

Summary Report: VC1902-FD - Group A



Report Created By: Roger

Created On: 1/20/2023 4:58:12 PM

Board Serial Number: 0F4043H

Bench: 01

GUI Version: 1.0.0.0

Windows Version: Microsoft Windows NT
10.0.22000.0

Controller: LSP_AD SN: LSP_AD-C56ACEED

HW Revision Number: 0

Software Revision: 8/17/2022 8:40:44 PM

Adapter: 0

Revision: 4

Notes:



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Summary

	Pass	Borderline	Fail	Total
VCCINT	118	0	0	118
VCC_IO	118	0	0	118
VCC_SOC	118	0	0	118
VGTY_AVTT	118	0	0	118
Summary Total	100%	0%	0%	472

Test Settings

VCCINT

Tolerance Settings:

Nominal	DC Range	Min AC	MaxAC
VID - (IDD * LL_SLOPE)	Nominal \pm 0.02	VID - (EDC * LL_SLOPE) - 0.11	VID + 0.2

Marginal Range for Max: 10 %

Marginal Range for Min: 10 %

Load Line Slope: 400 $\mu\Omega$

Dynamic Load Settings:

EDC:	190 A
Max Load Step:	190 A
Max Load Release:	190 A
Duration:	100 ms

Static Load Settings:

Min Current:	0 A
Max Current:	190 A
Step Current:	47.5 A
Duration:	5 s



VCC_IO

Tolerance Settings:

Nominal	DC Range	Min AC	MaxAC
VID - (IDD * LL_SLOPE)	Nominal \pm 0.02	VID - (EDC * LL_SLOPE) - 0.11	VID + 0.2

Marginal Range for Max: 10 %

Marginal Range for Min: 10 %

Load Line Slope: 400 $\mu\Omega$

Dynamic Load Settings:

Static Load Settings:

EDC: 18 A
Max Load Step: 18 A
Max Load Release: 18 A
Duration: 100 ms

Min Current: 0 A
Max Current: 18 A
Step Current: 4.5 A
Duration: 1 s

VCC_SOC

Tolerance Settings:

Nominal	DC Range	Min AC	MaxAC
VID	VID \pm 0.02	VID - 0.15	VID + 0.15

Marginal Range for Max: 10 %

Marginal Range for Min: 10 %

Load Line Slope: N/A

Dynamic Load Settings:

Static Load Settings:

EDC: 18 A
Max Load Step: 18 A
Max Load Release: 18 A
Duration: 100 ms

Min Current: 0 A
Max Current: 18 A
Step Current: 4.5 A
Duration: 1 s



VGTY_AVTT

Tolerance Settings:

Nominal	DC Range	Min AC	MaxAC
VID - (IDD * LL_SLOPE)	VID \pm 0.08	VID - 0.08	VID + 0.08

Marginal Range for Max: 10 %

Marginal Range for Min: 10 %

Load Line Slope: N/A

Dynamic Load Settings:

EDC: 10 A
Max Load Step: 10 A
Max Load Release: 10 A
Duration: 100 ms

Static Load Settings:

Min Current: 0 A
Max Current: 10 A
Step Current: 2.5 A
Duration: 1 s



Test Details: VCCINT

Test Summary: Dynamic Load

VID	Pass	Borderline	Fail	Total
N/A	114	0	0	114

Test Summary: Static Load

VID	Pass	Borderline	Fail	Total
N/A	4	0	0	4



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

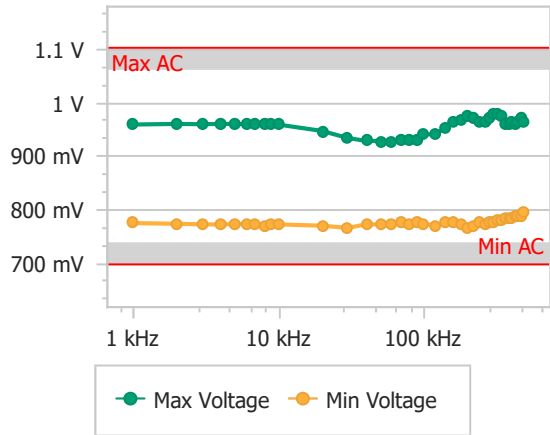
Nominal Voltage: 0.90 V

Max AC: 1.10 V

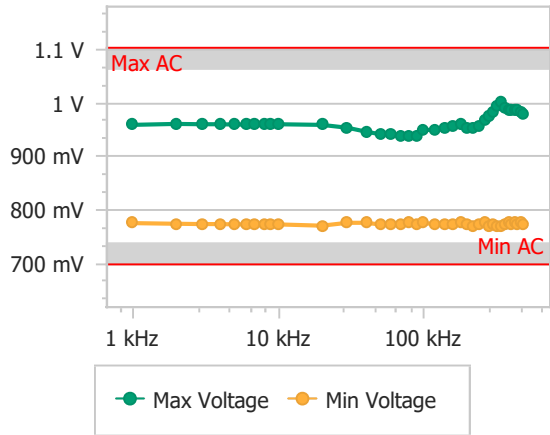
Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

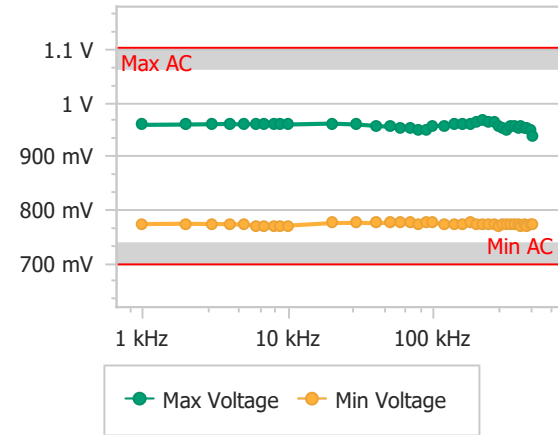
Duty = 25%



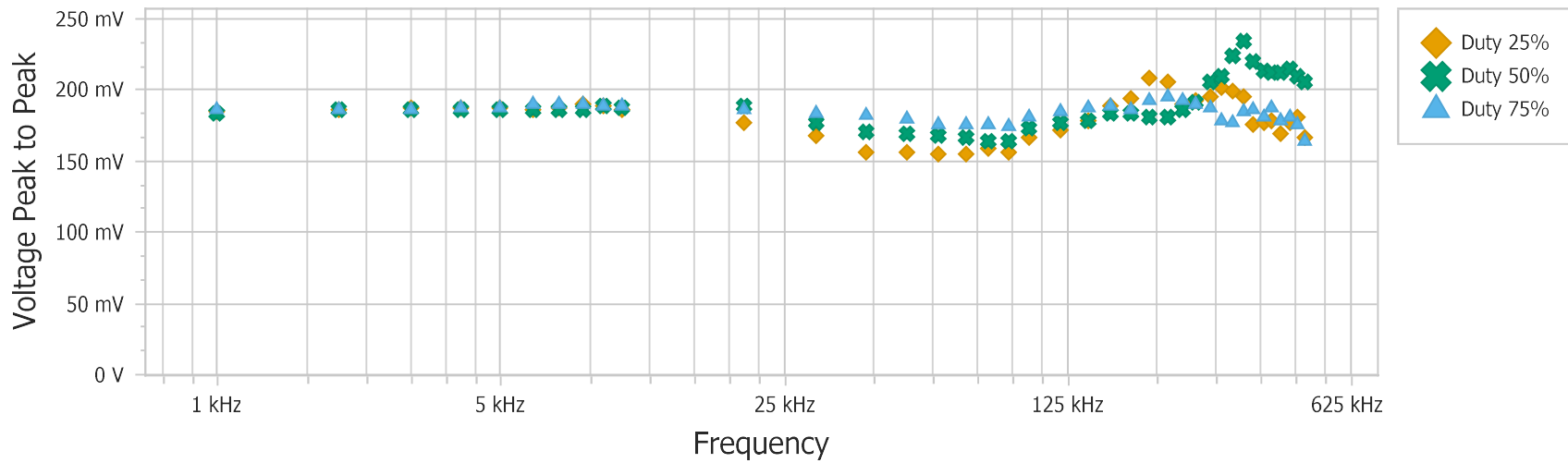
Duty = 50%



Duty = 75%



Transient Voltage Peak to Peak vs Frequency



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 25 %			
Frequency	RMS	Min	Max
1 kHz	878.3 mV	775.3 mV	959.7 mV
2 kHz	882.3 mV	774.1 mV	960.9 mV
3 kHz	882.0 mV	772.9 mV	960.3 mV
4 kHz	882.6 mV	772.9 mV	960.9 mV
5 kHz	883.3 mV	773.5 mV	960.9 mV
6 kHz	882.5 mV	773.5 mV	960.3 mV
7 kHz	883.4 mV	772.9 mV	960.9 mV
8 kHz	883.2 mV	771.1 mV	960.9 mV
9 kHz	883.3 mV	771.7 mV	960.9 mV
10 kHz	883.7 mV	772.9 mV	959.7 mV
20 kHz	883.3 mV	770.5 mV	947.5 mV
30 kHz	882.3 mV	766.2 mV	934.7 mV
40 kHz	883.1 mV	772.9 mV	929.2 mV
50 kHz	881.8 mV	772.9 mV	928.6 mV
60 kHz	882.6 mV	772.9 mV	927.4 mV
70 kHz	883.7 mV	775.9 mV	930.4 mV
80 kHz	883.6 mV	772.9 mV	931.6 mV
90 kHz	883.9 mV	775.3 mV	932.2 mV
100 kHz	887.0 mV	774.1 mV	941.4 mV
120 kHz	887.0 mV	770.5 mV	942.0 mV
140 kHz	891.5 mV	775.3 mV	953.6 mV
160 kHz	893.9 mV	775.3 mV	964.0 mV
180 kHz	895.8 mV	773.5 mV	967.0 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 25 %			
Frequency	RMS	Min	Max
200 kHz	889.9 mV	766.2 mV	974.4 mV
220 kHz	889.8 mV	768.6 mV	973.7 mV
240 kHz	890.1 mV	775.3 mV	965.8 mV
260 kHz	887.7 mV	772.9 mV	965.8 mV
280 kHz	887.7 mV	775.3 mV	970.7 mV
300 kHz	890.7 mV	775.9 mV	978.0 mV
320 kHz	891.8 mV	780.8 mV	979.9 mV
340 kHz	890.5 mV	781.4 mV	976.2 mV
360 kHz	890.2 mV	785.7 mV	960.9 mV
380 kHz	887.7 mV	783.3 mV	960.9 mV
400 kHz	888.4 mV	785.7 mV	964.6 mV
420 kHz	887.5 mV	790.0 mV	959.7 mV
440 kHz	887.9 mV	788.8 mV	965.8 mV
460 kHz	888.8 mV	790.0 mV	971.3 mV
480 kHz	889.2 mV	797.3 mV	963.4 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 50 %			
Frequency	RMS	Min	Max
1 kHz	857.7 mV	775.3 mV	959.1 mV
2 kHz	862.4 mV	774.1 mV	960.9 mV
3 kHz	863.3 mV	773.5 mV	960.3 mV
4 kHz	862.5 mV	773.5 mV	960.3 mV
5 kHz	864.2 mV	772.9 mV	959.7 mV
6 kHz	863.5 mV	772.9 mV	959.7 mV
7 kHz	863.9 mV	773.5 mV	959.7 mV
8 kHz	864.3 mV	772.9 mV	959.7 mV
9 kHz	863.7 mV	772.9 mV	961.5 mV
10 kHz	864.5 mV	772.9 mV	960.3 mV
20 kHz	864.7 mV	770.5 mV	959.1 mV
30 kHz	864.9 mV	775.9 mV	953.6 mV
40 kHz	864.6 mV	775.9 mV	946.3 mV
50 kHz	864.8 mV	772.9 mV	942.0 mV
60 kHz	867.1 mV	773.5 mV	941.4 mV
70 kHz	866.7 mV	773.5 mV	940.2 mV
80 kHz	864.7 mV	775.3 mV	938.9 mV
90 kHz	865.5 mV	773.5 mV	937.1 mV
100 kHz	868.5 mV	775.9 mV	948.7 mV
120 kHz	868.0 mV	772.9 mV	950.5 mV
140 kHz	864.7 mV	772.9 mV	951.8 mV
160 kHz	871.6 mV	773.5 mV	956.7 mV
180 kHz	870.3 mV	775.3 mV	959.1 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 50 %			
Frequency	RMS	Min	Max
200 kHz	870.8 mV	772.9 mV	953.6 mV
220 kHz	870.3 mV	771.1 mV	951.8 mV
240 kHz	867.0 mV	772.9 mV	958.5 mV
260 kHz	869.4 mV	775.3 mV	967.0 mV
280 kHz	870.1 mV	771.1 mV	976.8 mV
300 kHz	871.4 mV	774.1 mV	984.1 mV
320 kHz	872.5 mV	770.5 mV	993.9 mV
340 kHz	873.6 mV	768.6 mV	1.0031 V
360 kHz	873.2 mV	772.3 mV	992.7 mV
380 kHz	873.0 mV	775.3 mV	989.0 mV
400 kHz	871.3 mV	773.5 mV	986.0 mV
420 kHz	871.1 mV	775.3 mV	987.8 mV
440 kHz	871.3 mV	772.3 mV	987.2 mV
460 kHz	871.1 mV	775.9 mV	985.3 mV
480 kHz	870.6 mV	774.1 mV	980.5 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 75 %			
Frequency	RMS	Min	Max
1 kHz	841.3 mV	773.5 mV	959.1 mV
2 kHz	841.8 mV	774.1 mV	959.7 mV
3 kHz	844.2 mV	773.5 mV	960.3 mV
4 kHz	843.6 mV	773.5 mV	960.9 mV
5 kHz	844.5 mV	772.3 mV	959.7 mV
6 kHz	844.4 mV	771.1 mV	960.9 mV
7 kHz	844.1 mV	770.5 mV	960.9 mV
8 kHz	844.8 mV	770.5 mV	960.9 mV
9 kHz	844.5 mV	770.5 mV	959.7 mV
10 kHz	844.7 mV	770.5 mV	959.7 mV
20 kHz	845.5 mV	775.3 mV	961.5 mV
30 kHz	846.4 mV	775.9 mV	959.7 mV
40 kHz	847.2 mV	775.3 mV	957.3 mV
50 kHz	846.4 mV	775.9 mV	955.4 mV
60 kHz	847.4 mV	775.3 mV	951.8 mV
70 kHz	847.8 mV	775.3 mV	951.8 mV
80 kHz	845.9 mV	773.5 mV	949.3 mV
90 kHz	845.4 mV	775.3 mV	949.9 mV
100 kHz	845.9 mV	775.3 mV	956.0 mV
120 kHz	845.4 mV	773.5 mV	958.5 mV
140 kHz	846.3 mV	772.9 mV	960.9 mV
160 kHz	845.1 mV	772.9 mV	961.5 mV
180 kHz	845.3 mV	775.3 mV	960.9 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 75 %			
Frequency	RMS	Min	Max
200 kHz	846.4 mV	771.7 mV	964.6 mV
220 kHz	845.5 mV	772.9 mV	968.3 mV
240 kHz	846.7 mV	772.9 mV	965.8 mV
260 kHz	847.0 mV	774.1 mV	964.6 mV
280 kHz	845.8 mV	770.5 mV	958.5 mV
300 kHz	845.7 mV	773.5 mV	951.8 mV
320 kHz	846.2 mV	772.9 mV	949.9 mV
340 kHz	850.3 mV	771.7 mV	956.0 mV
360 kHz	848.0 mV	771.7 mV	957.3 mV
380 kHz	846.1 mV	773.5 mV	954.8 mV
400 kHz	847.2 mV	770.5 mV	958.5 mV
420 kHz	847.6 mV	772.9 mV	951.8 mV
440 kHz	847.3 mV	771.1 mV	951.8 mV
460 kHz	848.3 mV	772.9 mV	949.3 mV
480 kHz	846.2 mV	773.5 mV	937.1 mV



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 1 kHz

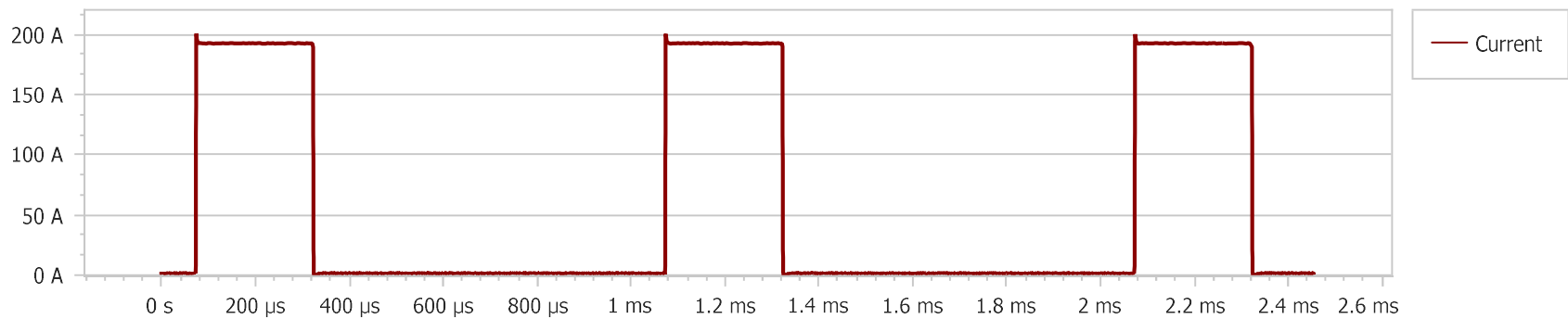
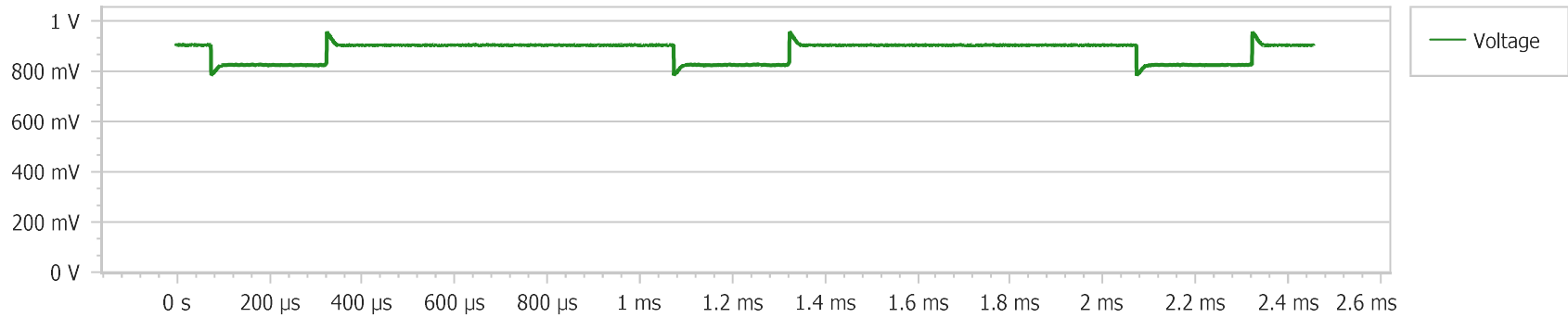
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 2 kHz

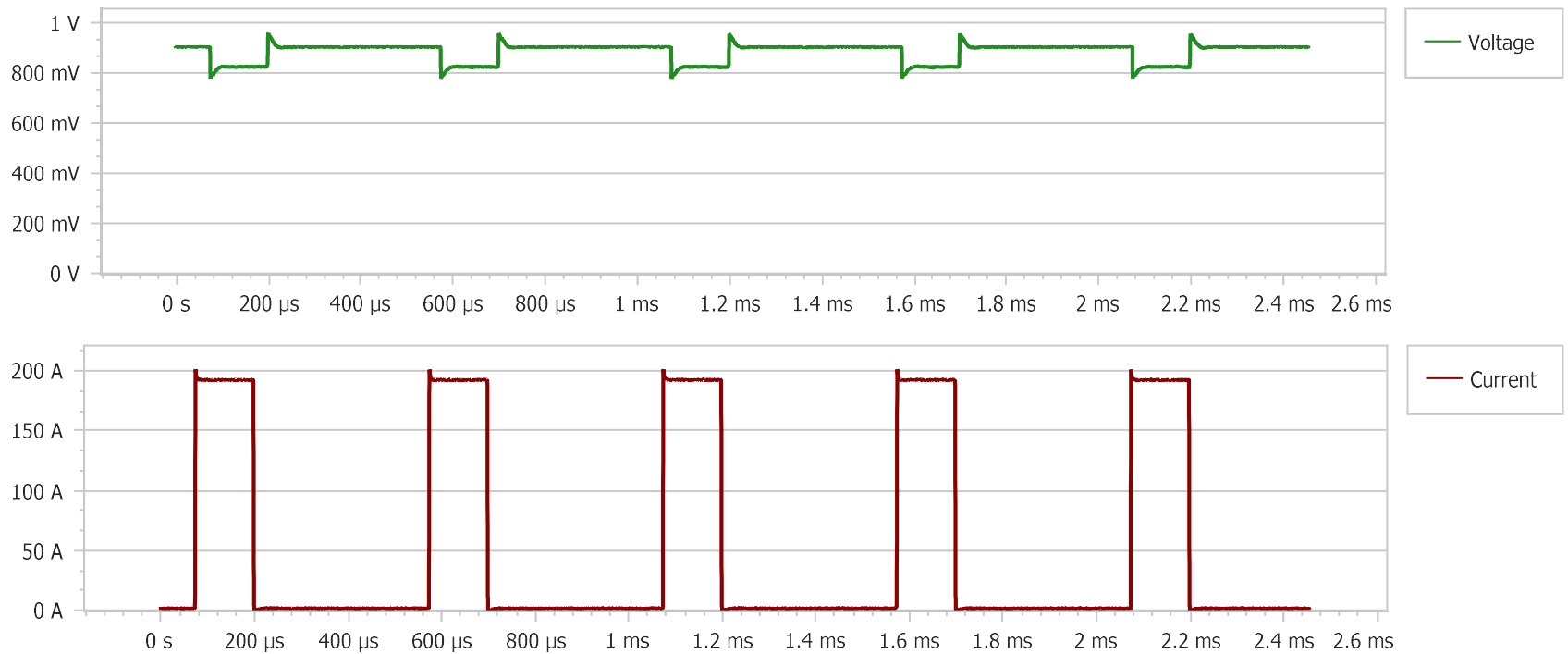
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

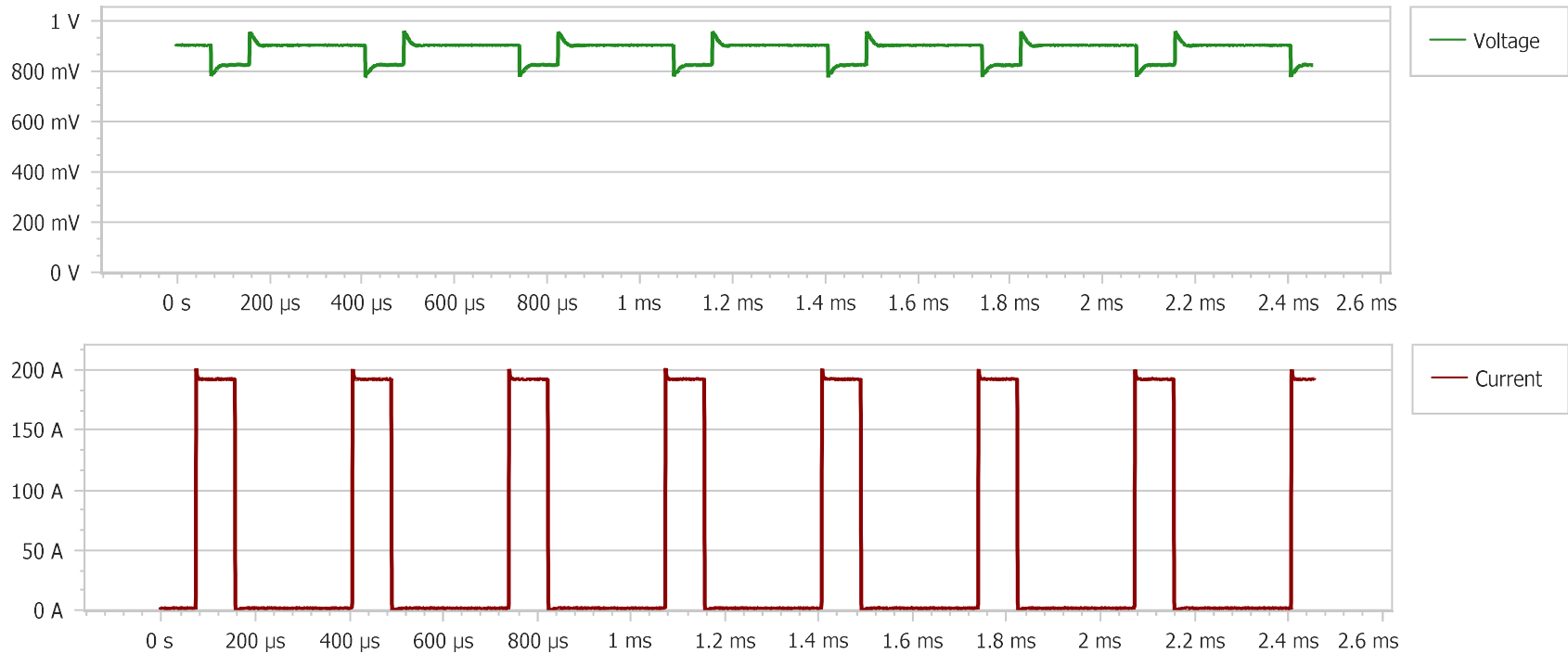
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 4 kHz

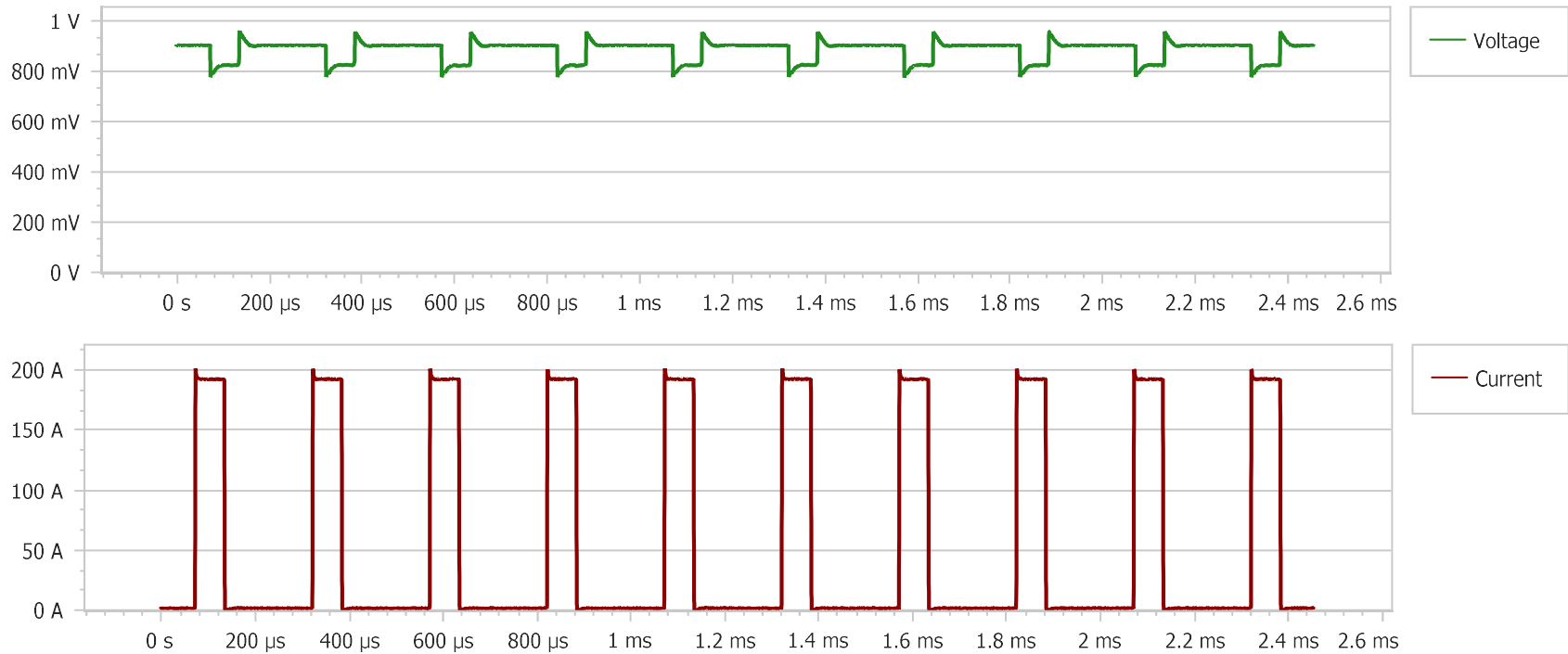
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

