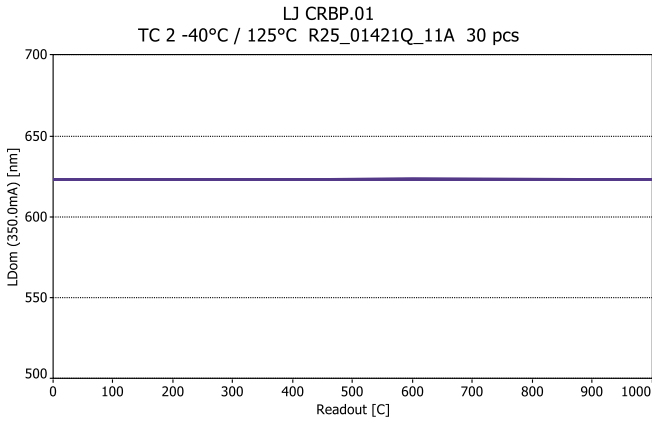
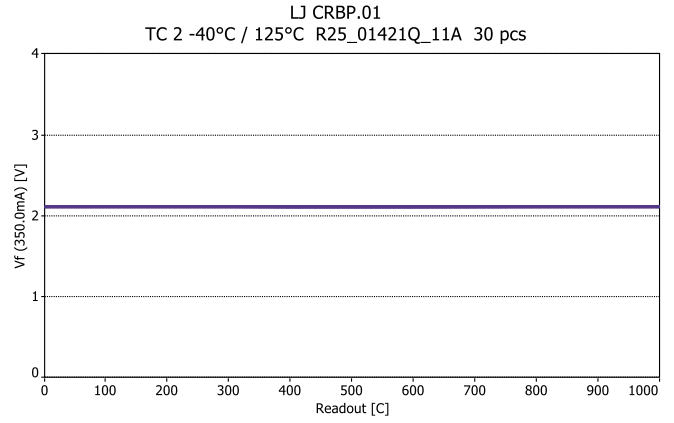
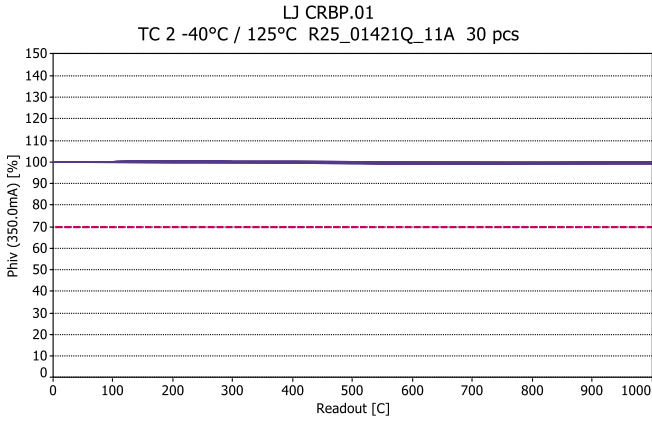


Lot D

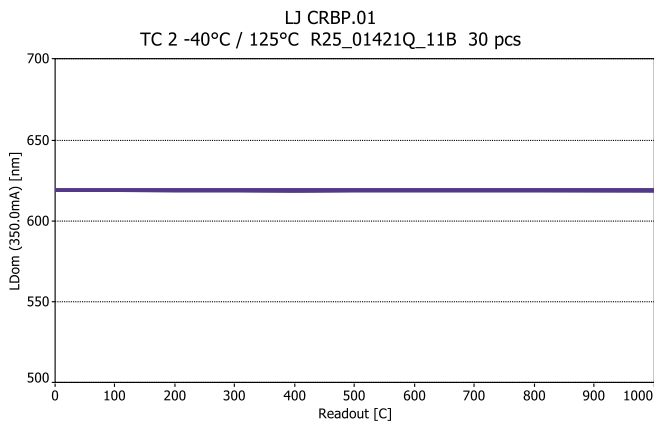
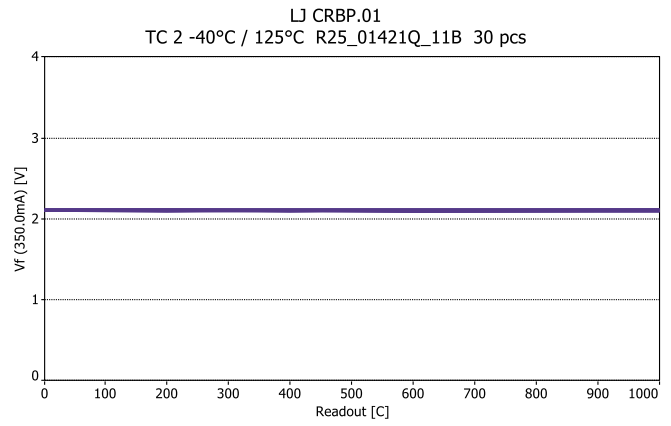
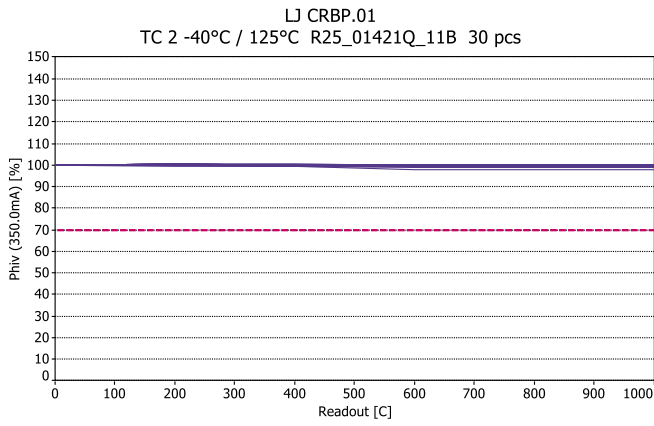


TC -40°C / 125°C

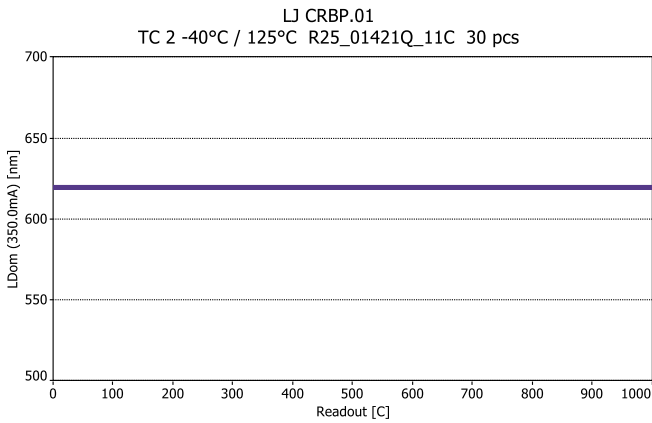
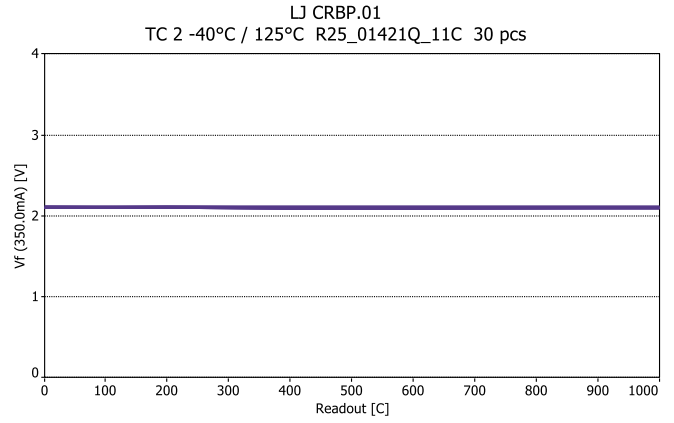
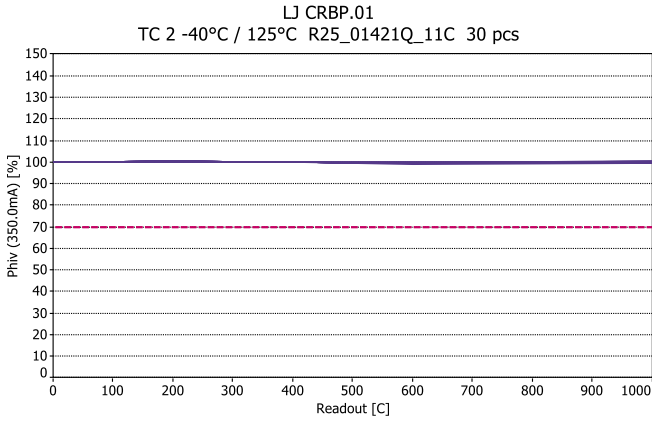
Lot A



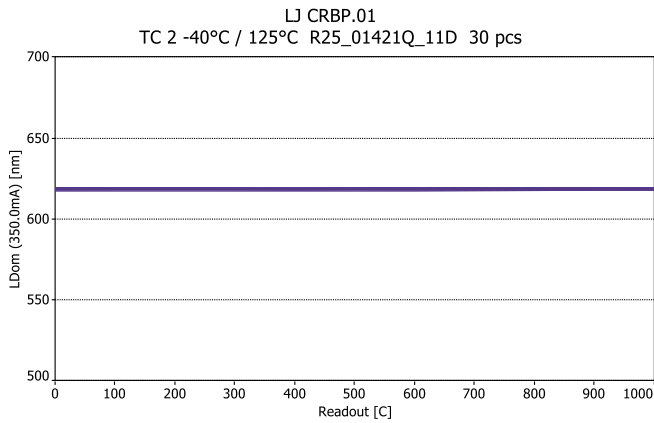
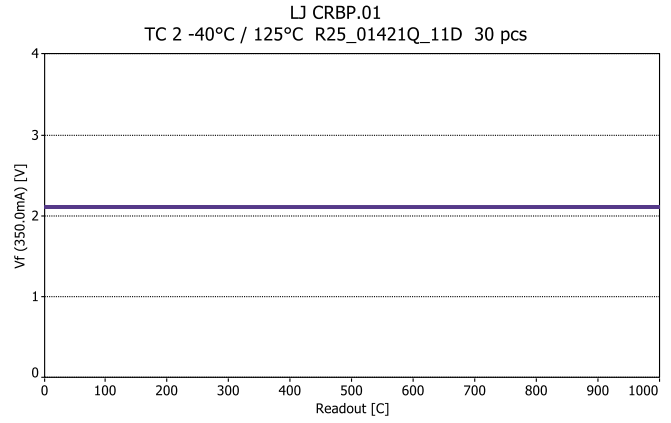
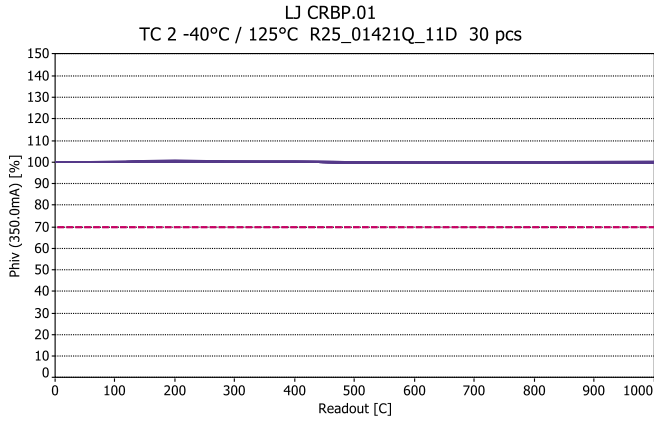
Lot B



Lot C

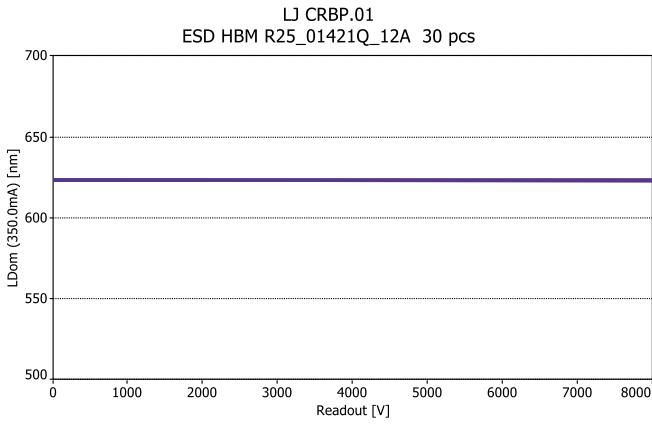
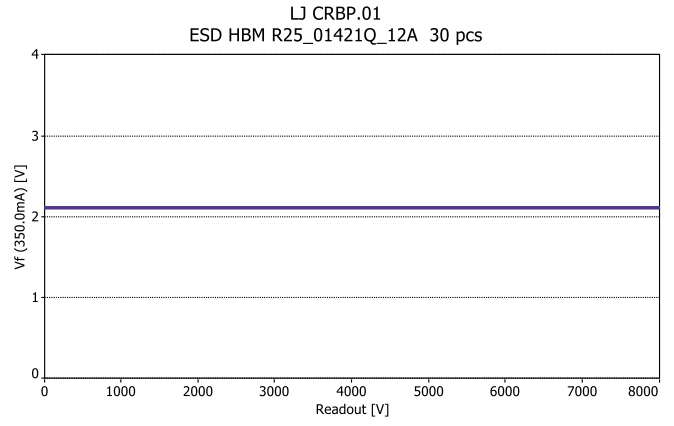
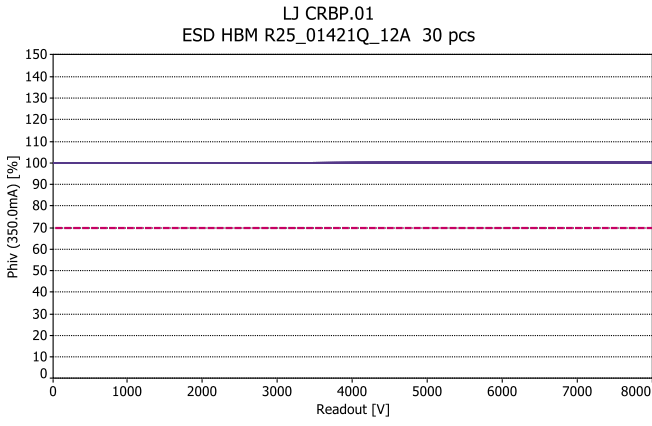


Lot D

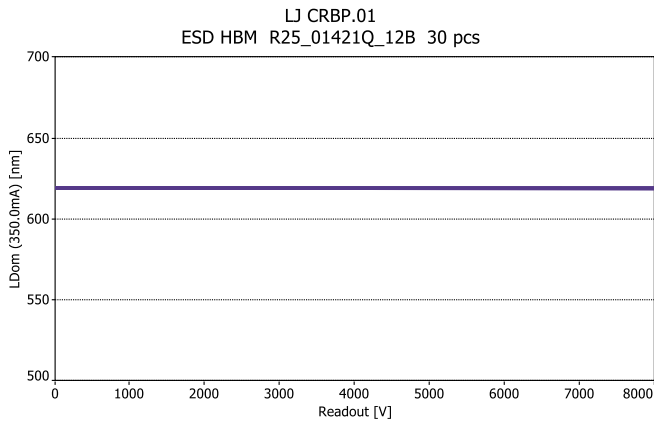
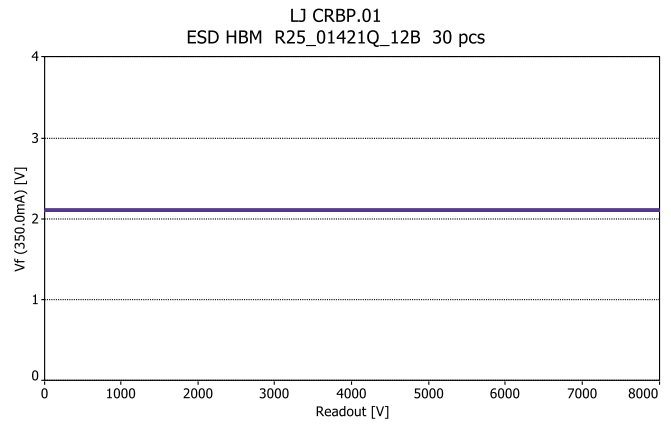
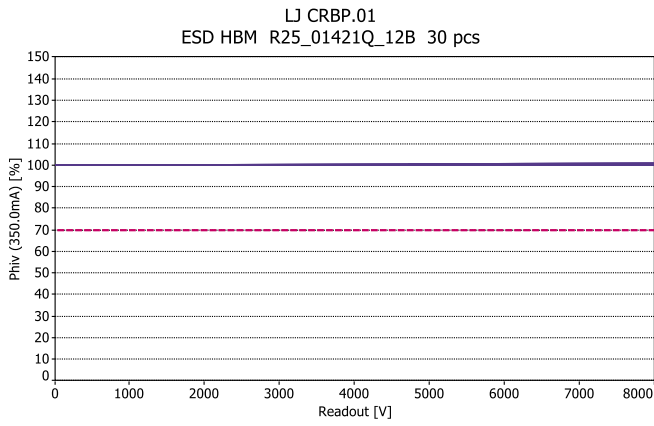


ESD HBM

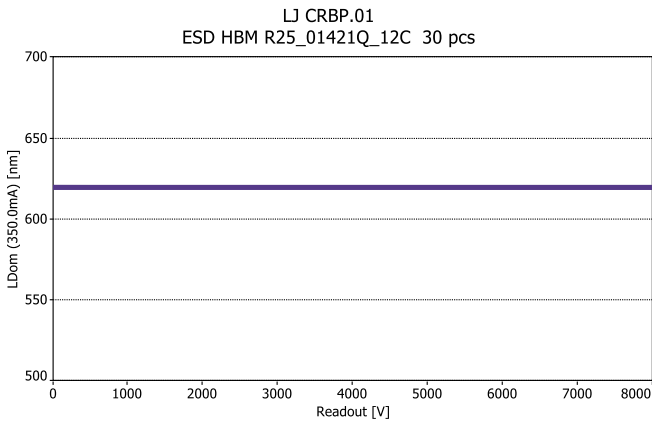
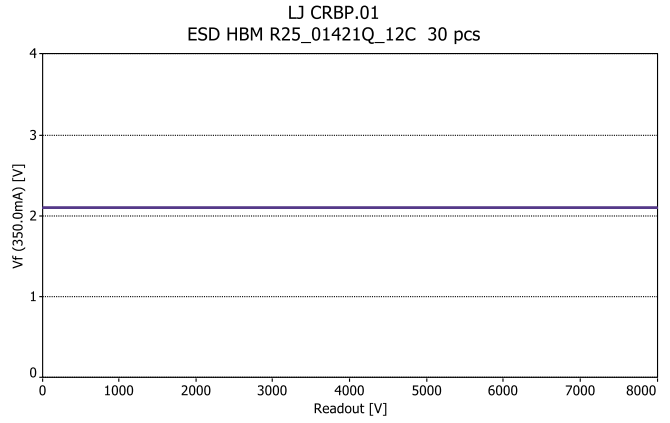
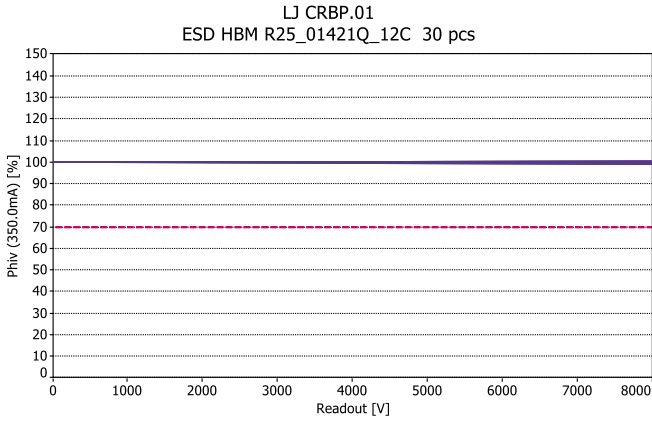
Lot A



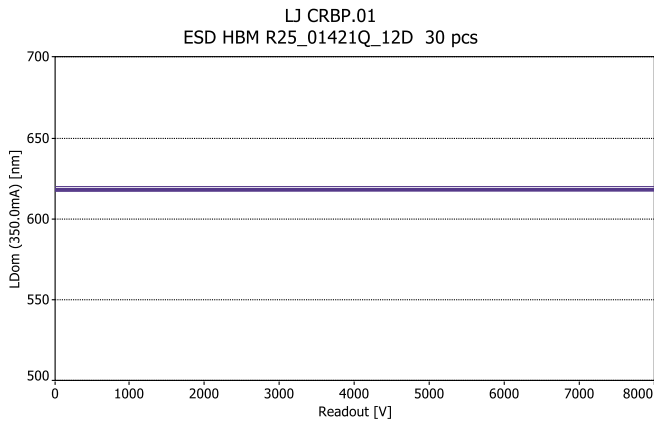
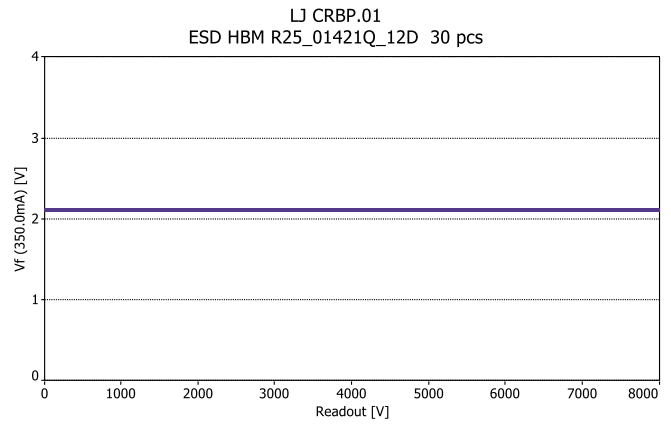
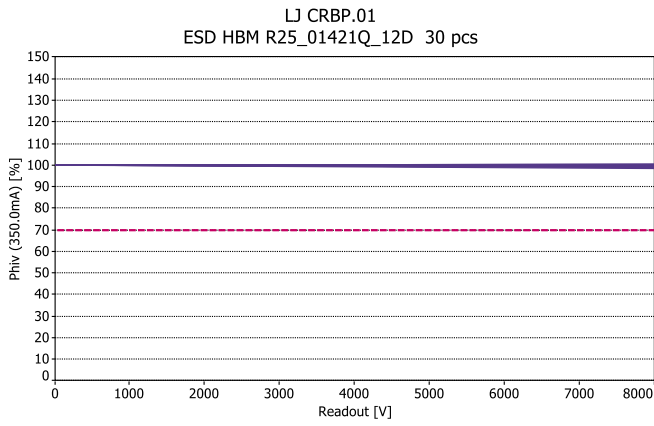
Lot B



Lot C

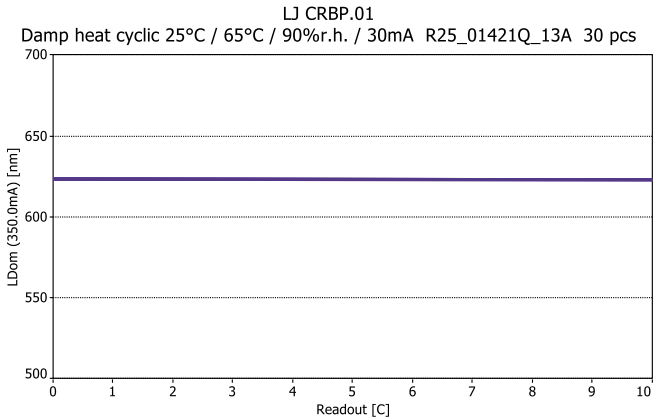
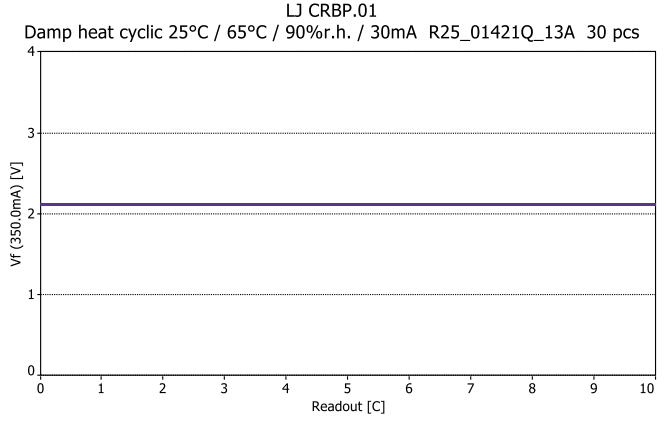
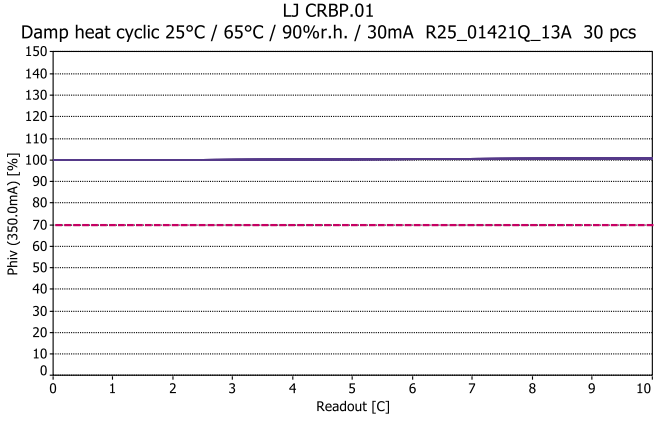