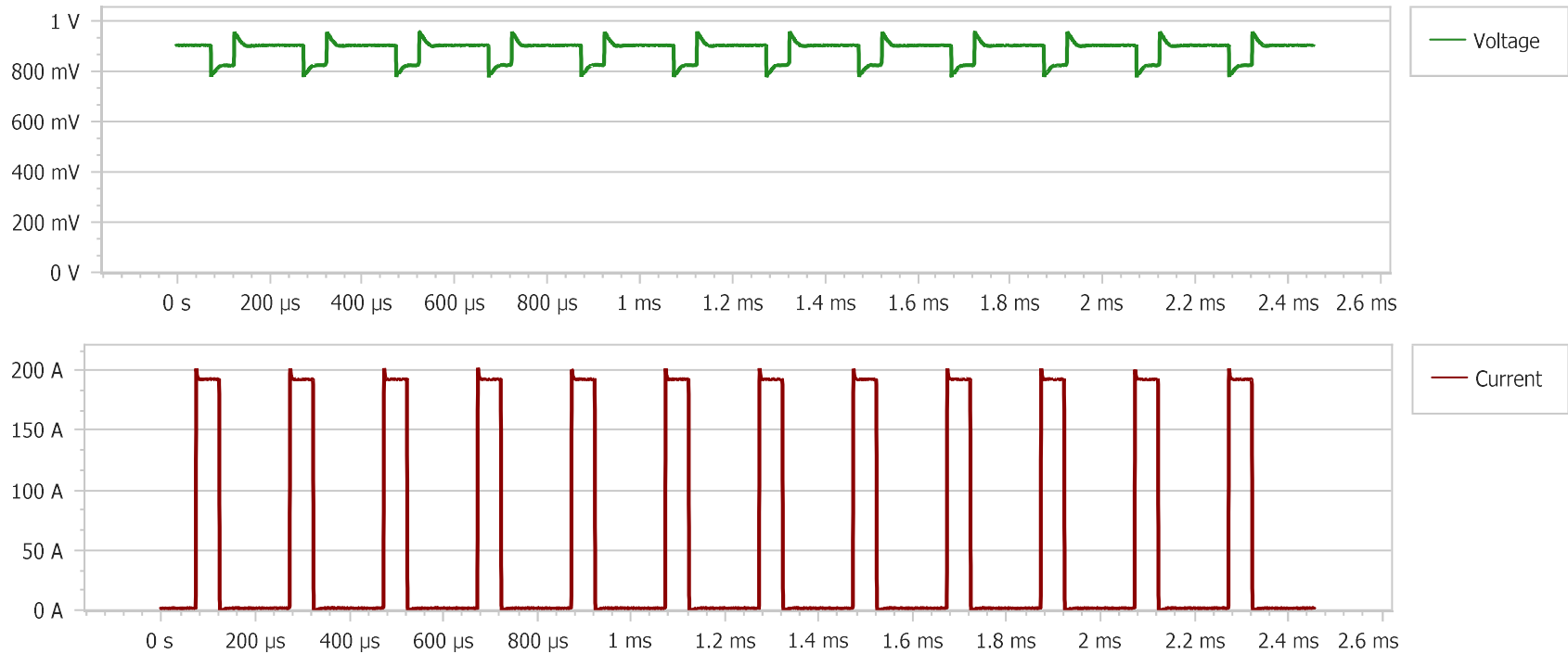
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

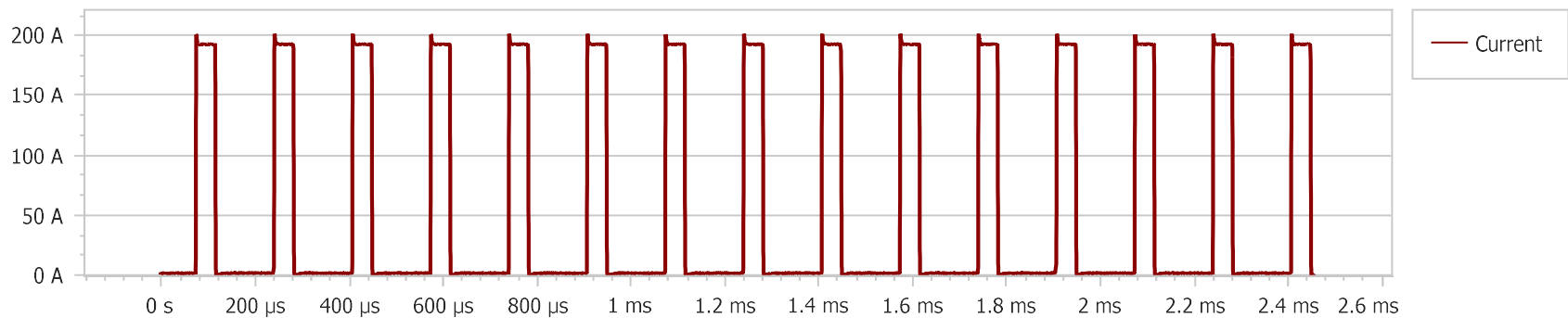
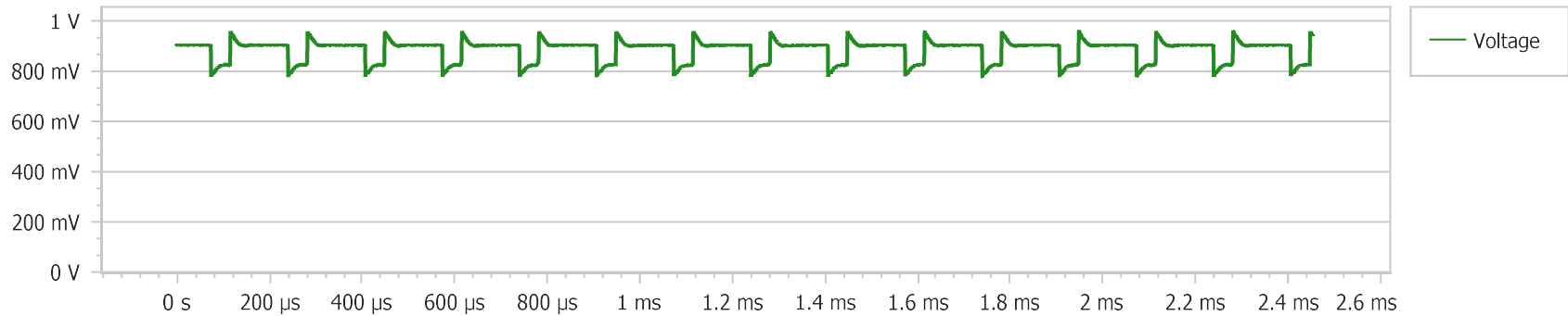
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 7 kHz

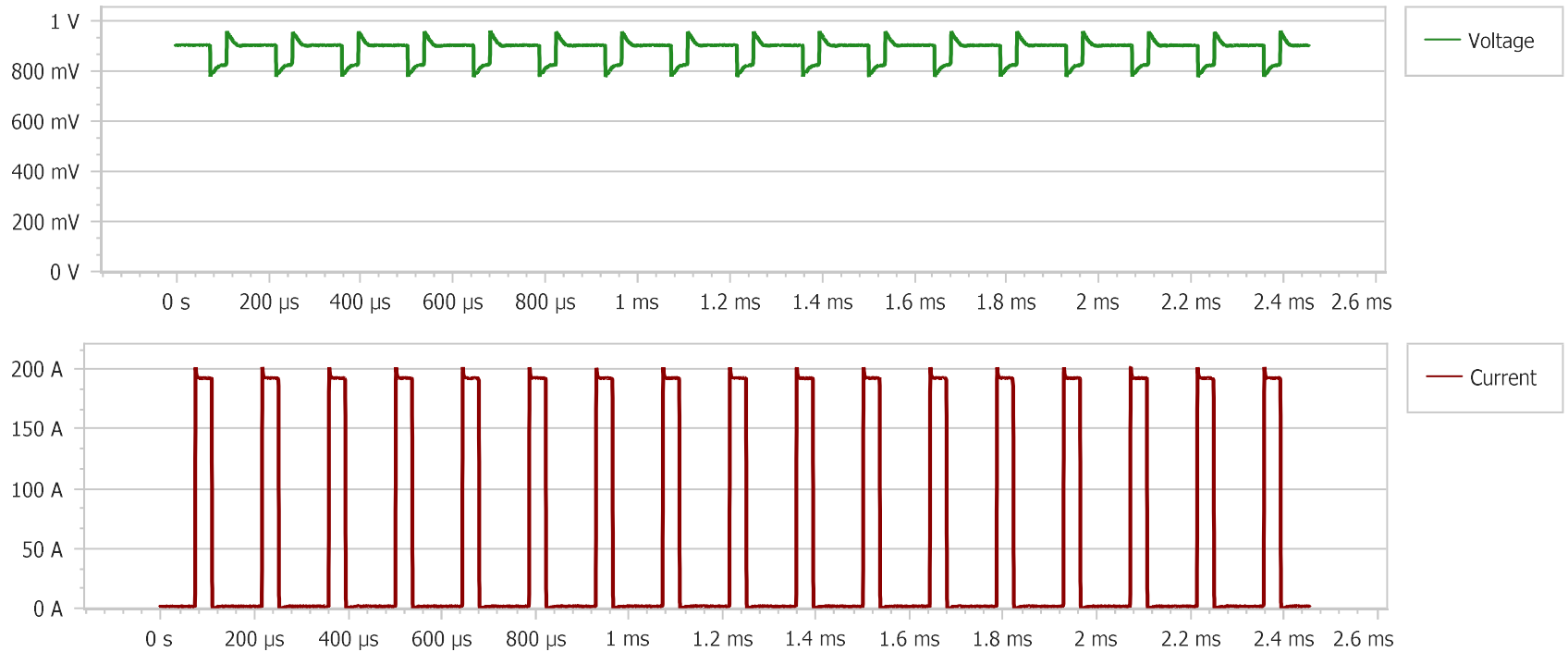
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 8 kHz

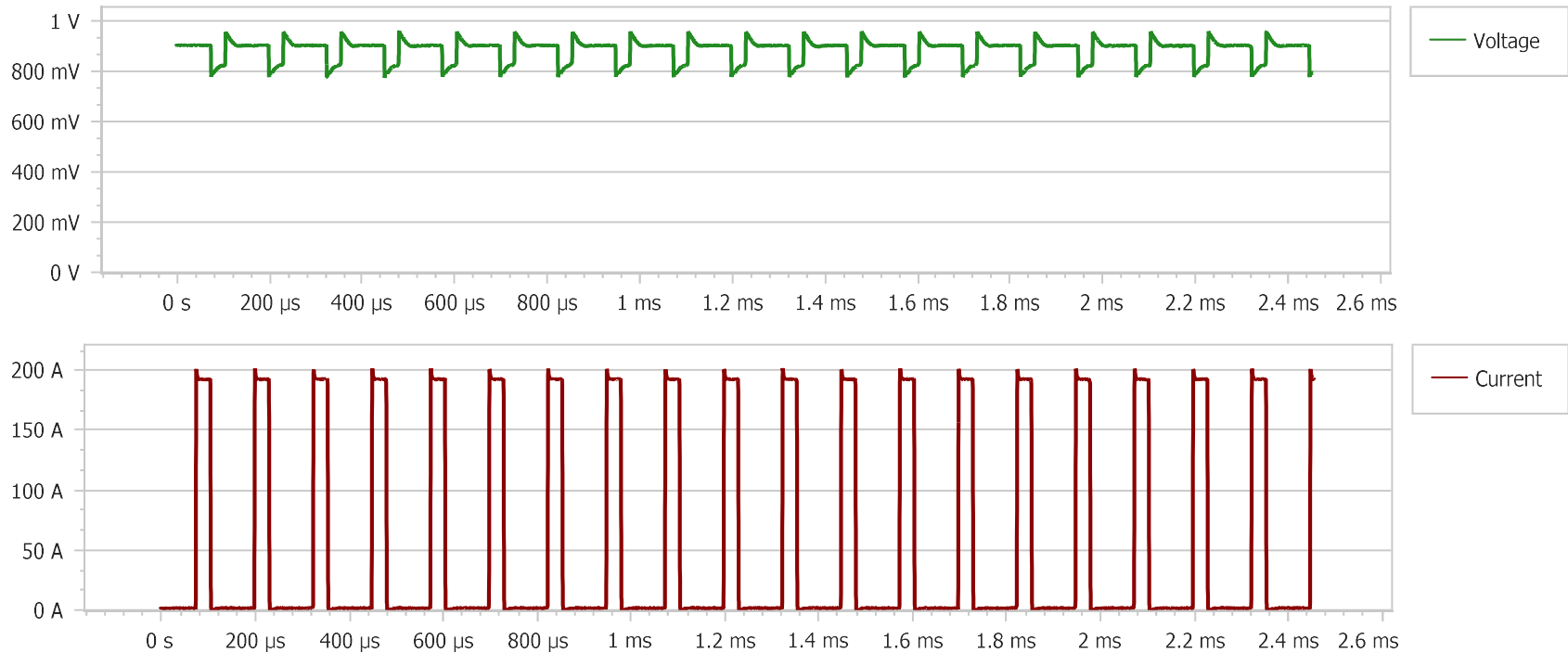
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 9 kHz

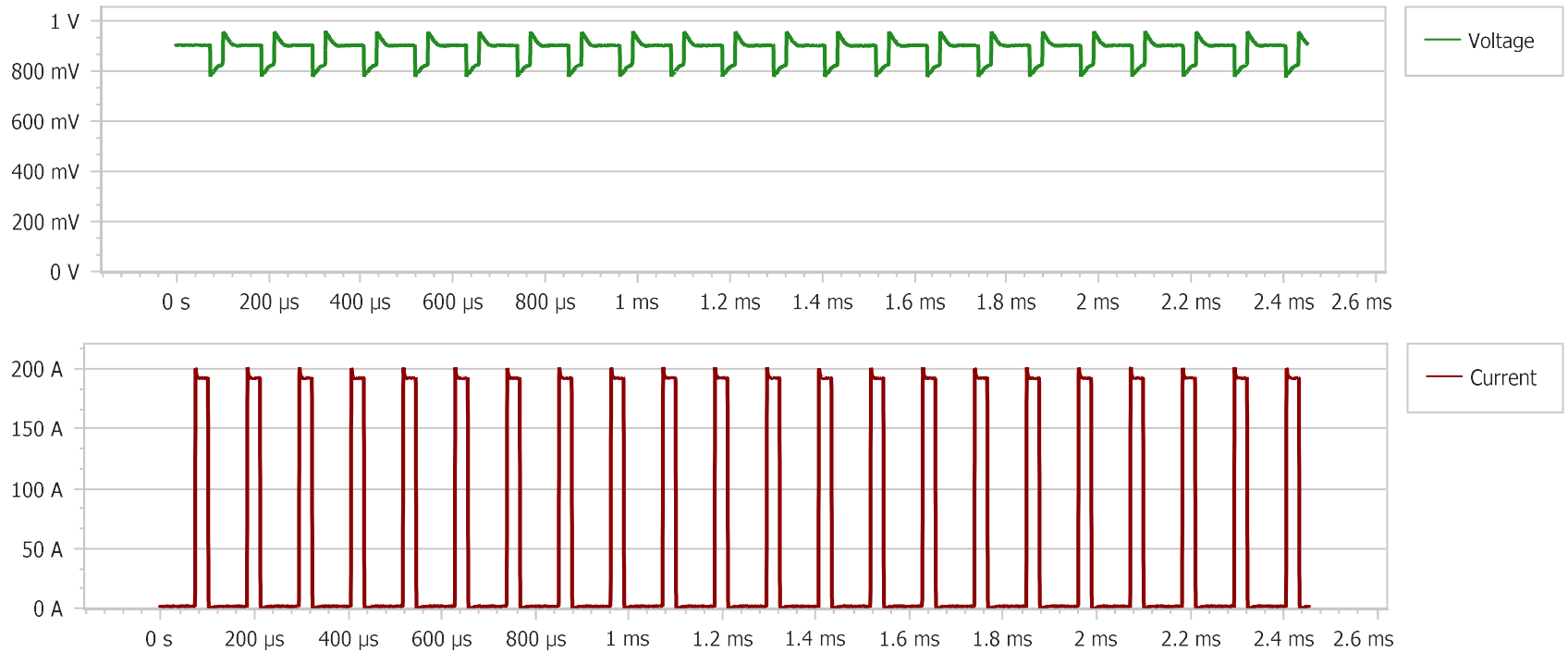
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

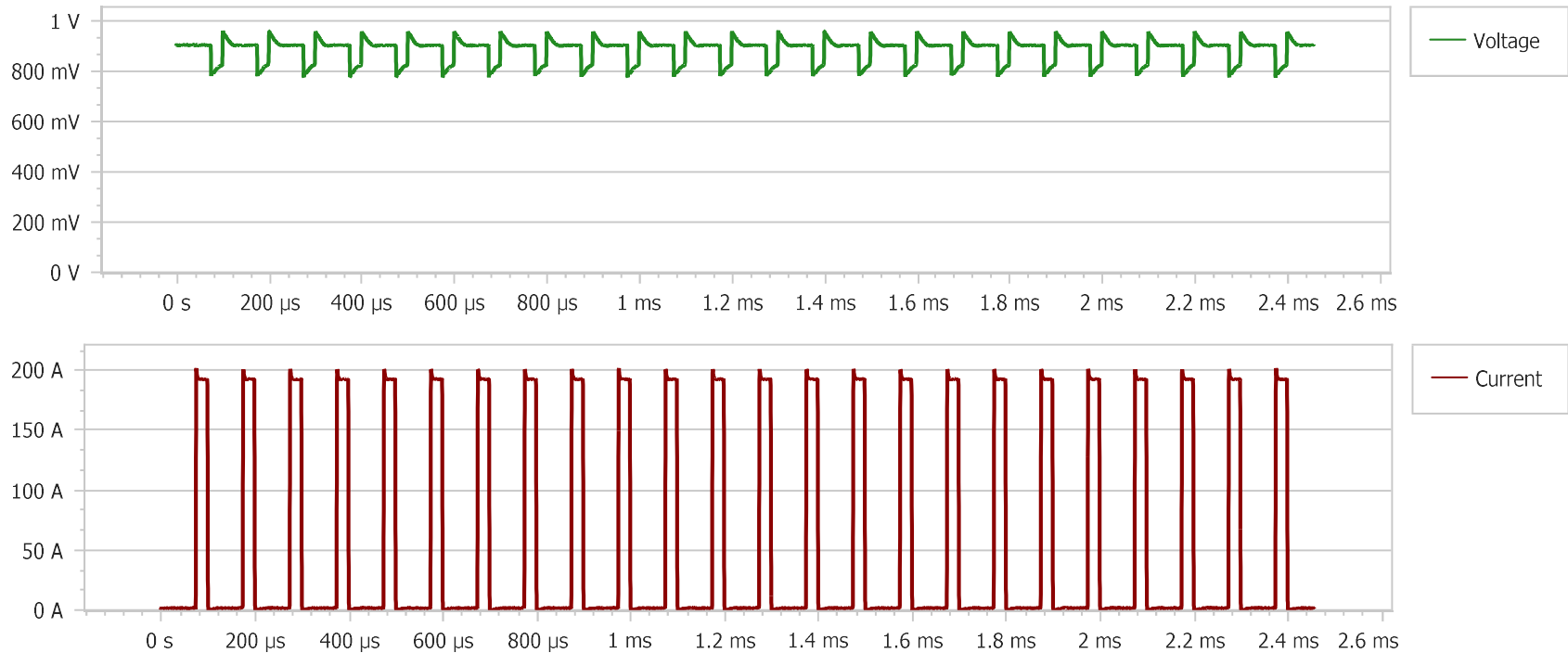
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 20 kHz

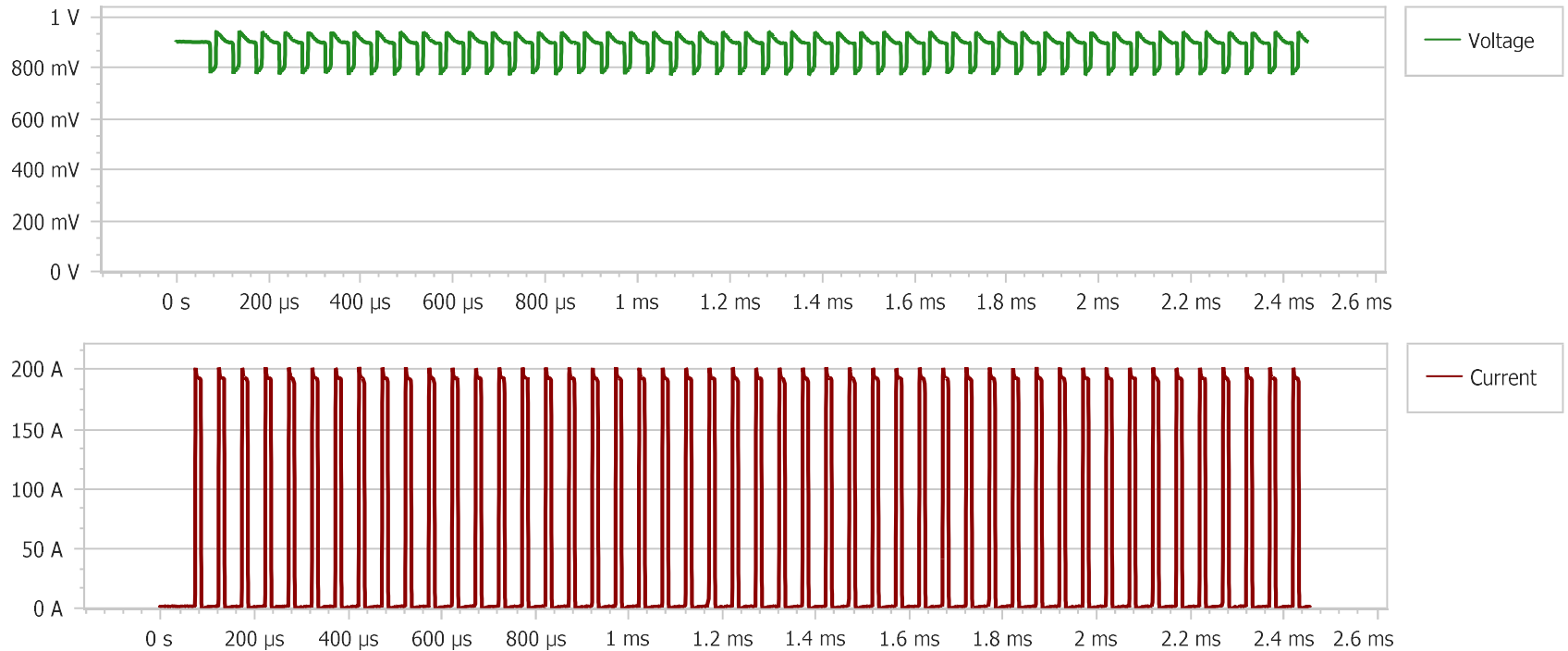
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

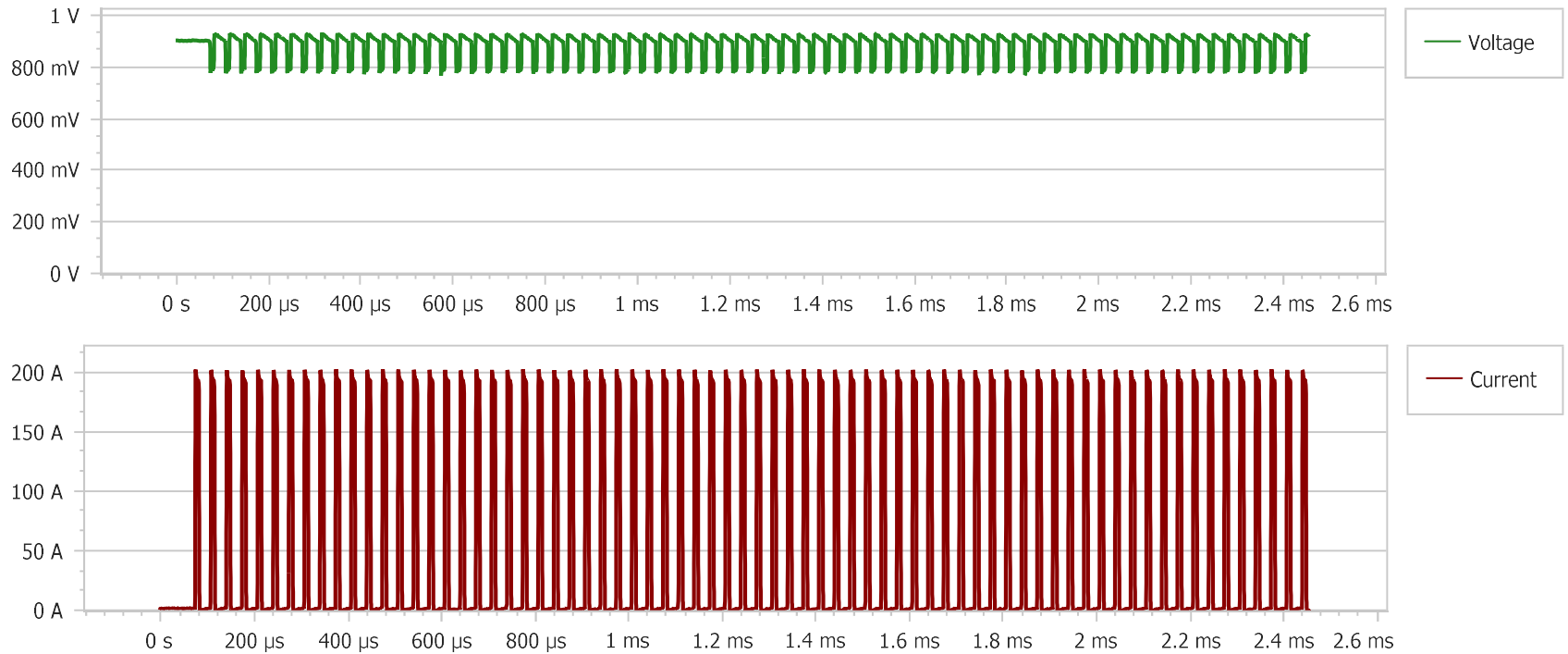
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

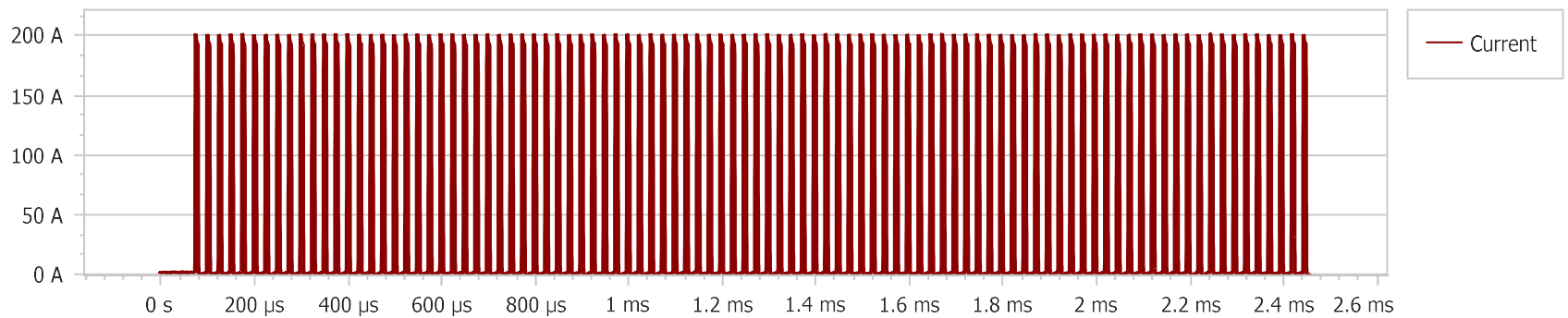
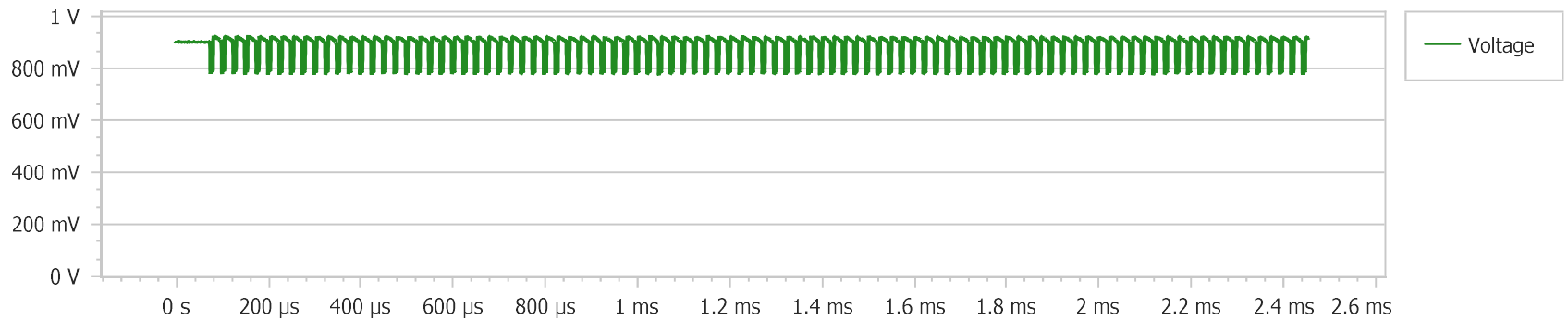
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

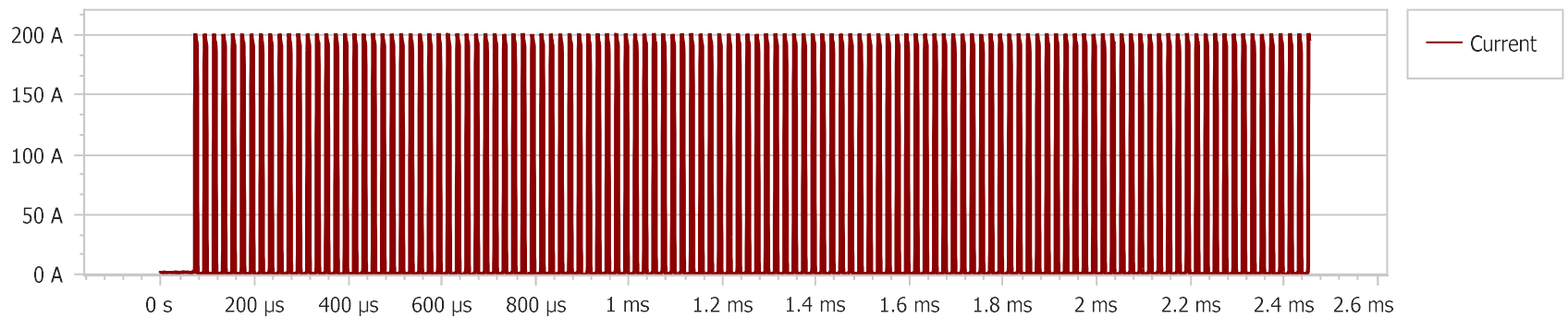
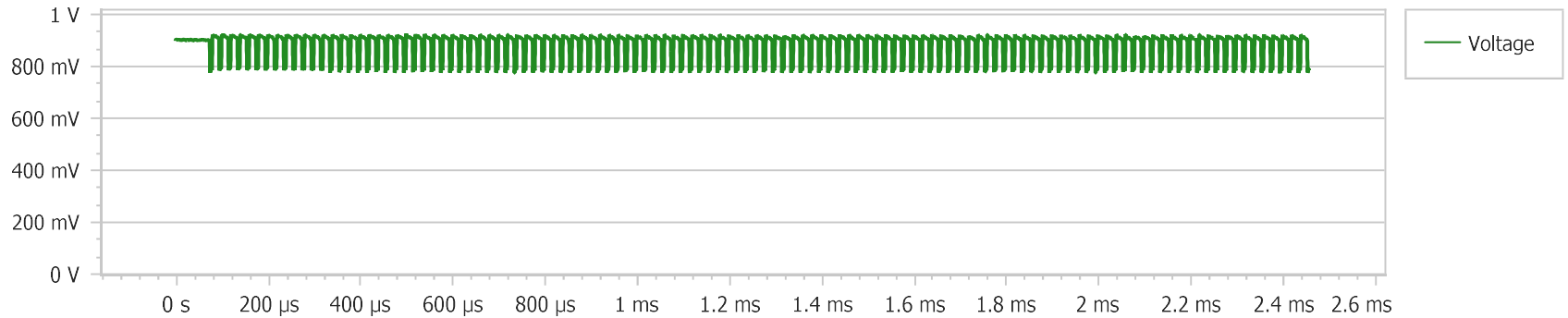
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

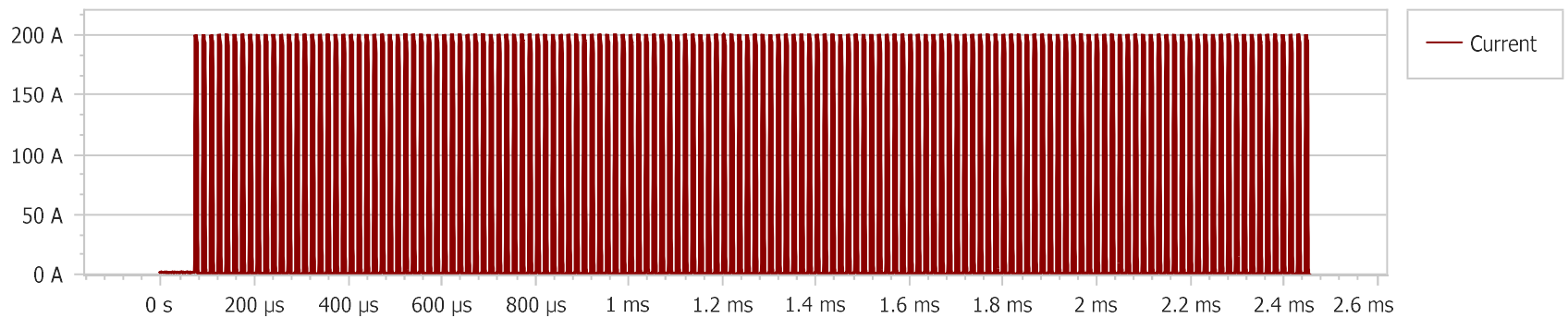
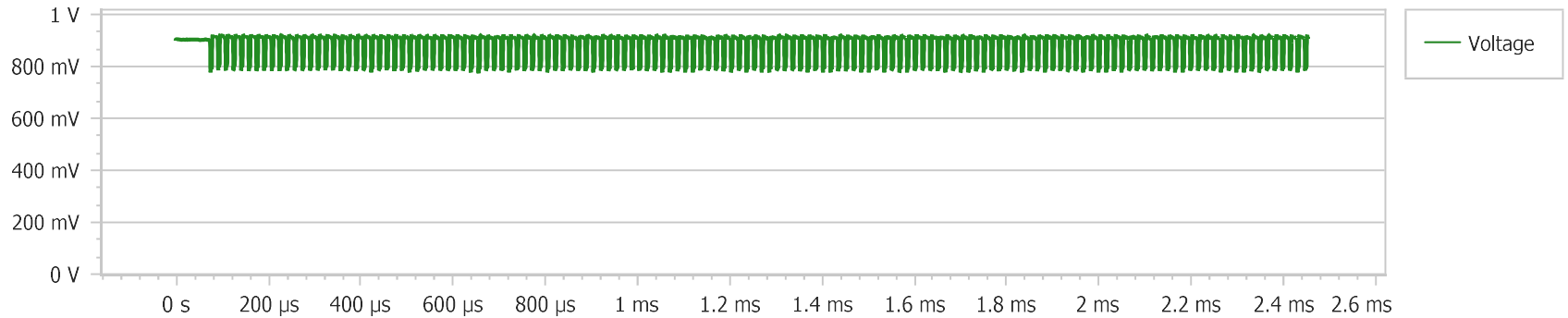
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

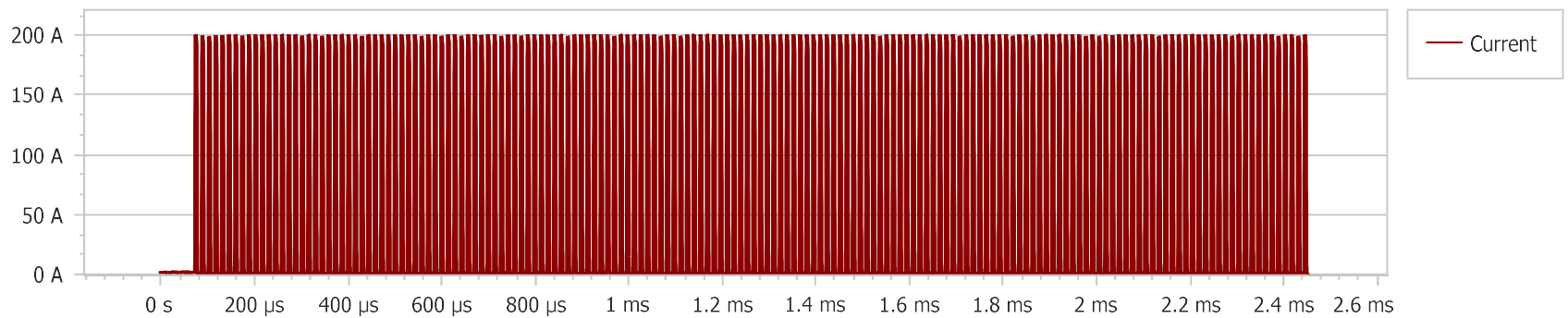
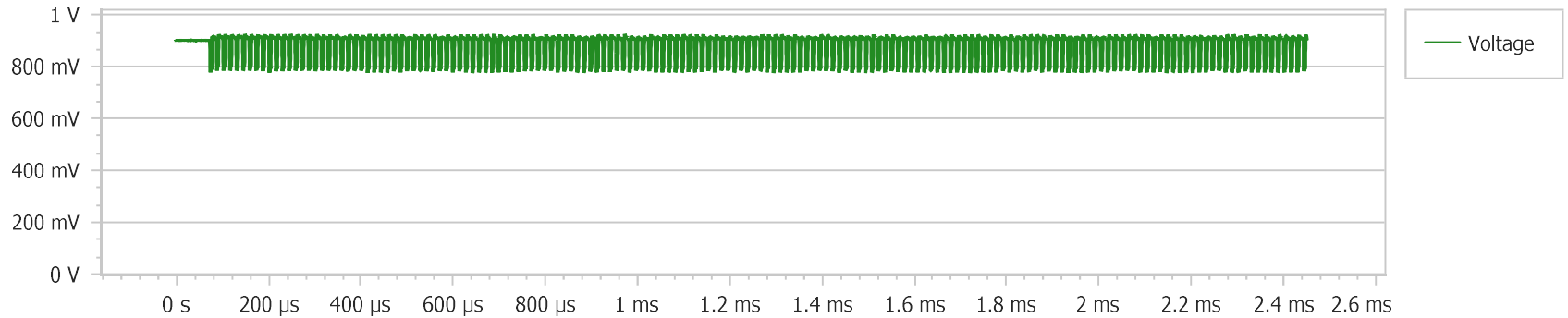
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

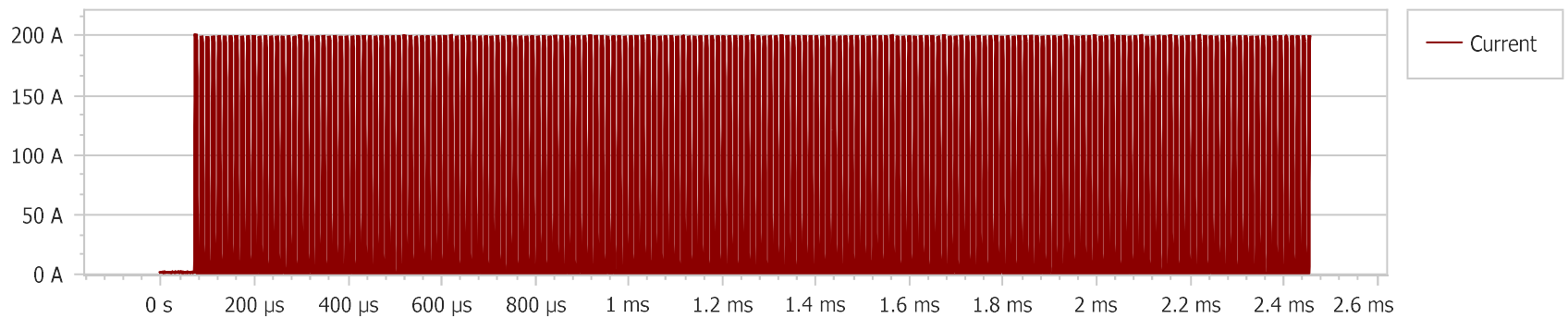
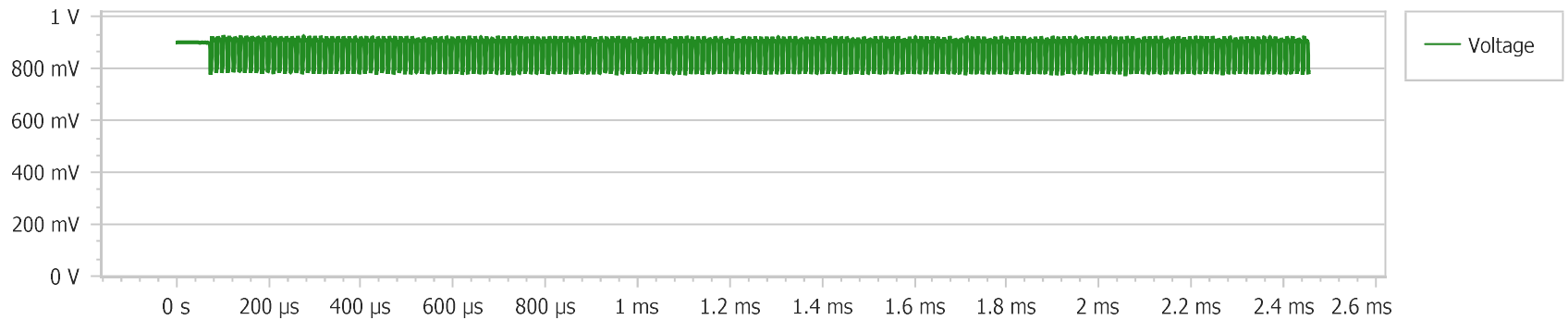
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 90 kHz

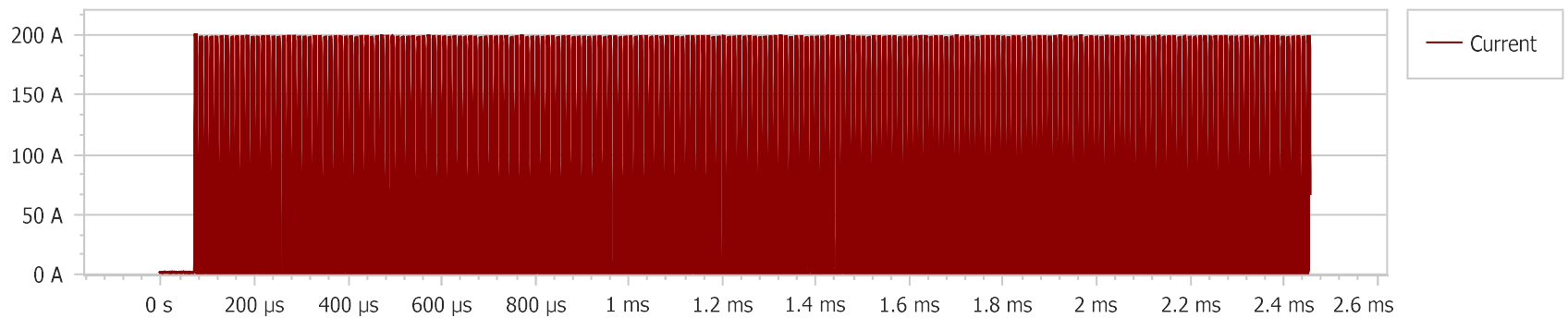
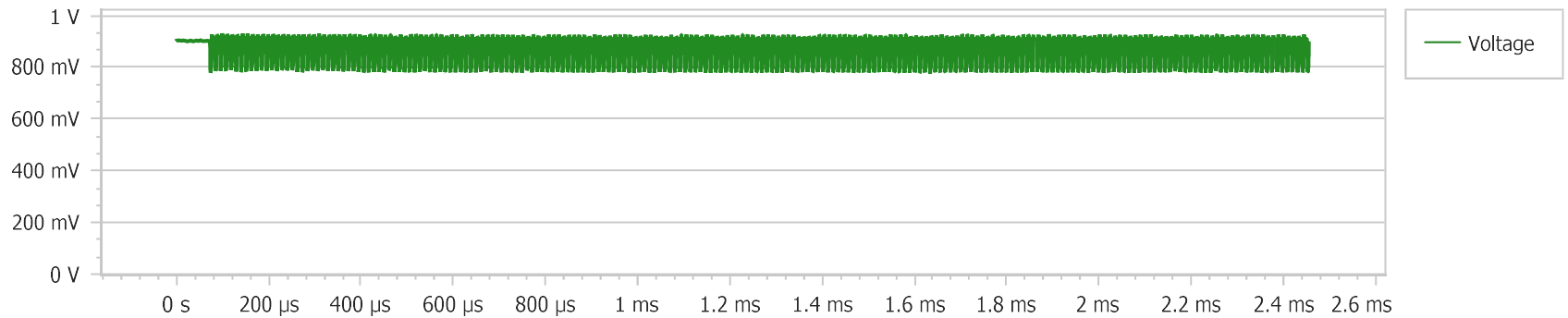
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 100 kHz

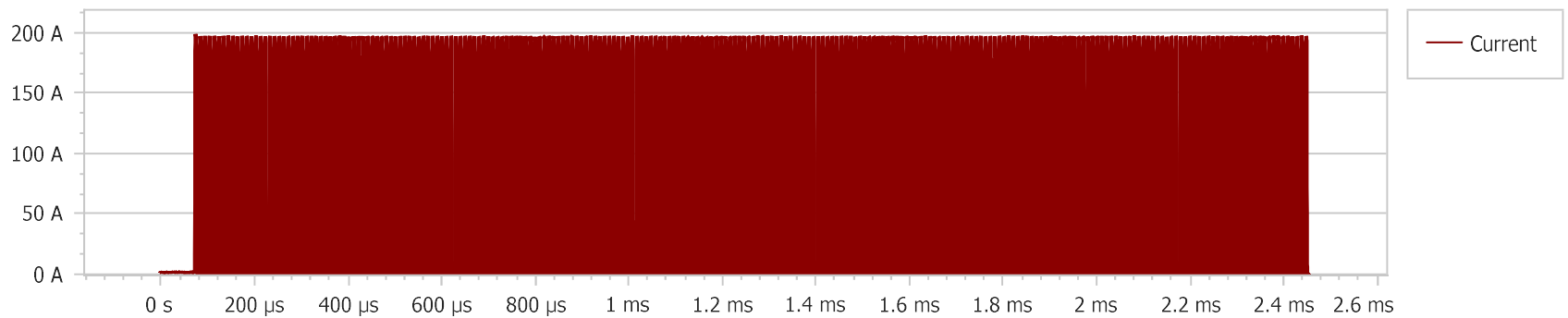
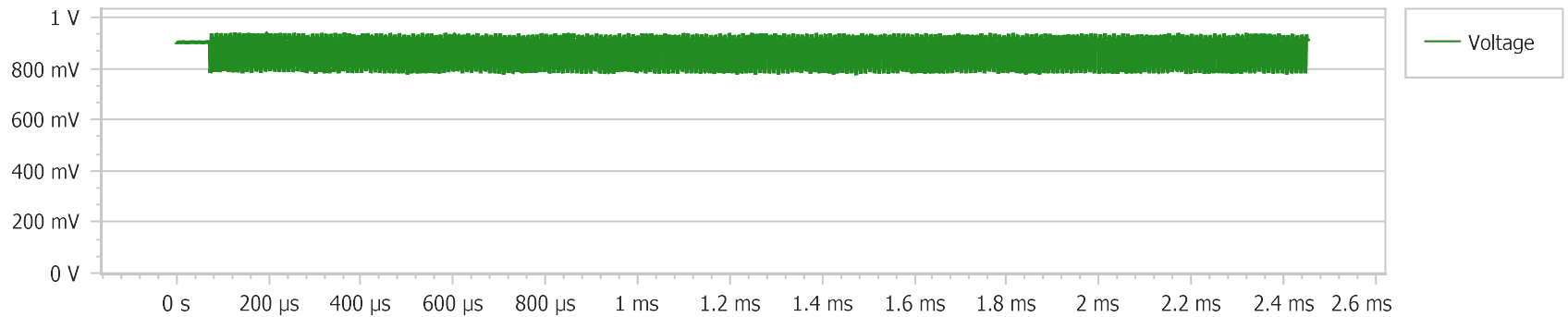
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 120 kHz

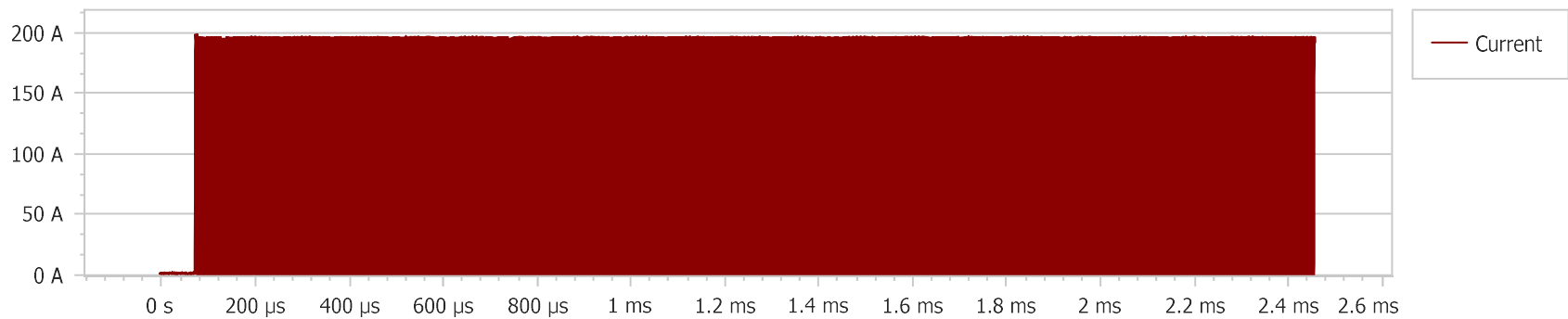
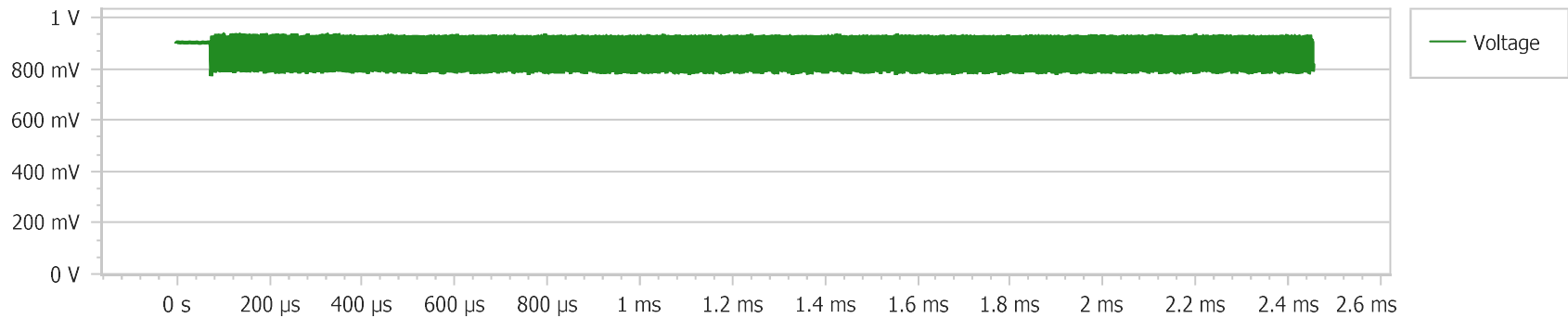
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 140 kHz

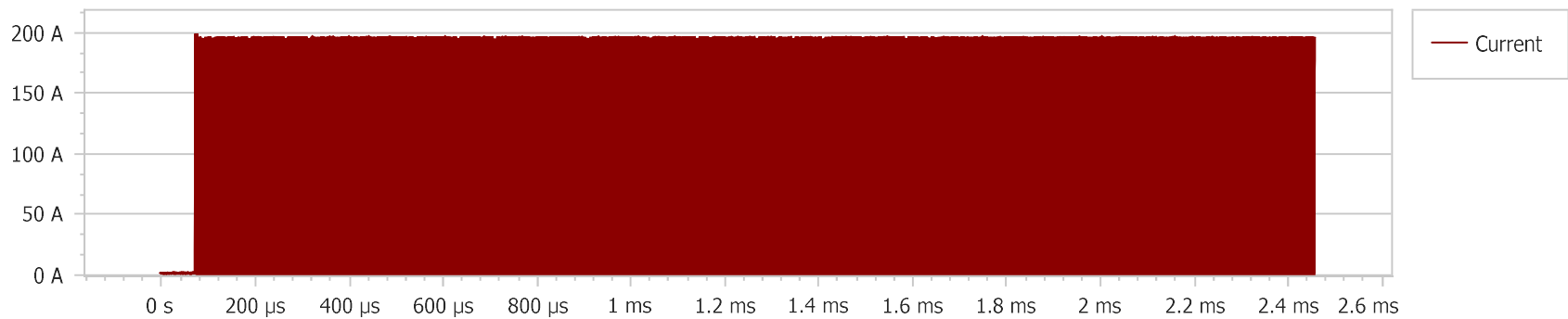
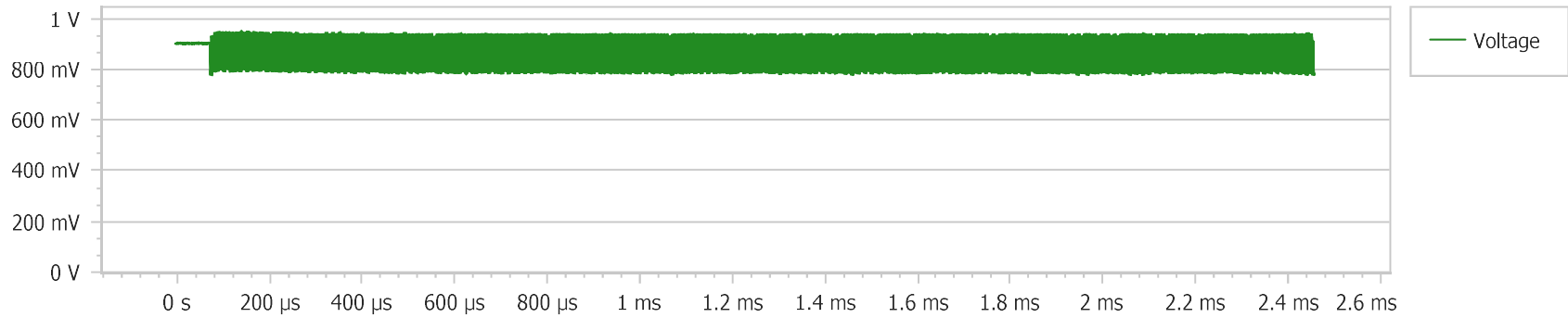
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 160 kHz

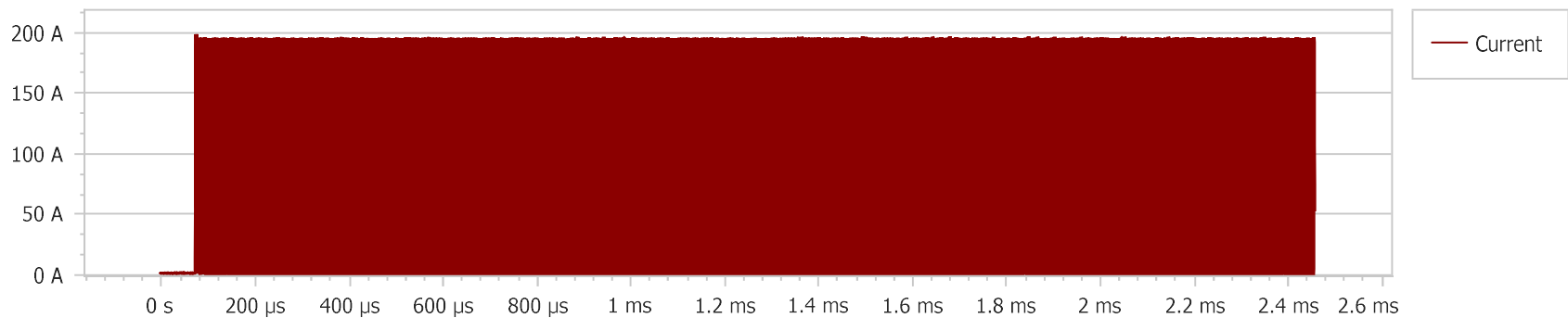
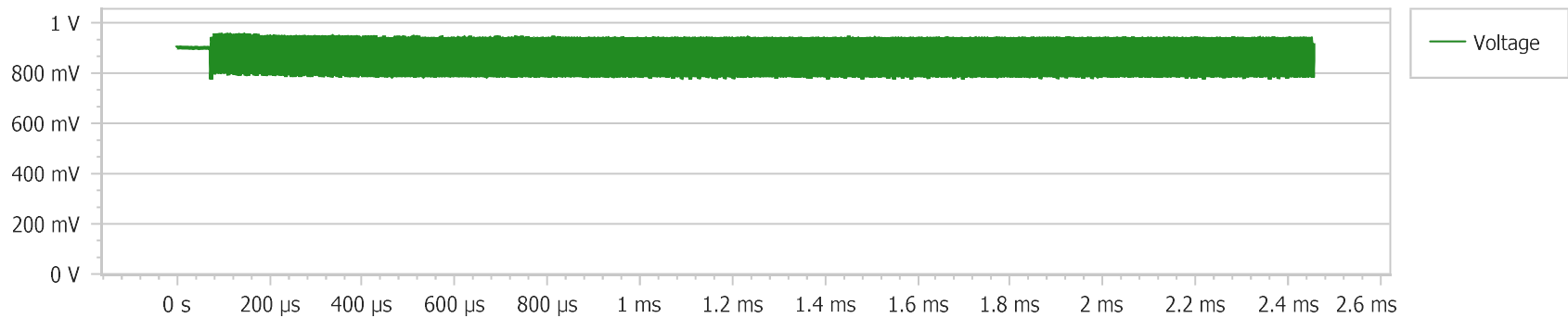
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 180 kHz

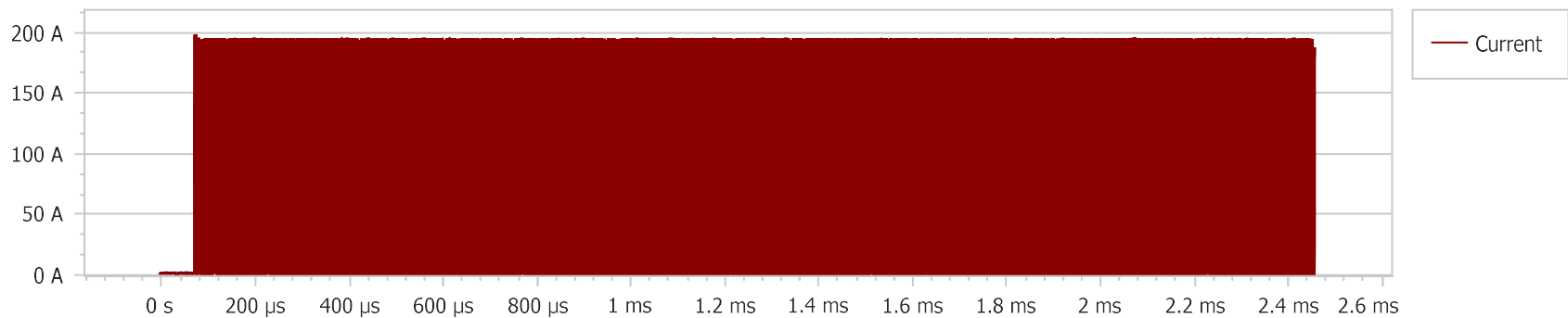
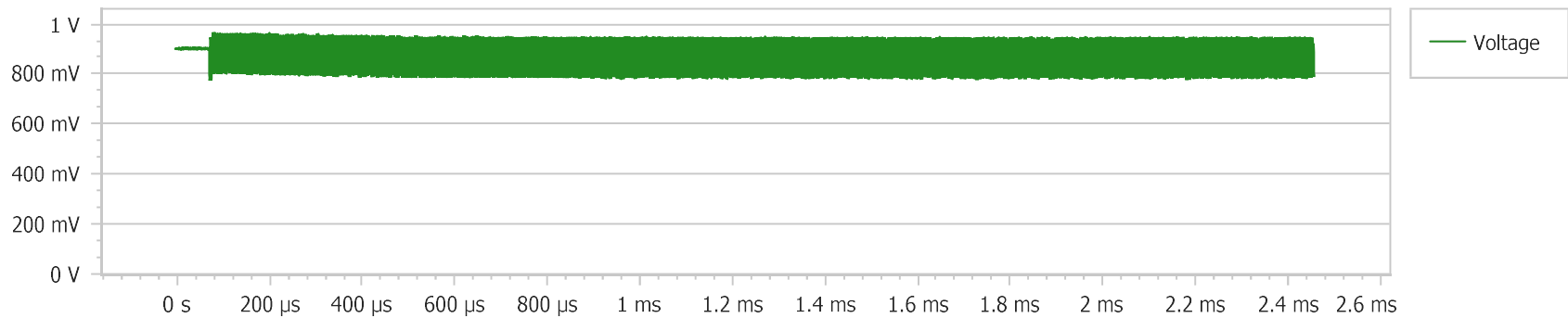
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 200 kHz