Lot D

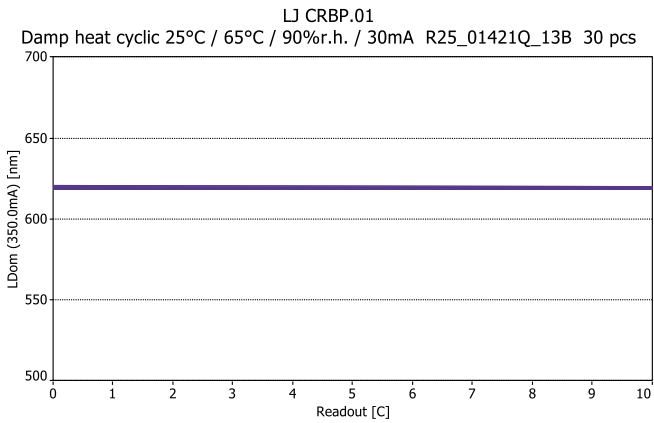
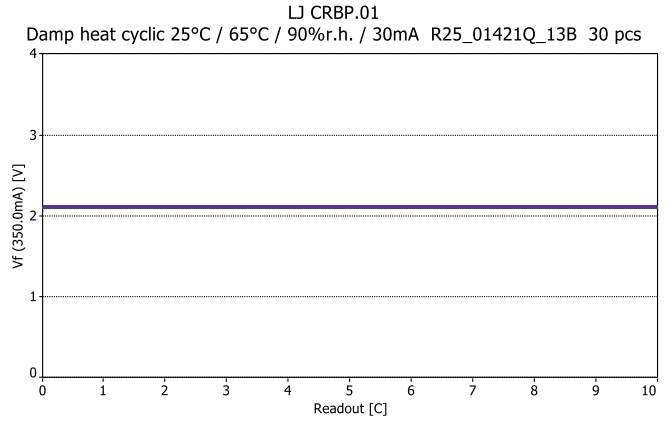
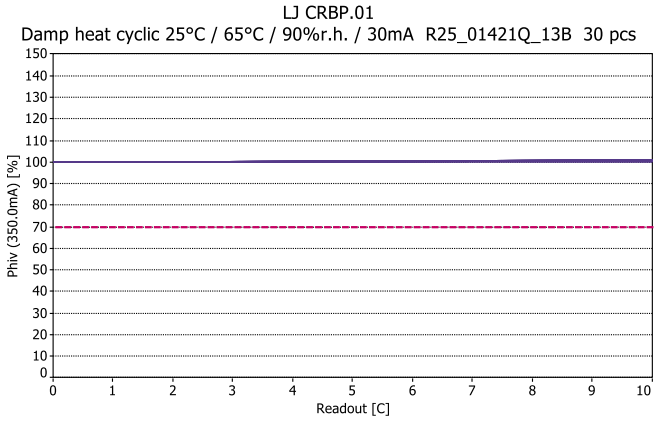


Damp heat cyclic 25°C / 65°C / 90%r.h. / 30mA

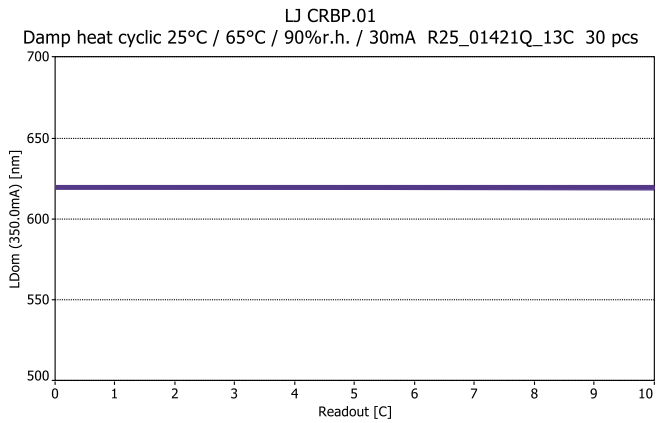
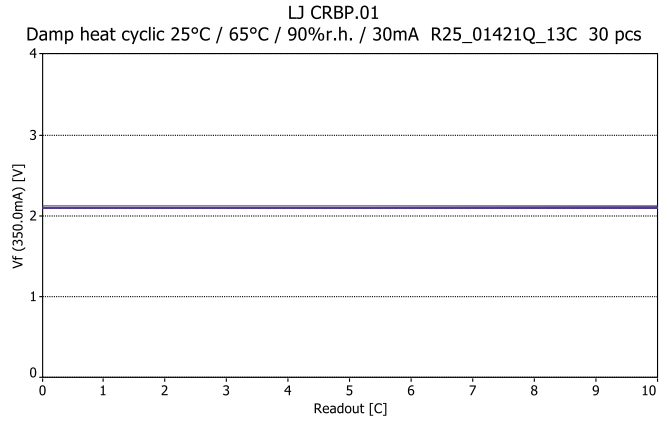
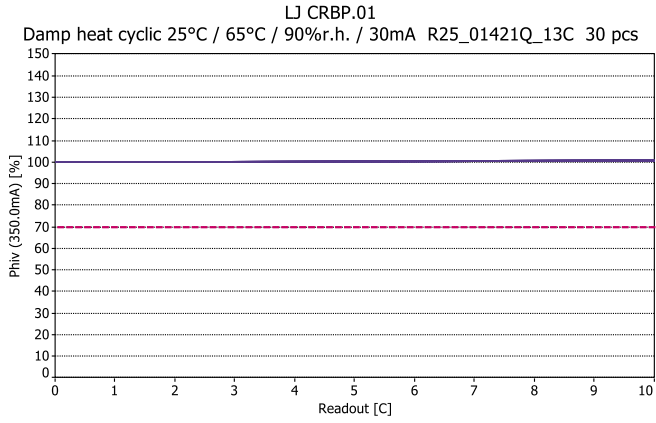
Lot A



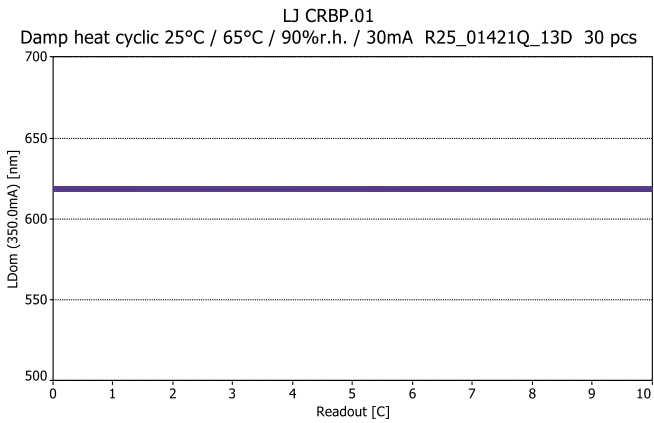
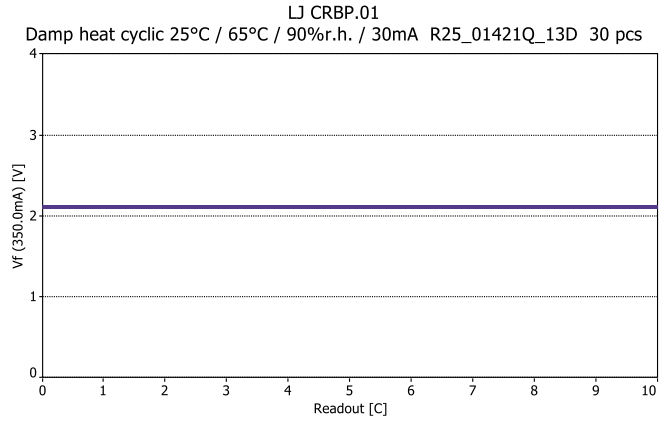
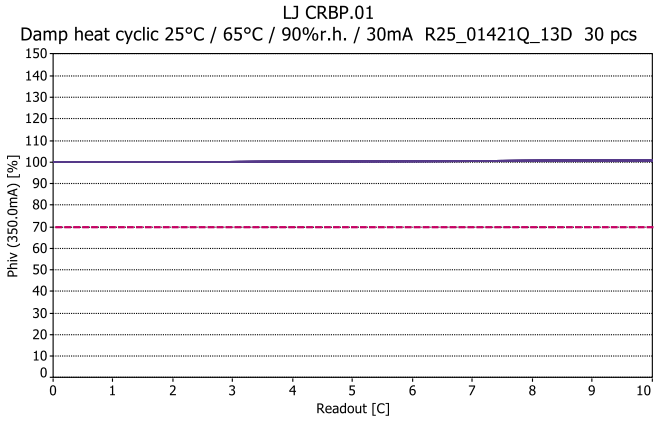
Lot B



Lot C



Lot D



END OF DOCUMENT

Qualification Report 260065C1

Subject	Qualification report for OSOLON Signal LB CRBP.01, LCY CRBP.01, LUW CRBP.01, LCB CRBP.01, LV CRBP.01 and LT CRBP.01 evaluating the additional production location in Malaysia
Date	17.03.2026
Tested device	LUW CRBP.01
Brand (including sub brands)	OSOLON Signal
Applies to	LB CRBP.01, LCY CRBP.01, LUW CRBP.01, LCB CRBP.01, LV CRBP.01, LT CRBP.01

Pre-conditioning according to Jedec Level 2

Test Performed	Condition	Duration	Sample Size	Failures		
				EI.	Opt.	Vis
Low Temperature Operating Life LTOL	<i>JESD22-A108</i> $T_A = -40^{\circ}\text{C}$ $I_F = 1200\text{mA}$	1000h	4x30	0	0	0
High Temperature Operating Life HTOL	<i>JESD22-A108</i> $T_A = 100^{\circ}\text{C}$ $I_F = 1200\text{mA}$	1000h	4x30	0	0	0
Wet High Temperature Operating Life WHTOL	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 93% $I_F = 30\text{mA}$	1000h	4x30	0	0	0
Wet High Temperature Operating Life WHTOL	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 90% $I_F = 1200\text{mA}$	1000h	4x30	0	0	0
Pulse life test PLT	<i>JESD22-A108</i> $T_A = 55^{\circ}\text{C}$ $I_F = 2000\text{mA}$ $t_p = 0.1\text{ms}; D = 12.5\%$	1000h	4x30	0	0	0
Temperature Storage HTS	<i>JESD22-A103</i> $T_A = 125^{\circ}\text{C}$	1000h	4x30	0	0	0
Wet High Temperature Storage WHTS	<i>JESD22-A101</i> $T_A = 60^{\circ}\text{C}$ r.H.= 90%	1000h	4x30	0	0	0
Temperature cycle TC	<i>JESD22-A104</i> $T_A = -40^{\circ}\text{C}/+125^{\circ}\text{C}$ 15min each extreme	1000c	4x30	0	0	0
Electrostatic Discharge HBM	<i>ANSI/ESDA/ JEDEC JS-001</i> Human Body Model	8000V	4x30	0	0	0
Flowing Mixed Gas FMG	<i>IEC 60068-2-60</i> $T_A = 25^{\circ}\text{C}$ r.H.= 75% Methode 4	500h	4x30	0	0	0
Damp heat cyclic	<i>IEC 60068-2-30</i> $T_{A,\text{min}} = 25^{\circ}\text{C}; T_{A,\text{max}} = 65^{\circ}\text{C}$ r.H.= 90% $I_F = 30\text{mA}$	10c	4x30	0	0	0

Note: Lot A control lot (China), Lot B-D evaluation lot (Malaysia)

Failure criteria:

Electrical failures:	Vf (If =350mA)	> 3.25V; \pm 10% from initial value
Optical failures:	Φ_v (If =350mA) Cx/Cy (If=350mA)	> \pm 30% from initial value \pm 0.01 from initial value
Visual failures:	acc JEDEC JESD22-B101	

Conclusion: The tested device representing the product family as stated in the applies to section fulfill s the reliability requirements.

Disclaimer

PLEASE CAREFULLY READ THE BELOW TERMS AND CONDITIONS BEFORE USING THE INFORMATION.
IF YOU DO NOT AGREE WITH ANY OF THESE TERMS AND CONDITIONS, DO NOT USE THE INFORMATION.

The Information contained in this Document does not constitute an independent warranty. The committed behavior is described in the Product data sheet and/or further, mutually agreed specifications.

Distribution of part or all of the contents of this Document to any 3rd party in any form without the prior permission of ams-OSRAM International GmbH is prohibited except in accordance with applicable mandatory law.

Further explanations:

Data: The Data used in this Document consider the reliability test results under the mentioned driving conditions only. For Product information on the maximum operating conditions and the OSRAM standard qualification profile please refer to the Product data sheet or contact your local sales partner.

Conditions: The conditions for the generation of the Data are as follows:

1. The Data and curves shown in this Document are based on experiments carried out under laboratory conditions on a random sample size of LED/IRED/Laser/Detector with readouts at discrete readout times (where applicable). Thus, the Data above represent a limited number of production lots only and may differ between different assembly lots over time (including chip or package changes). Thus, the behavior of the LED/IRED/Laser/Detector in the final application may differ from the Data. The behavior of the LED/IRED/Laser/Detector at conditions or readout times deviating from those stated above may not be deduced from the Data.

2. If applicable:

a) Extended driving conditions:

The tested driving conditions exceed the maximum limits stated in the Product data sheet. Therefore, a reduced lifetime or an accelerated degradation is expected. Failure limits noted in the Document refer to the testing condition according to the OSRAM standard Product qualification profile and not to the actual testing condition.

b) Extended testing duration:

The testing duration exceed the OSRAM standard qualification profile of the mentioned Product. Failure limits noted in the Document refer to the testing duration according to the OSRAM standard Product qualification profile and not to the actual testing duration.

c) Exceeding standard qualification conditions – (Product data sheet limits not affected):

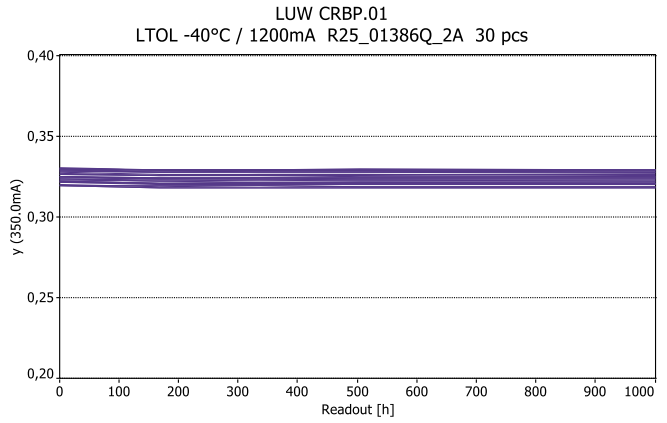
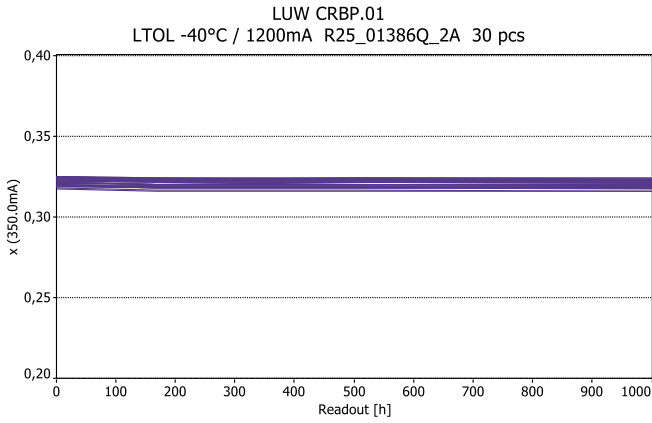
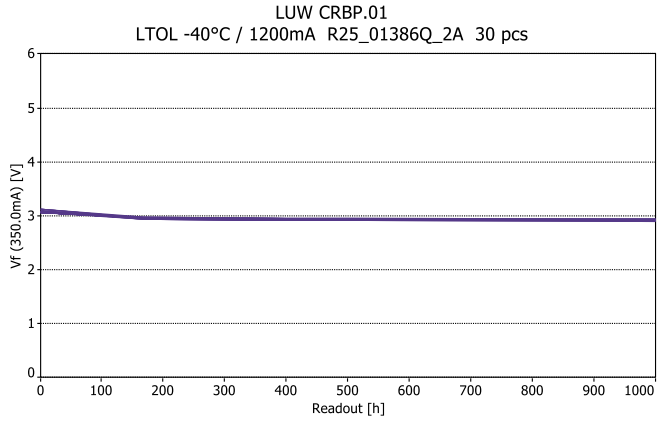
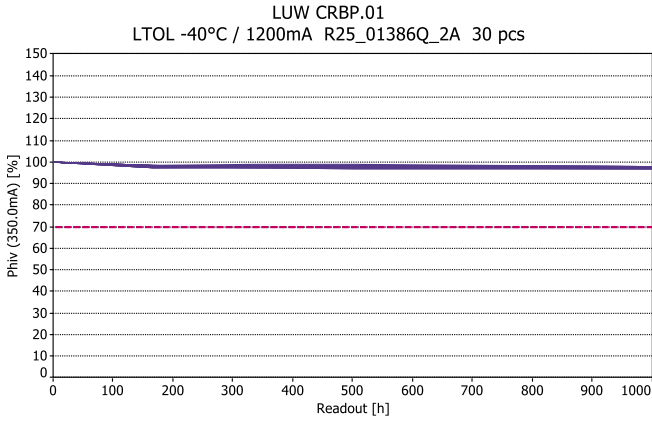
The tested driving conditions exceed the OSRAM standard qualification profile of the mentioned Product. Therefore a reduced lifetime or an accelerated degradation is expected. Failure limits noted in the Document refer to the testing condition according to the OSRAM standard Product qualification profile and not to the actual testing condition.

3. For long term operation additional failure modes of the chip or package can occur which are not shown in this Document.

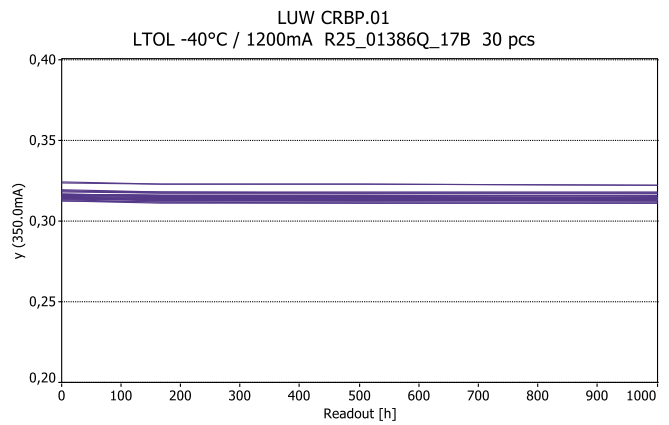
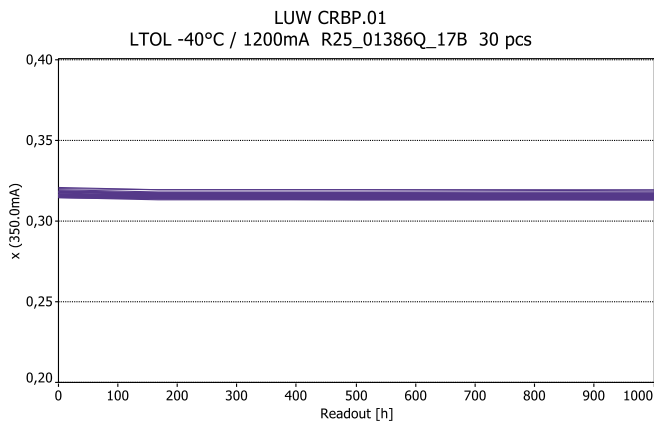
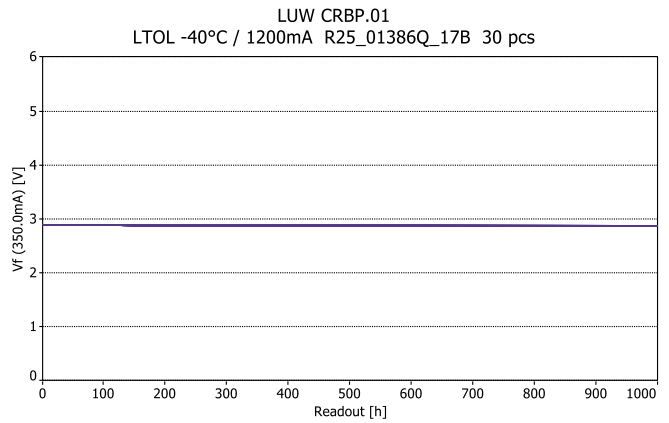
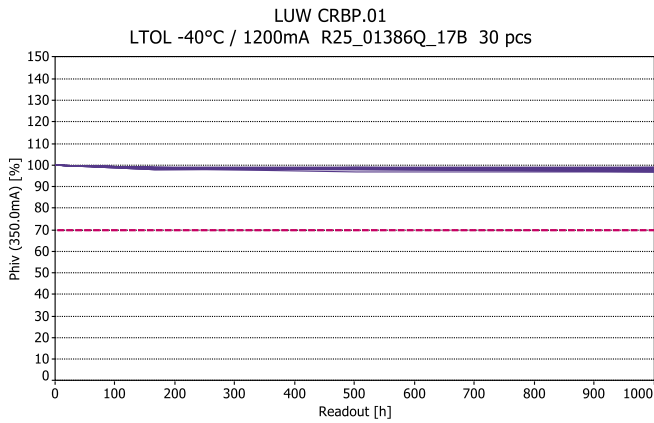
4. Possible differences in the thermal management of OSRAM and customer's setup may lead to a different aging behavior.

LTOL -40°C / 1200mA

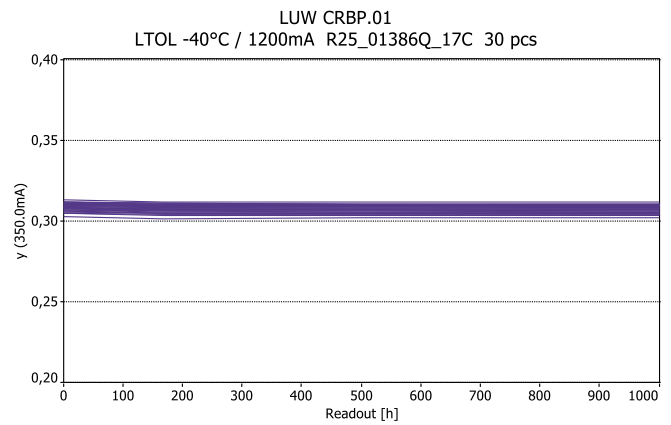
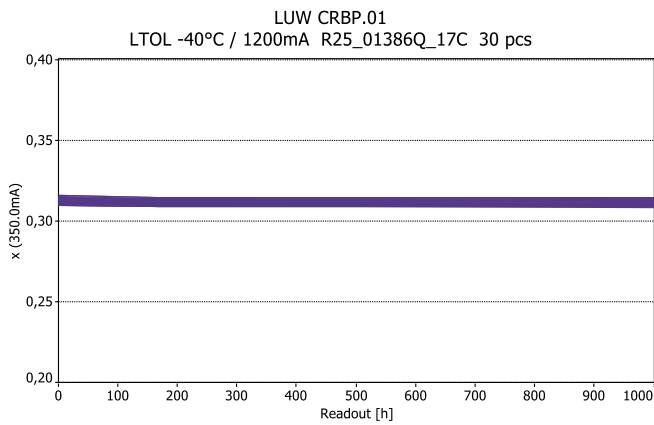
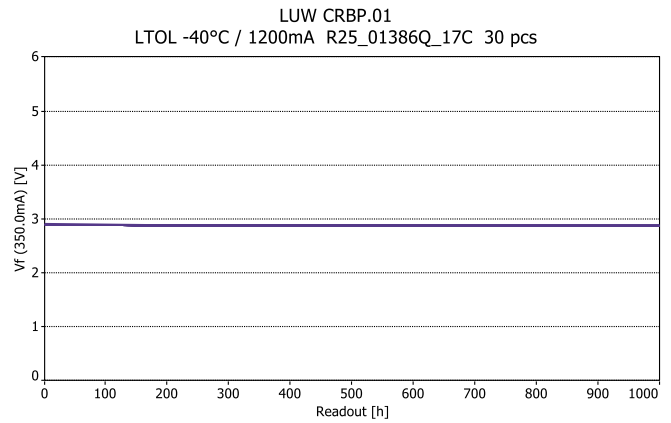
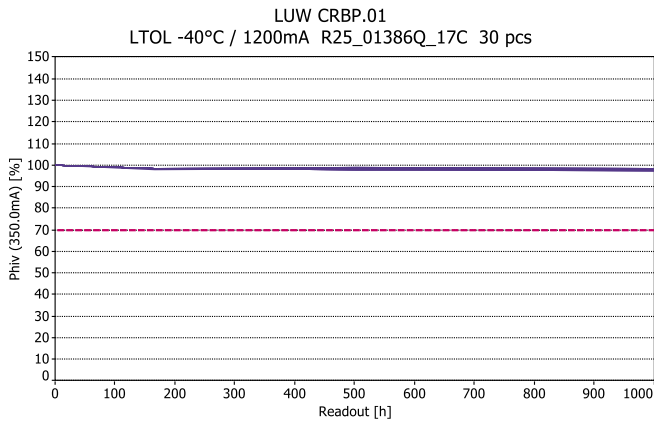
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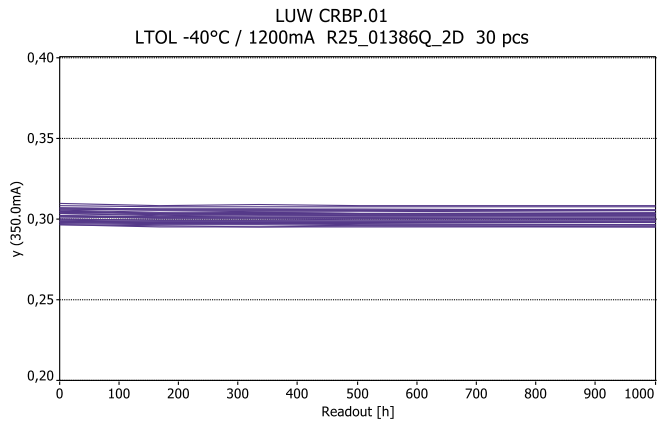
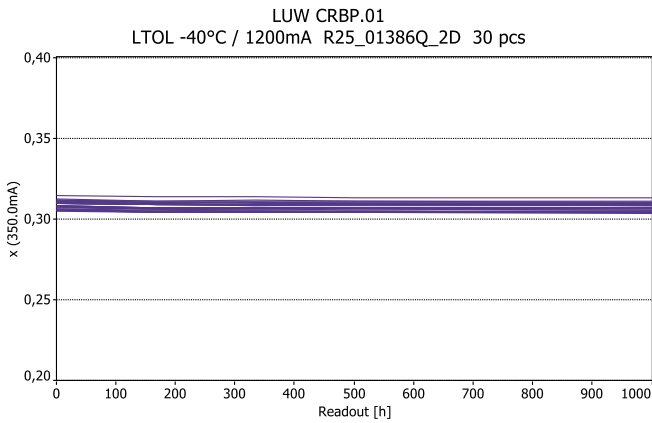
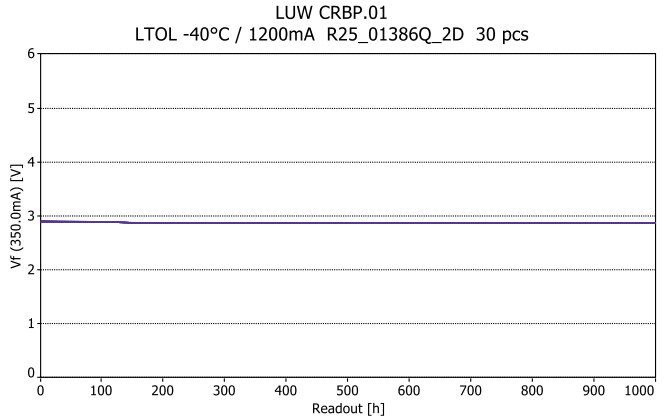
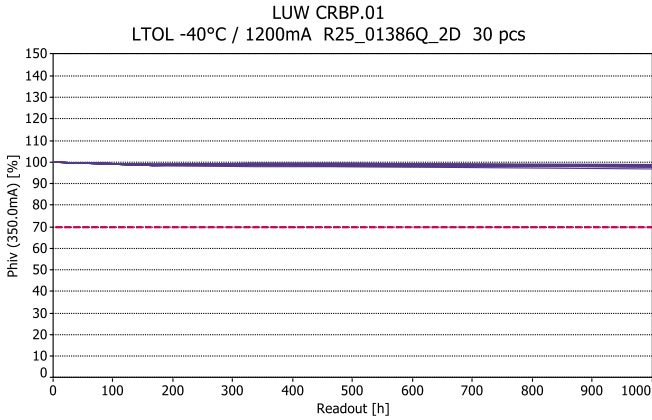
Lot B