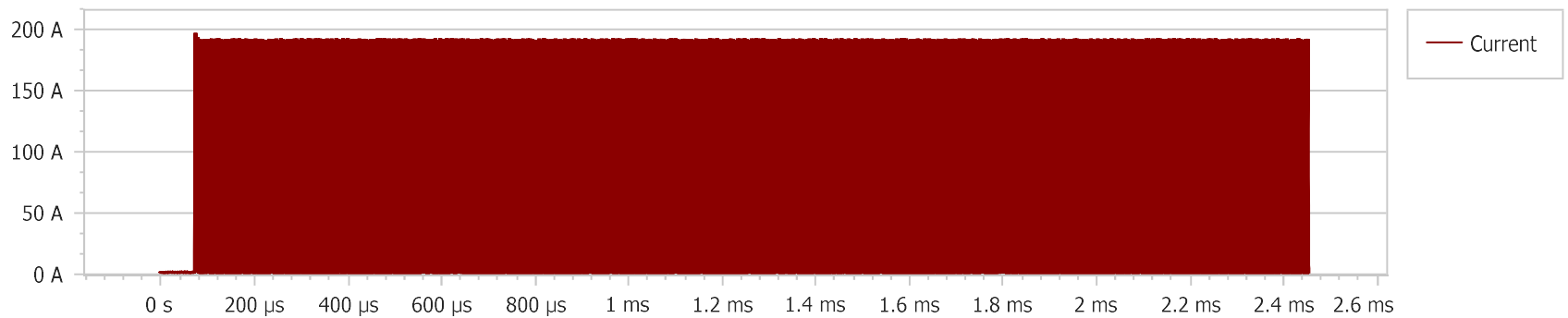
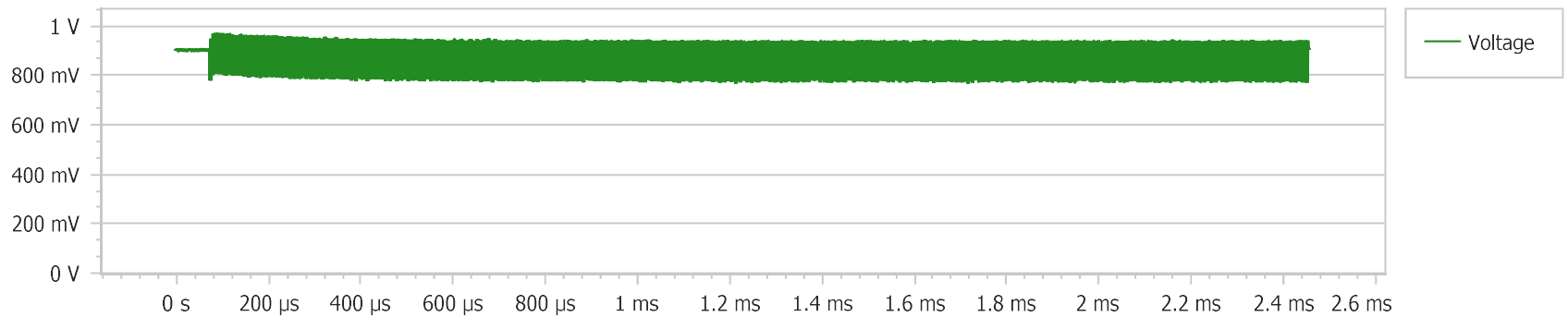
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 220 kHz

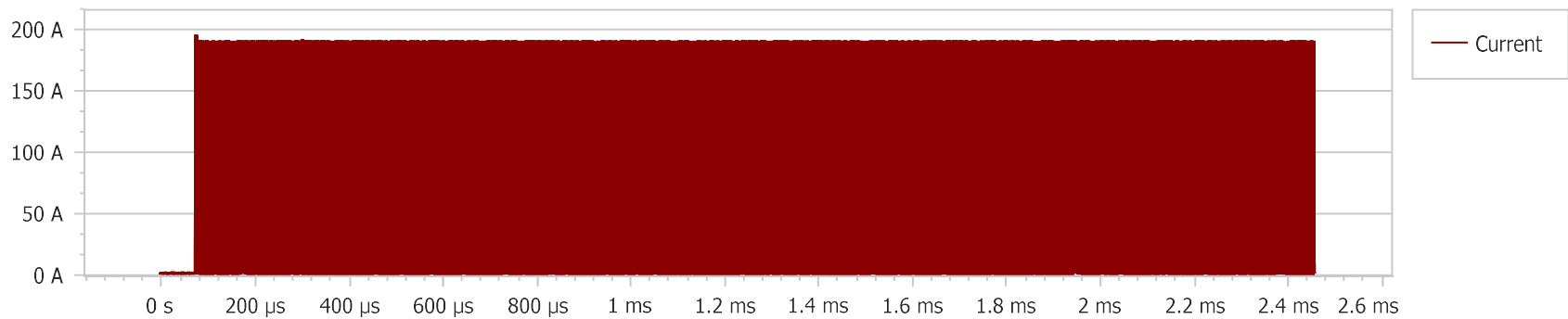
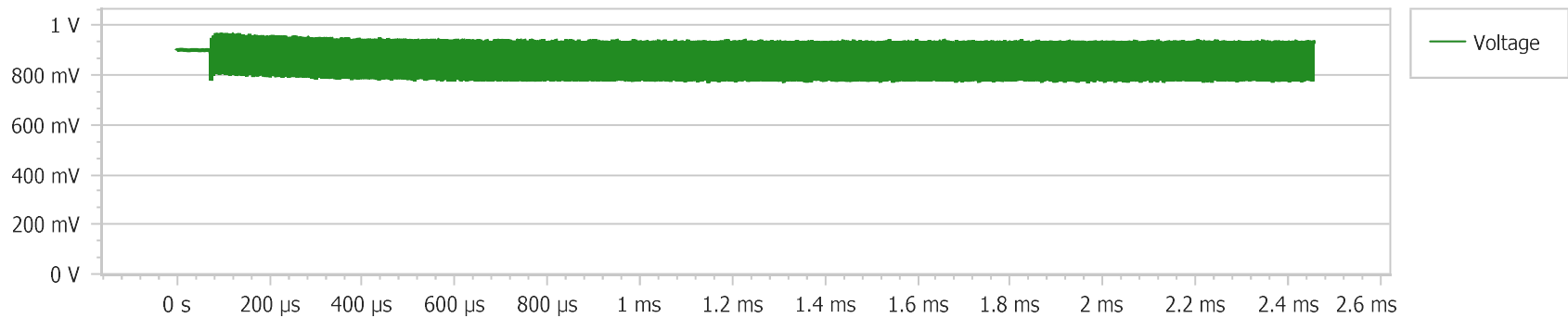
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

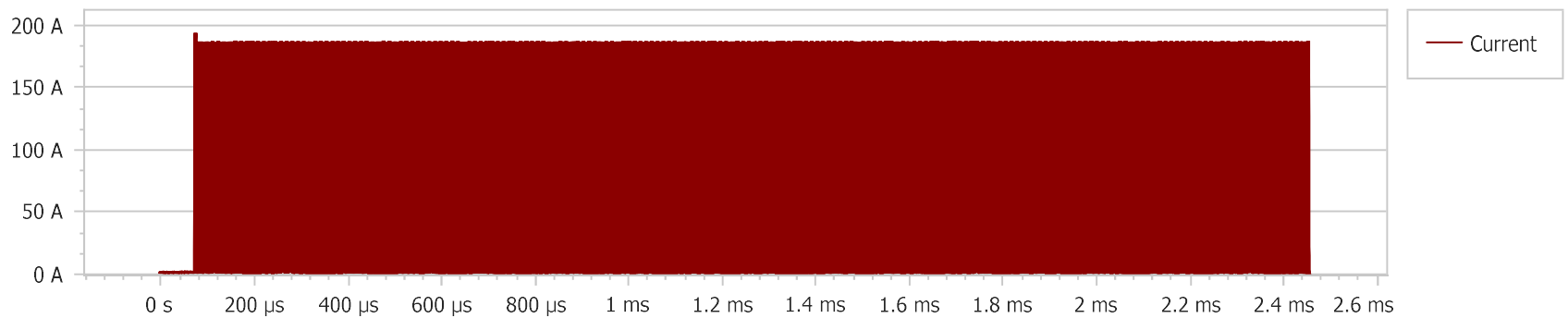
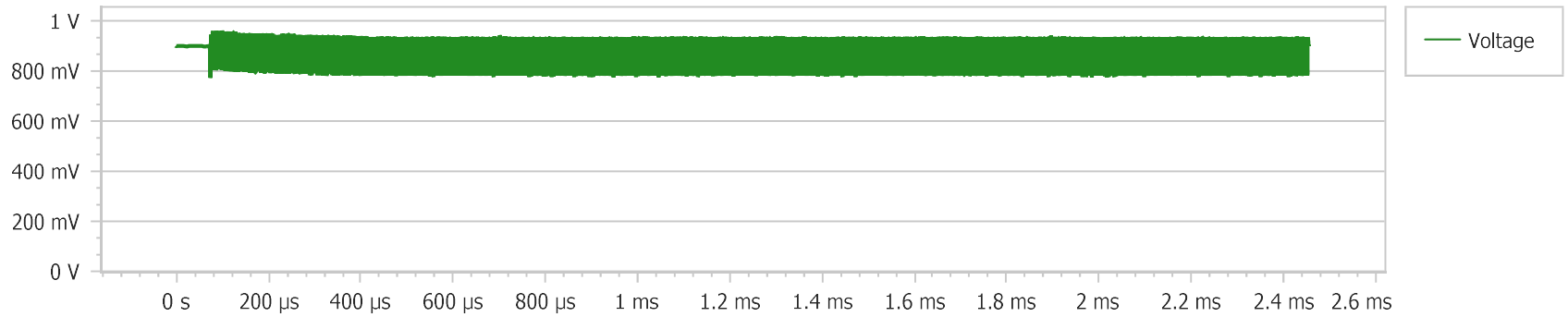
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 260 kHz

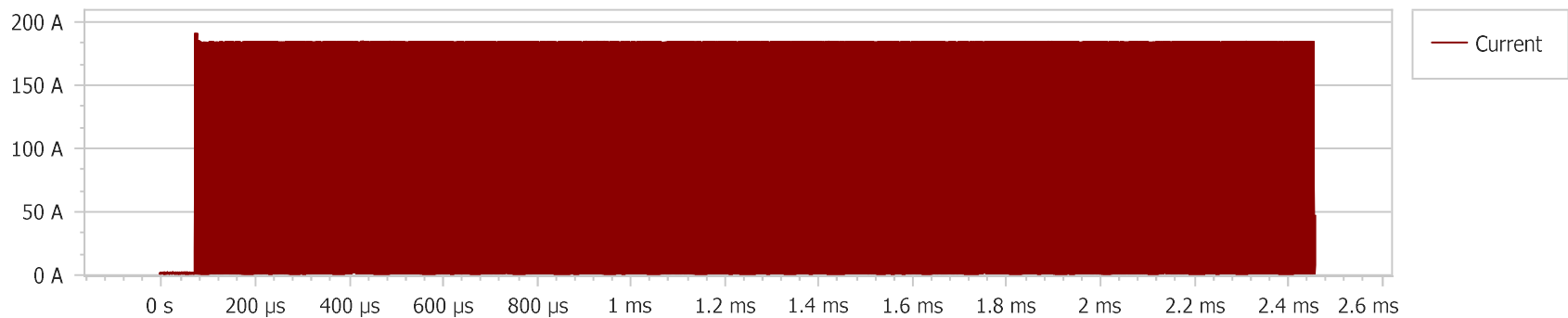
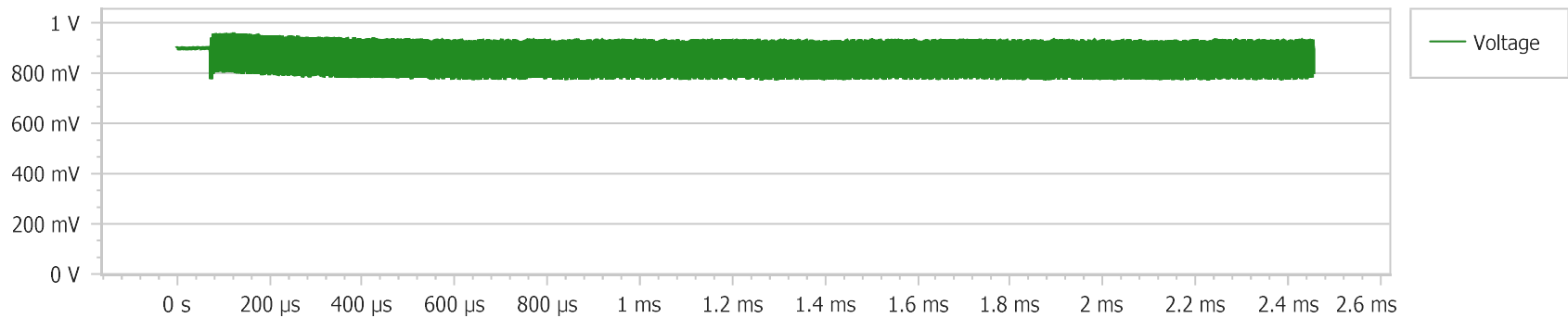
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 280 kHz

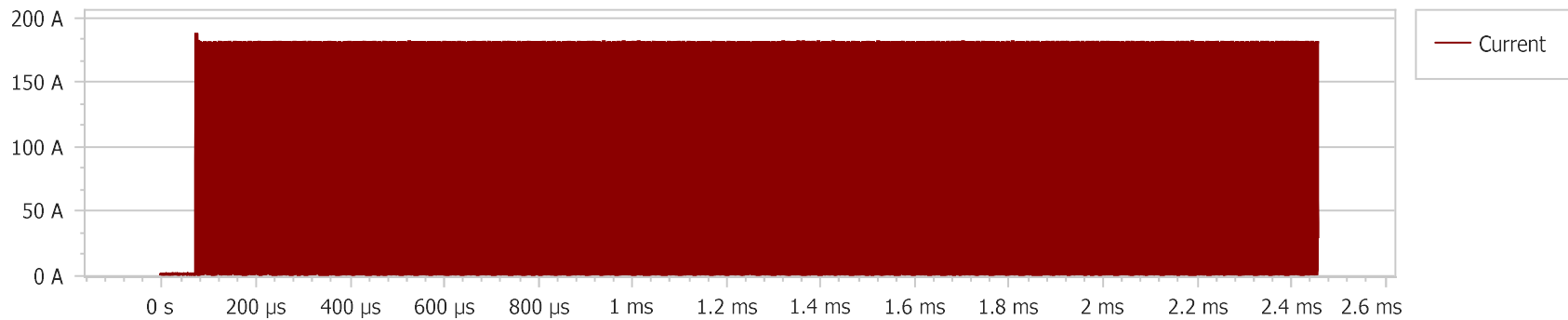
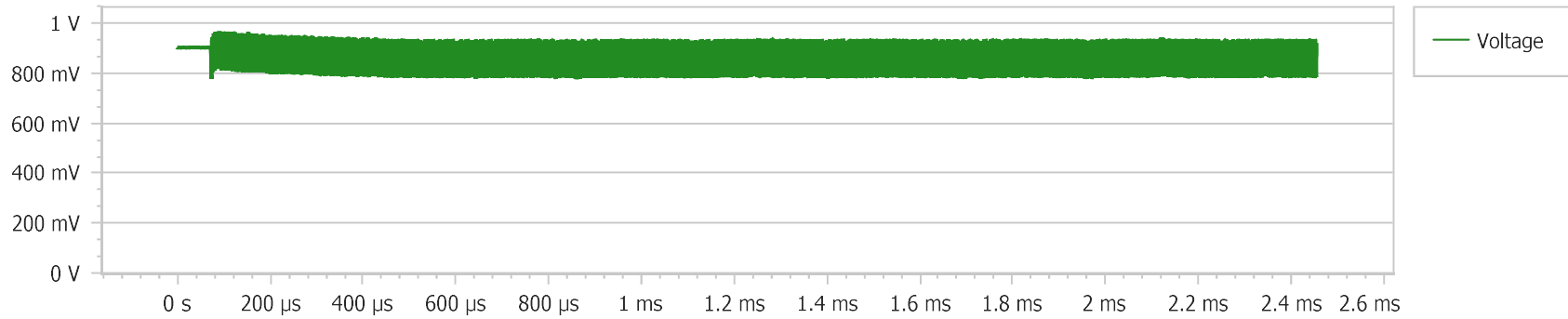
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

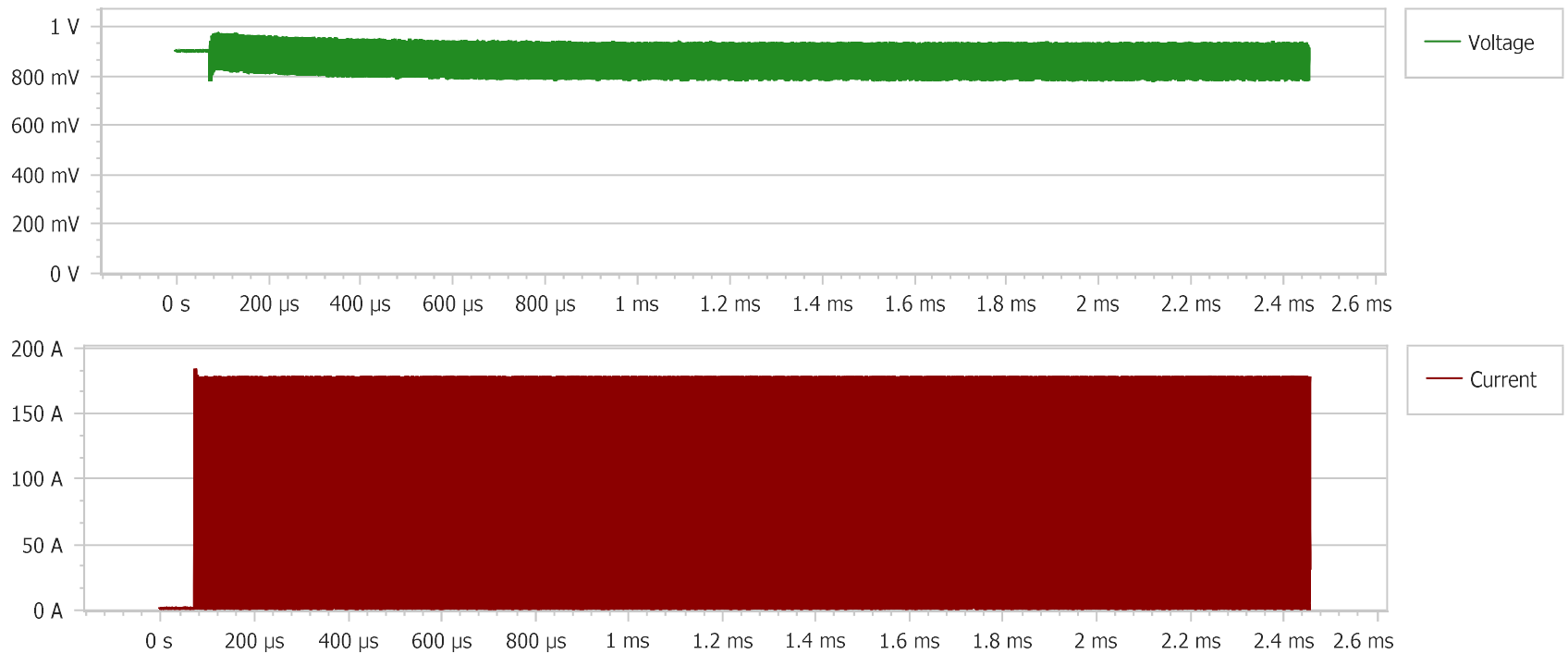
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 320 kHz

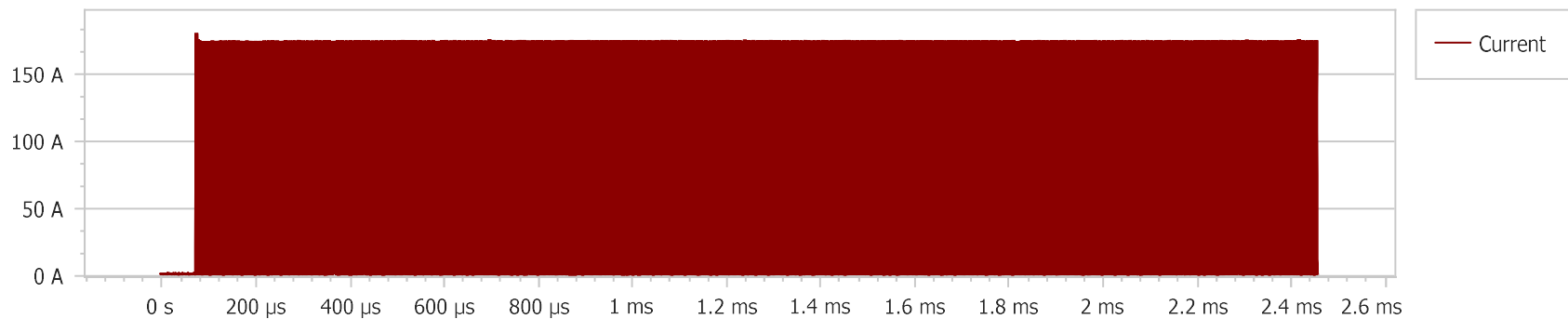
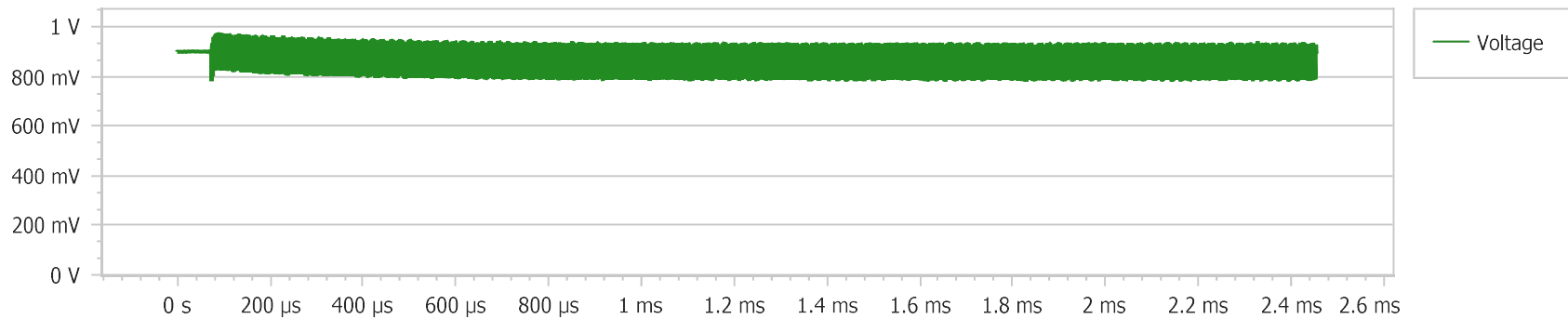
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

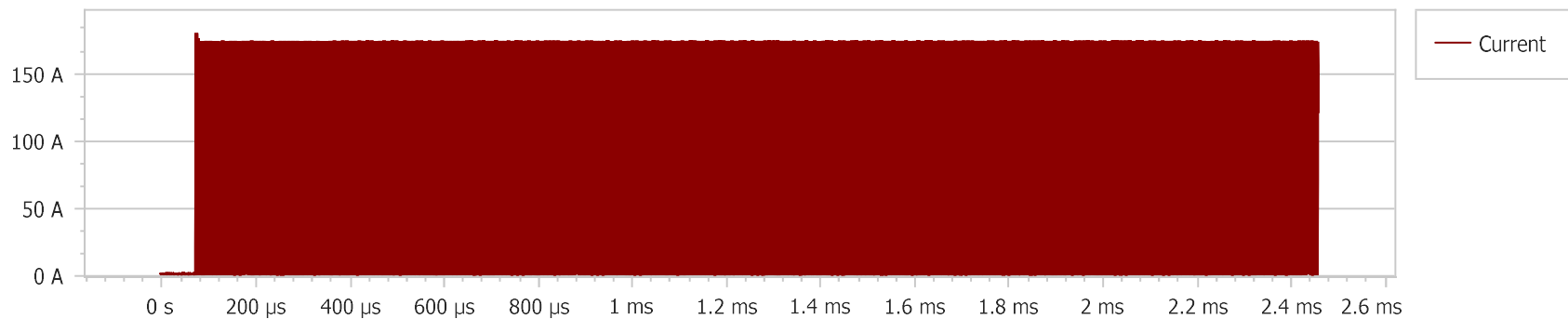
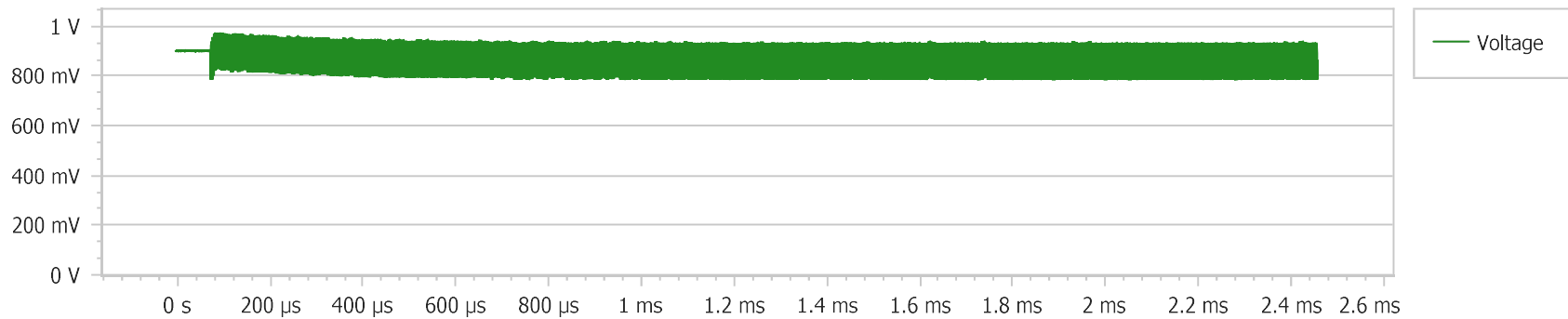
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

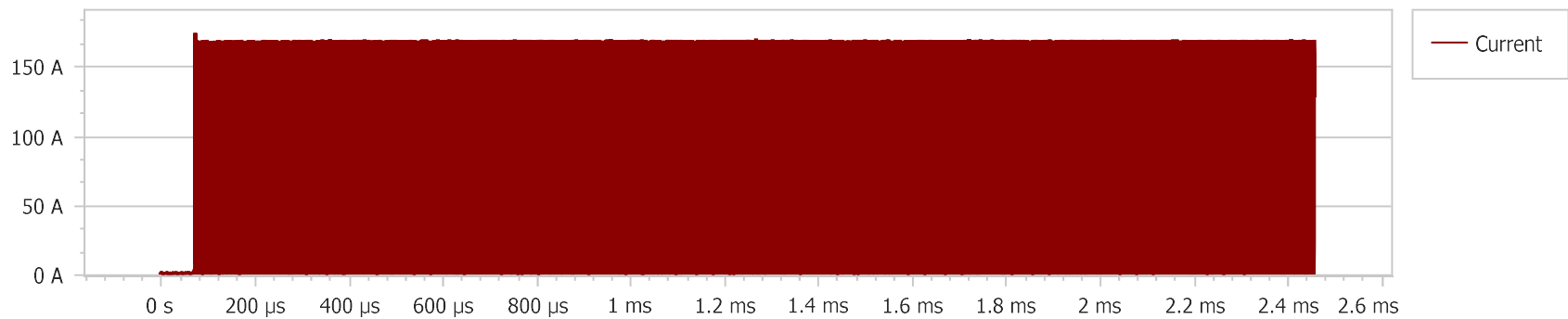
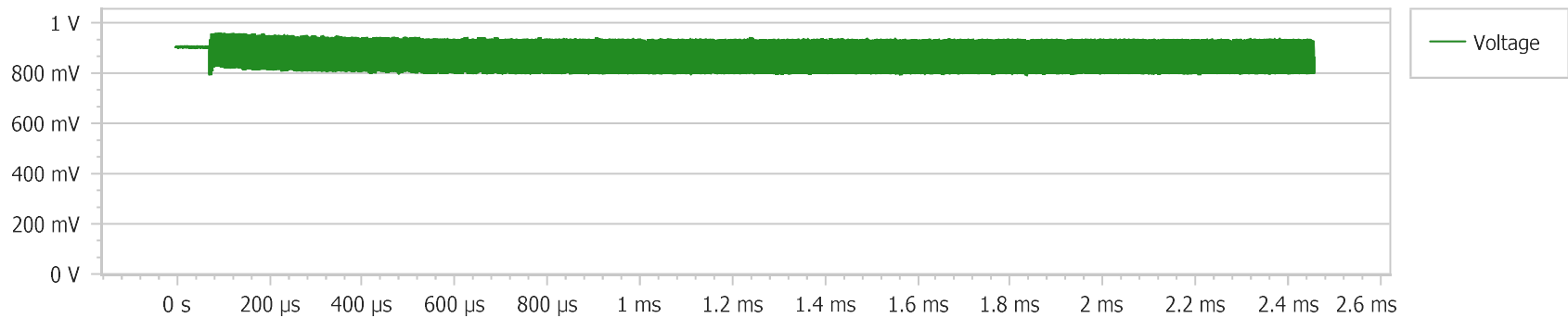
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

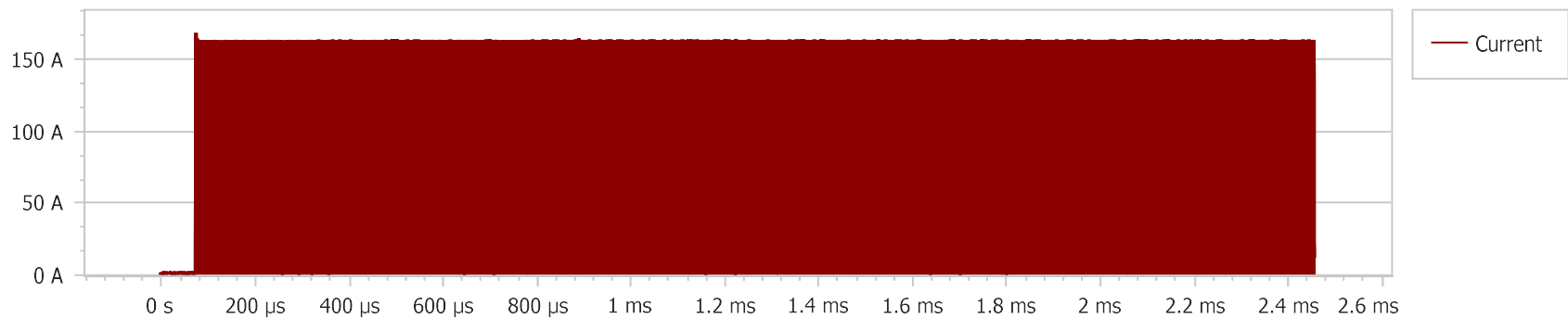
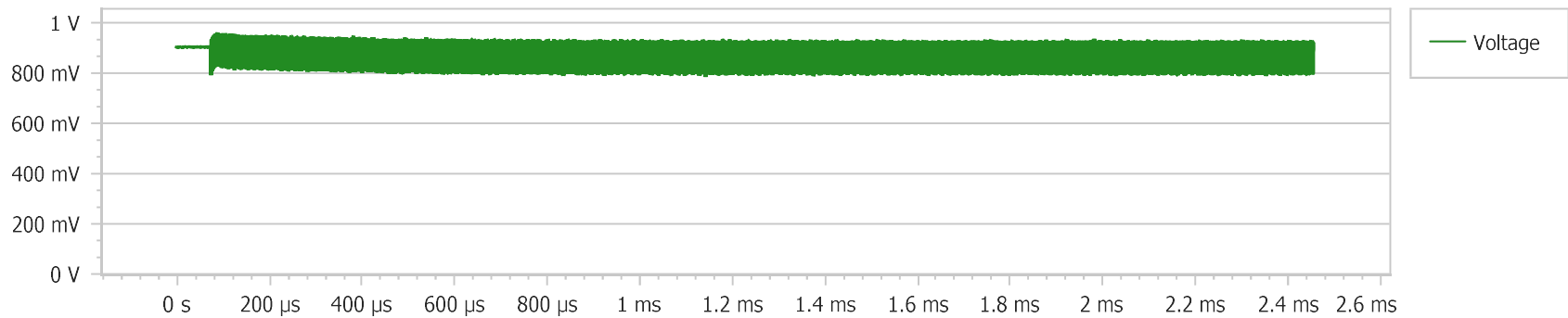
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

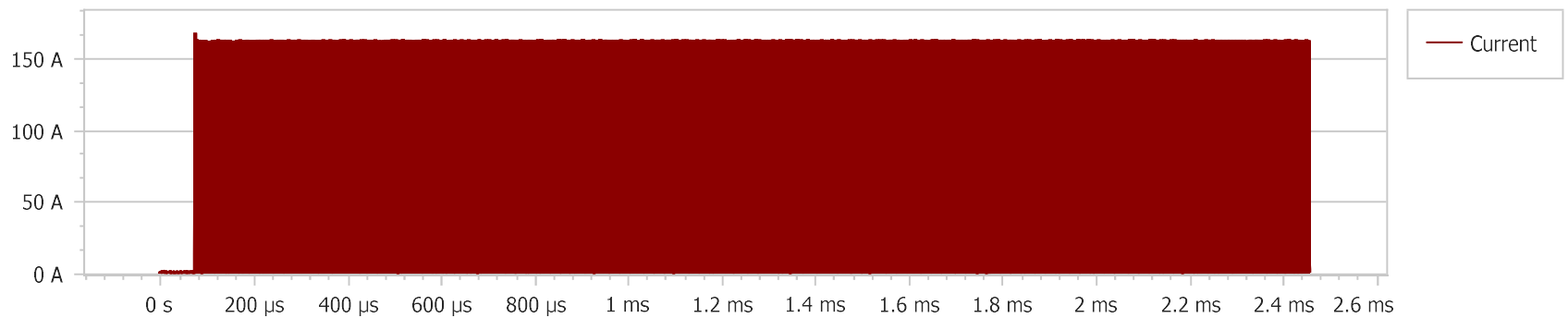
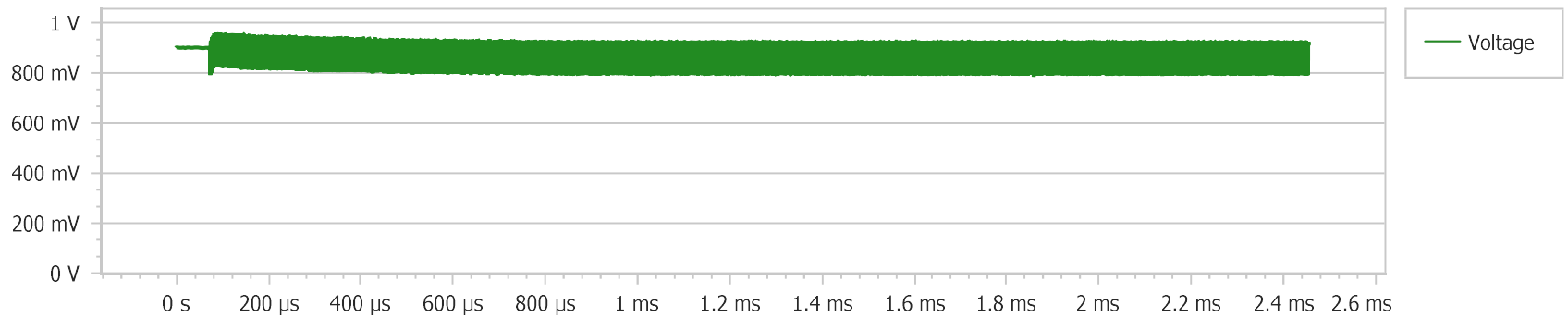
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 420 kHz

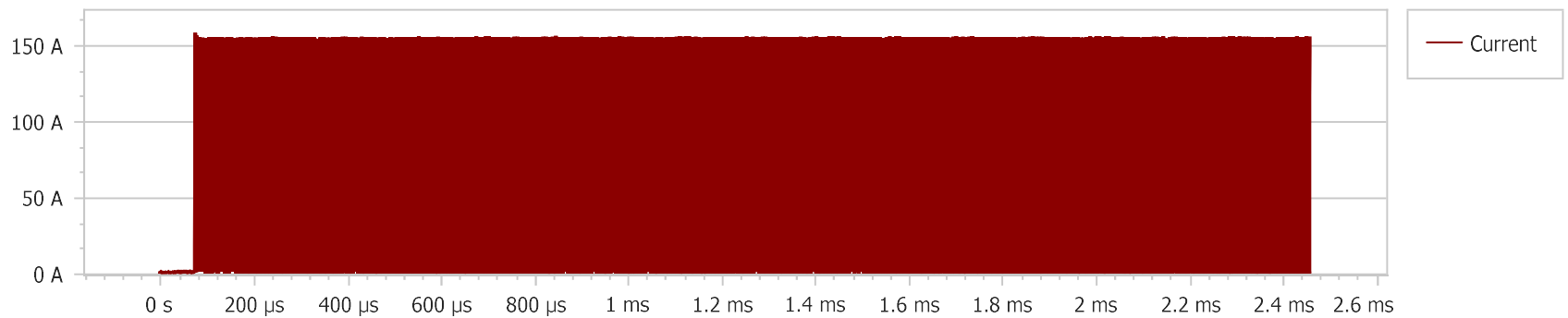
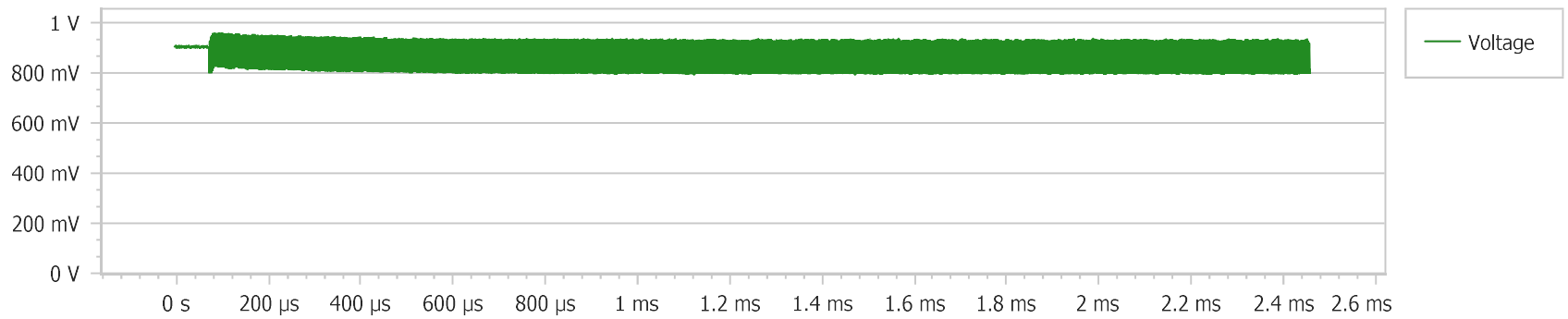
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 440 kHz

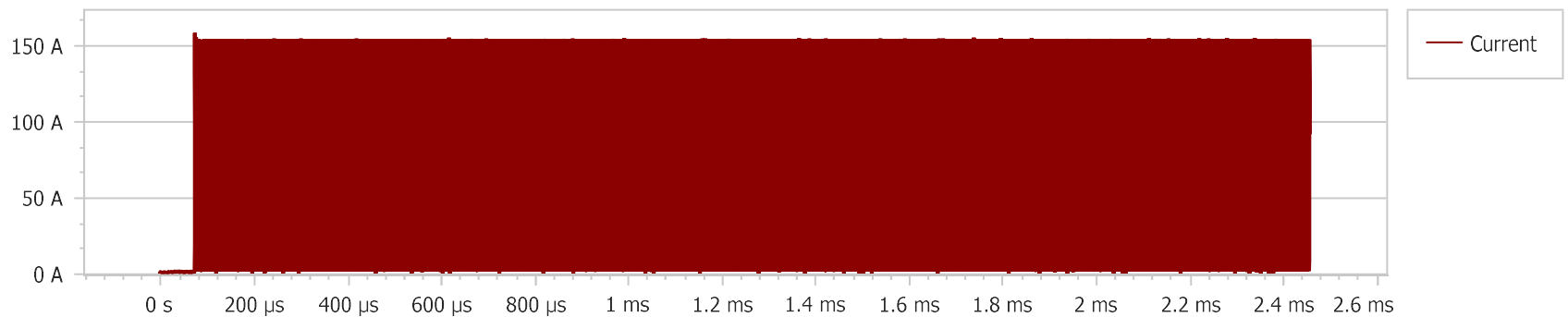
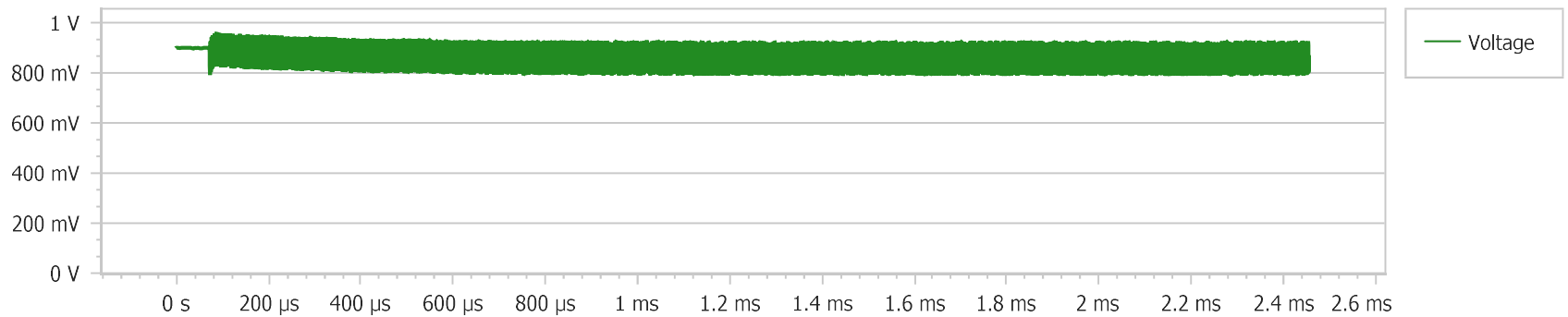
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 460 kHz

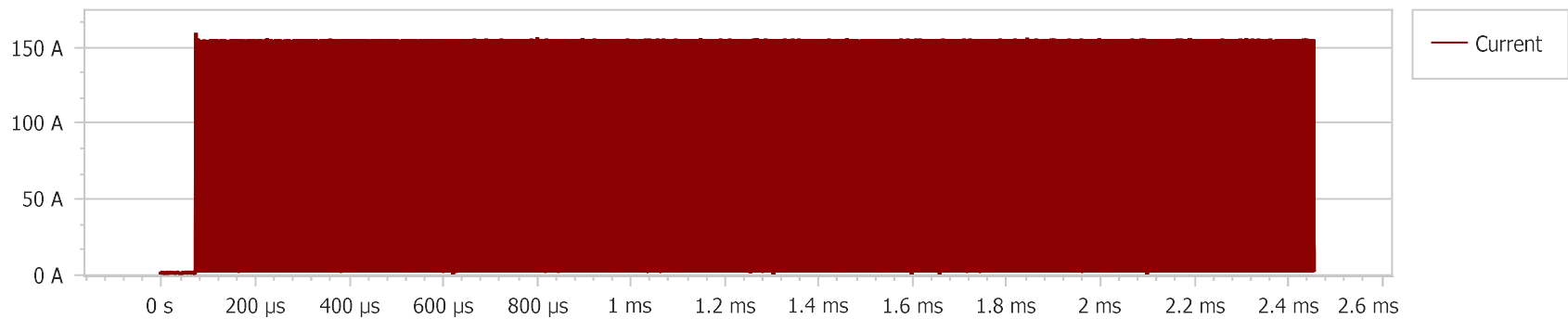
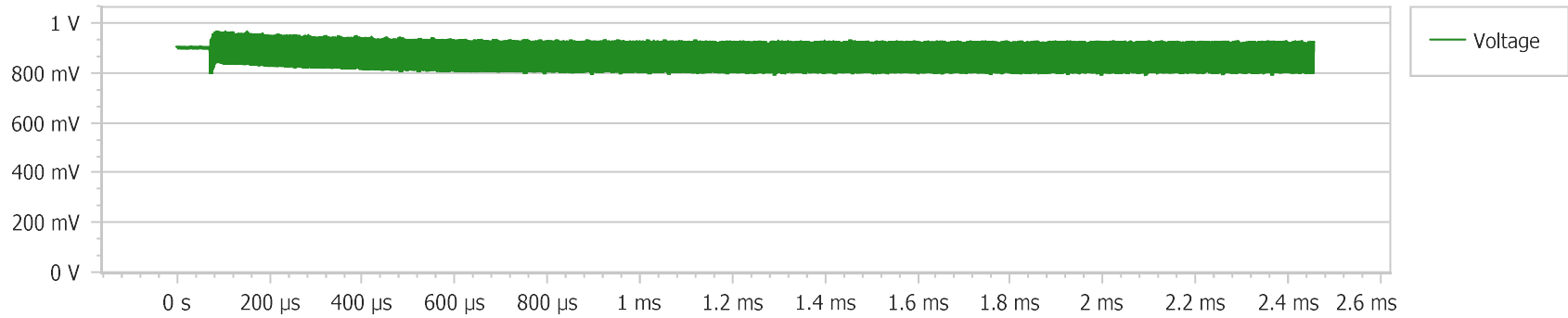
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 480 kHz

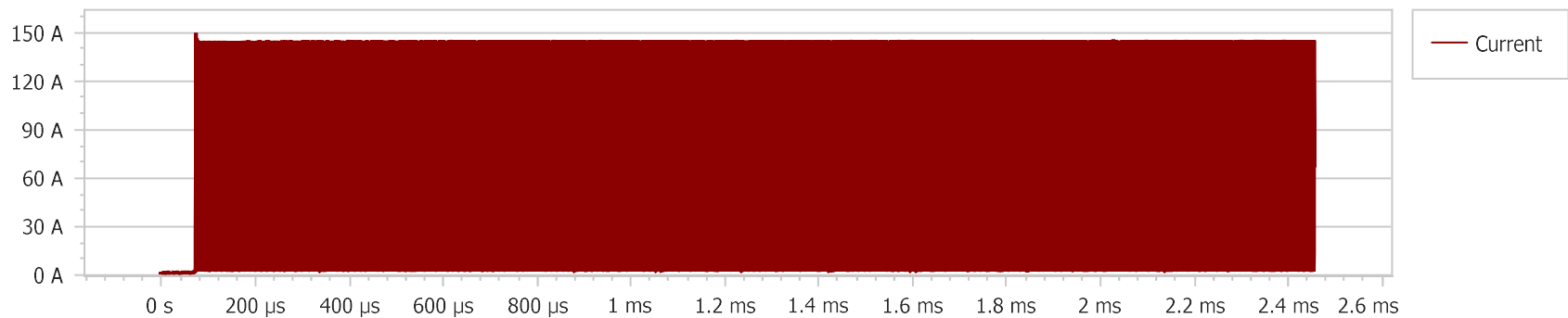
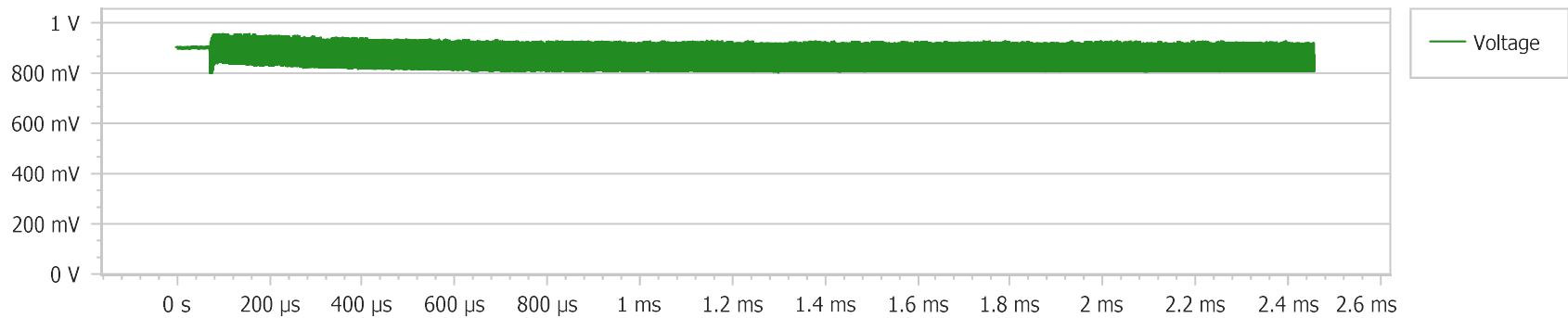
Duty Cycle: 25 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 1 kHz

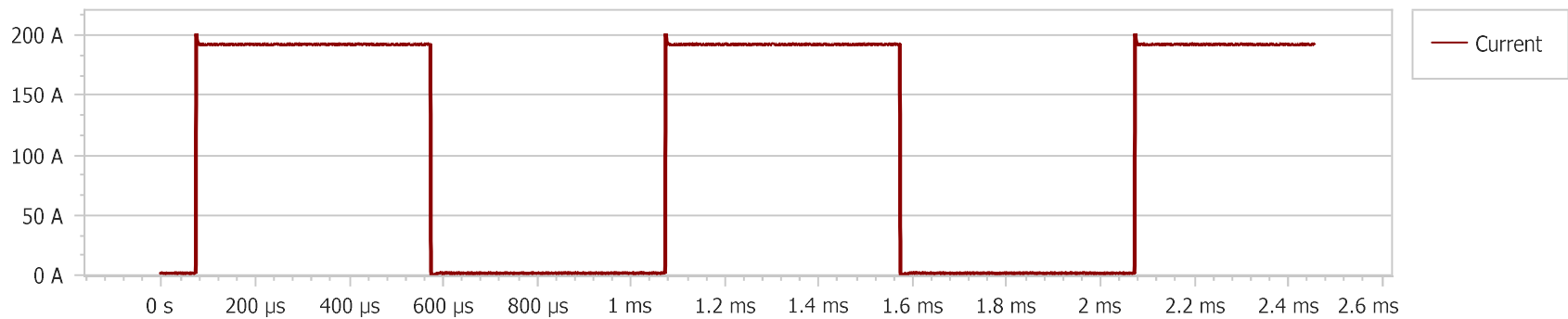
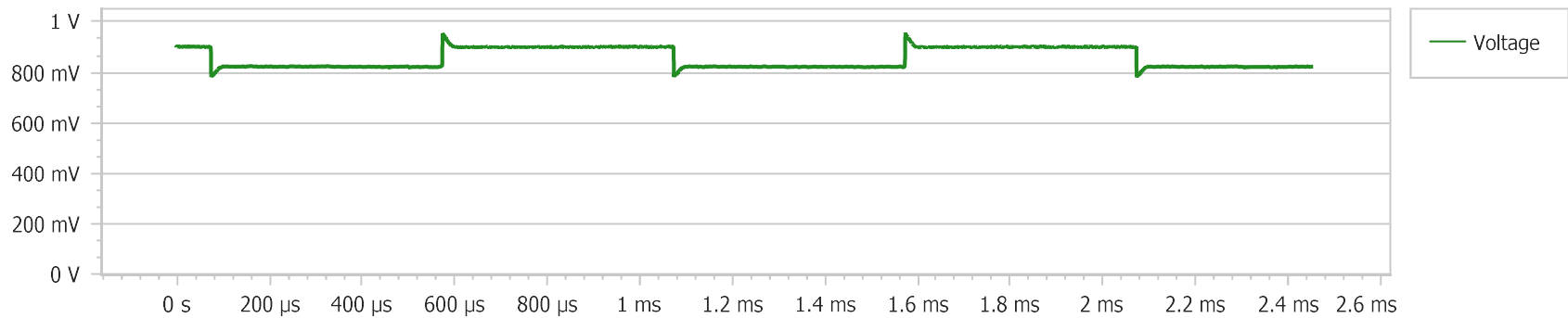
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 2 kHz

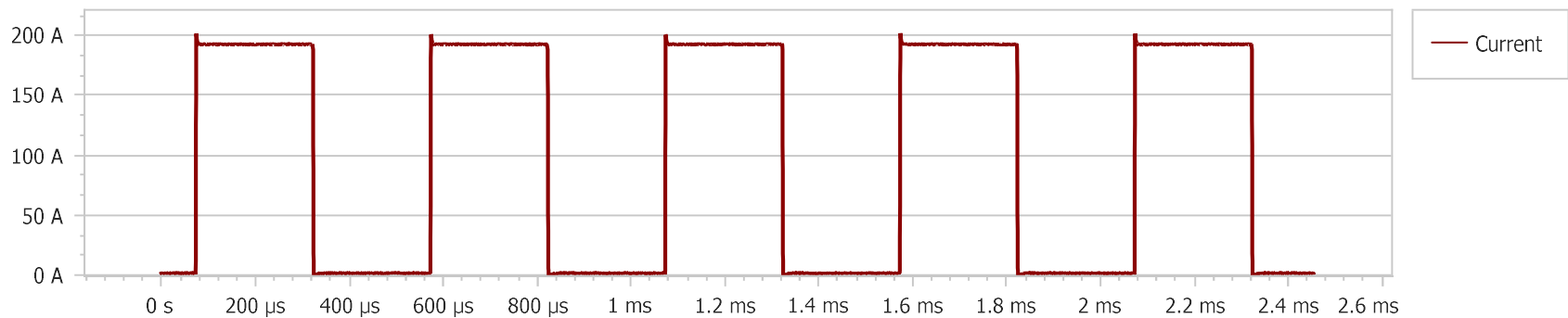
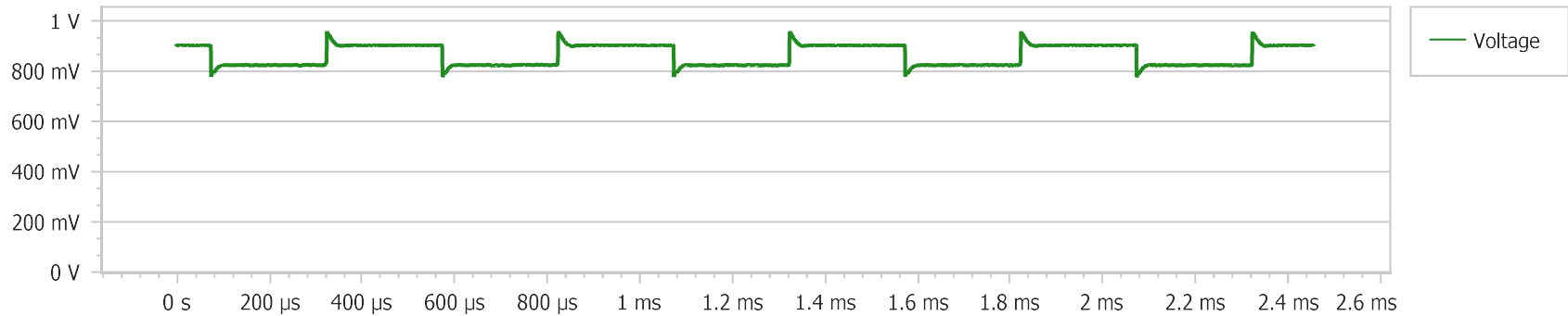
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

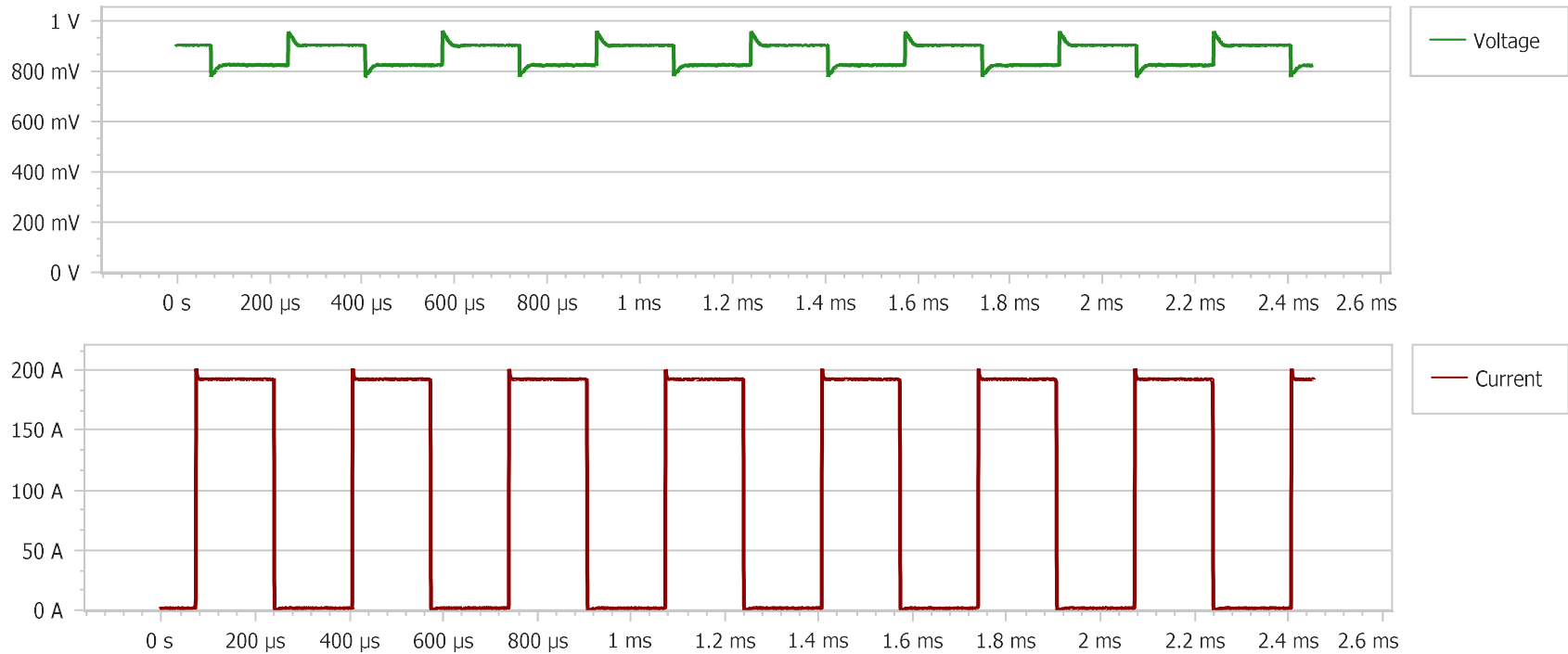
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 4 kHz