Lot C

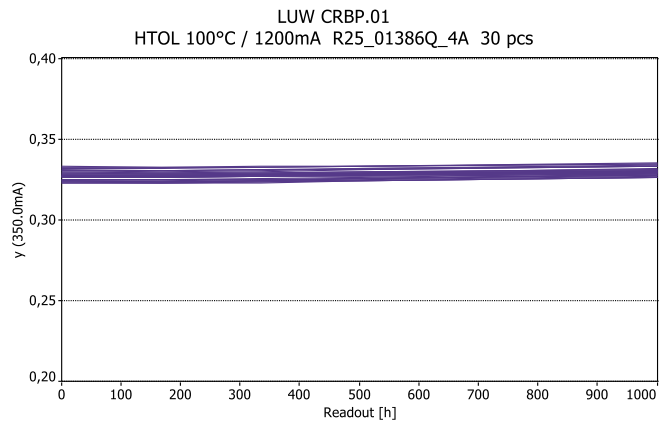
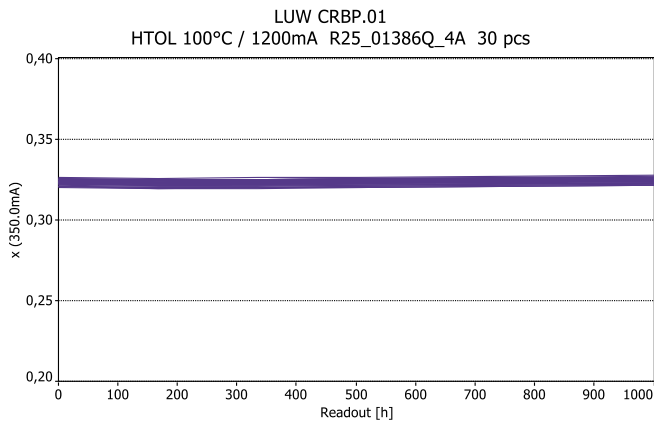
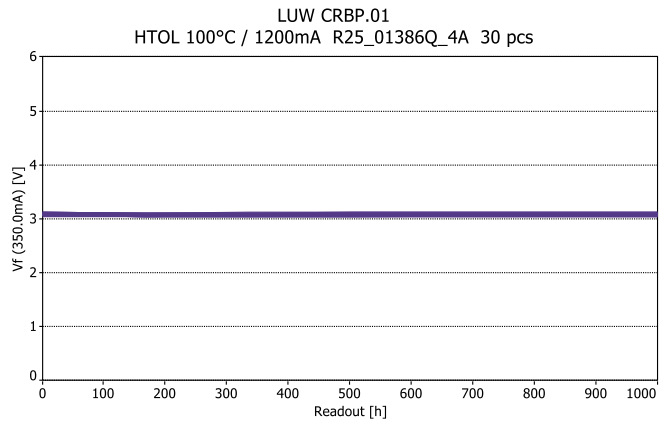
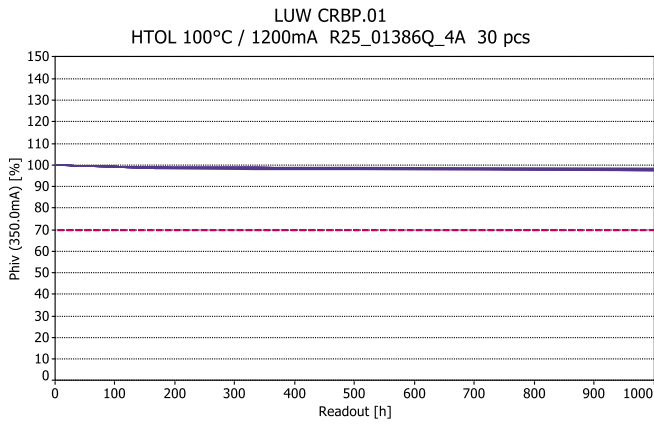


Lot D

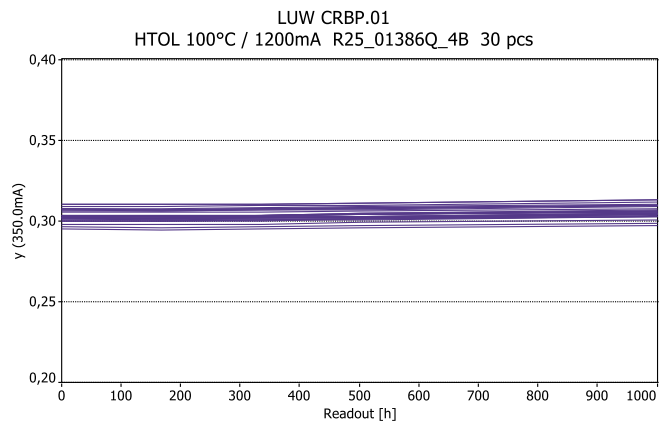
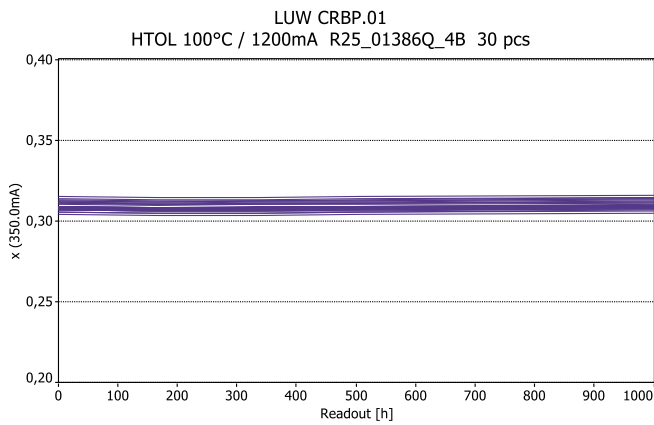
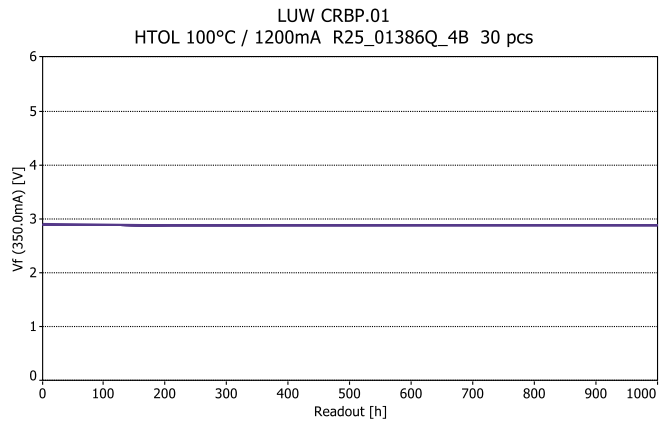
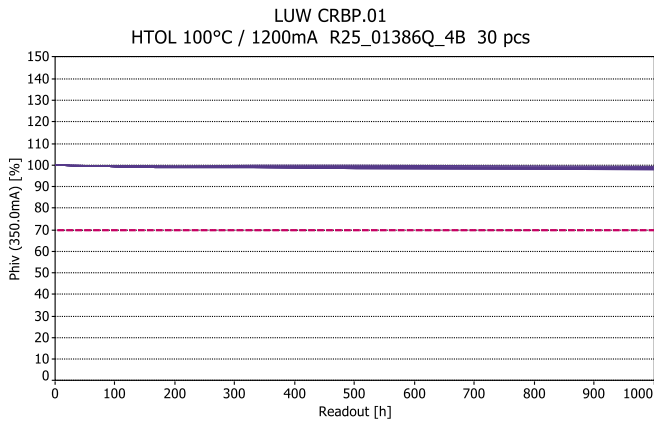


HTOL 100°C / 1200mA

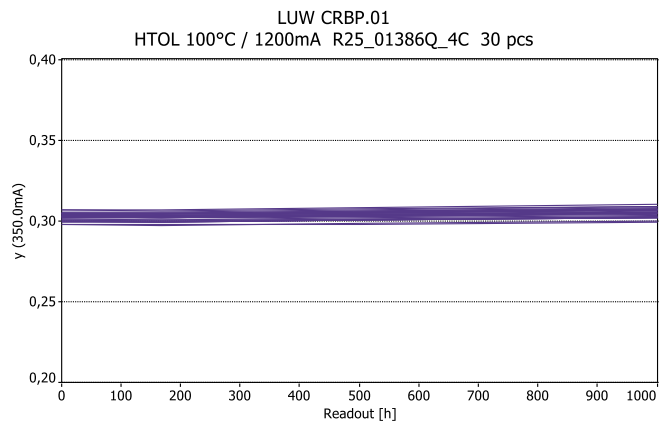
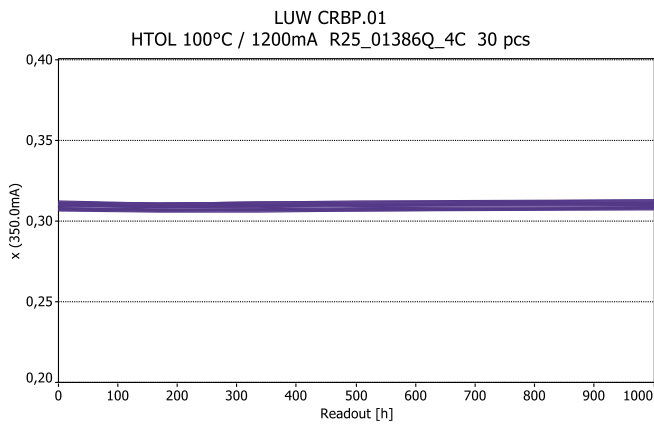
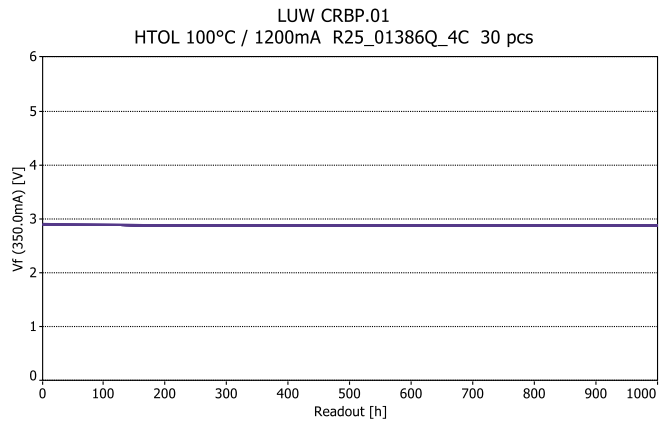
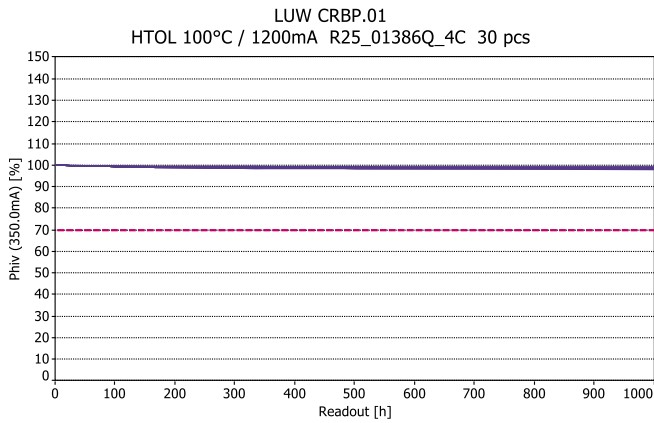
Lot A



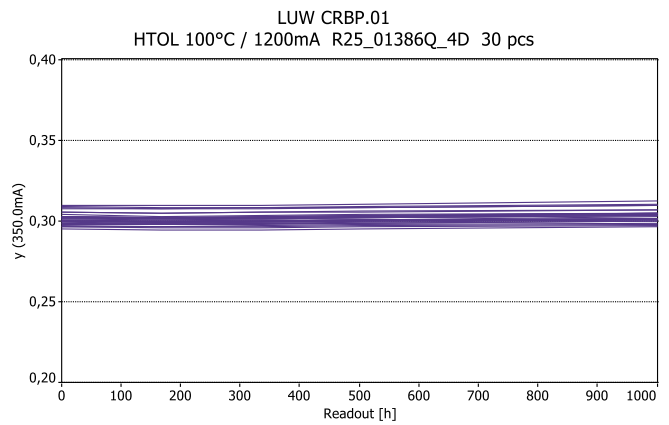
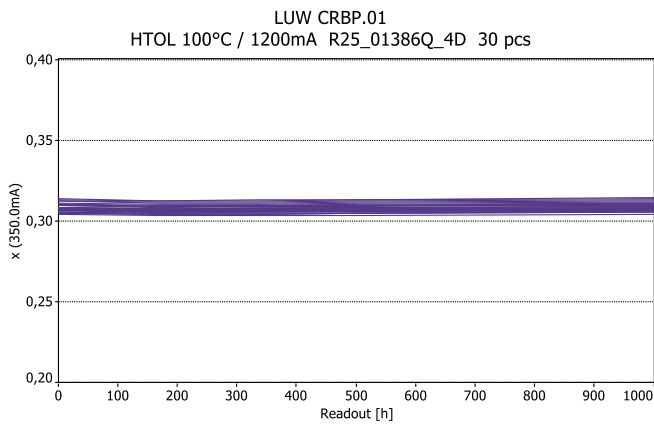
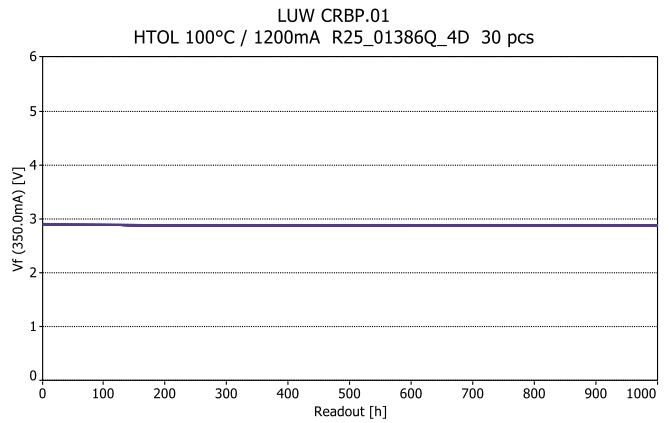
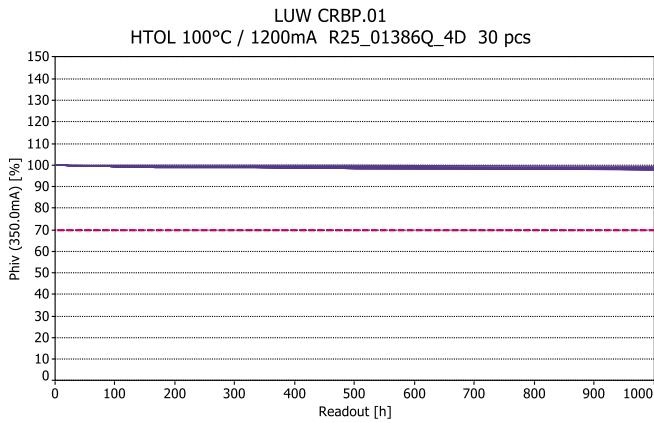
Lot B



Lot C

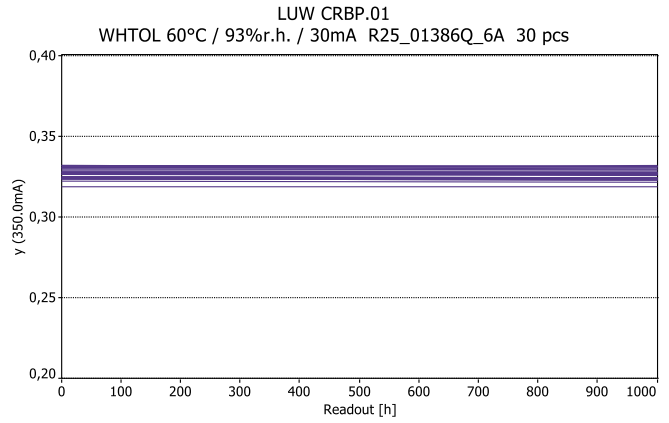
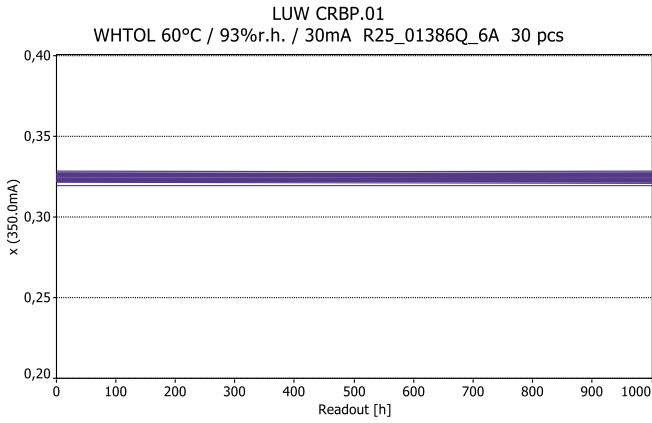
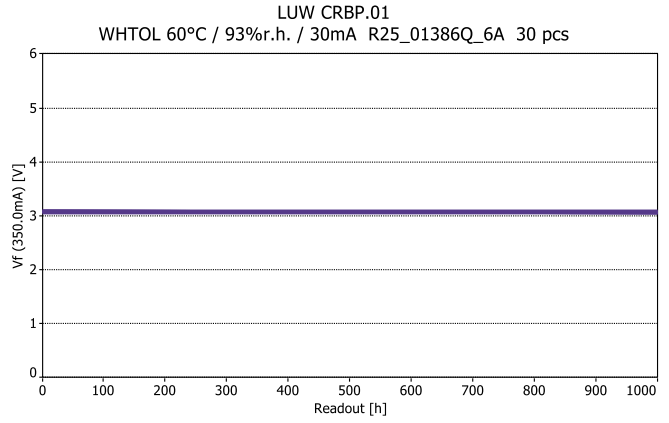
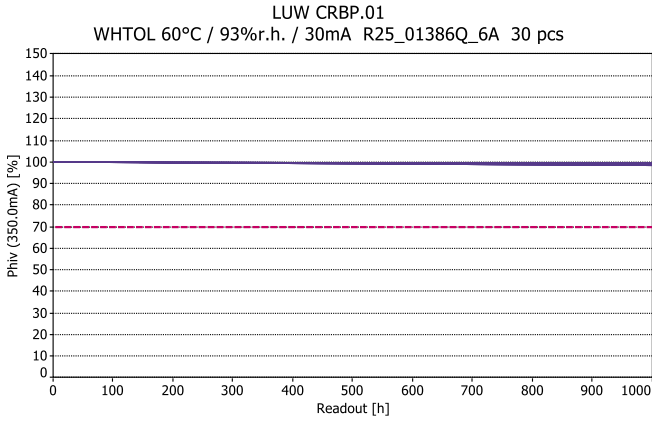


Lot D

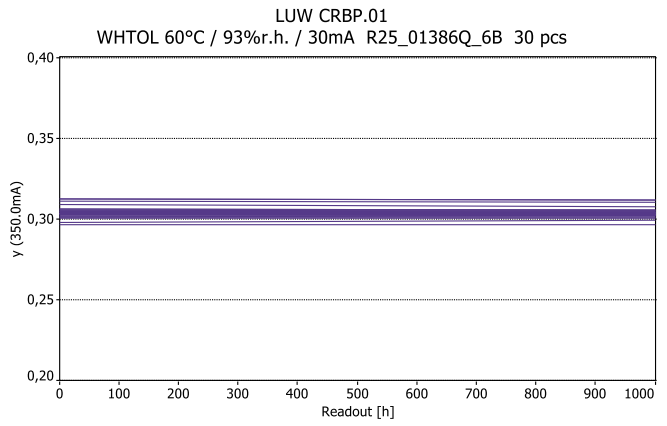
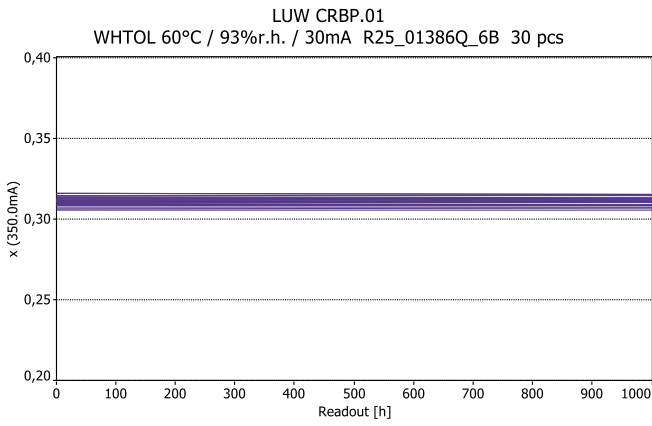
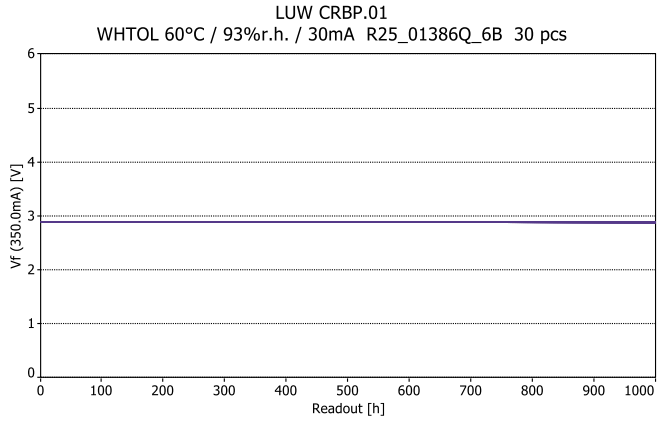
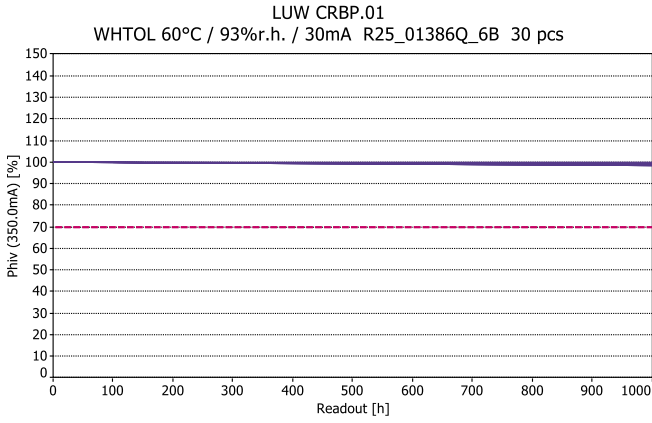


WHTOL 60°C / 93%r.h. / 30mA

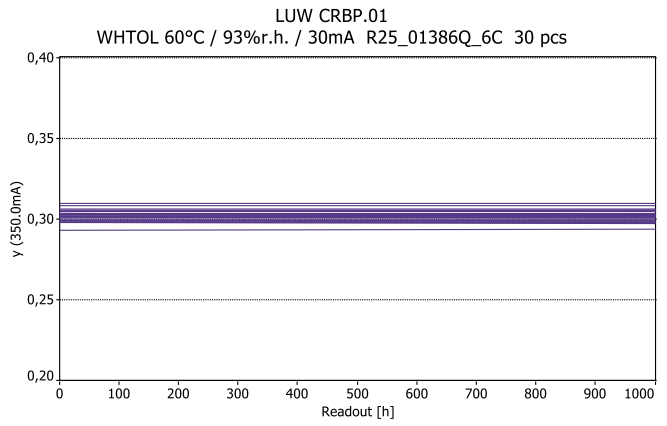
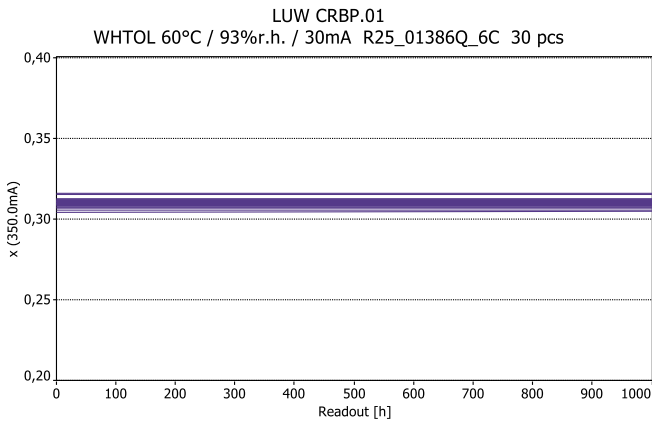
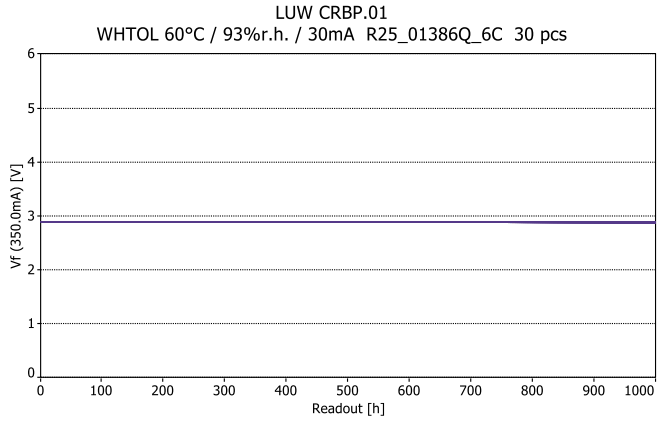
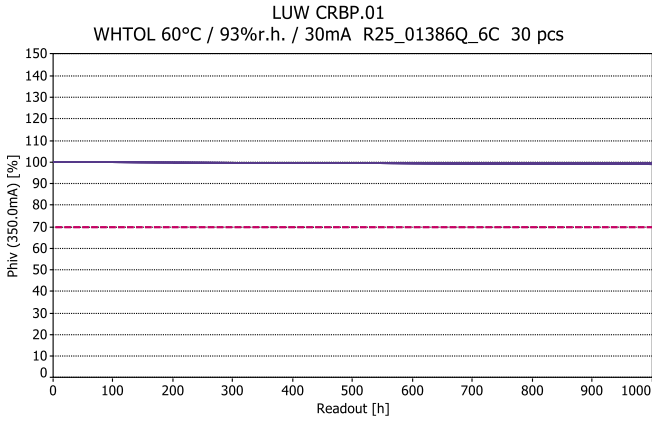
Lot A



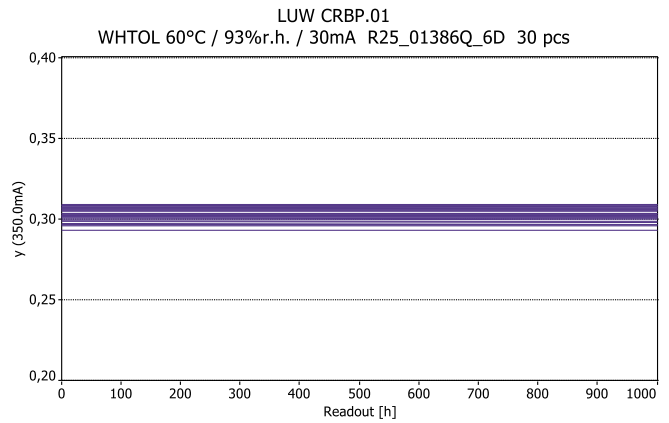
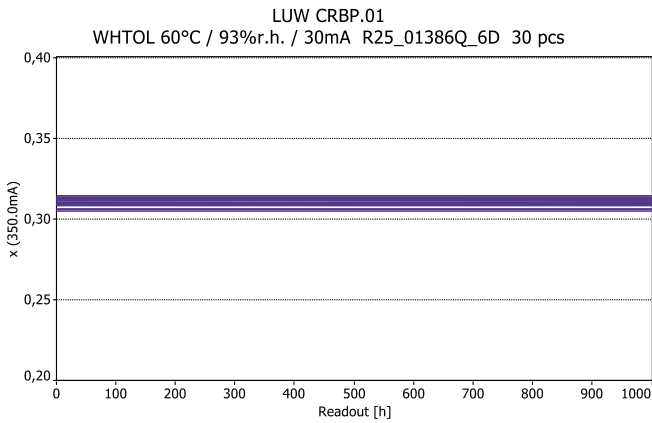
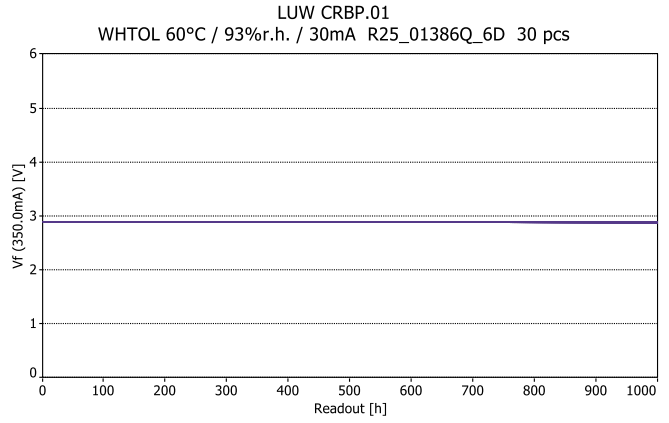
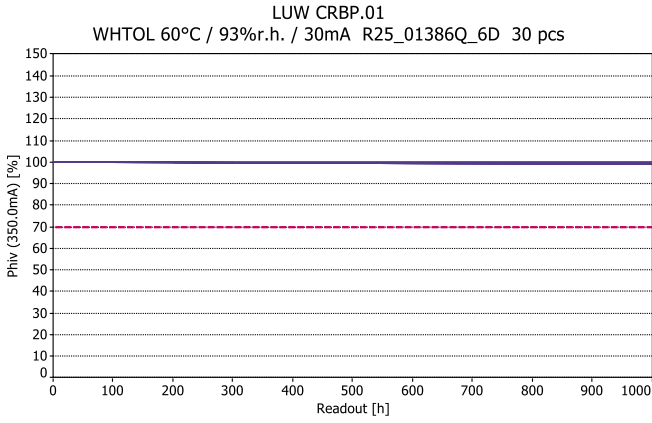
Lot B



Lot C

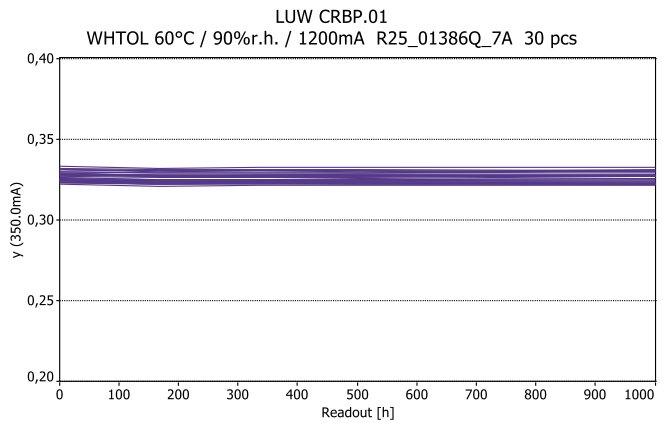
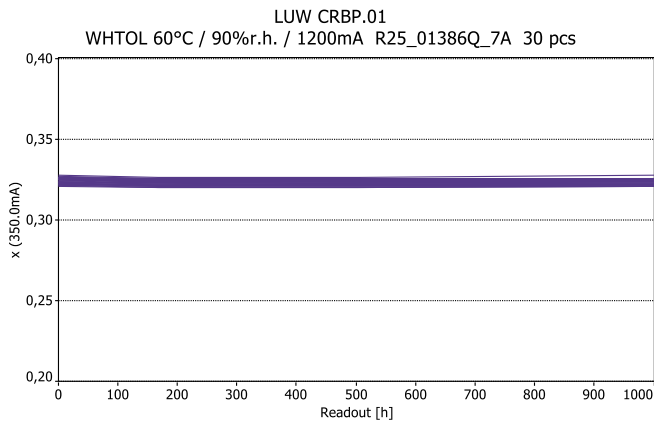
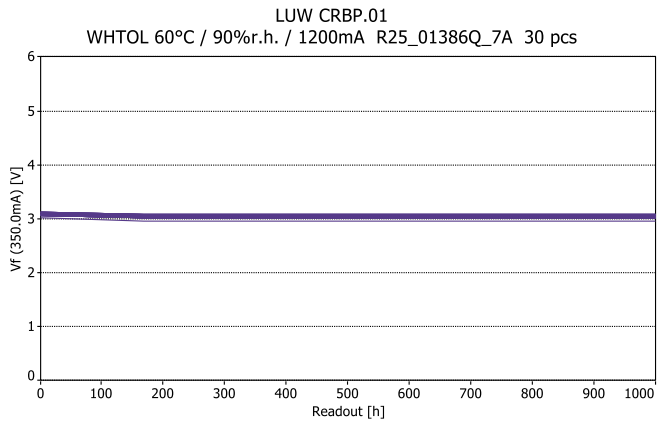
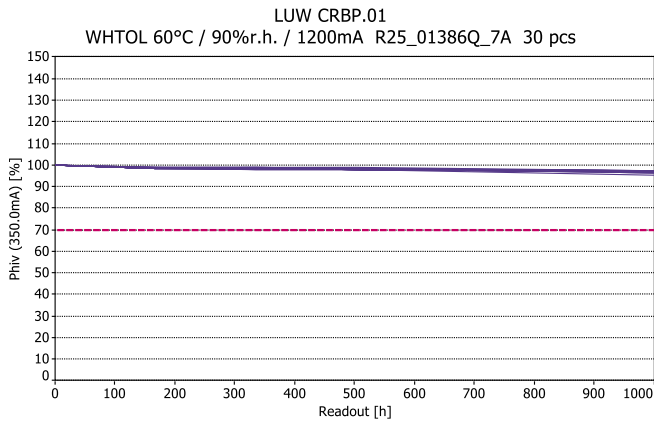


Lot D

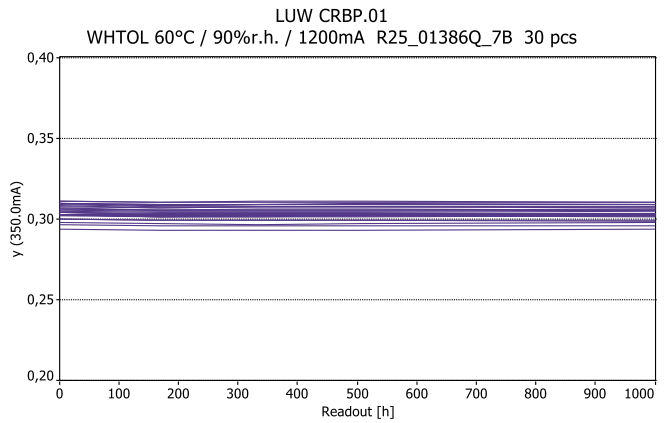
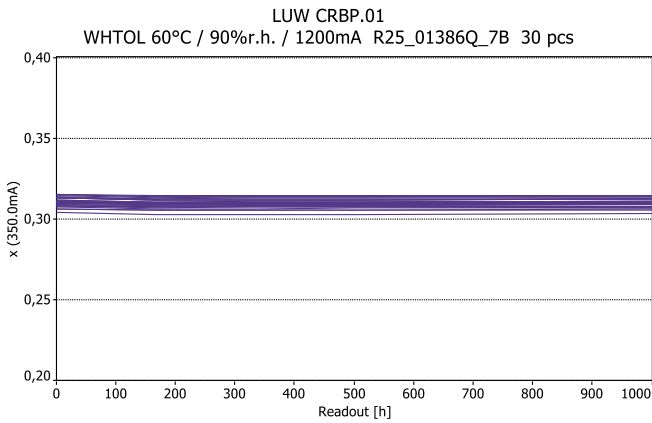
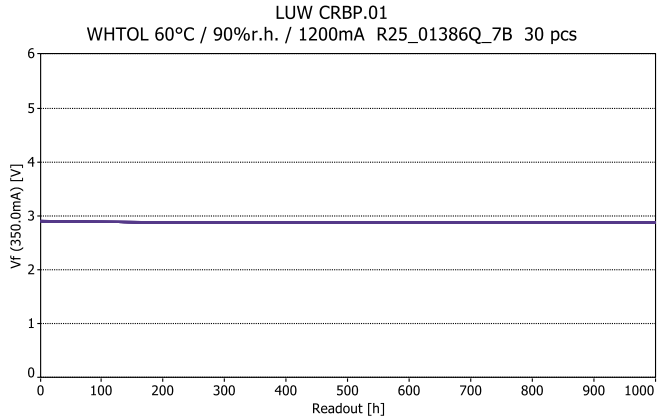
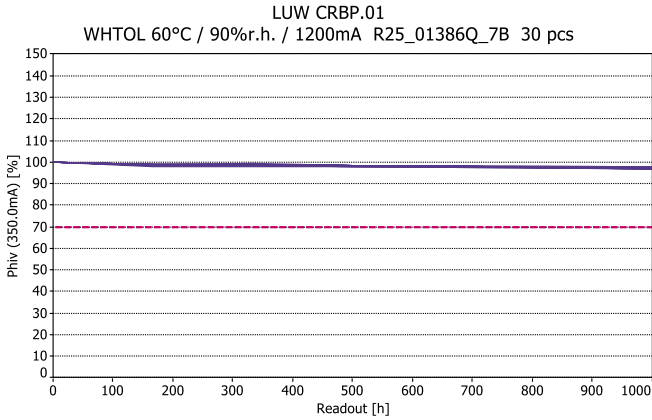


WHTOL 60°C / 90%r.h. / 1200mA

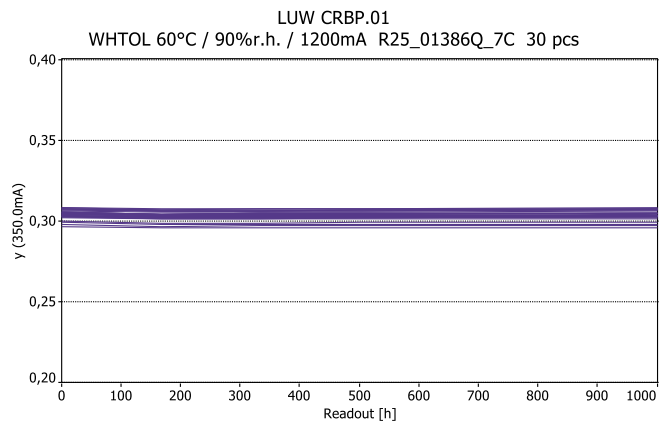
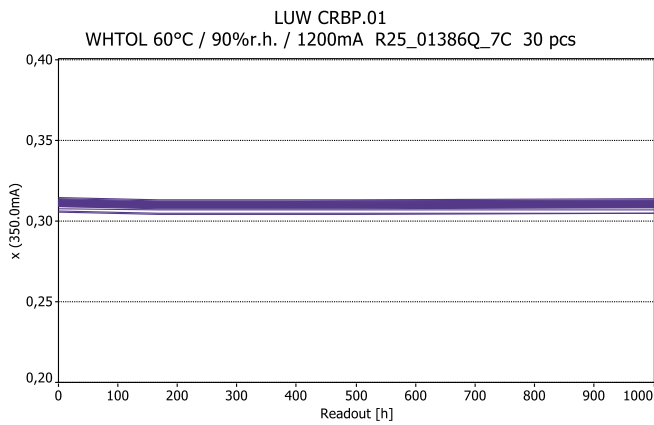
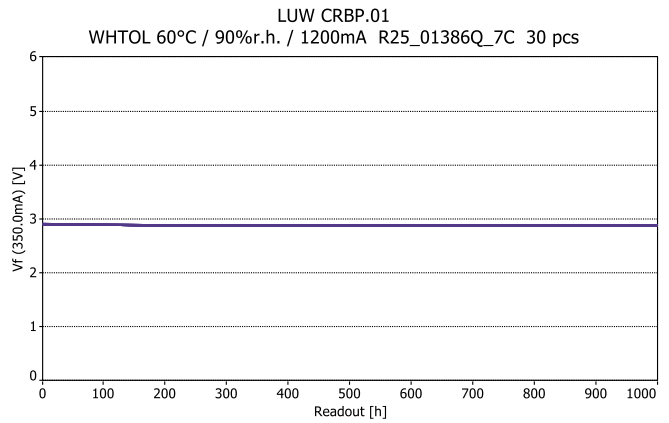
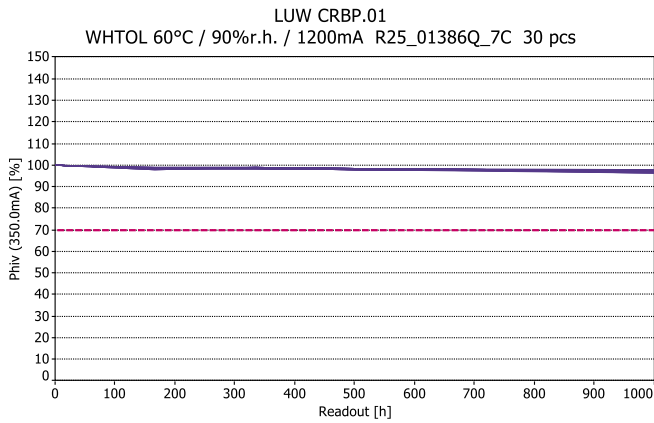
Lot A



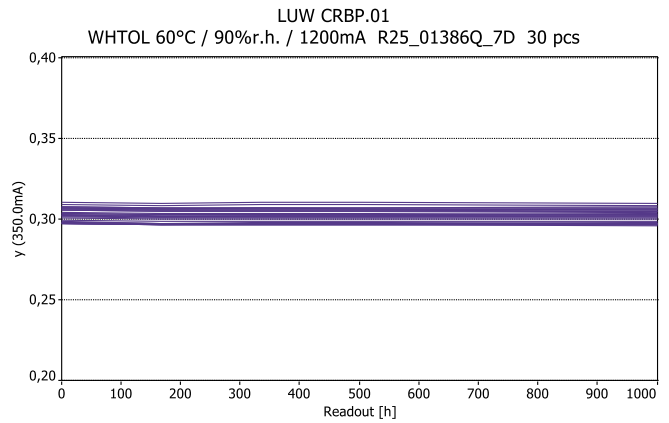
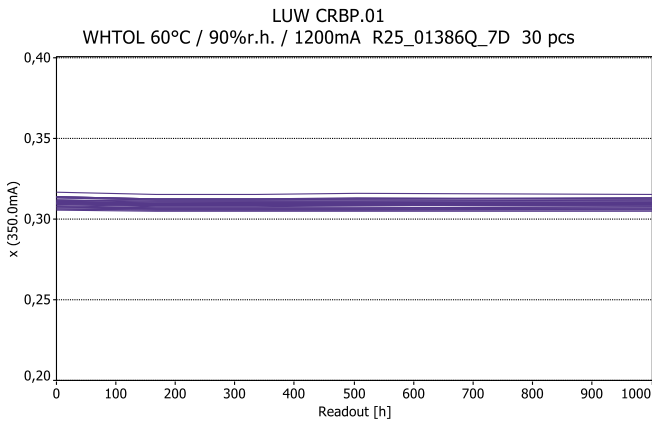
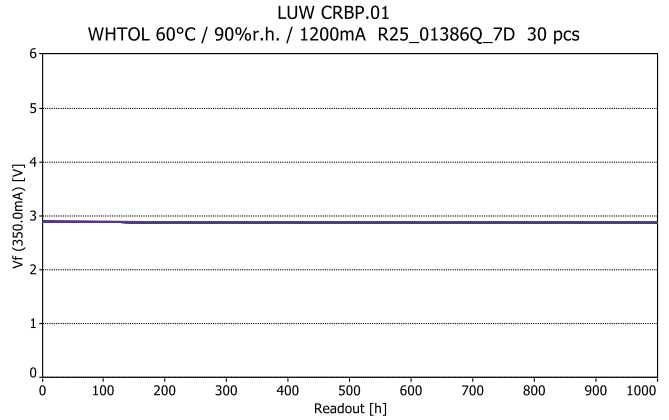
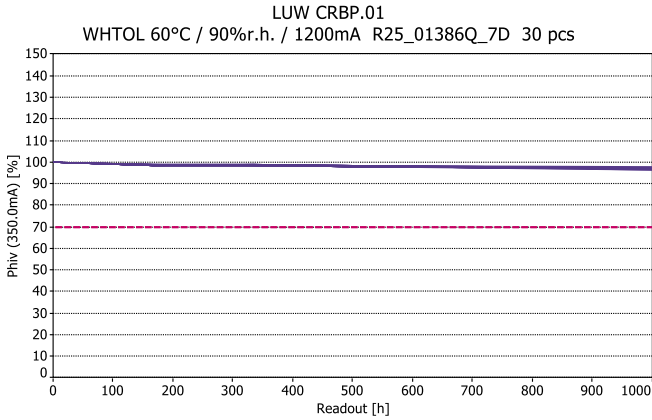
Lot B



Lot C

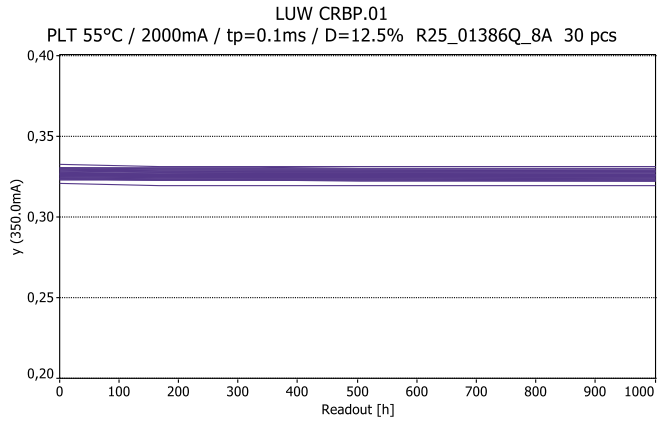
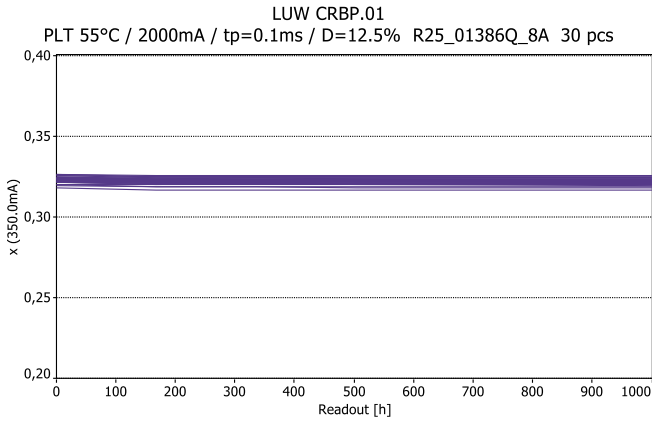
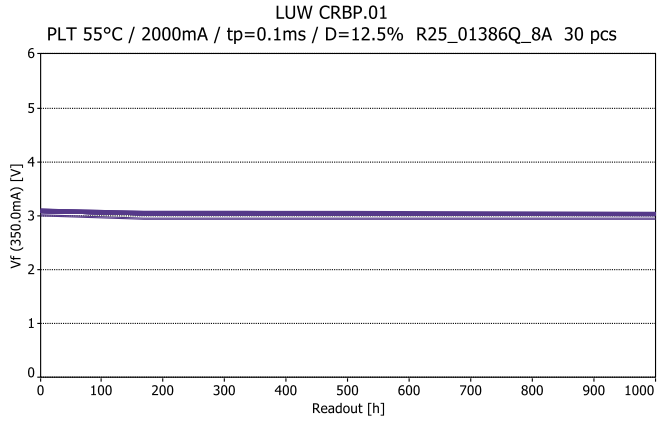
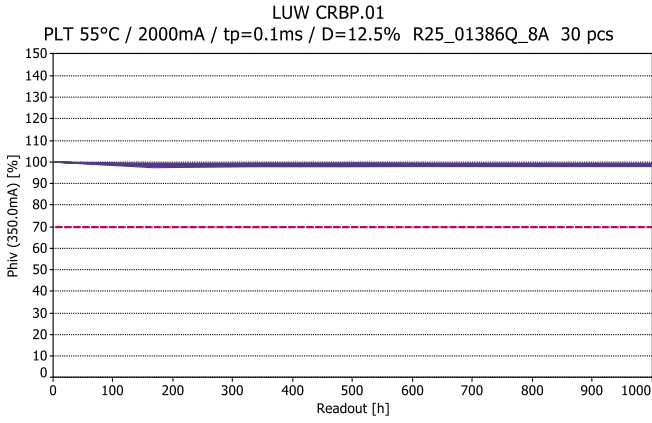