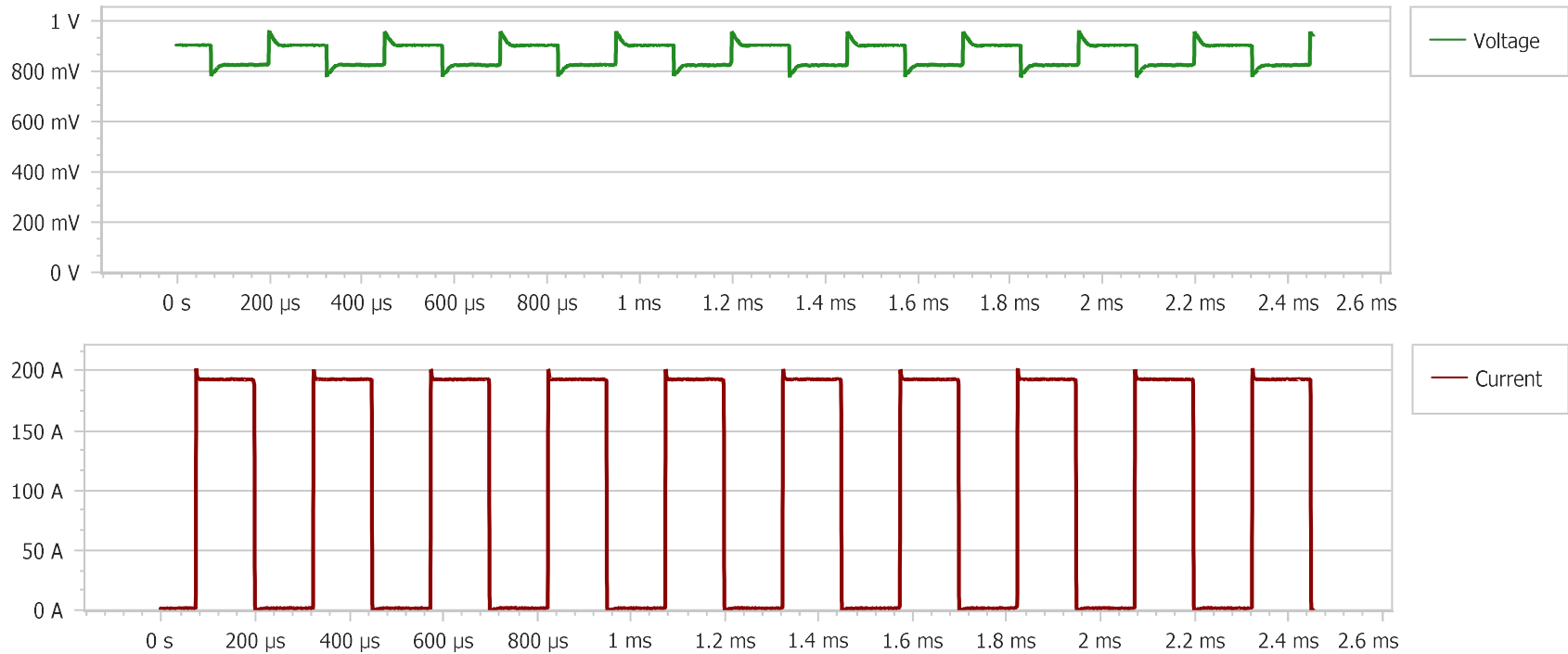
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

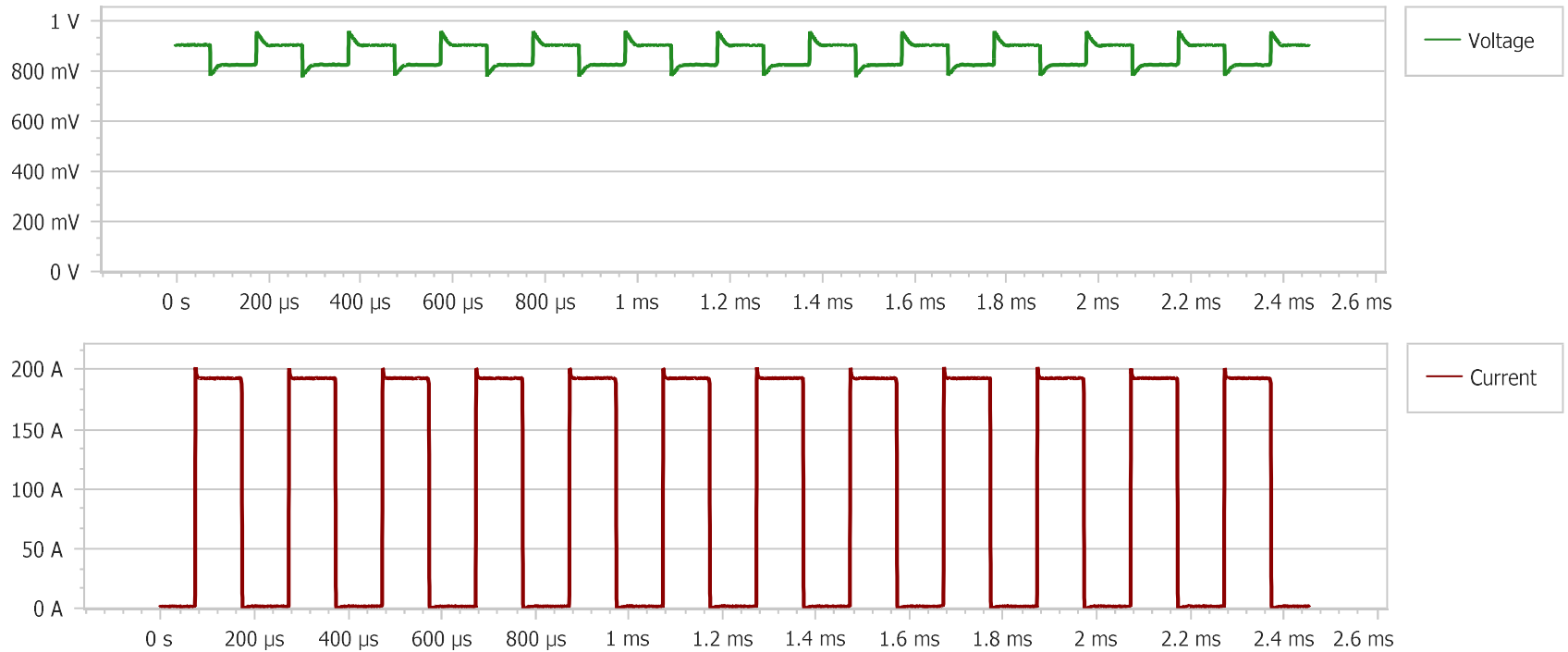
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

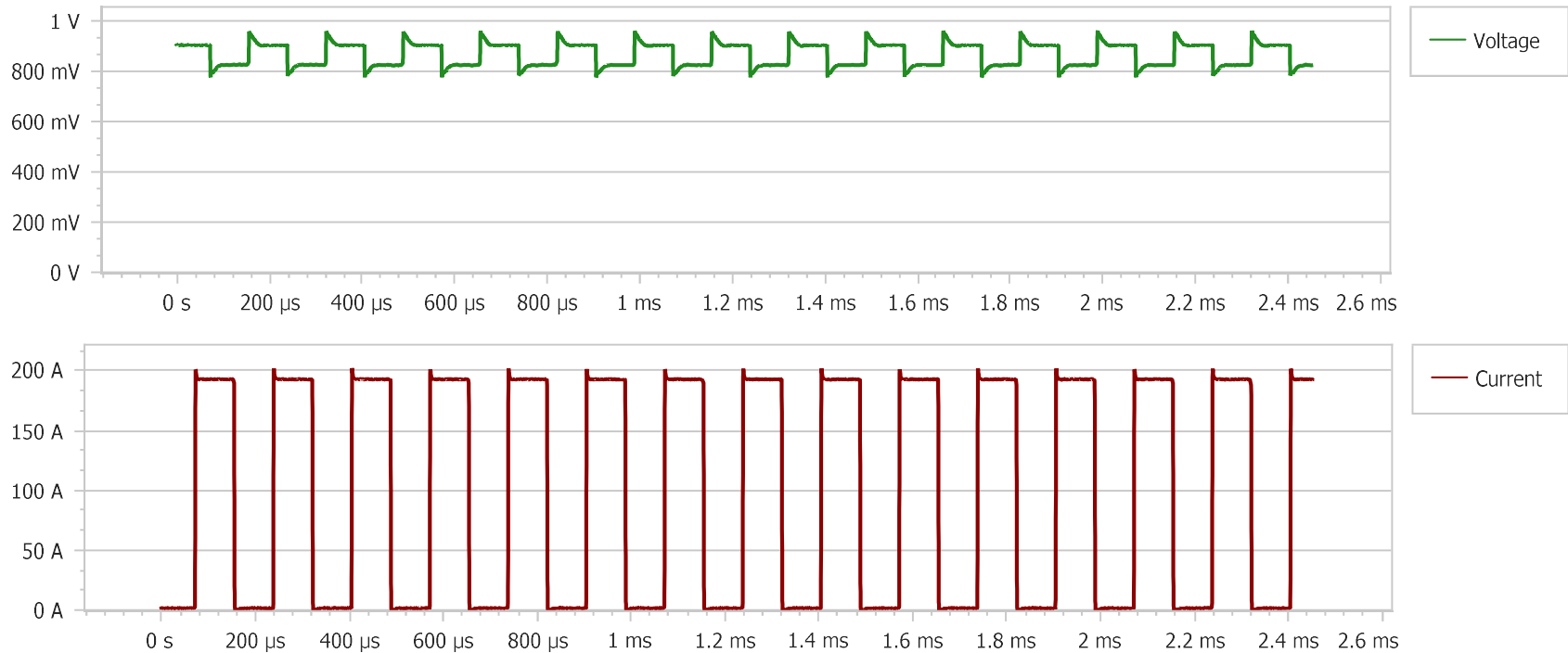
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 7 kHz

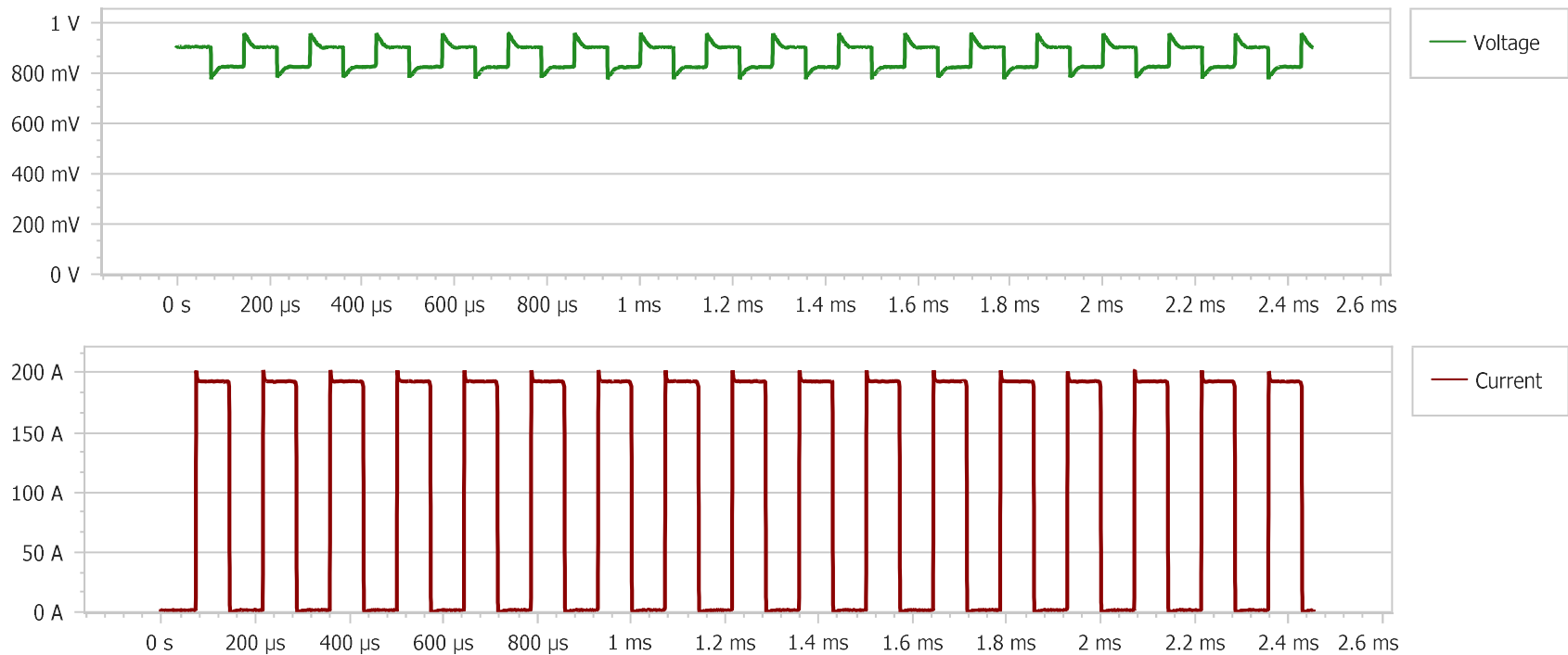
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 8 kHz

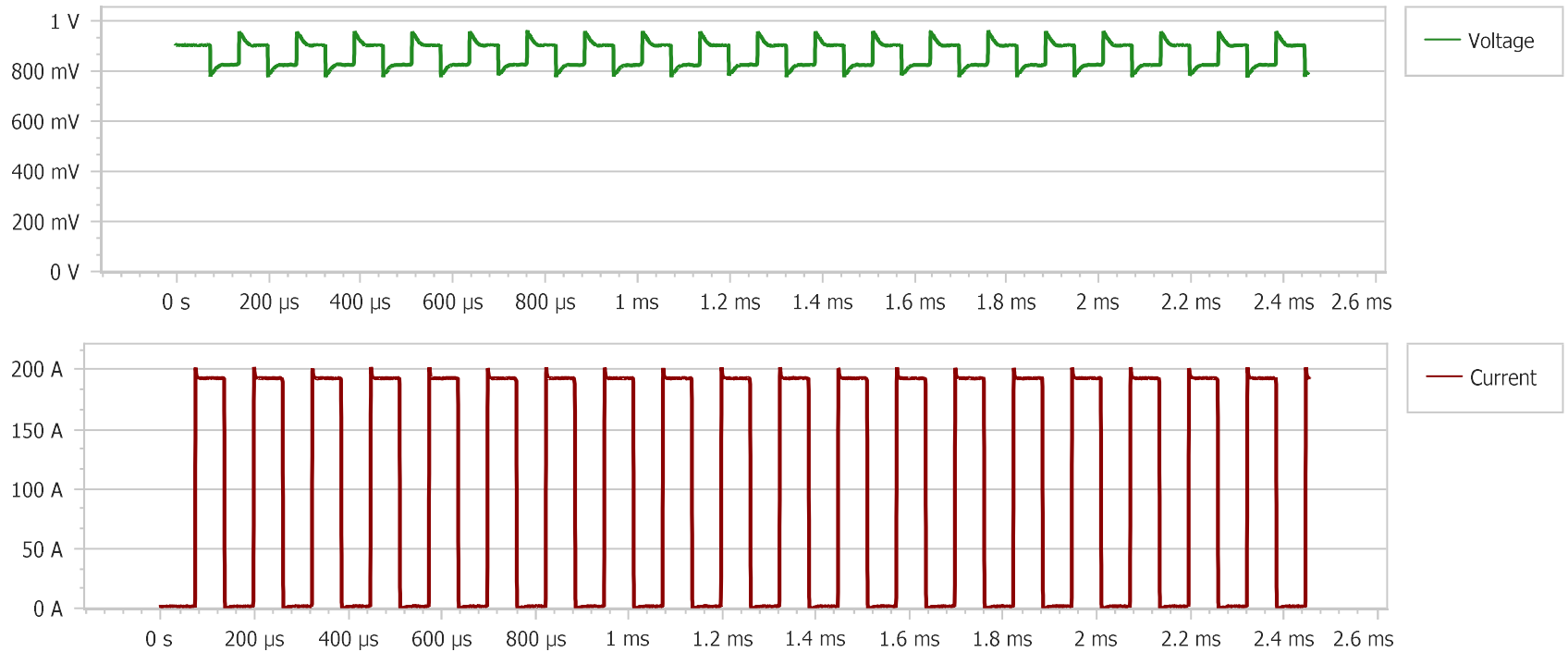
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 9 kHz

Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

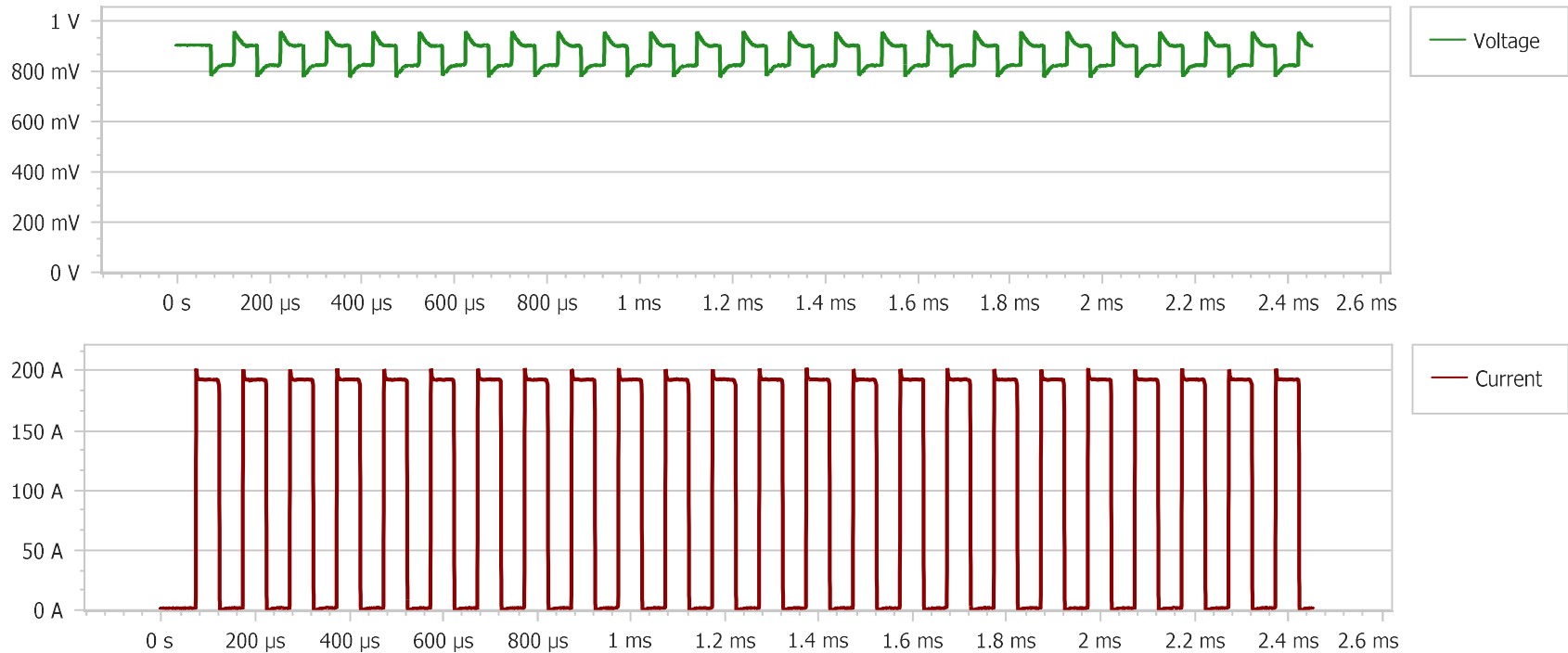
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 20 kHz

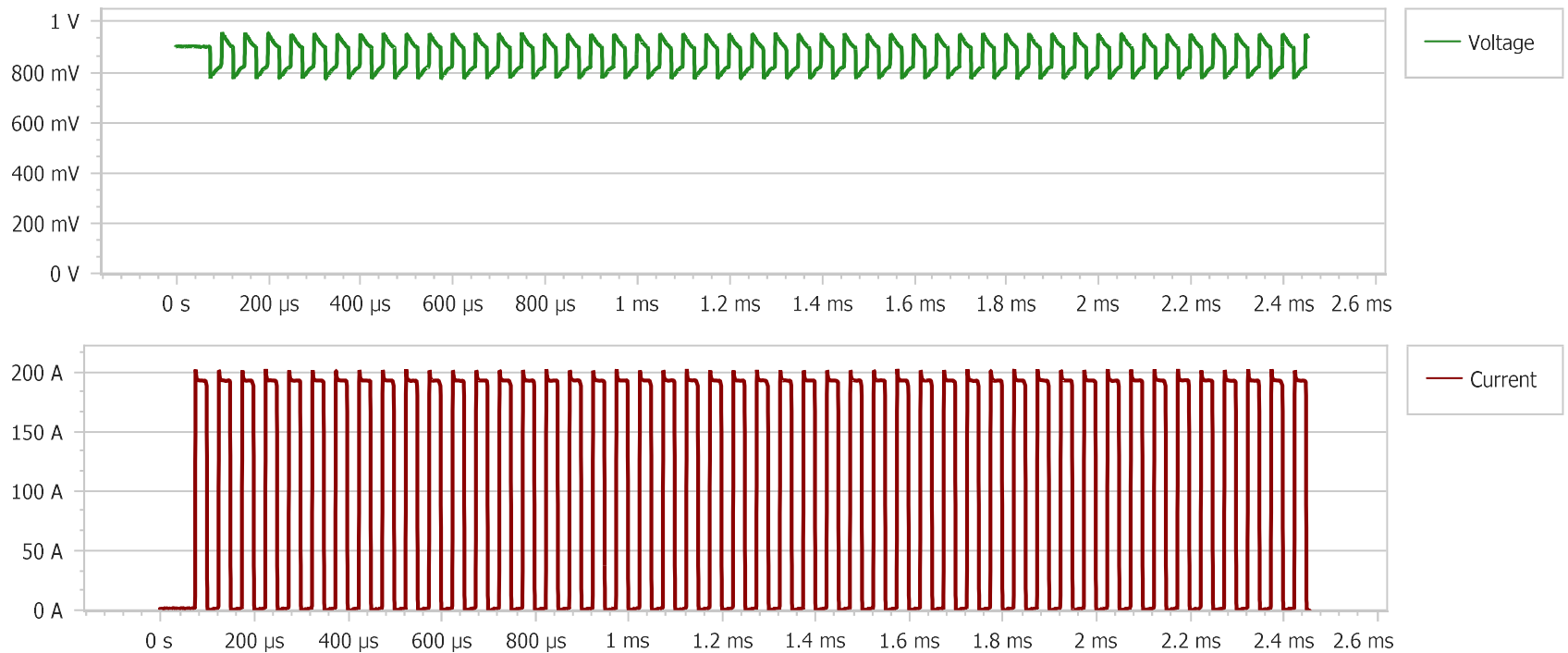
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

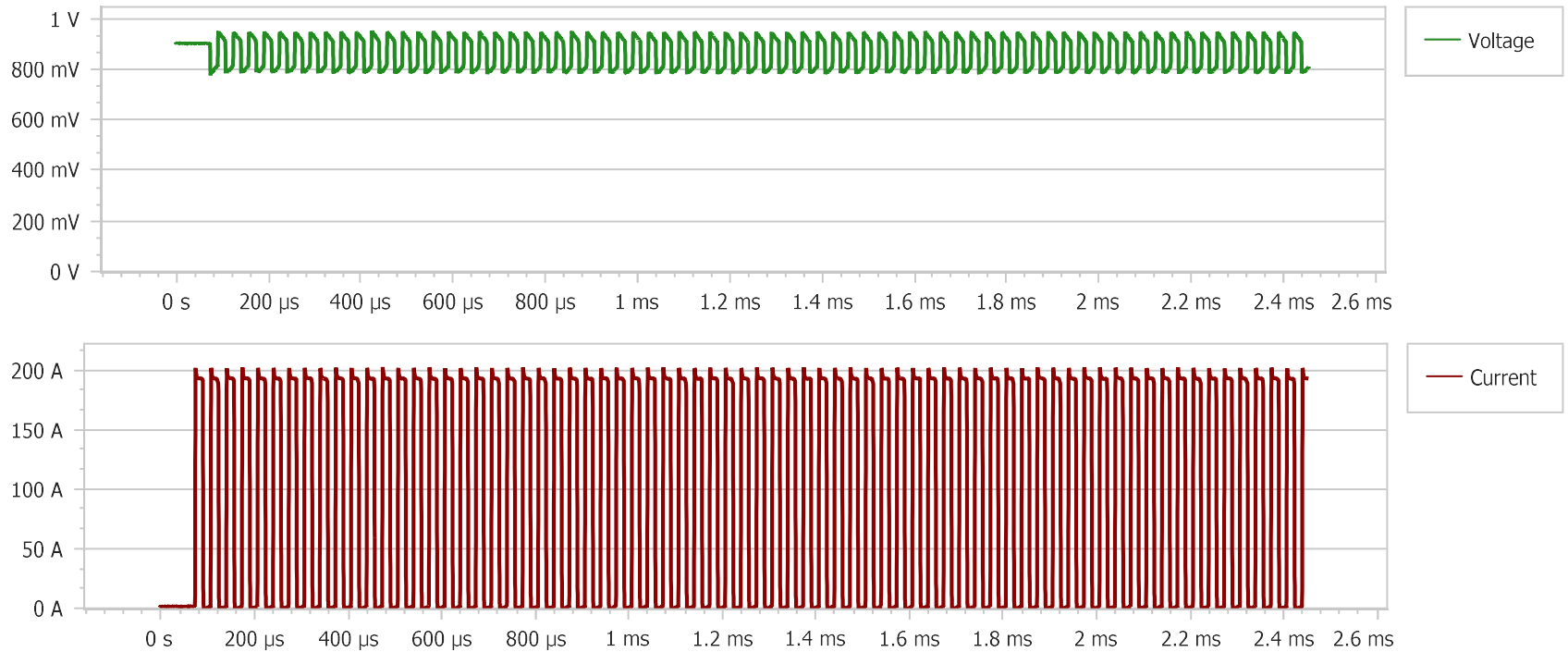
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

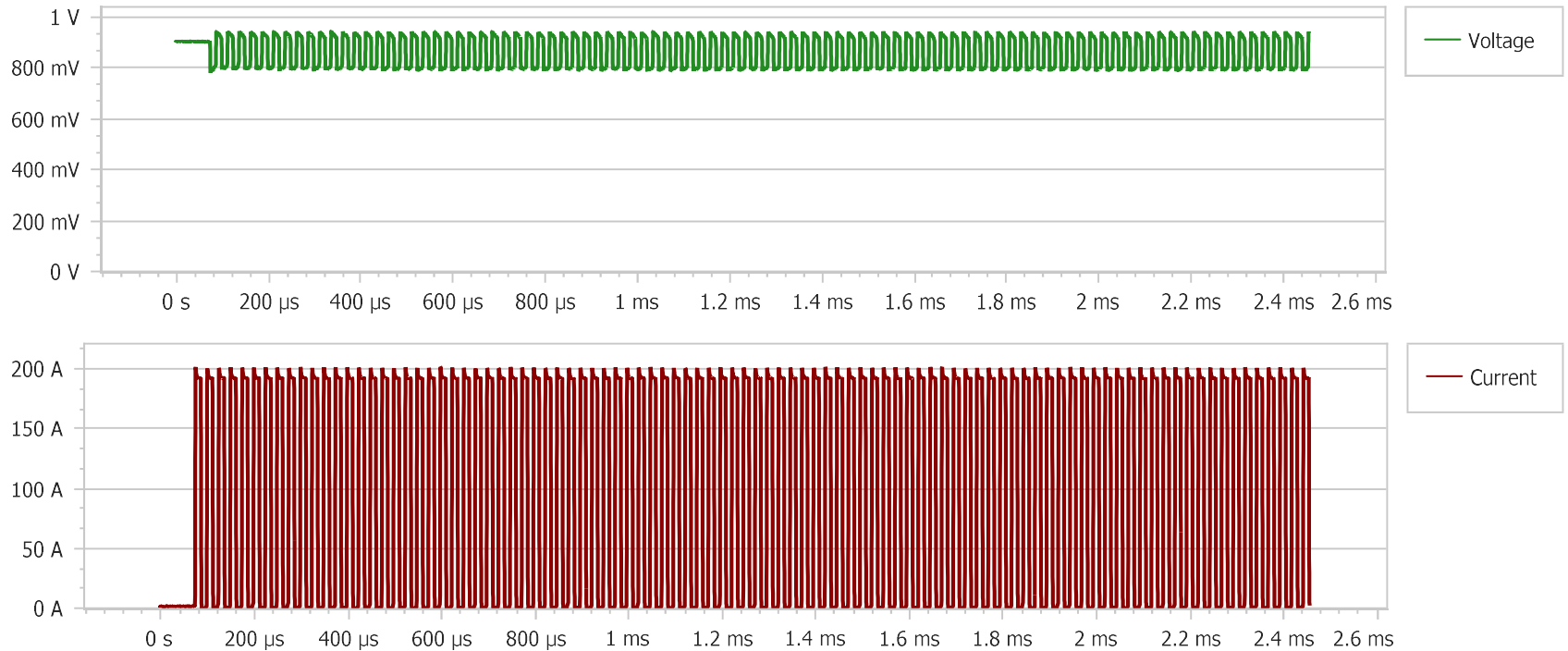
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

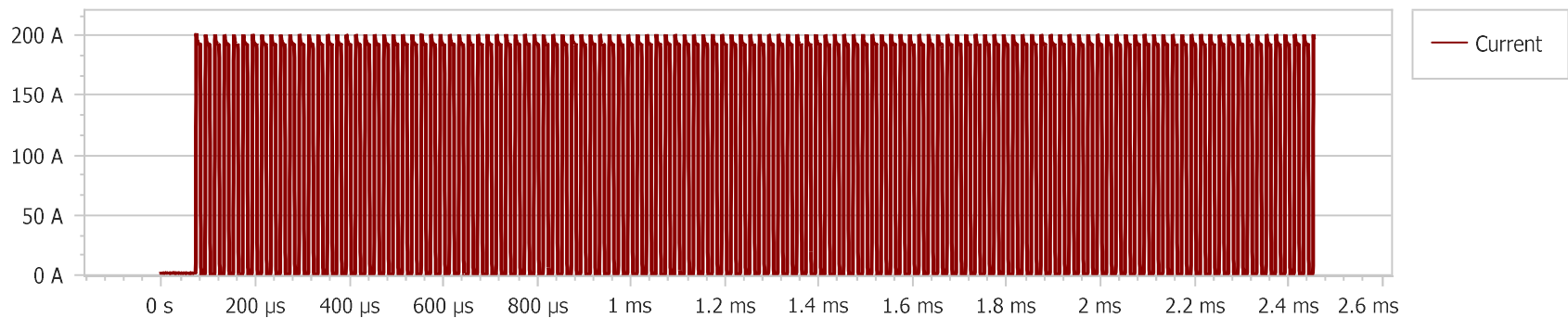
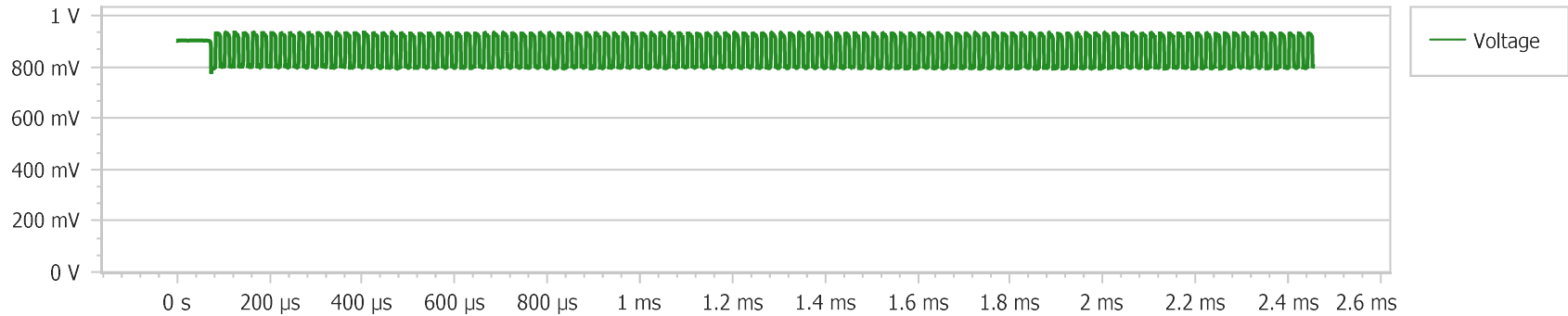
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

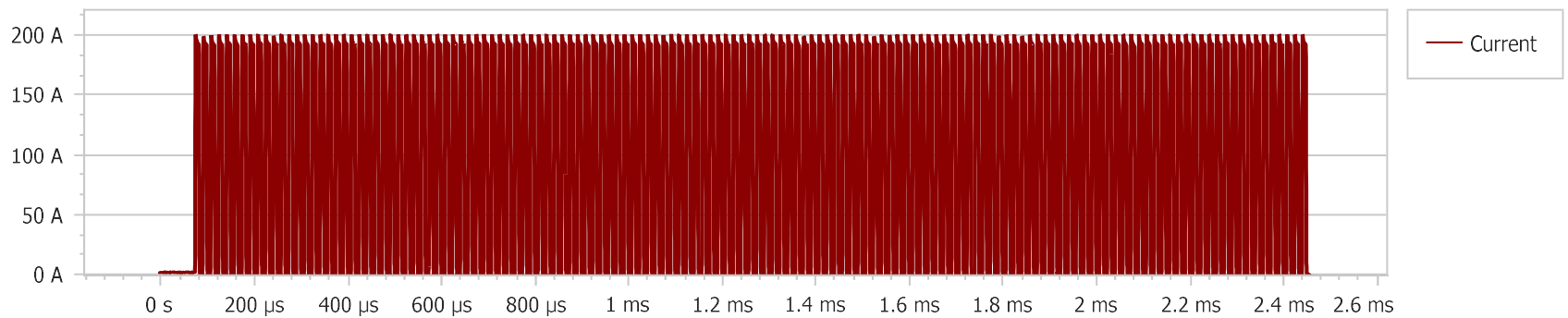
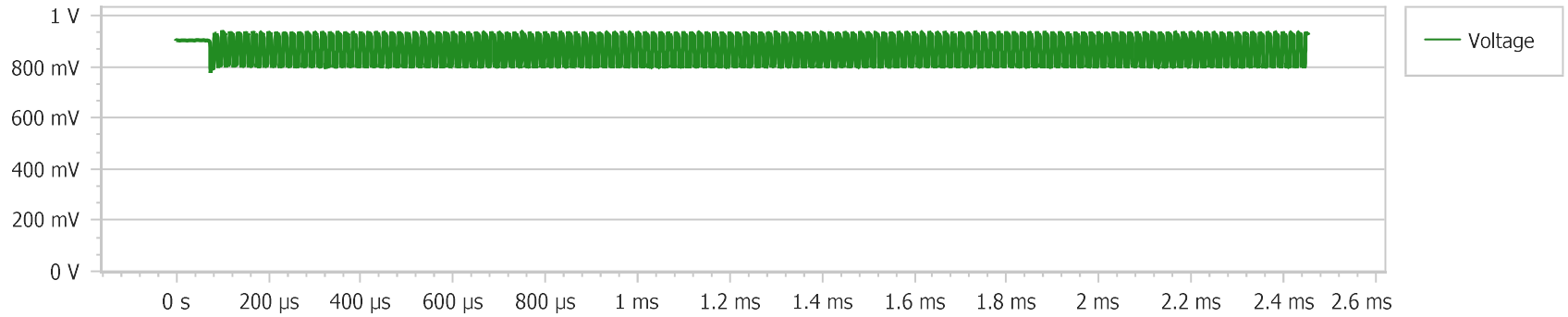
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

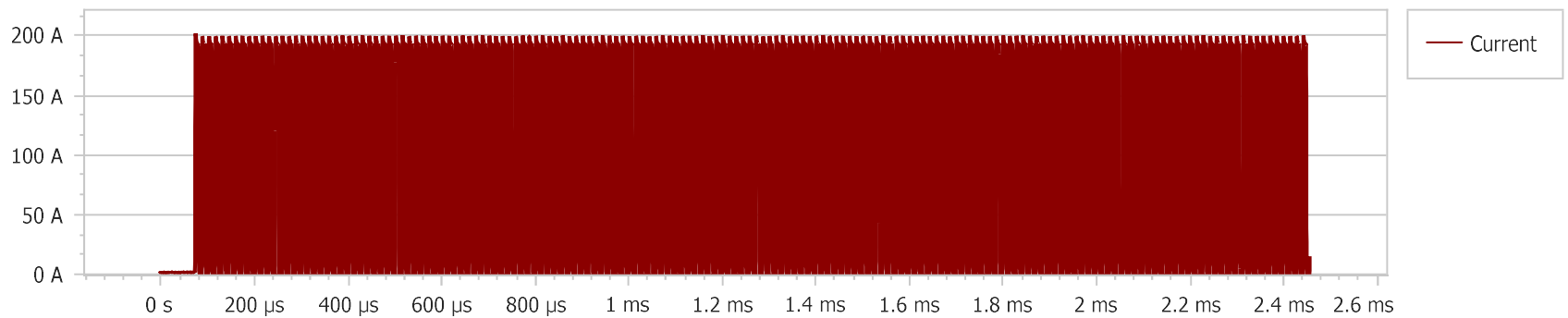
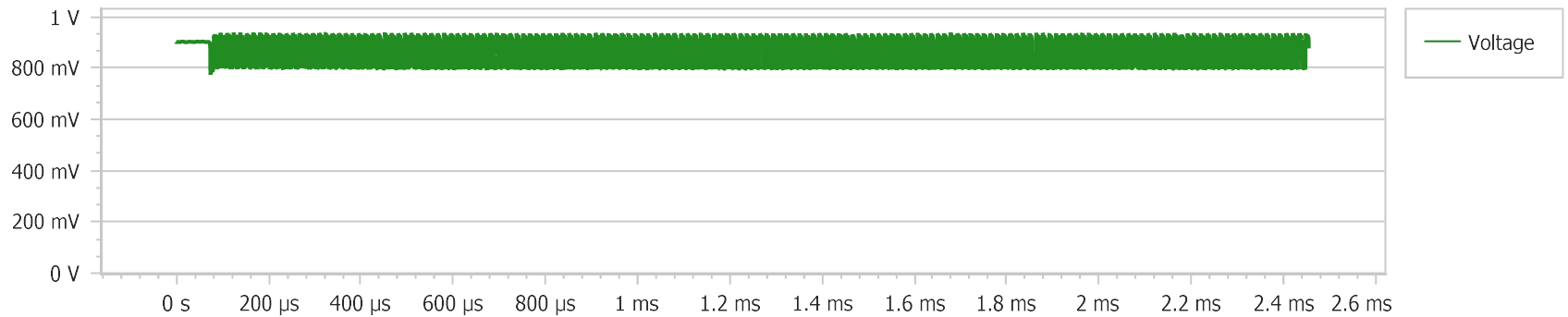
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

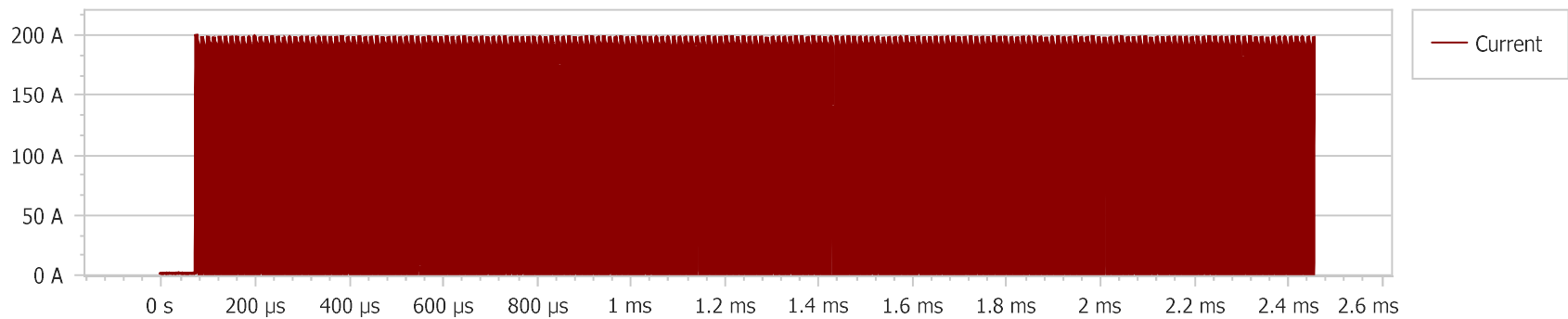
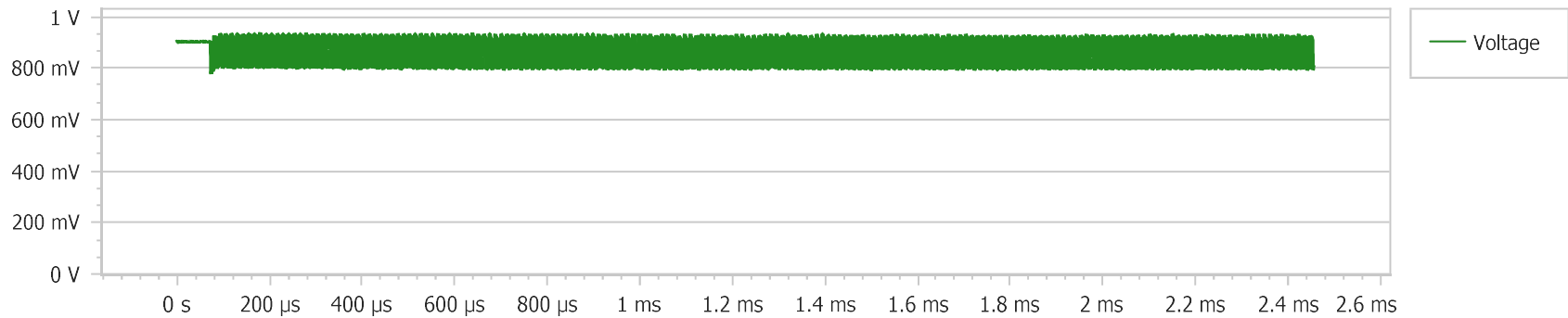
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 90 kHz

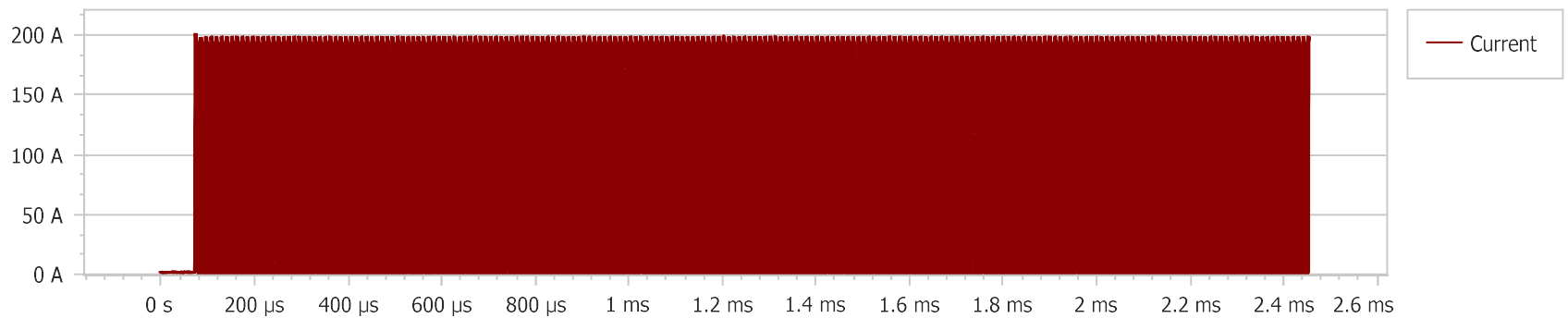
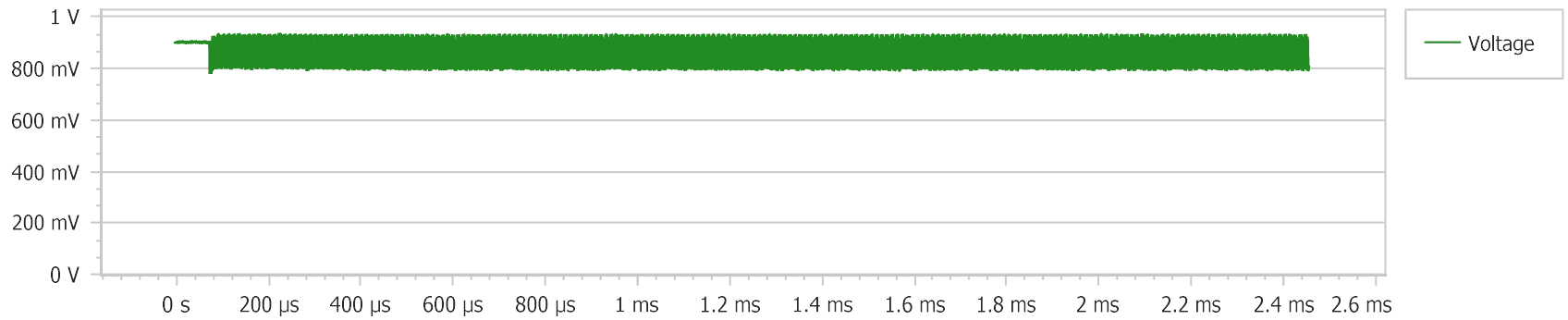
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 100 kHz

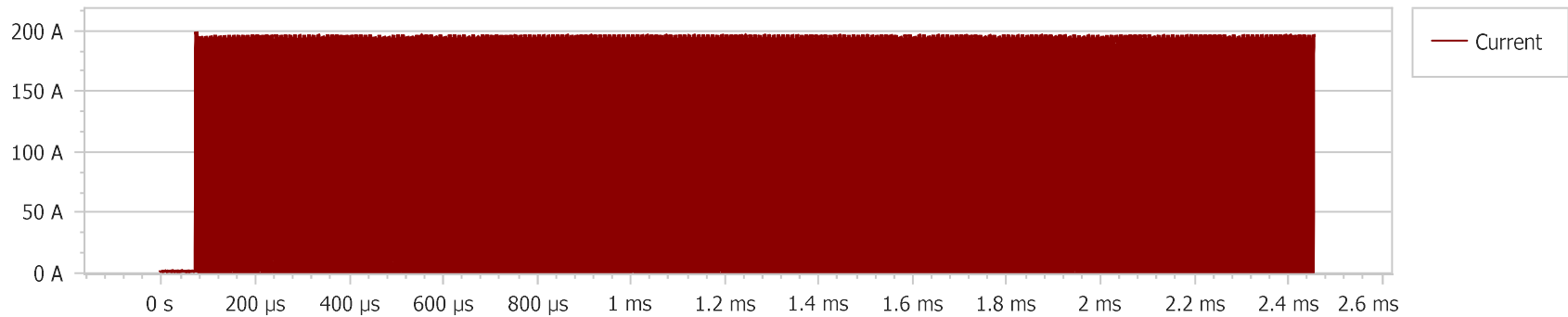
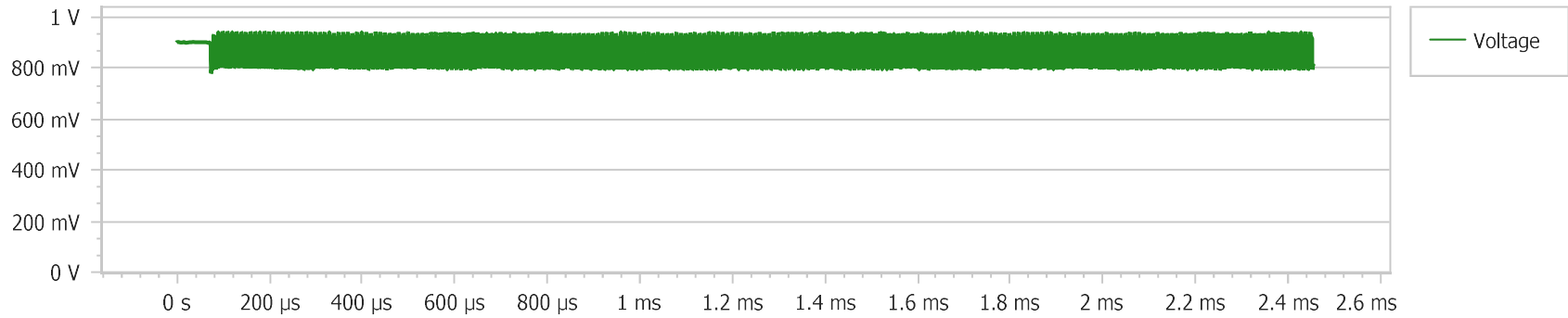
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 120 kHz

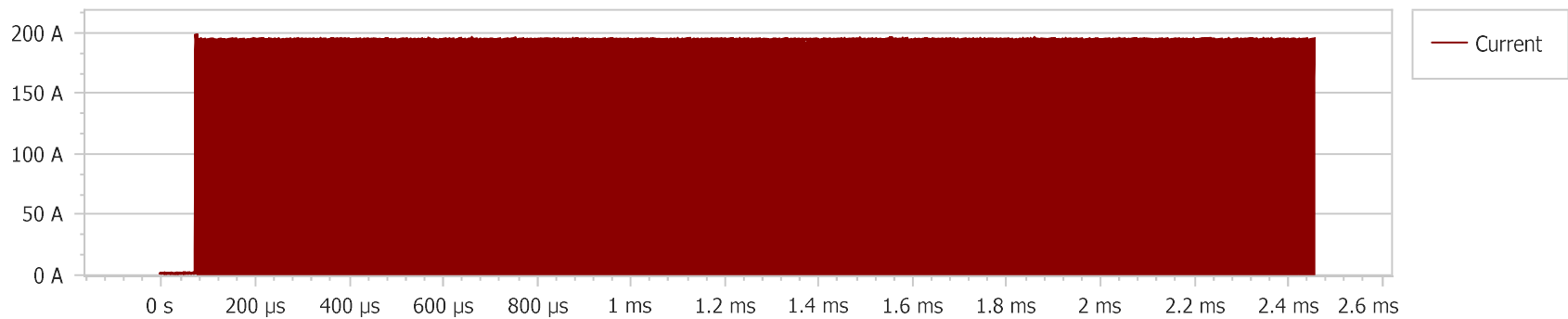
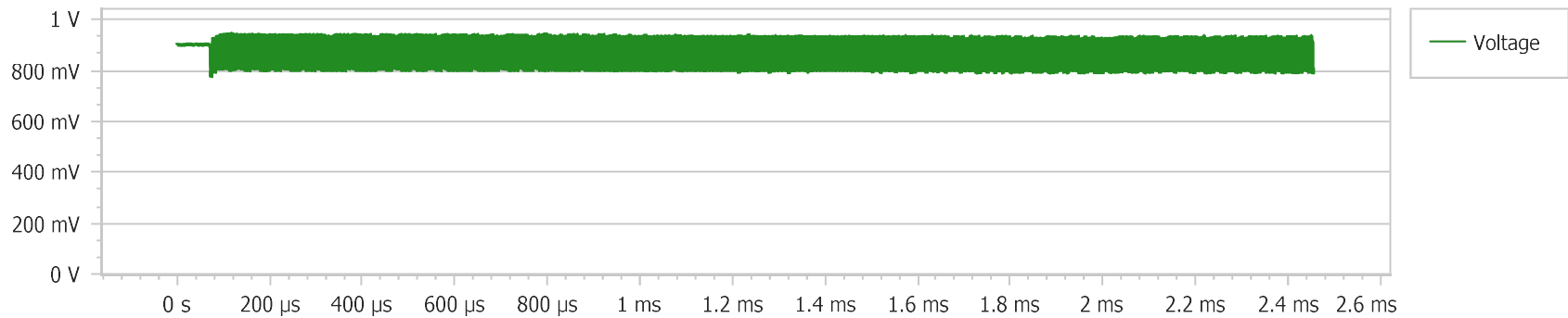
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 140 kHz

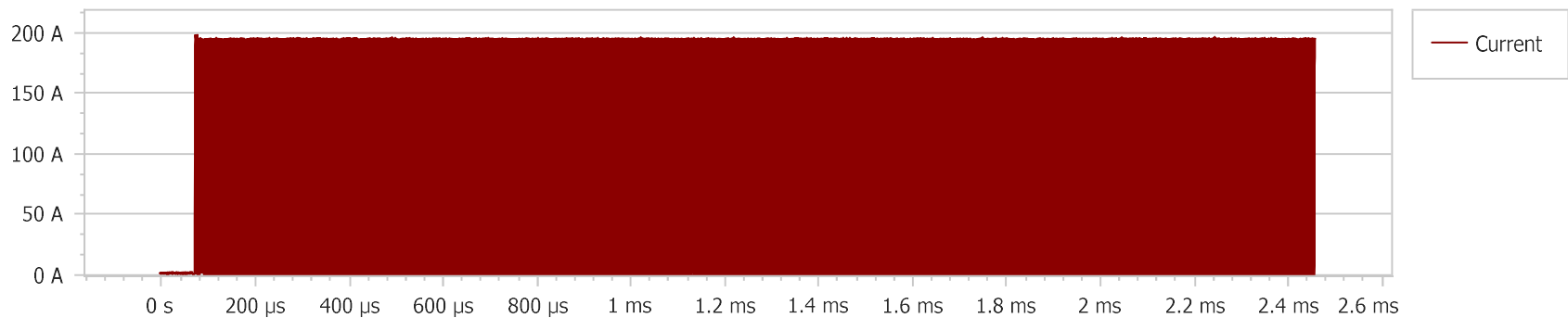
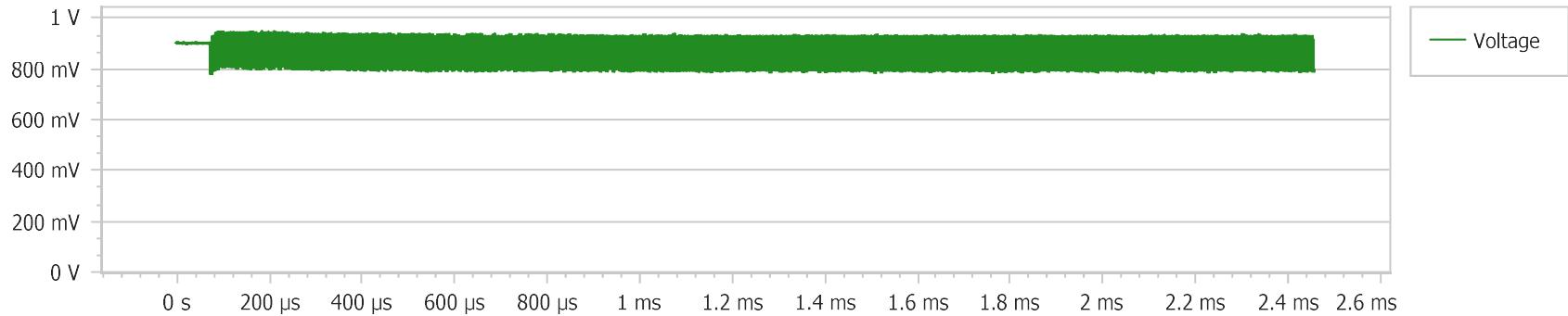
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 160 kHz

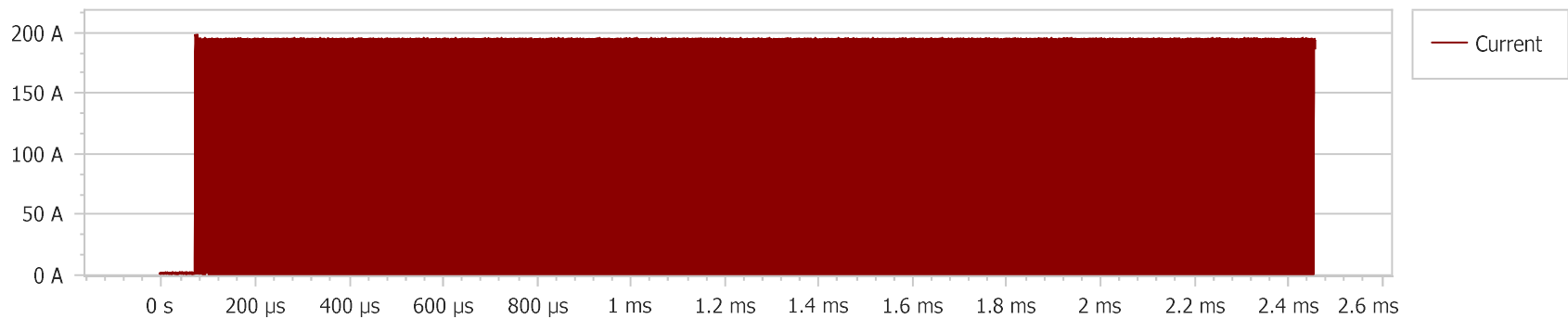
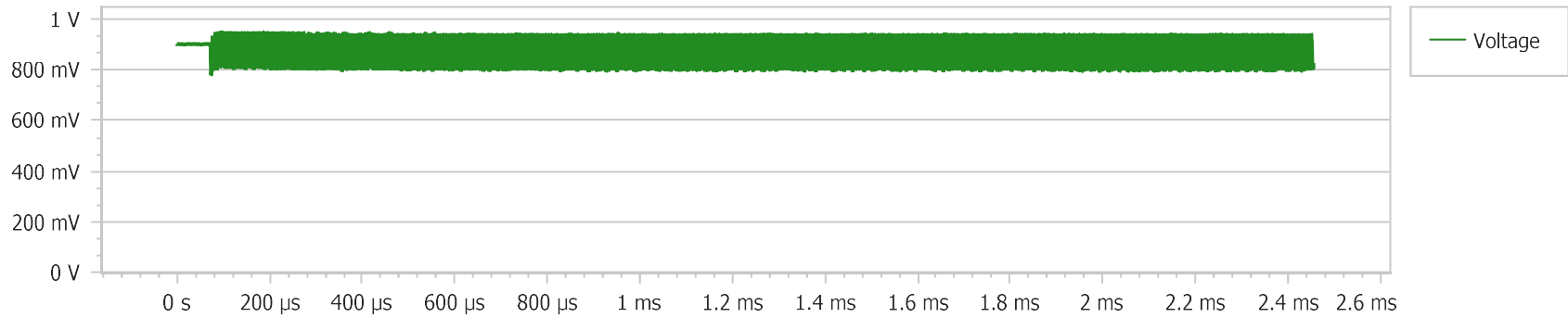
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 180 kHz

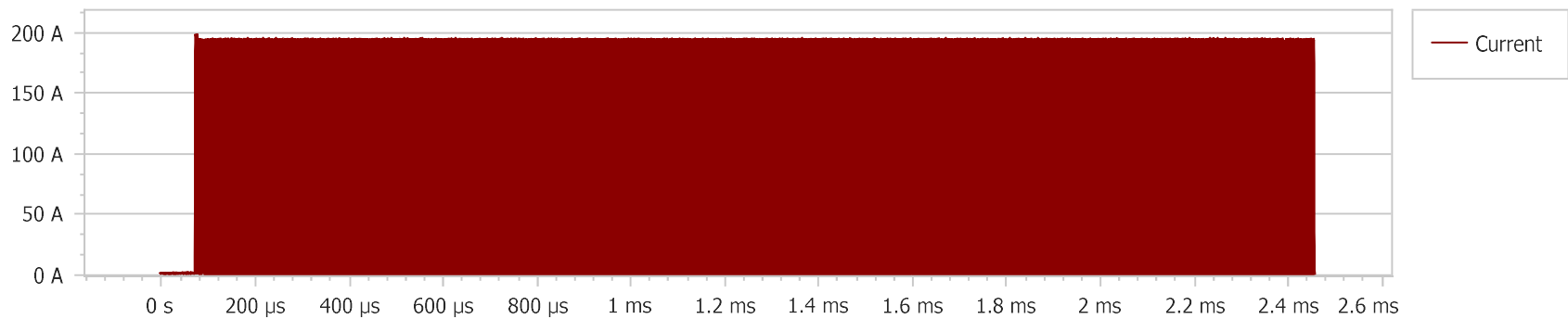
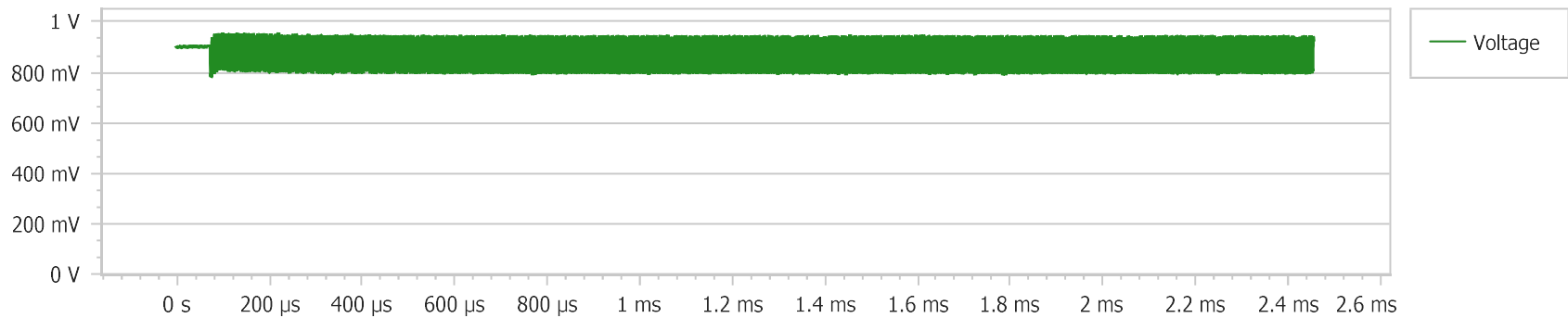
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 200 kHz