Lot D

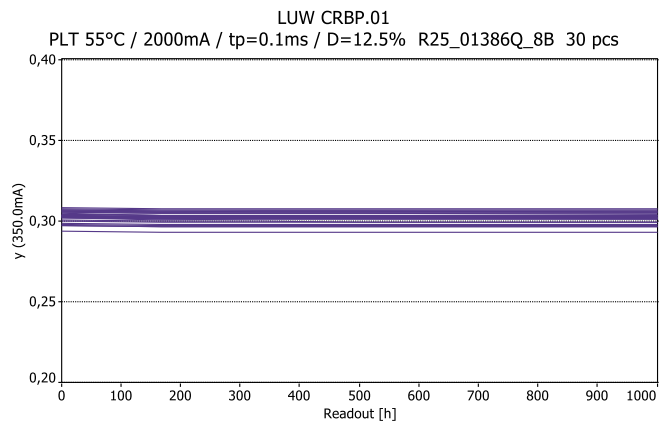
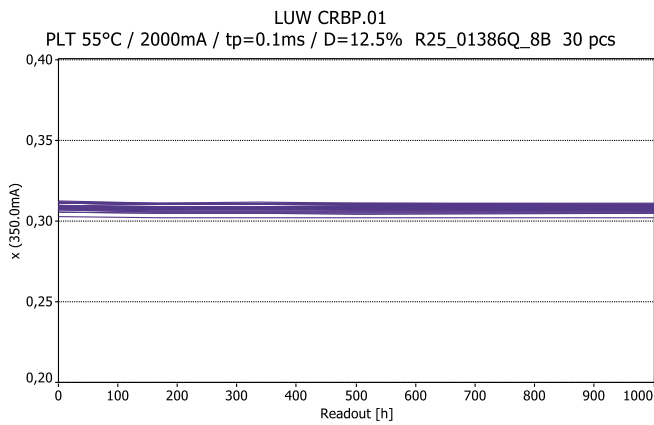
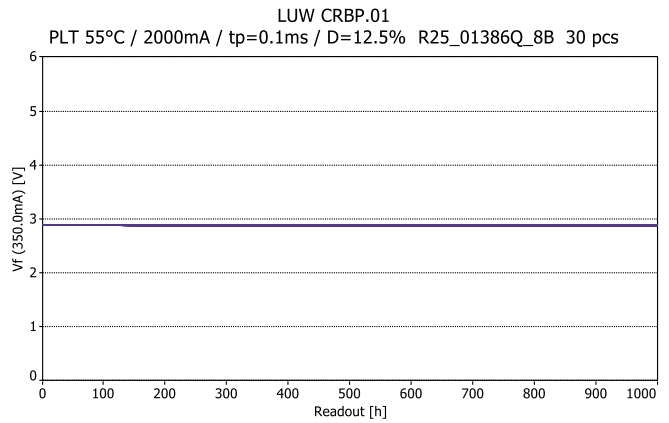
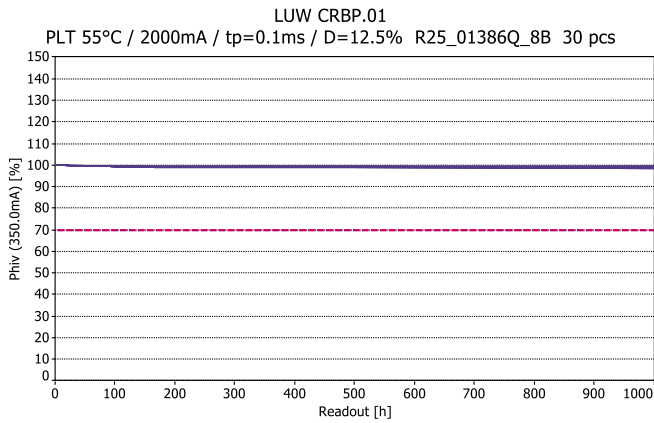


PLT 55°C / 2000mA / tp=0.1ms / D=12.5%

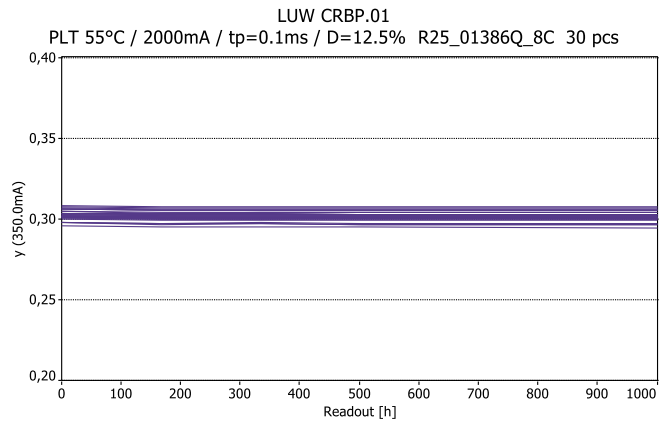
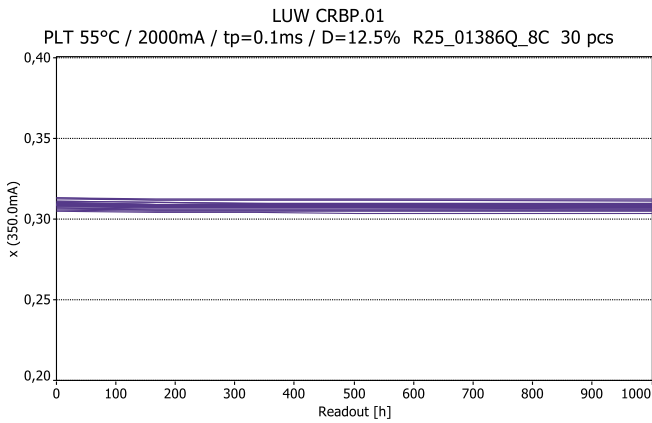
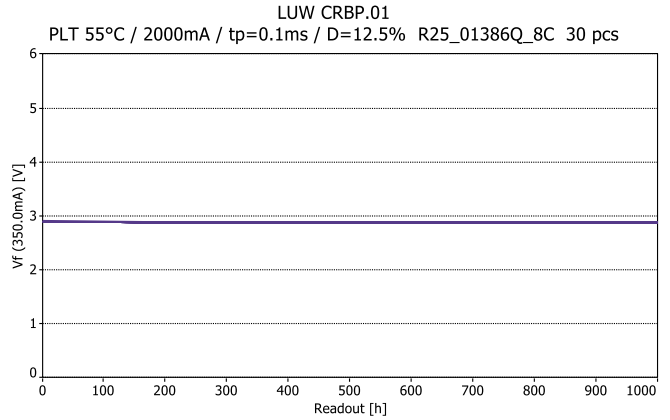
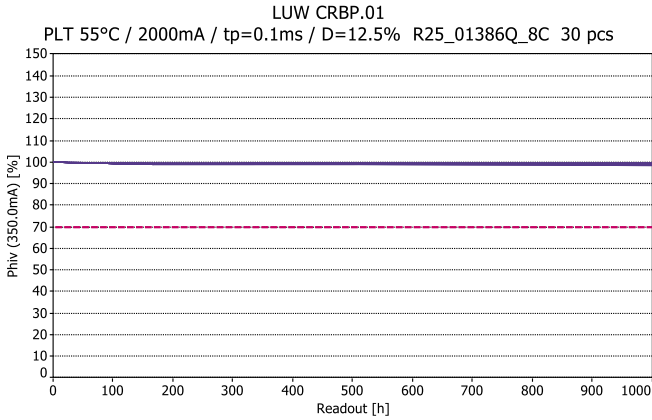
Lot A



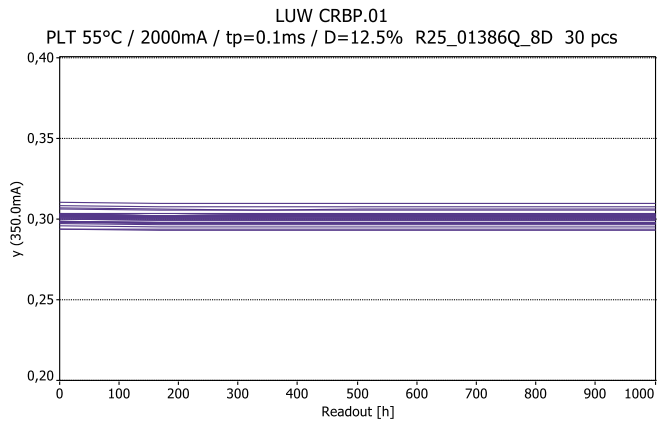
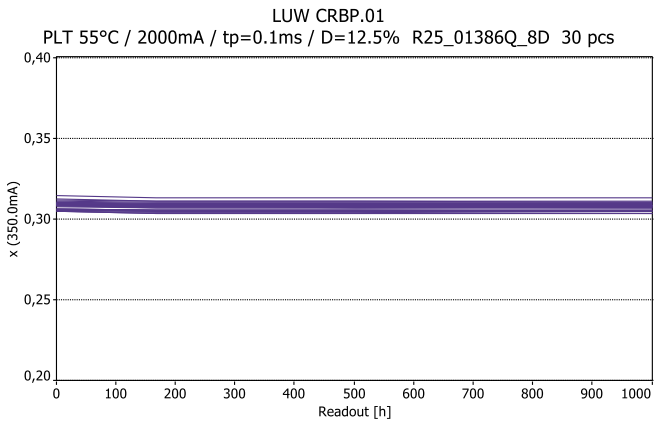
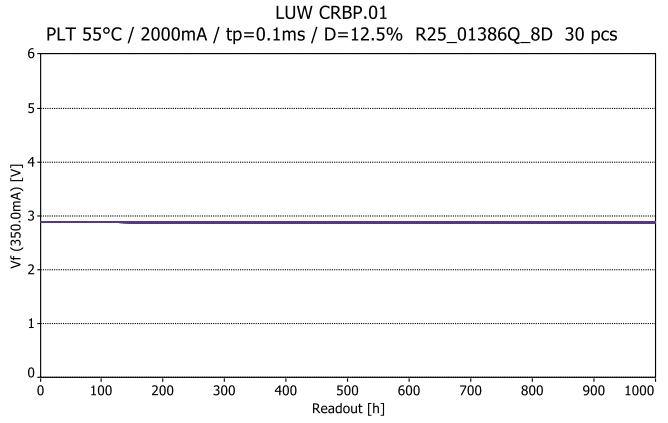
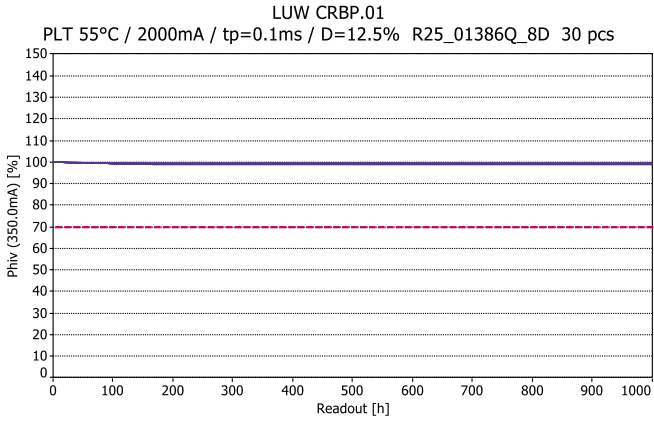
Lot B



Lot C

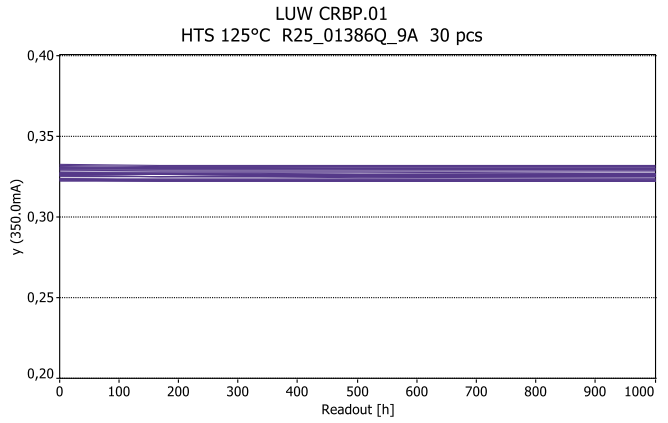
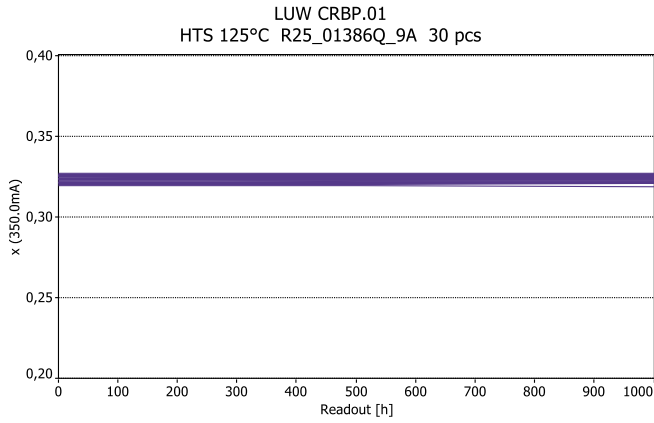
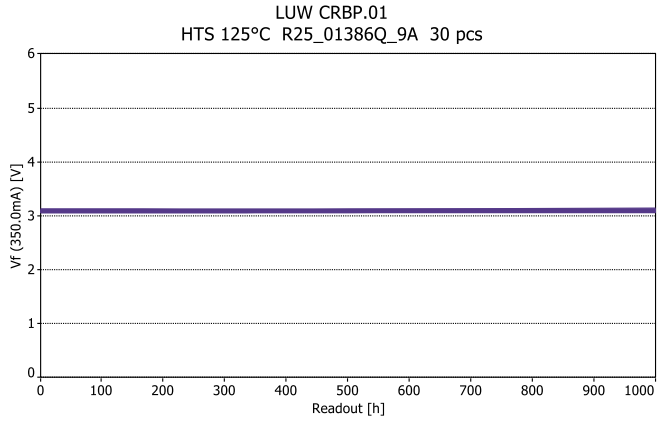
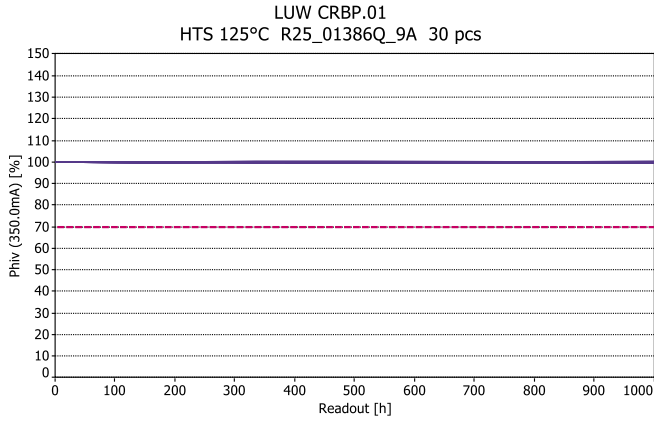


Lot D

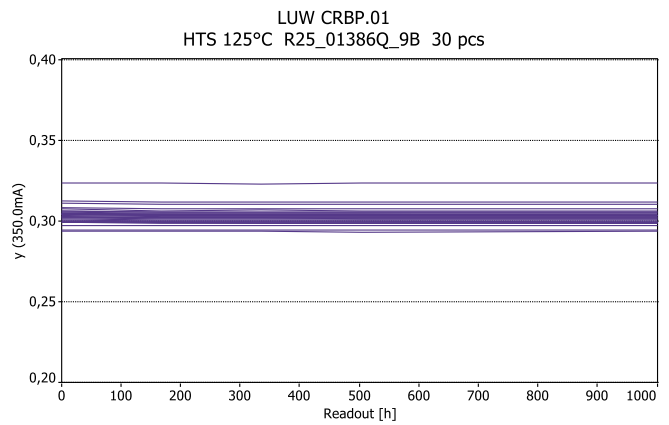
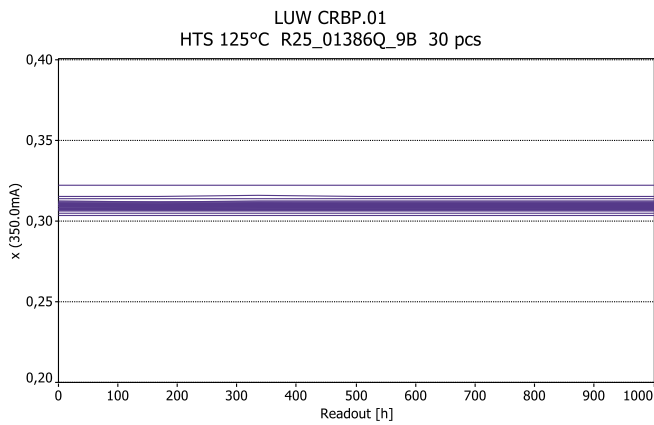
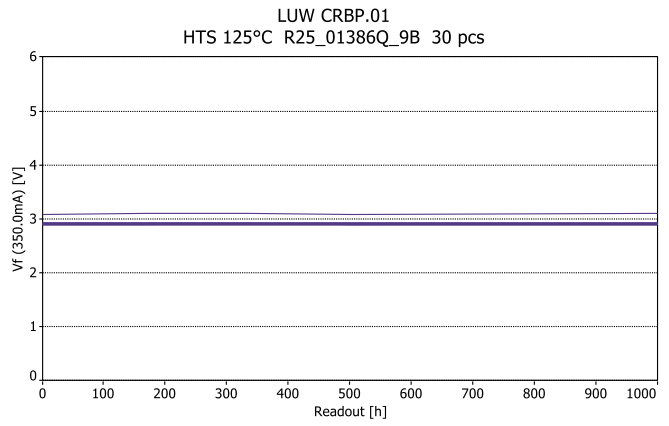
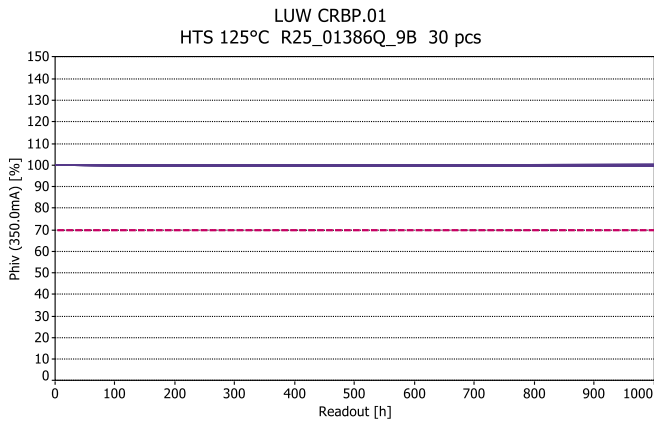


HTS 125°C

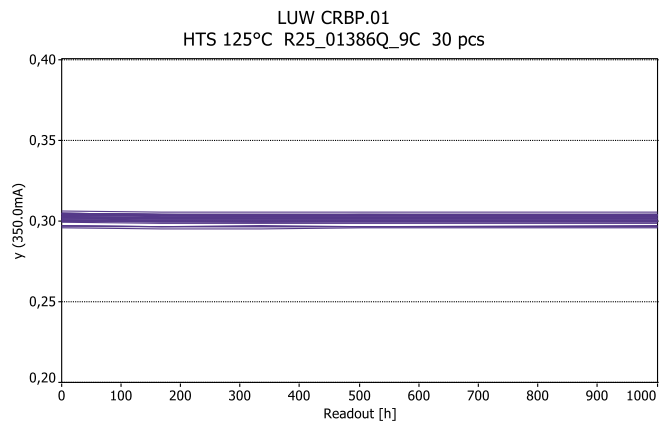
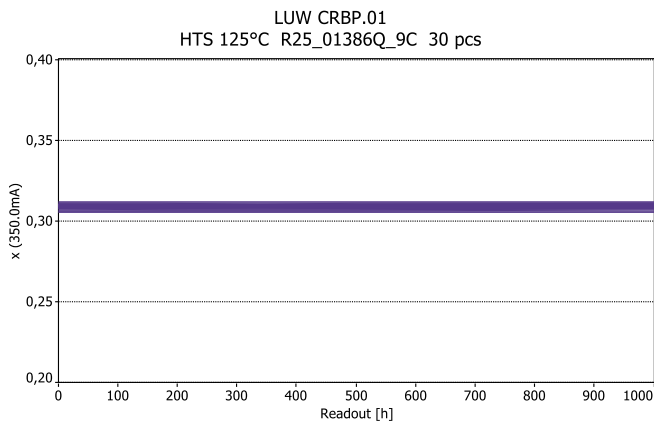
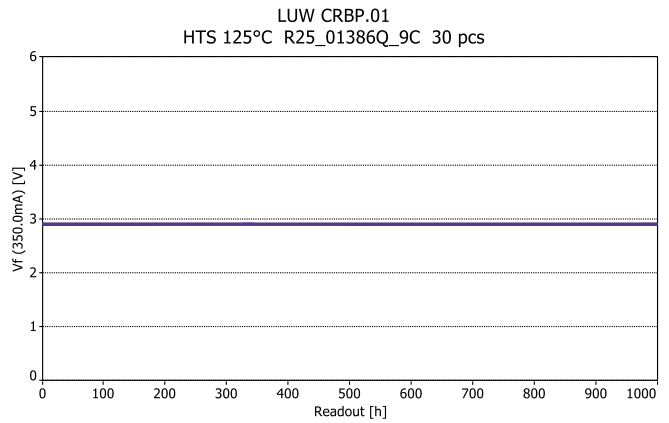
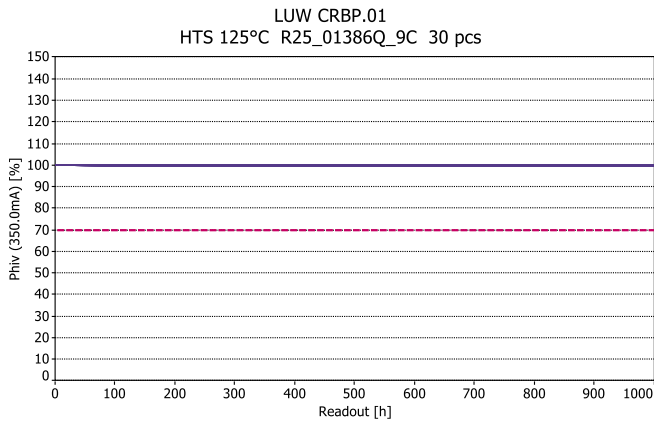
Lot A



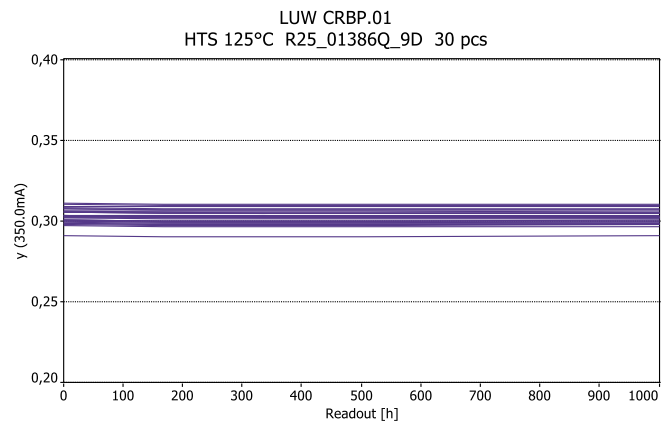
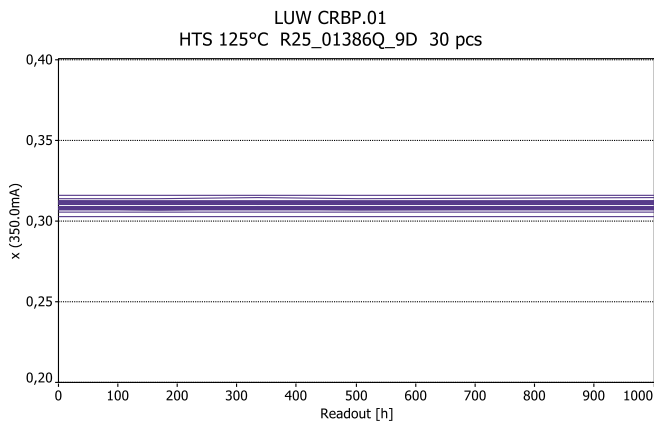
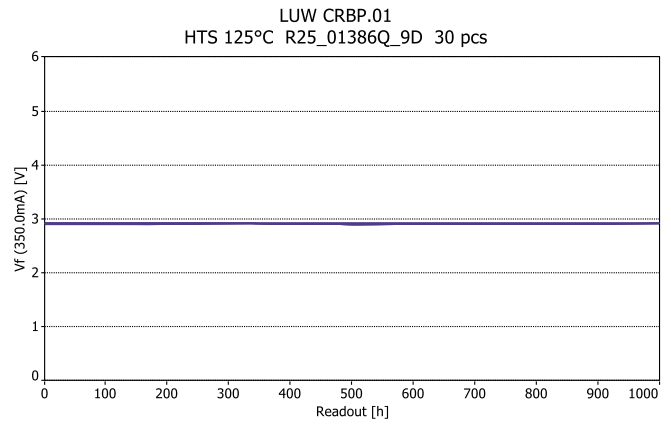
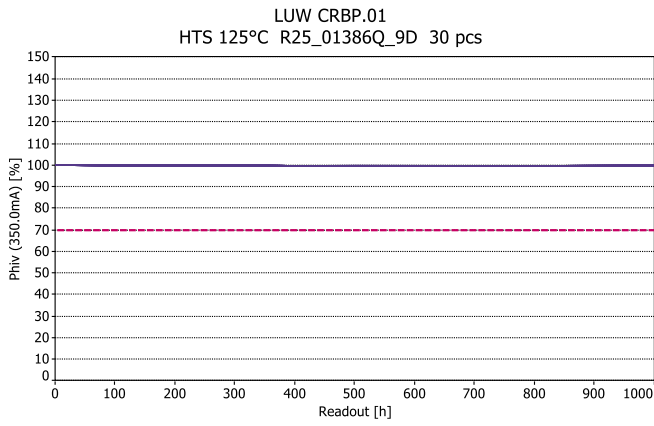
Lot B



Lot C

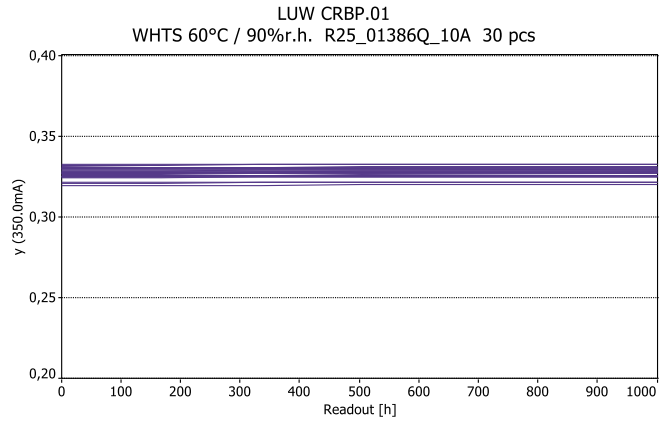
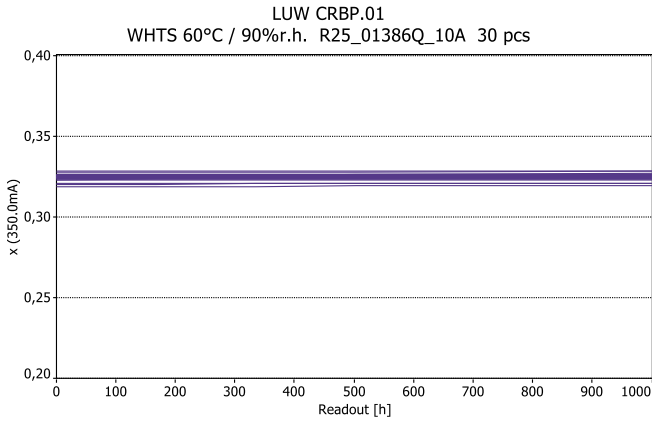
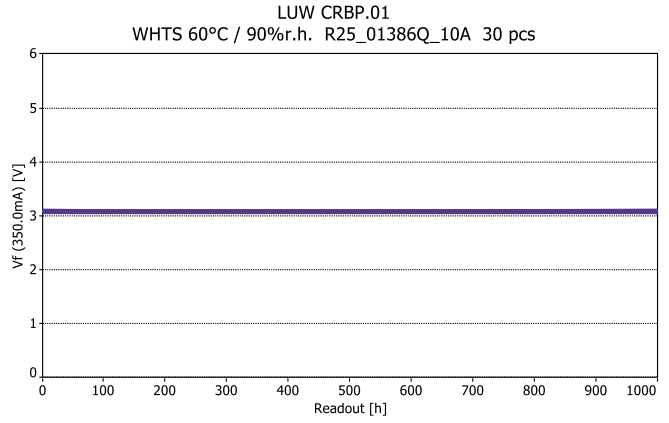
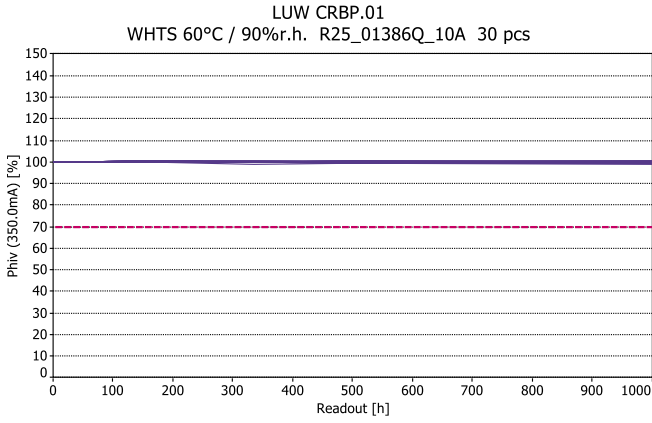


Lot D

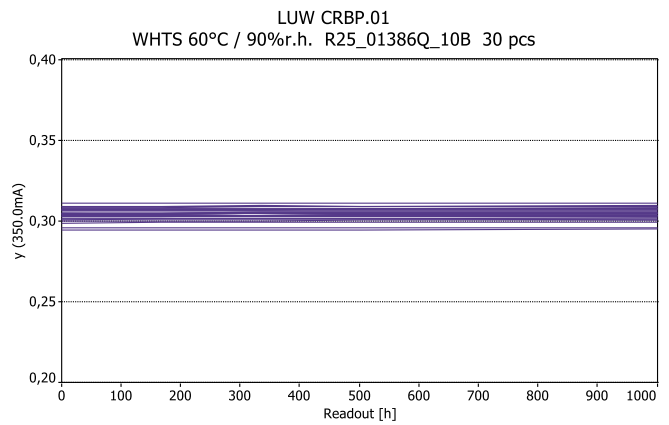
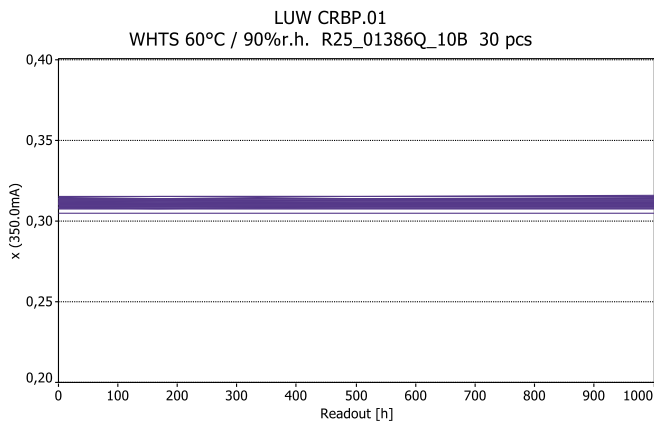
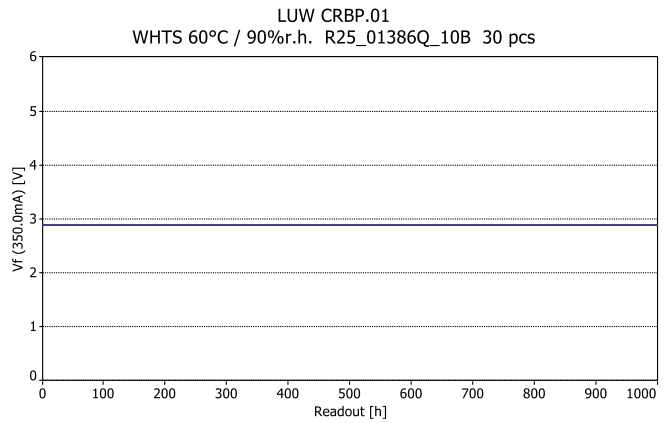
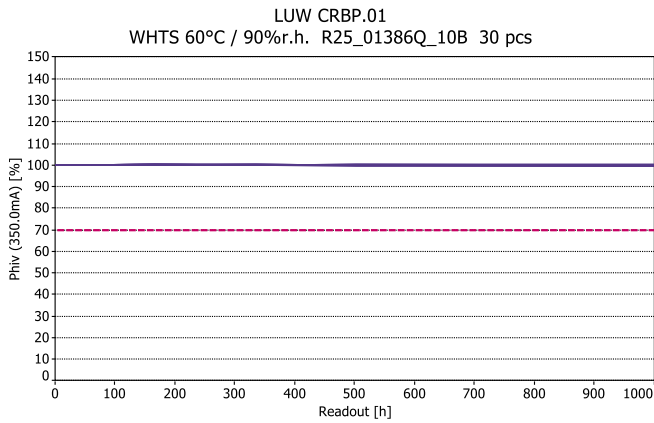


WHTS 60°C / 90%r.h.

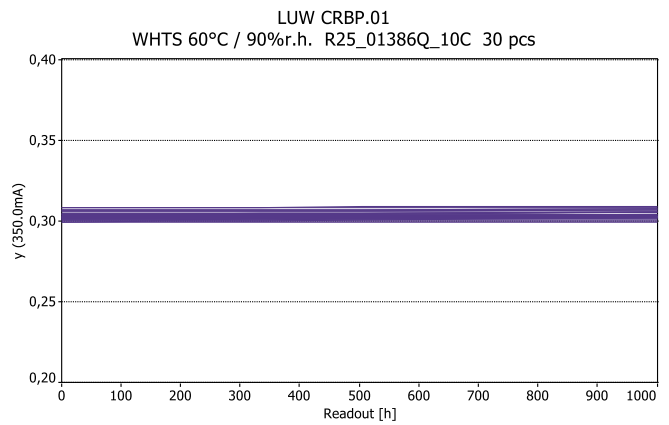
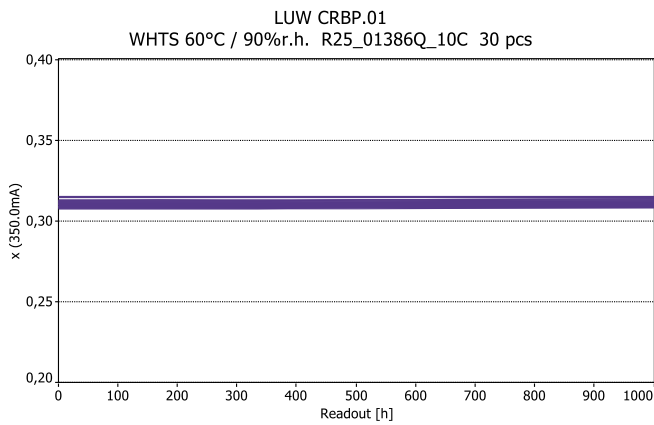
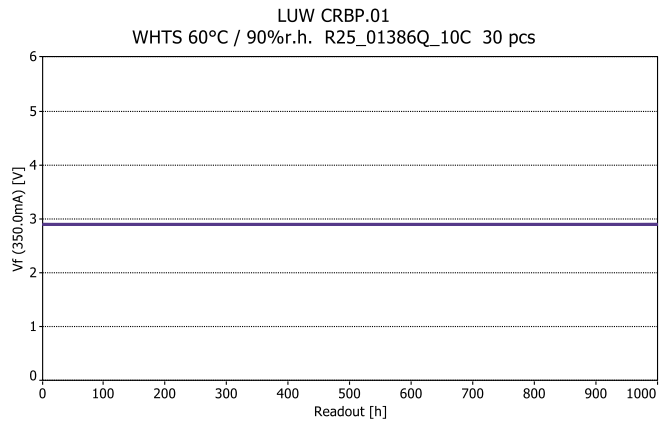
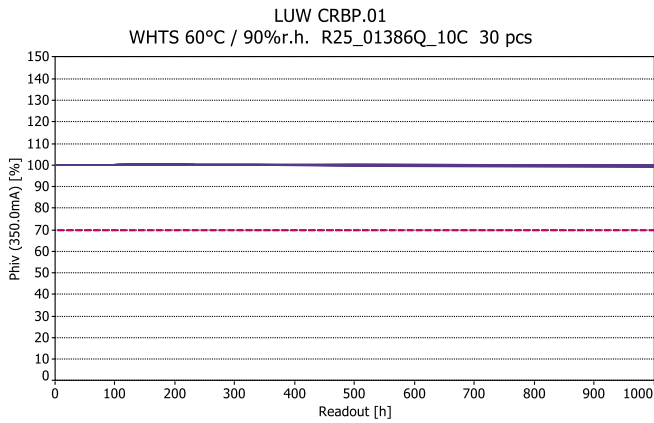
Lot A



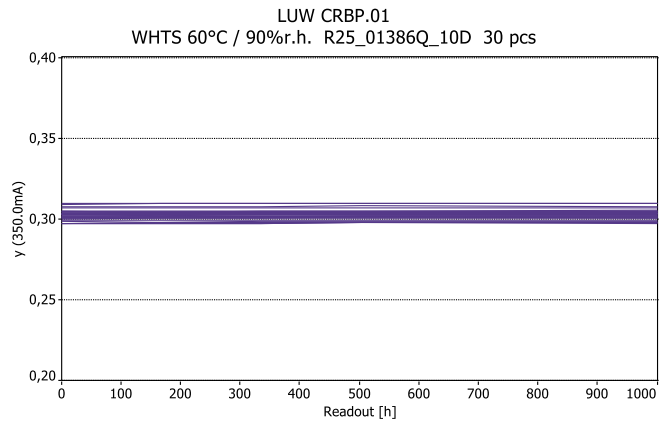
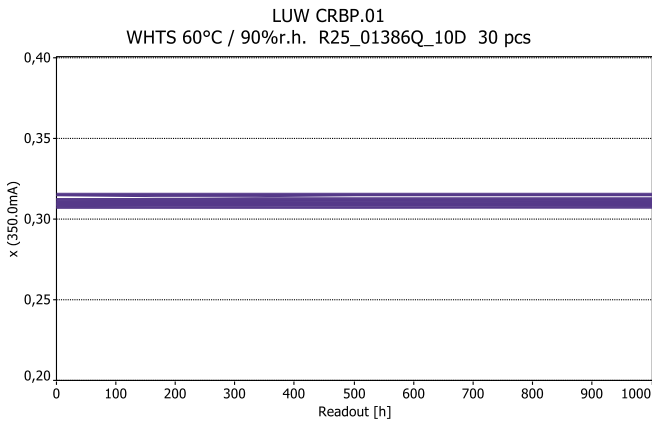
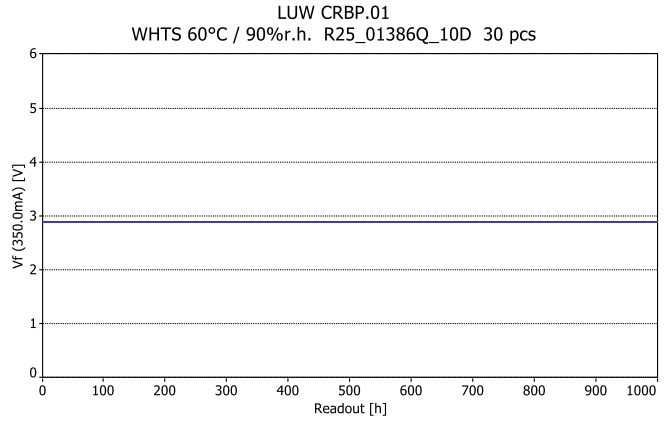
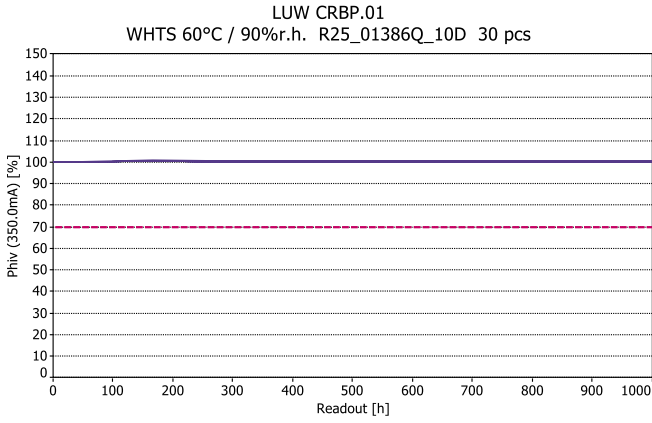
Lot B



Lot C

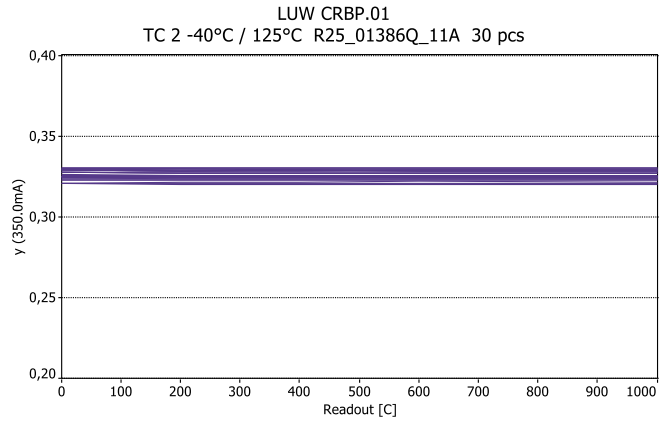
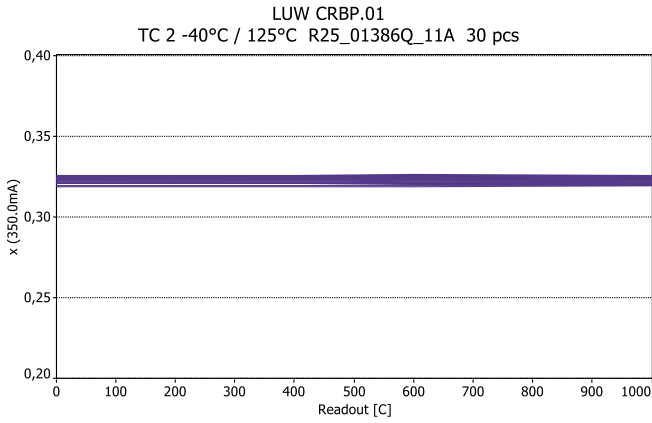
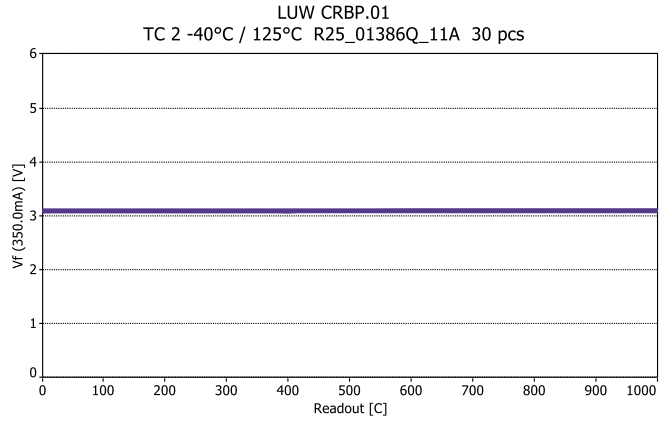
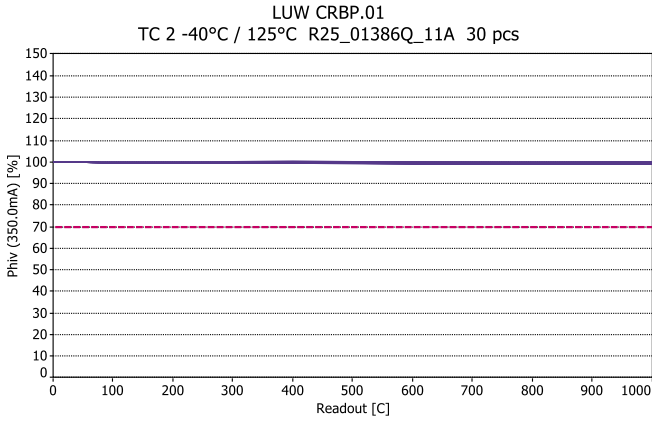


Lot D

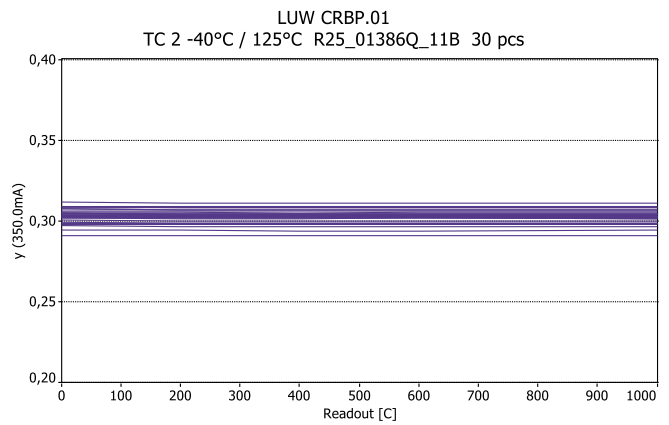
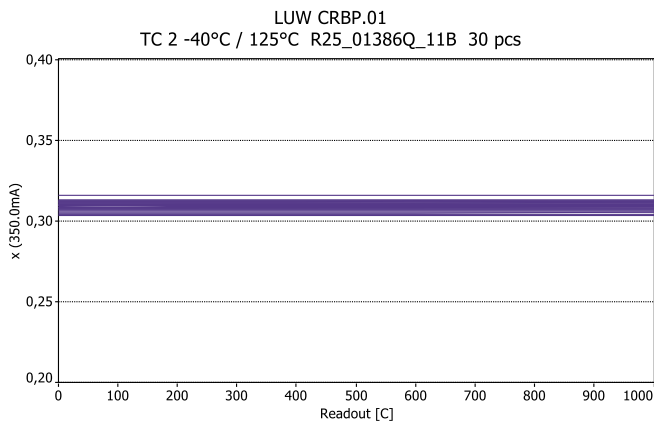
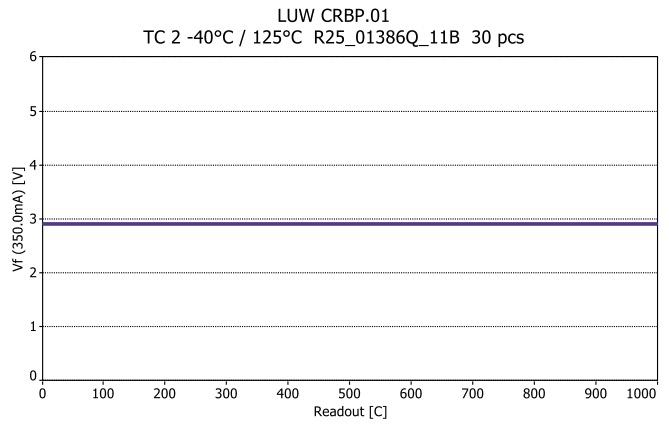
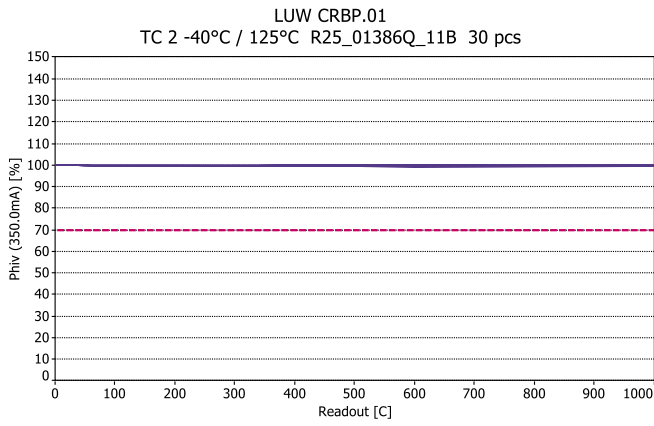


TC -40°C / 125°C

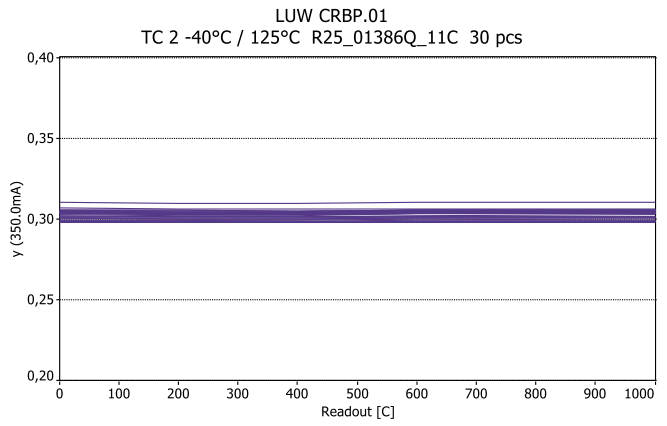
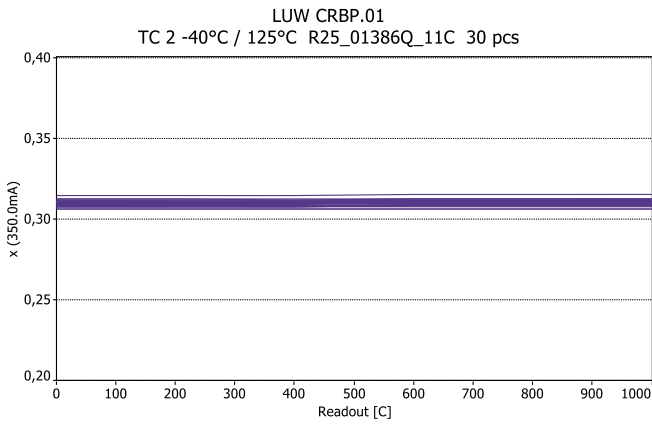
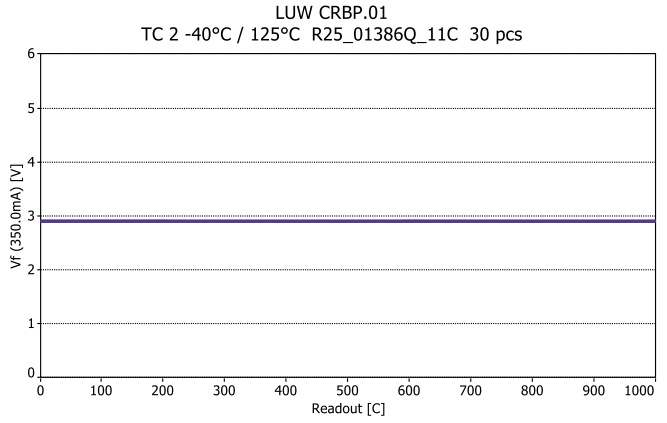
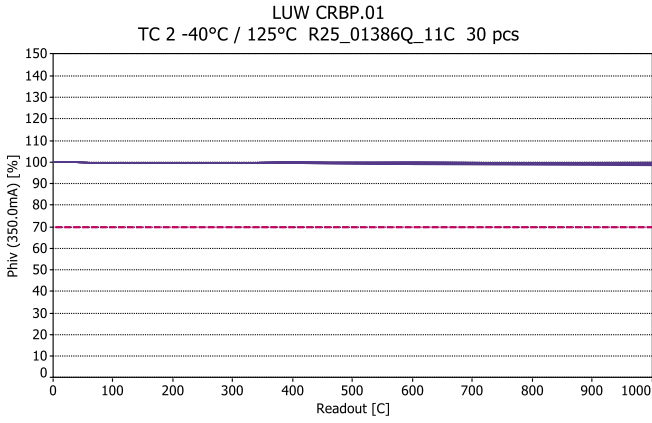
Lot A



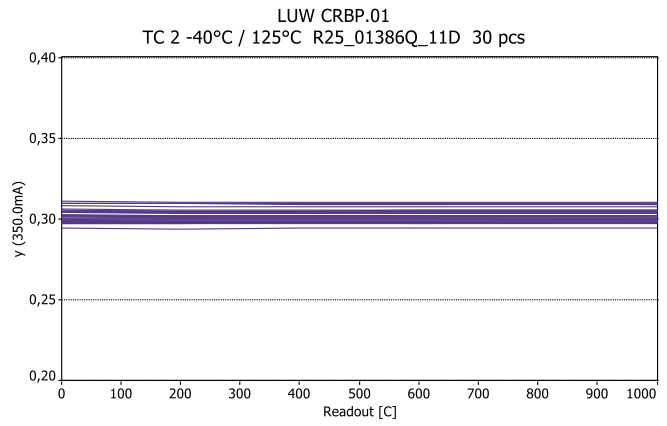
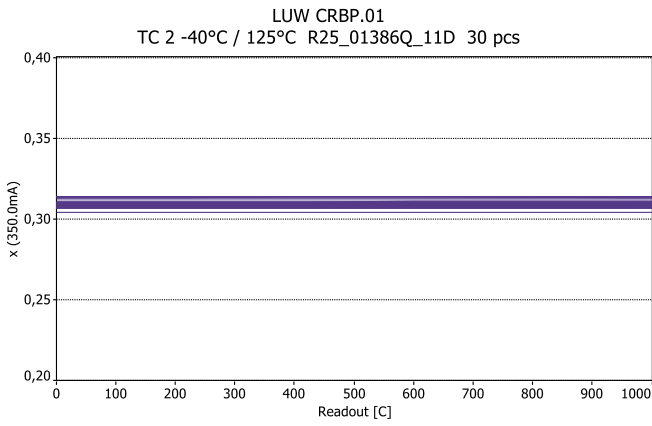
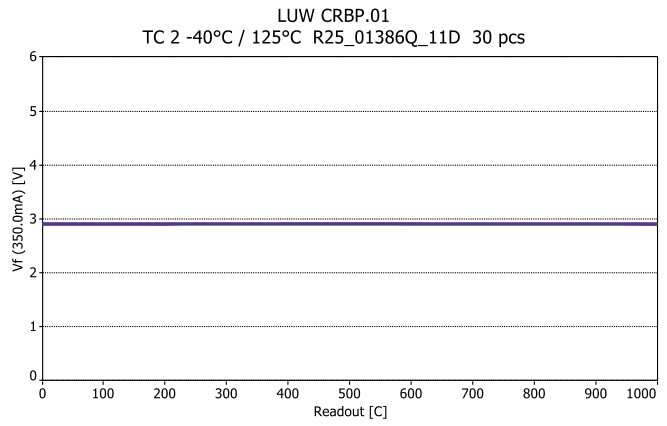
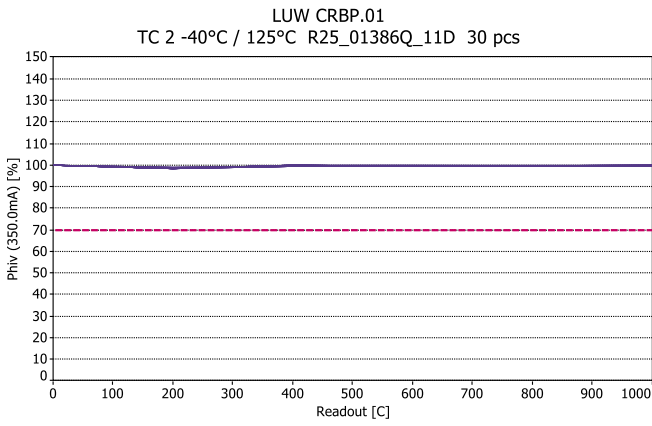
Lot B



Lot C

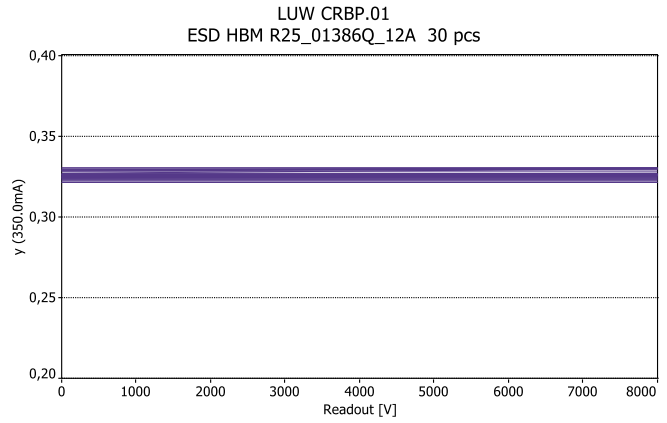
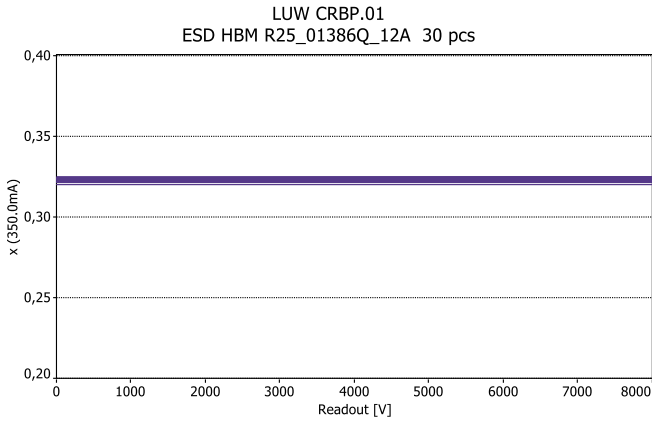
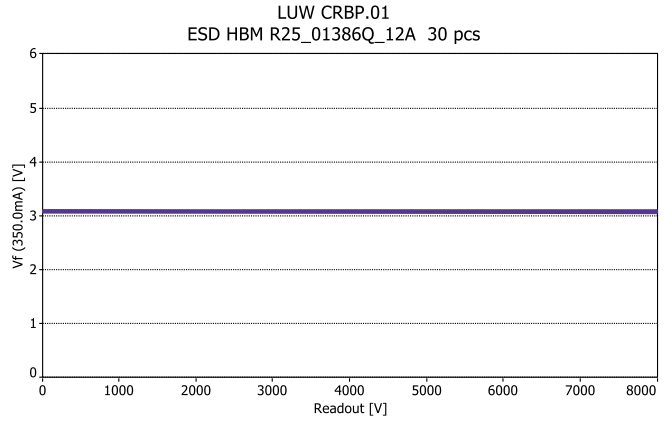
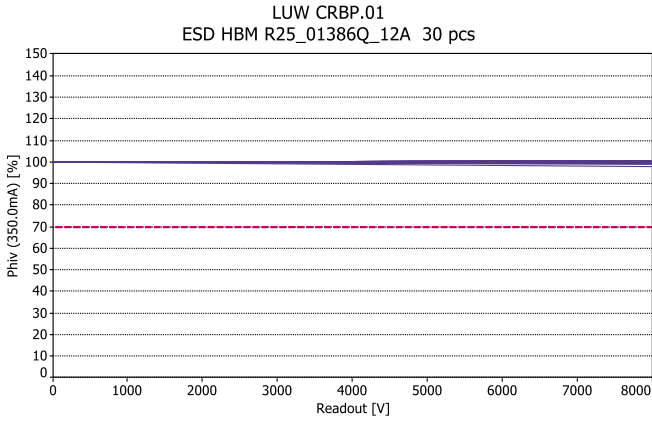


Lot D

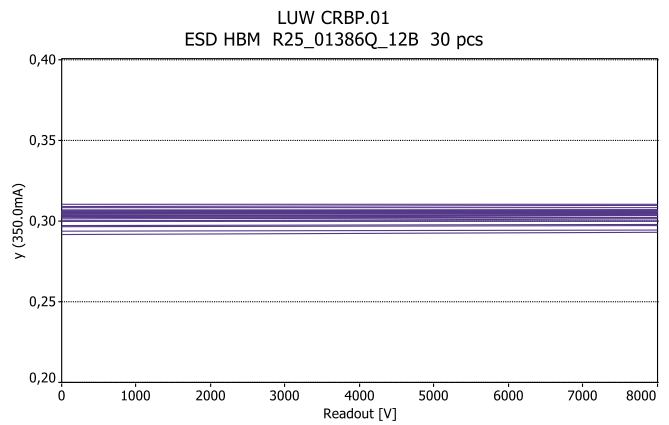
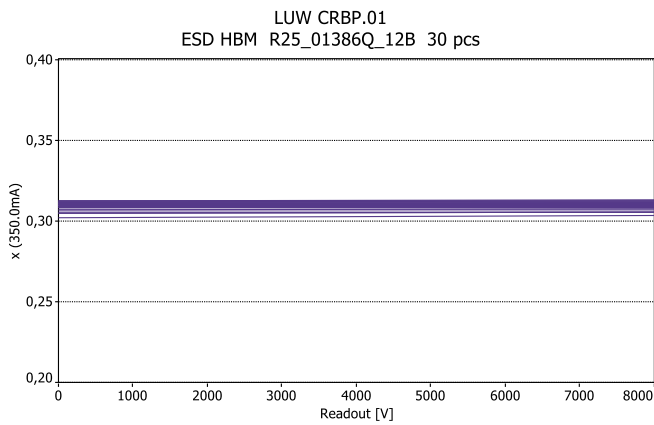
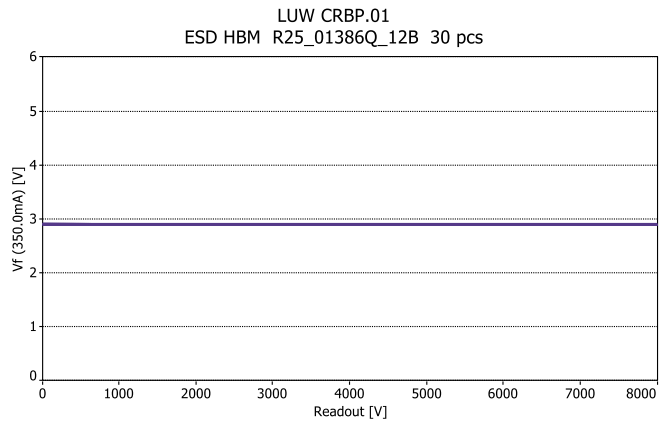
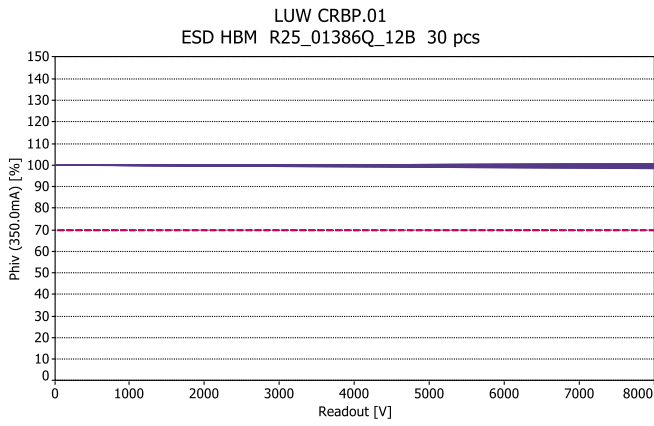


ESD HBM

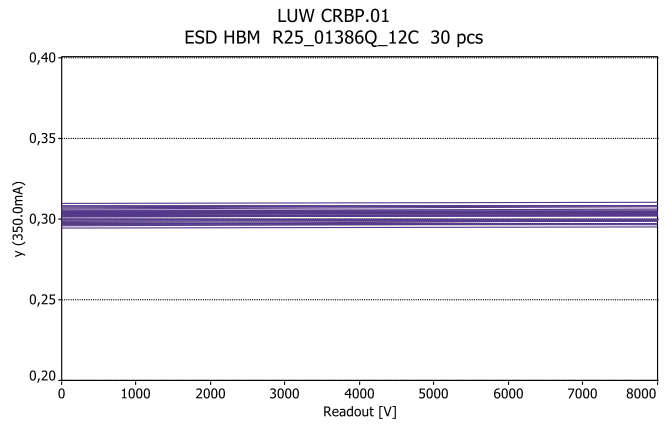
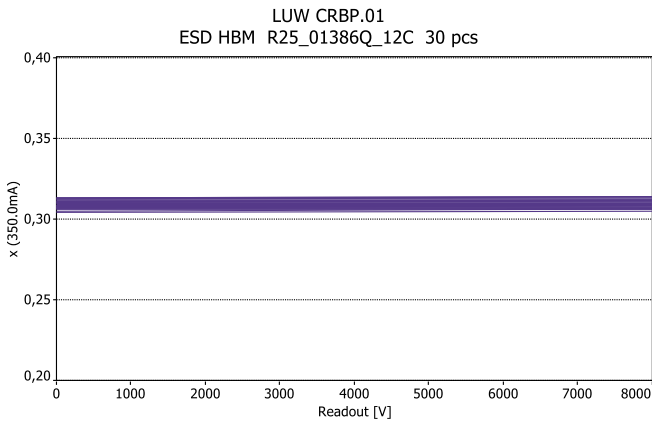
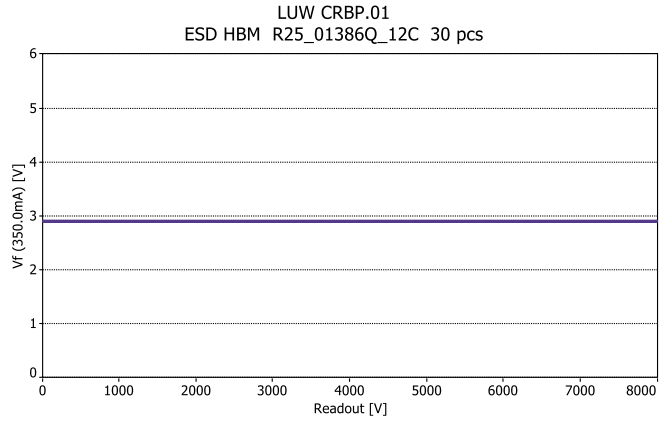
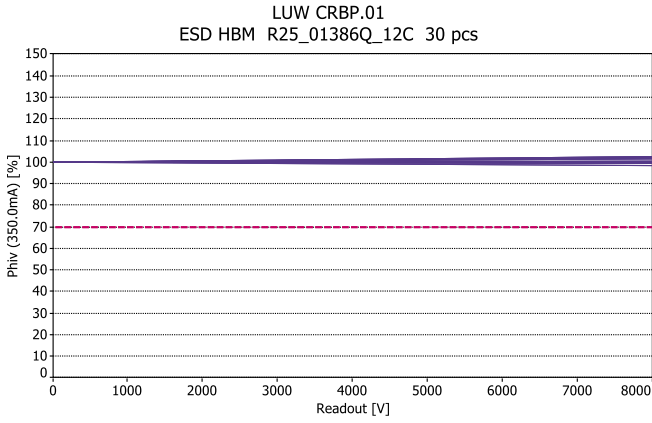
Lot A



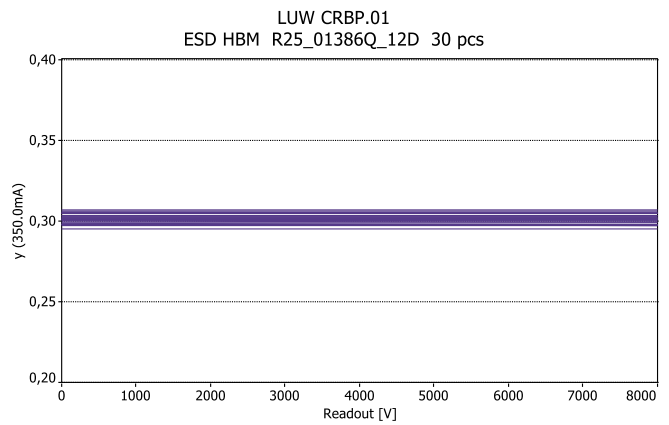
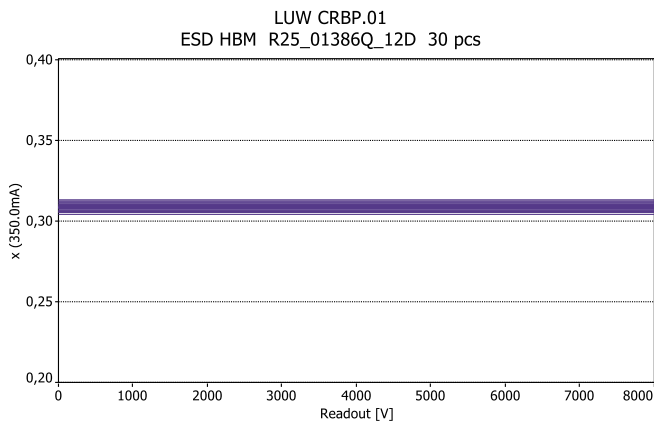
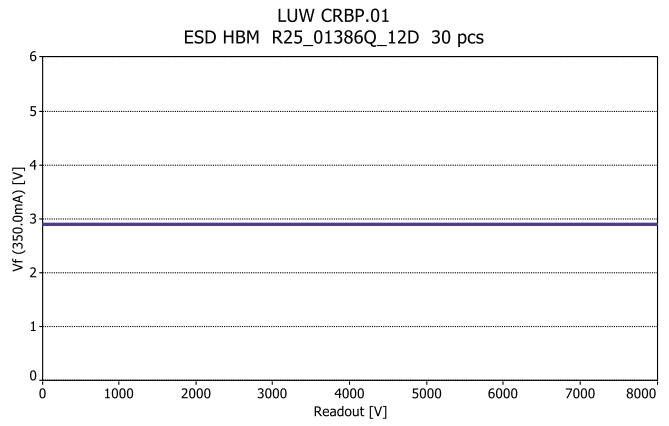
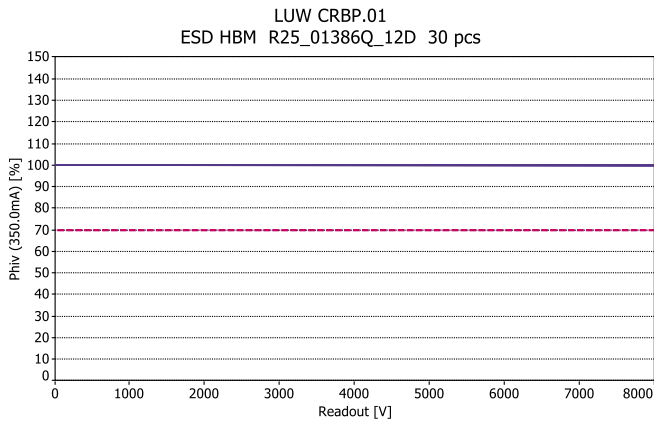
Lot B



Lot C

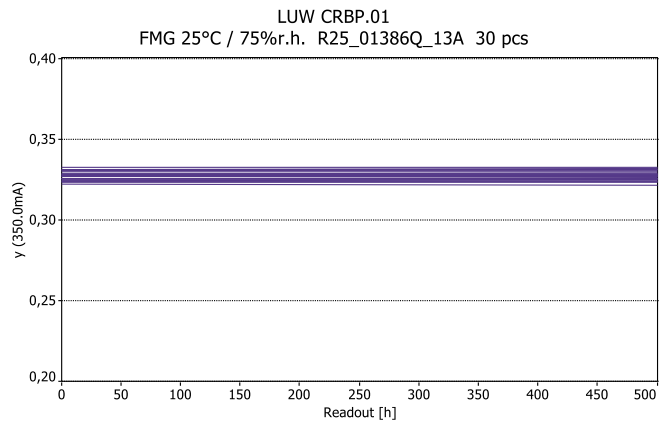
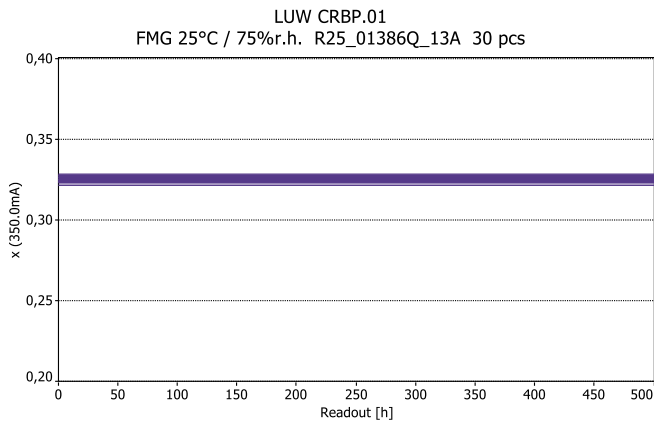
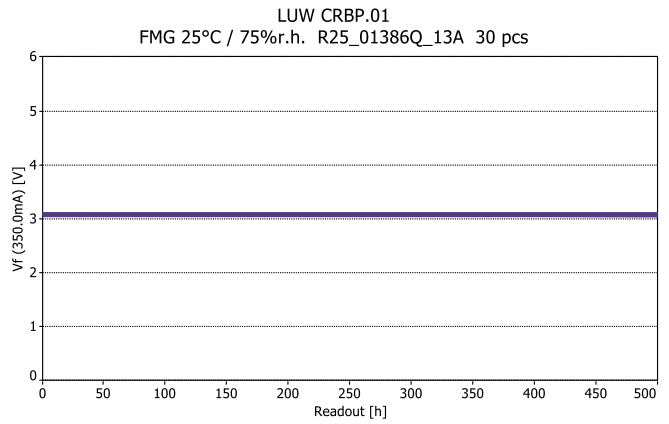
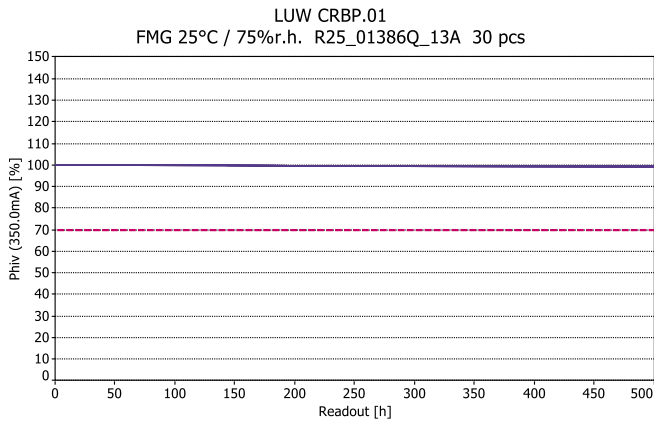


Lot D

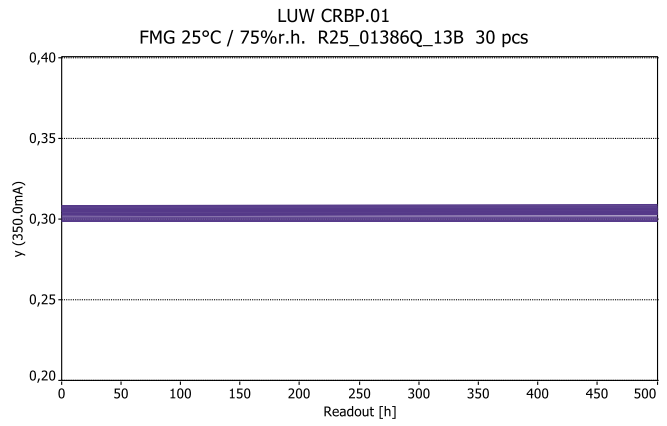
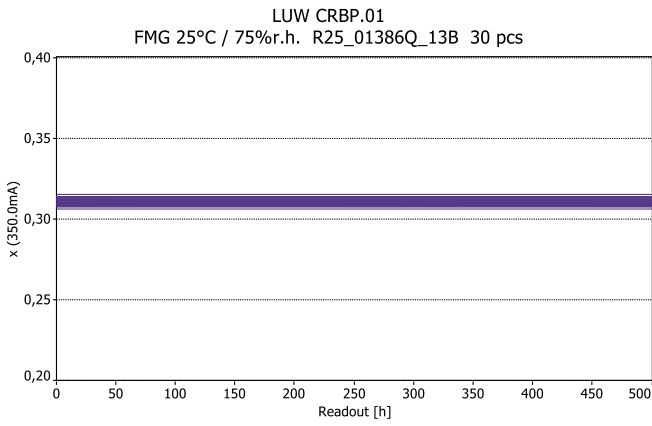
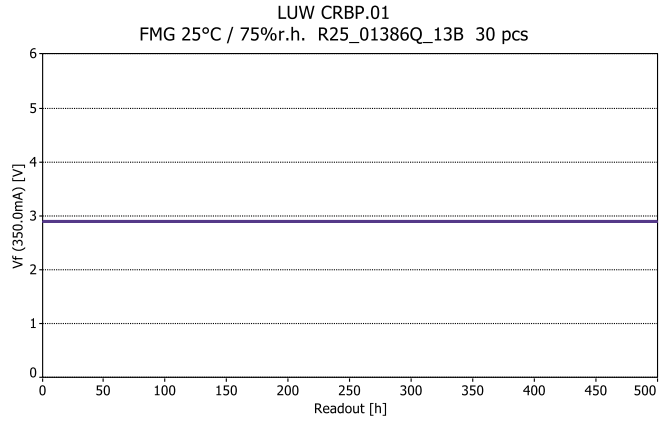
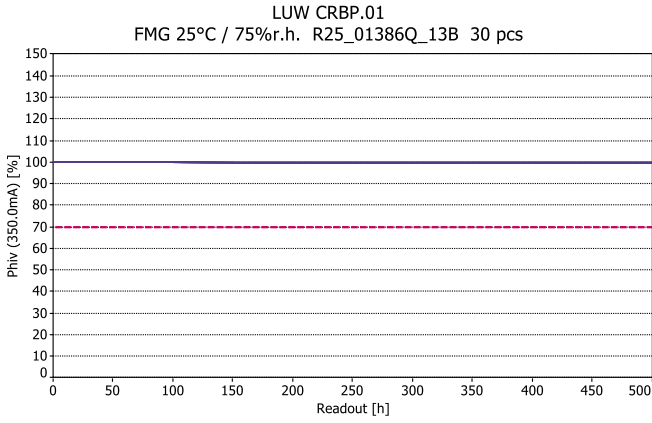


Gas corrosion test

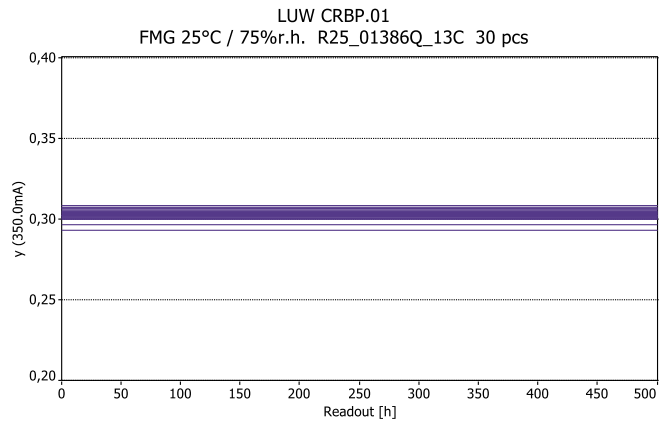
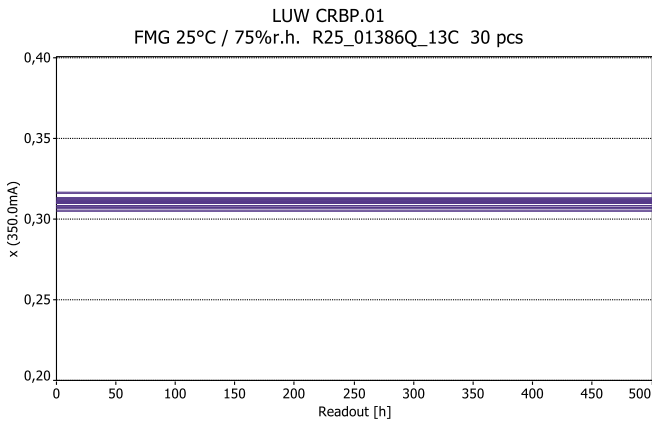
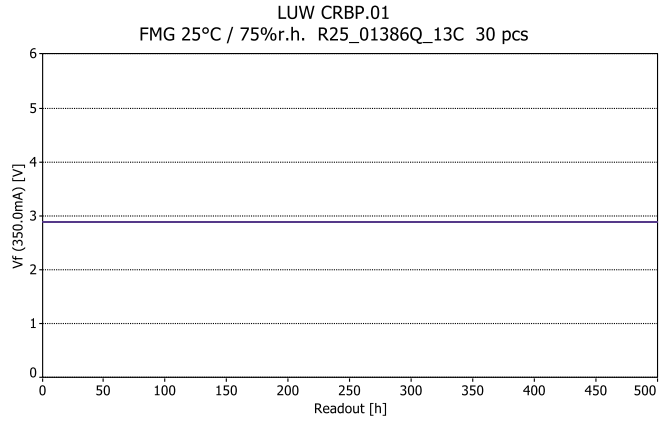
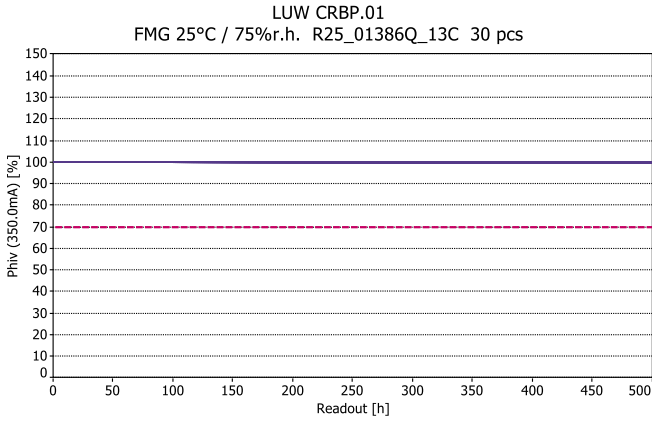
Lot A



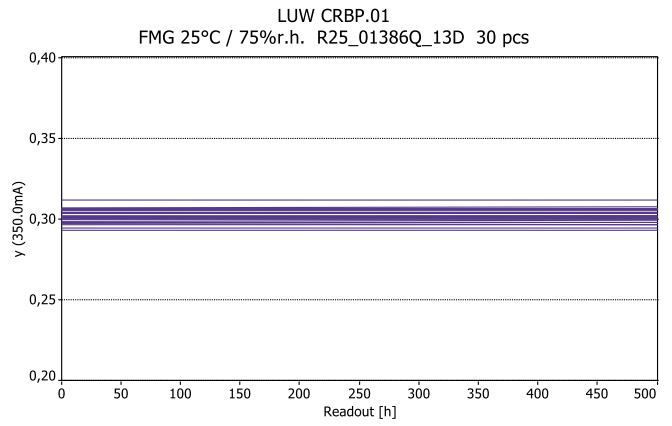
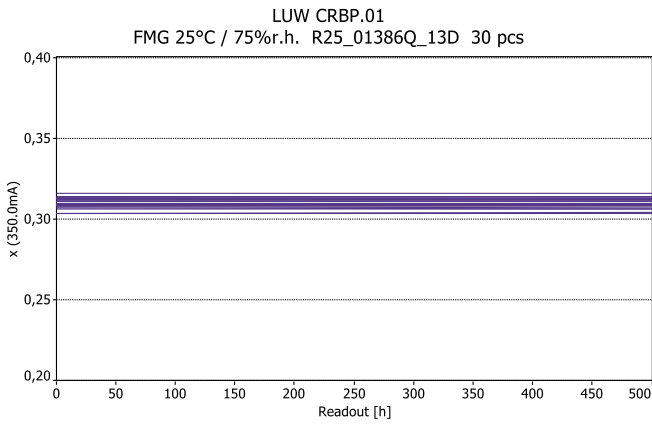
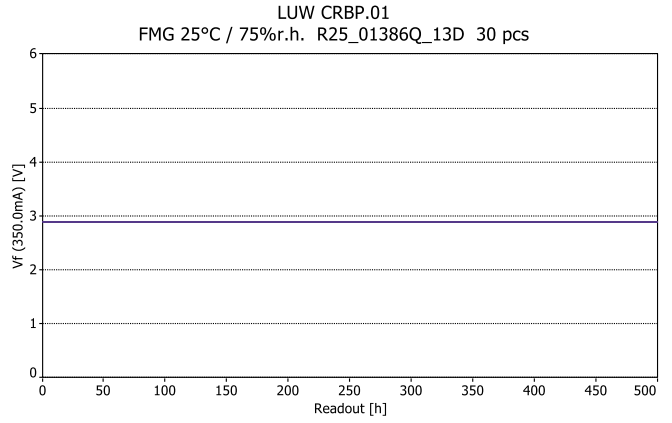
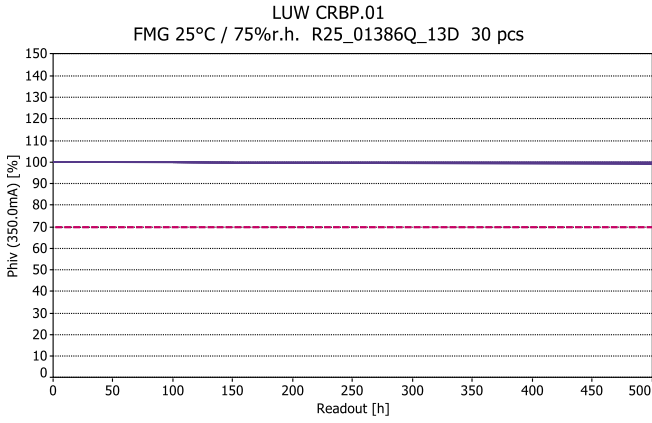
Lot B



Lot C

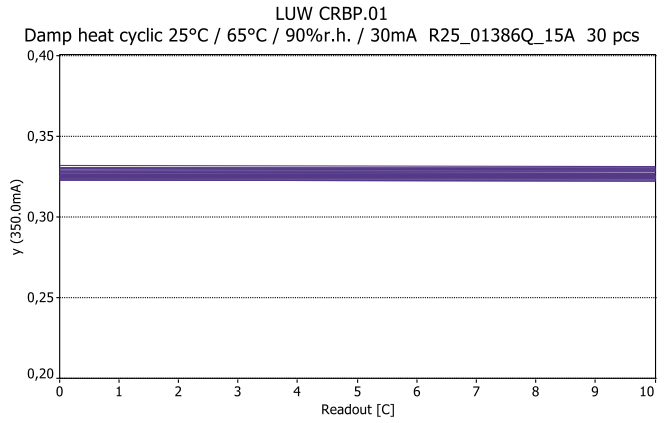
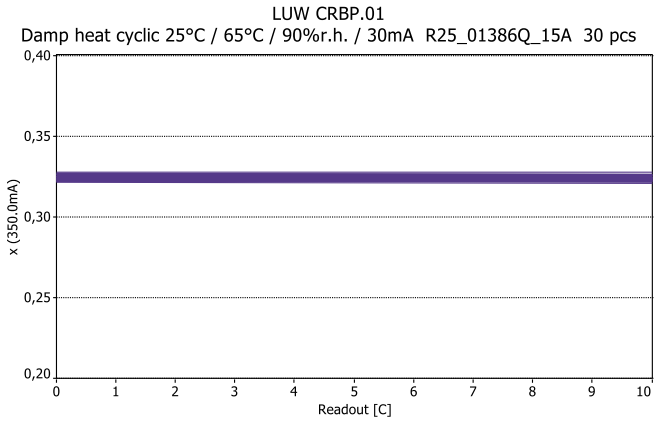
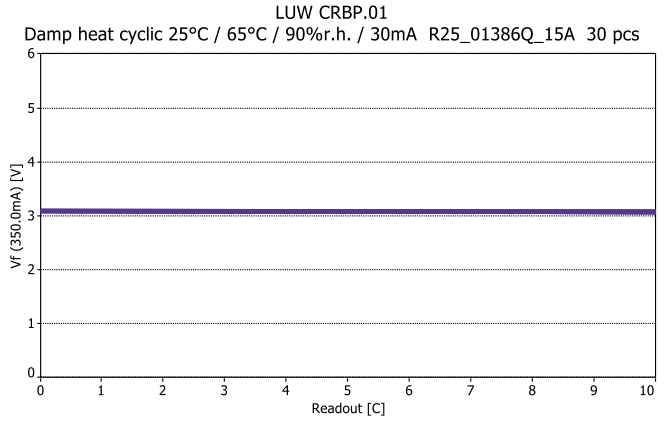
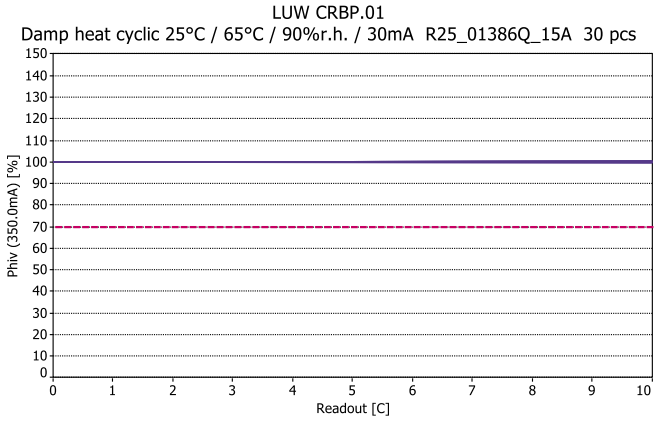


Lot D

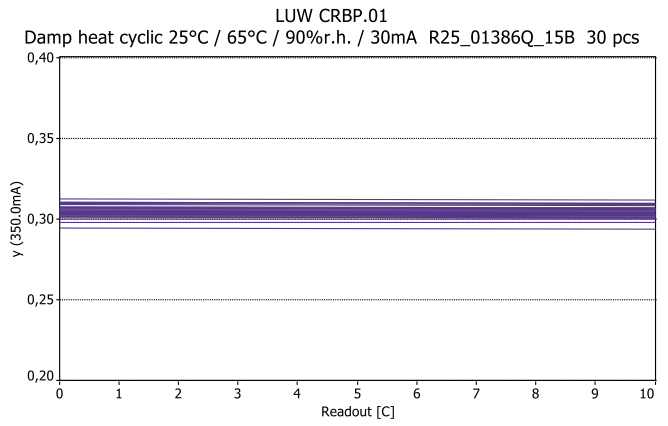
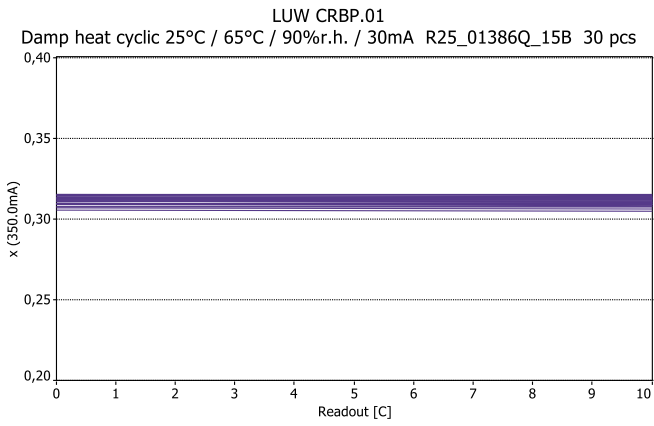
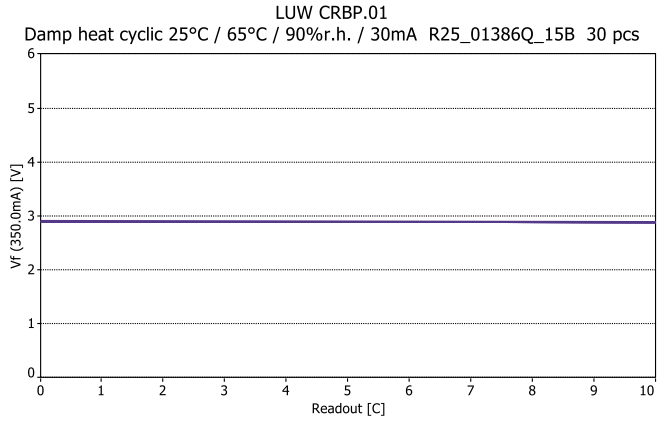
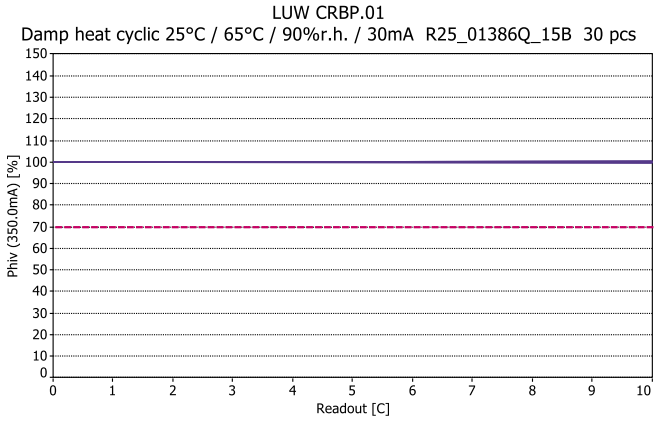


Damp heat cyclic 25°C / 65°C / 90%r.h. / 30mA

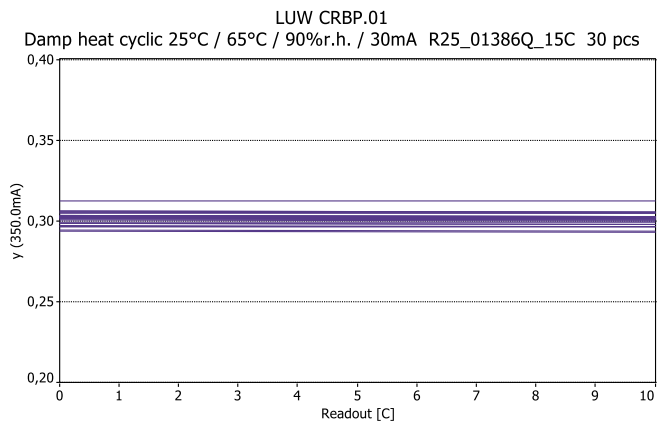
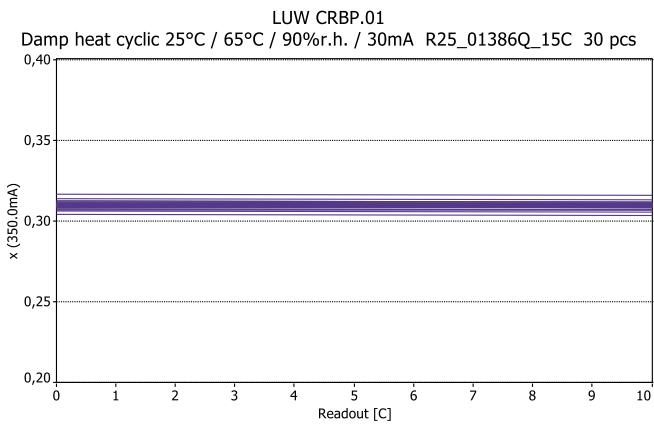
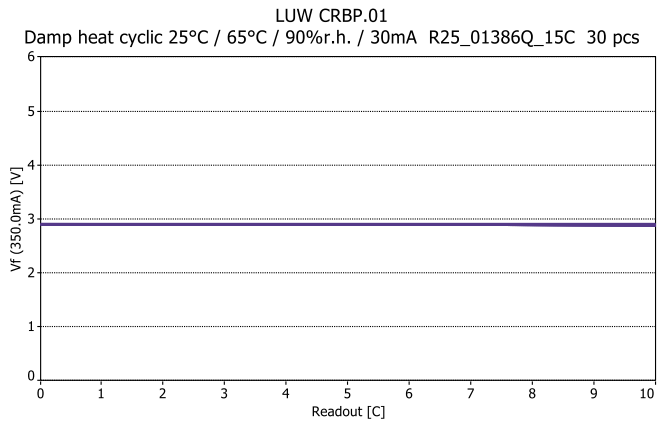
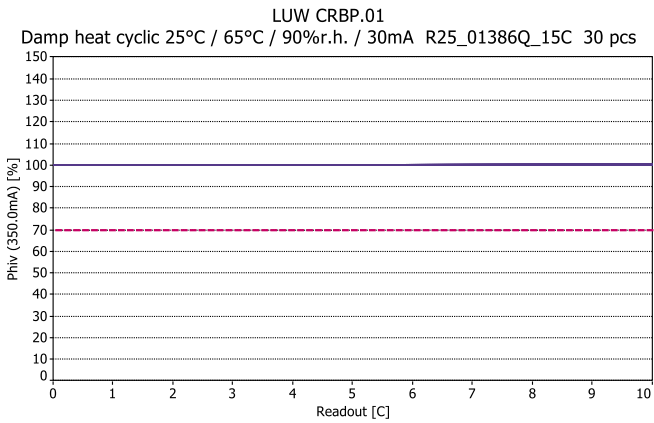
Lot A



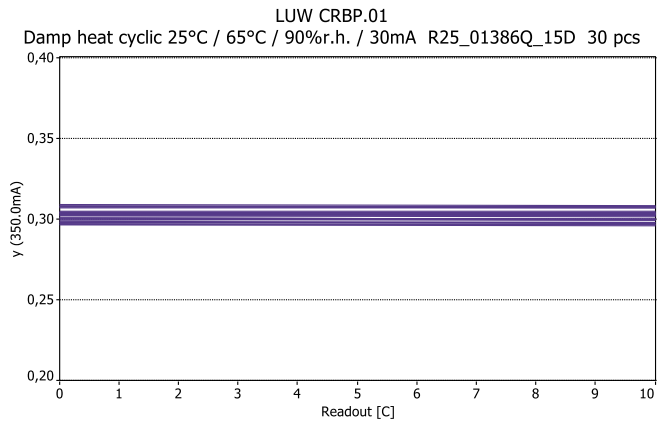
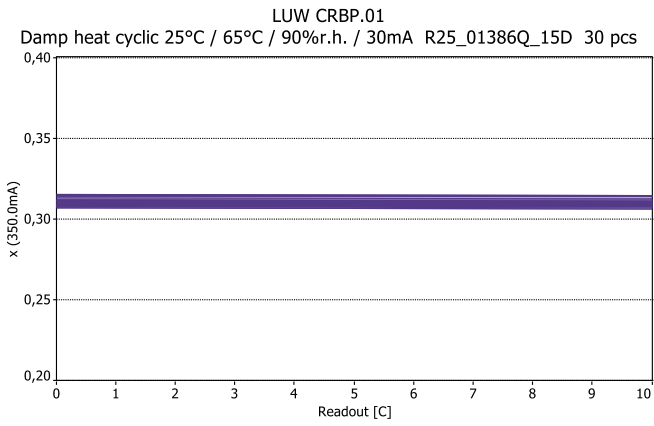
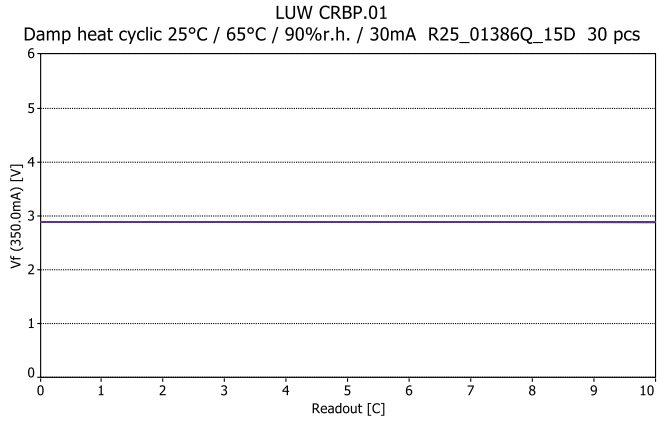
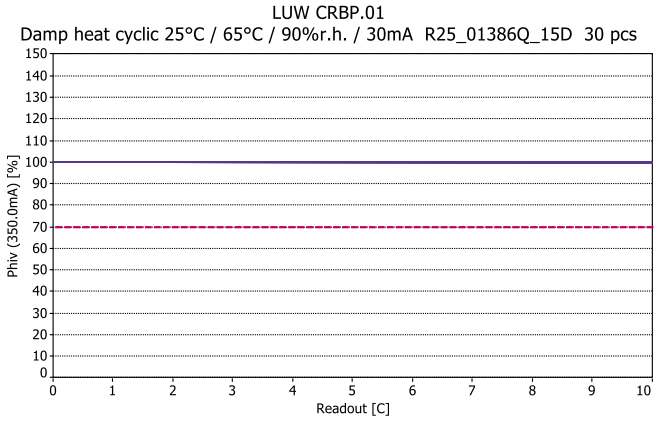
Lot B



Lot C



Lot D



END OF DOCUMENT