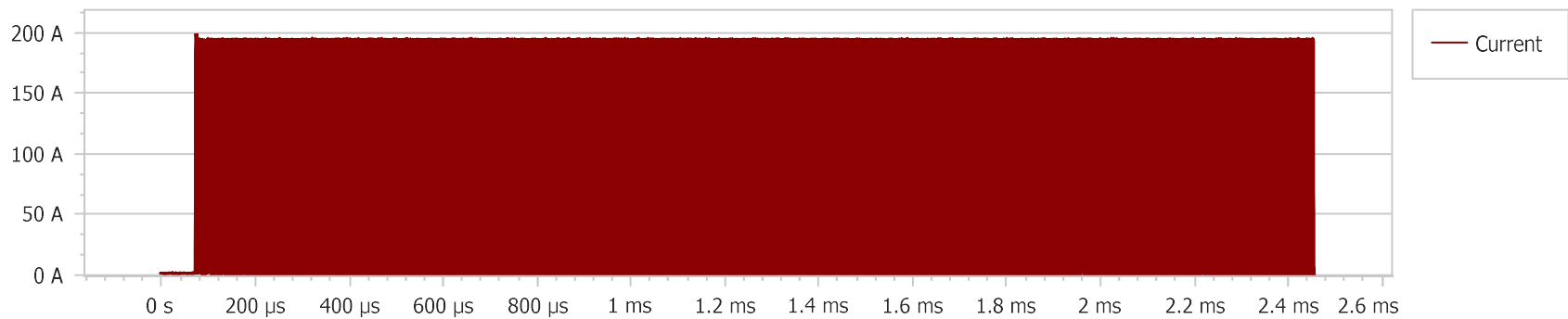
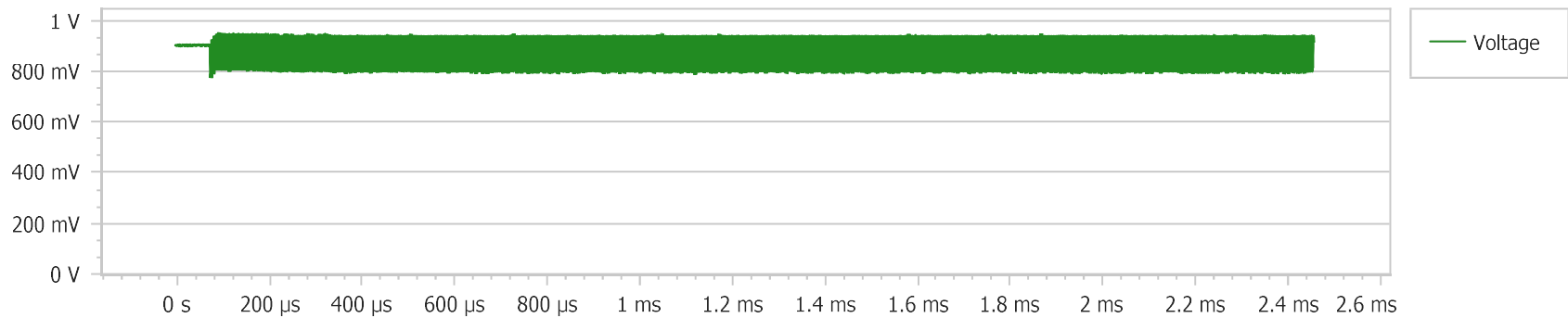
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 220 kHz

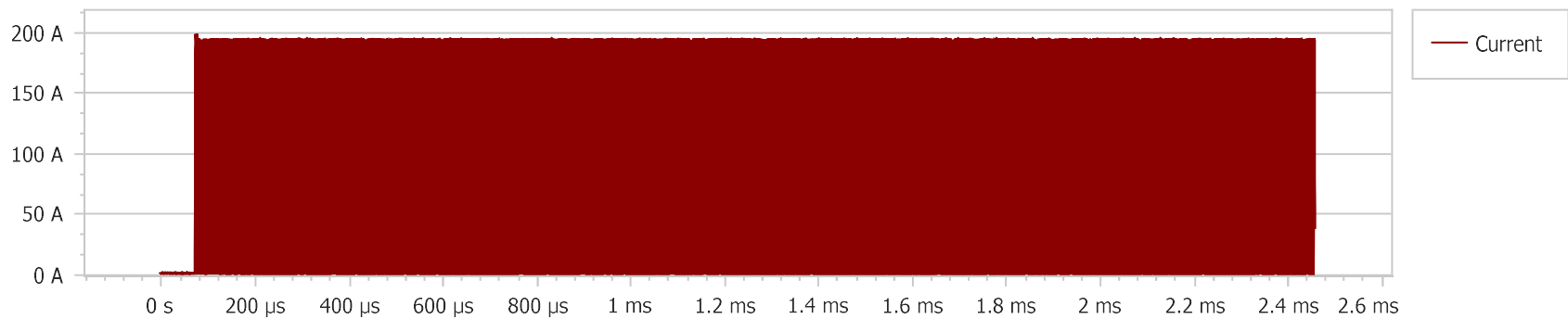
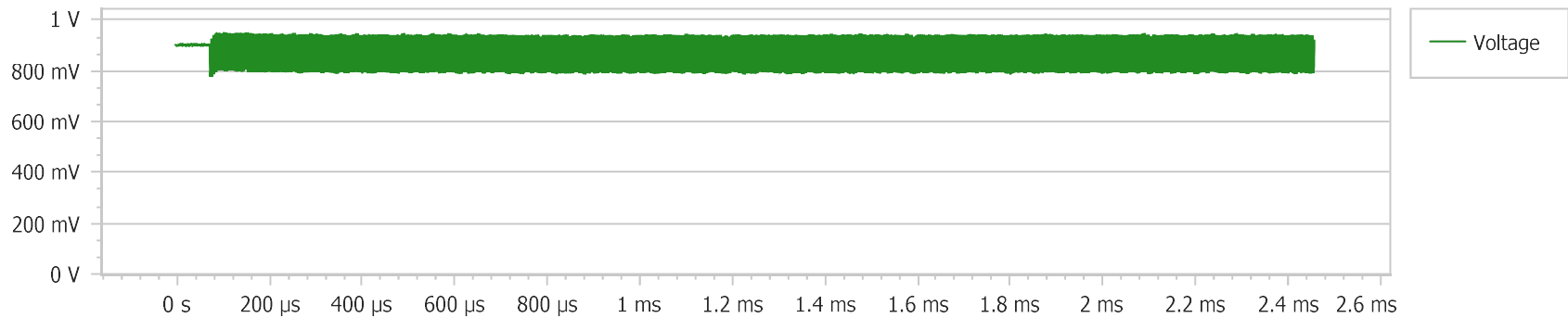
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

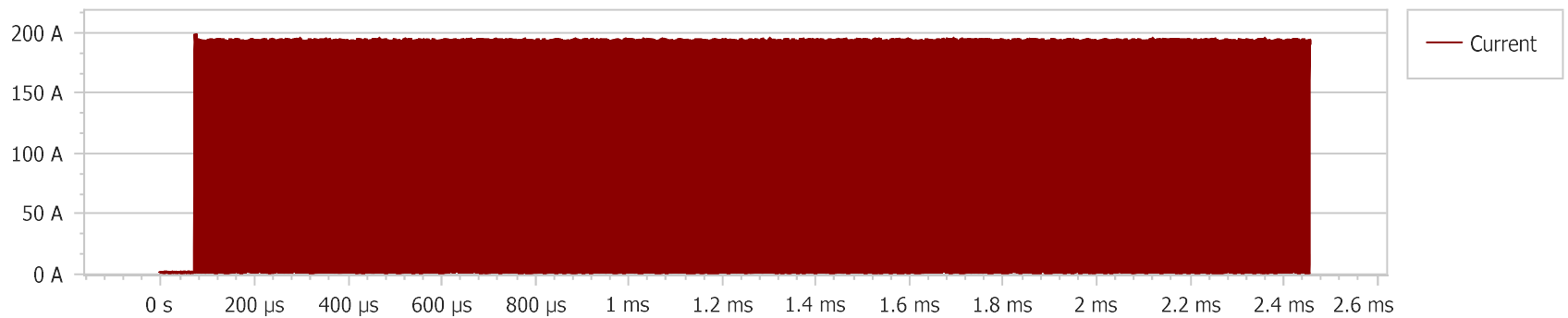
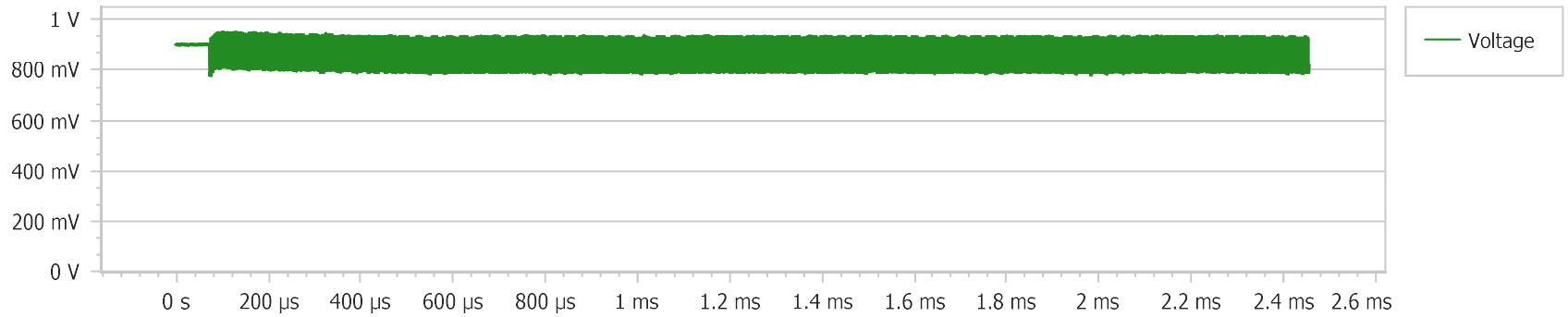
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 260 kHz

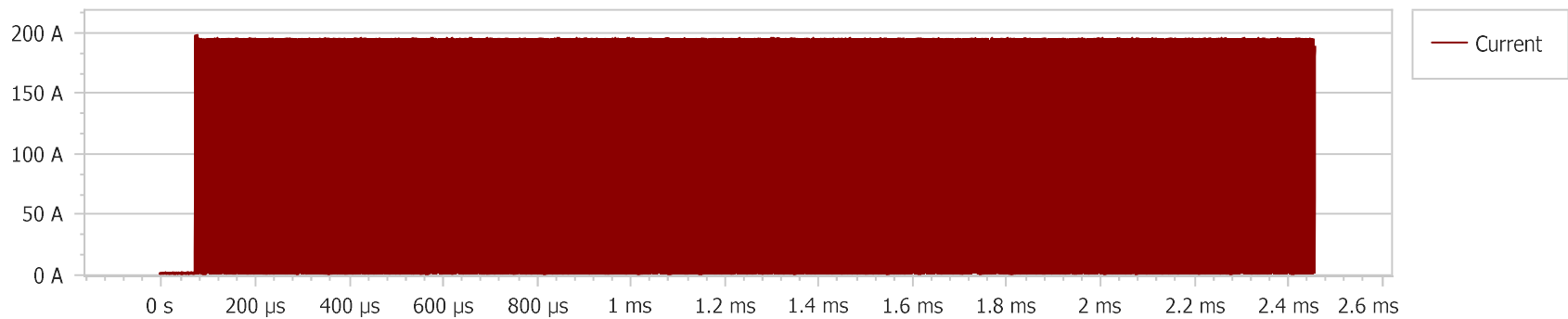
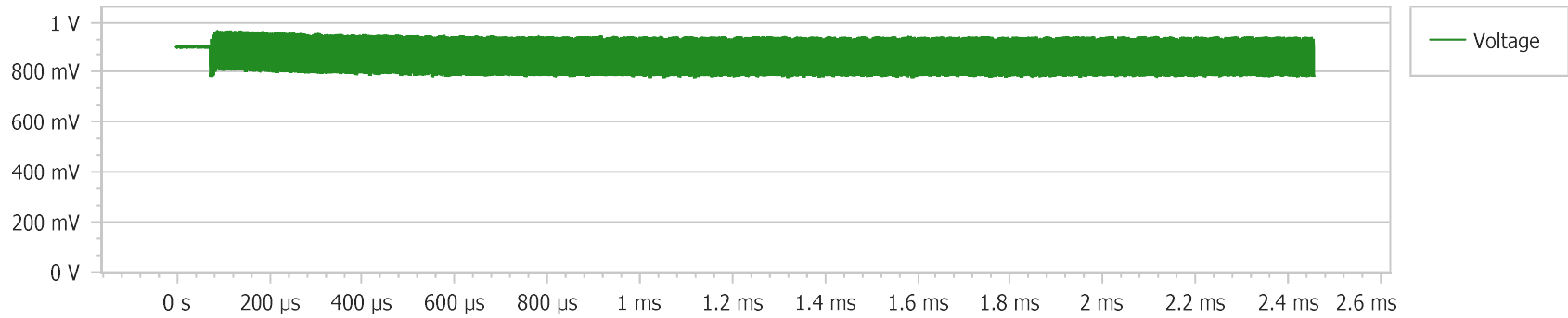
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 280 kHz

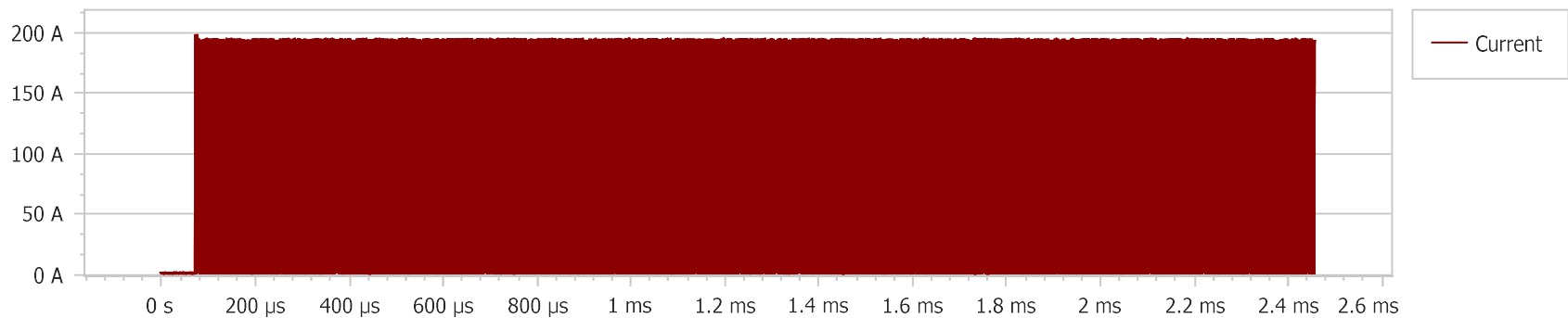
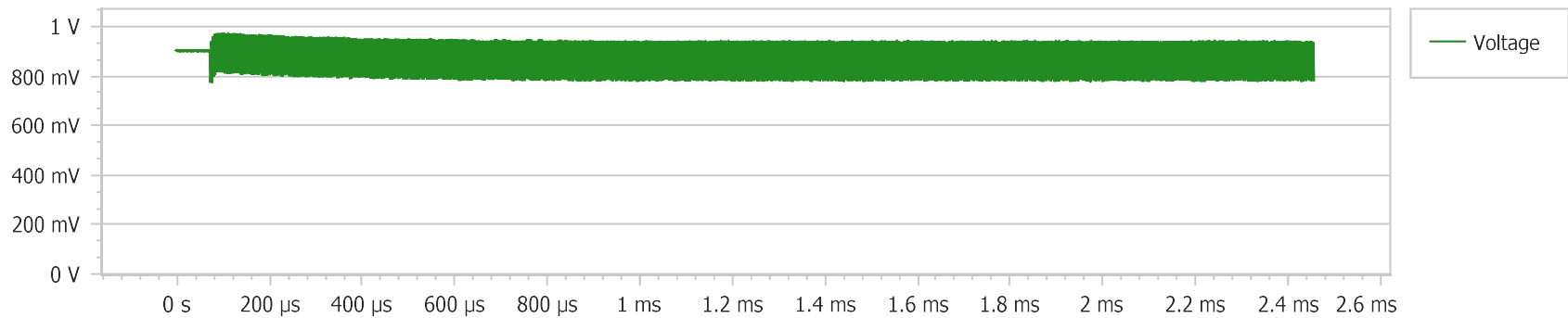
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

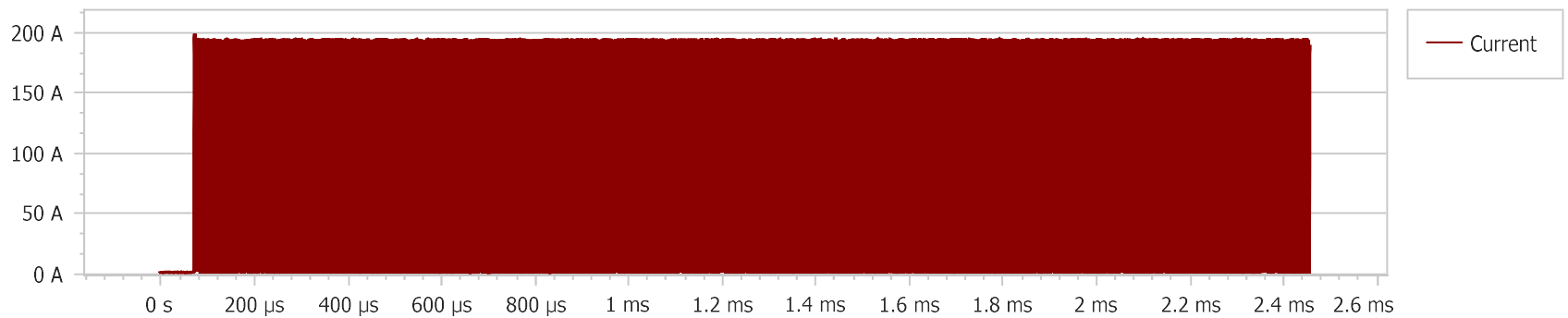
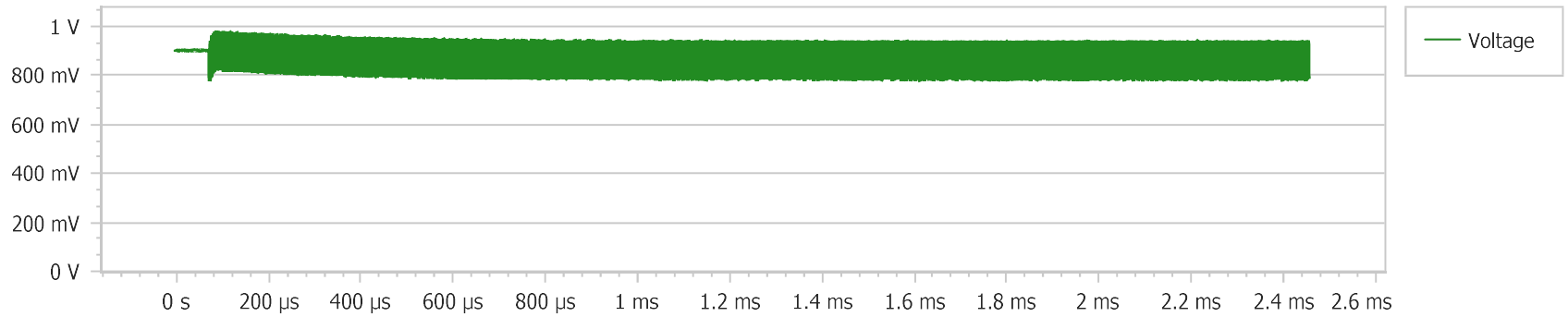
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 320 kHz

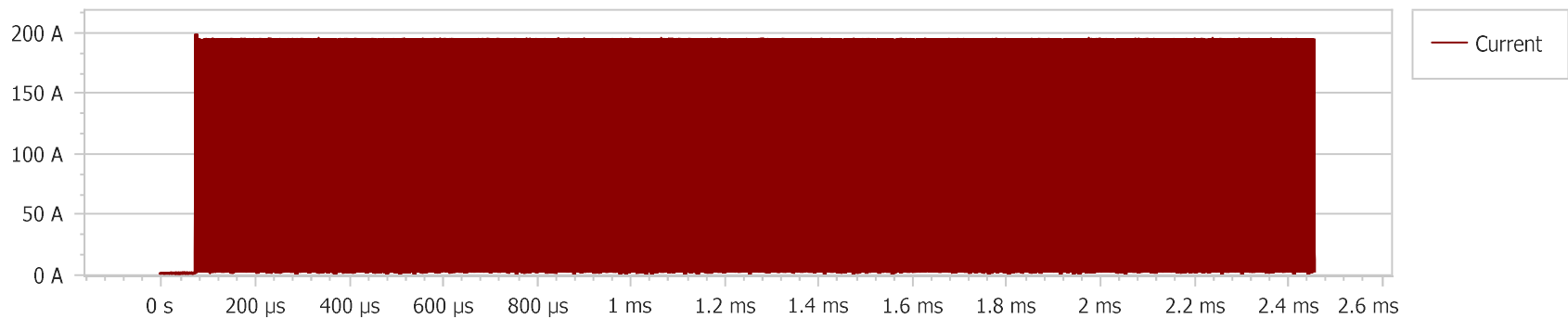
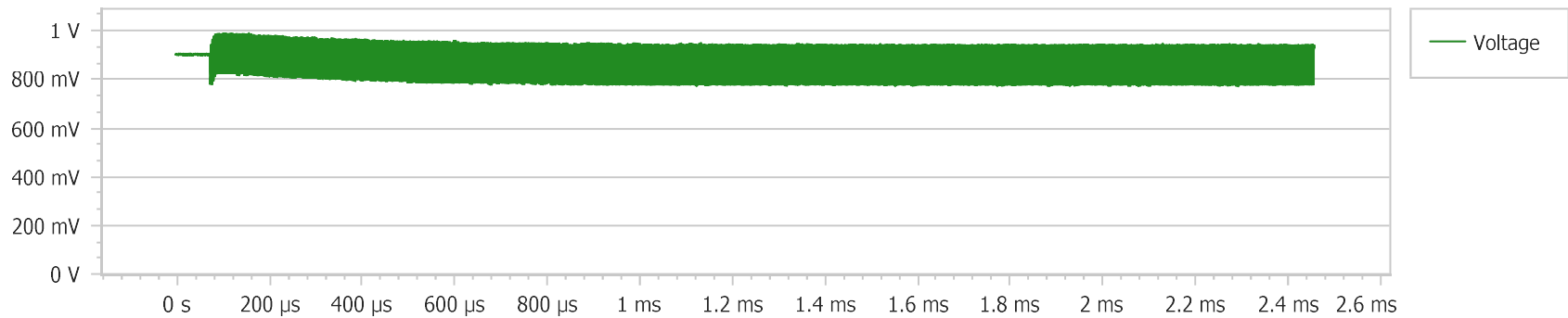
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

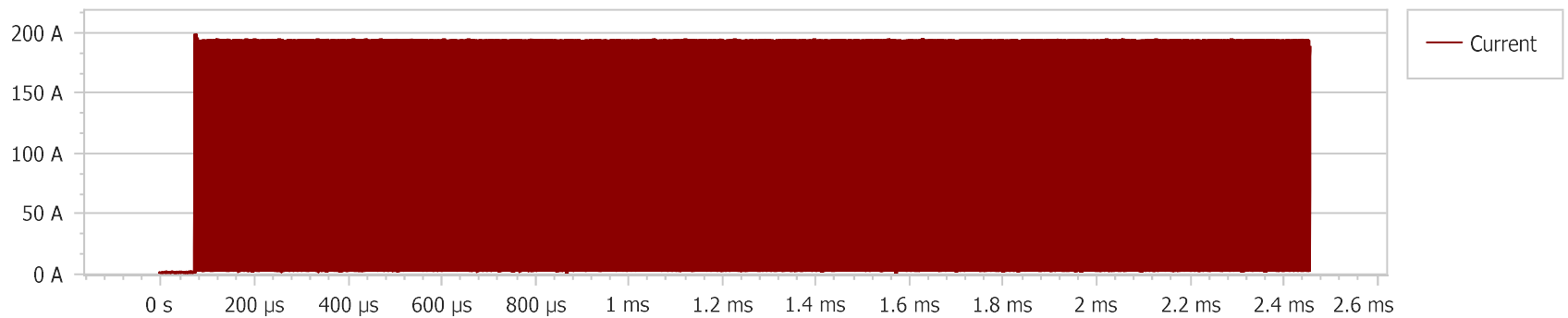
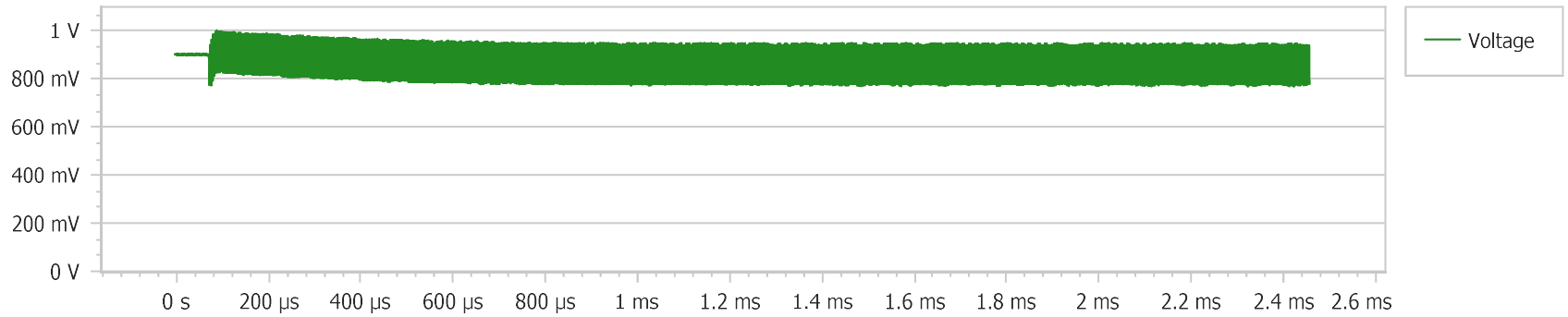
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

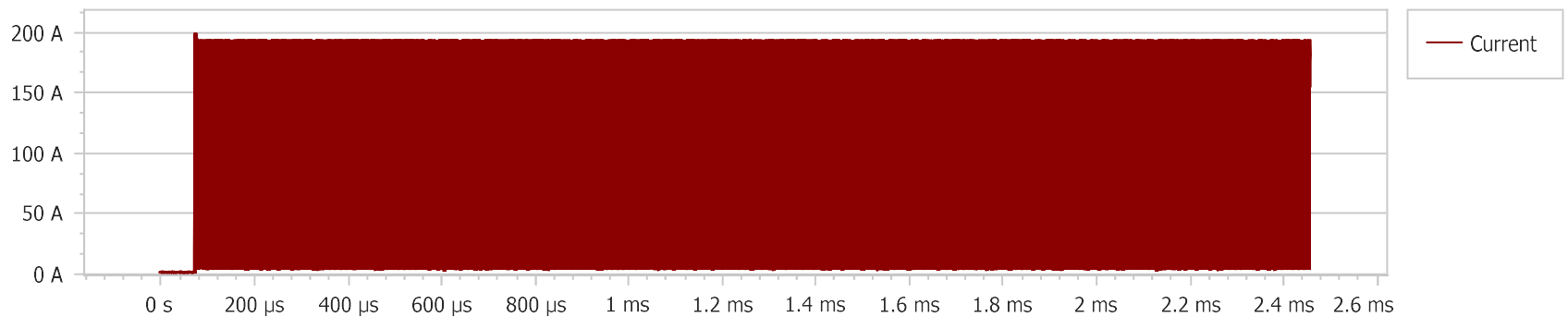
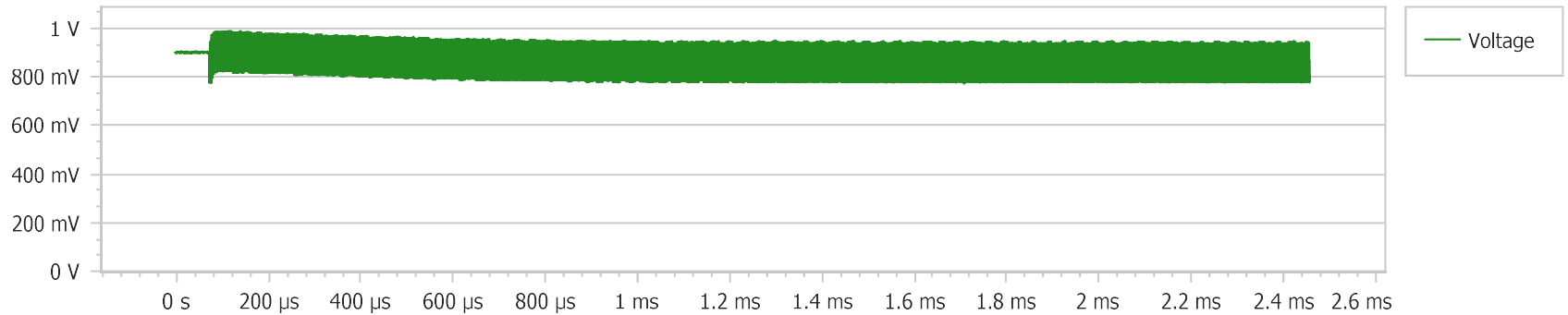
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

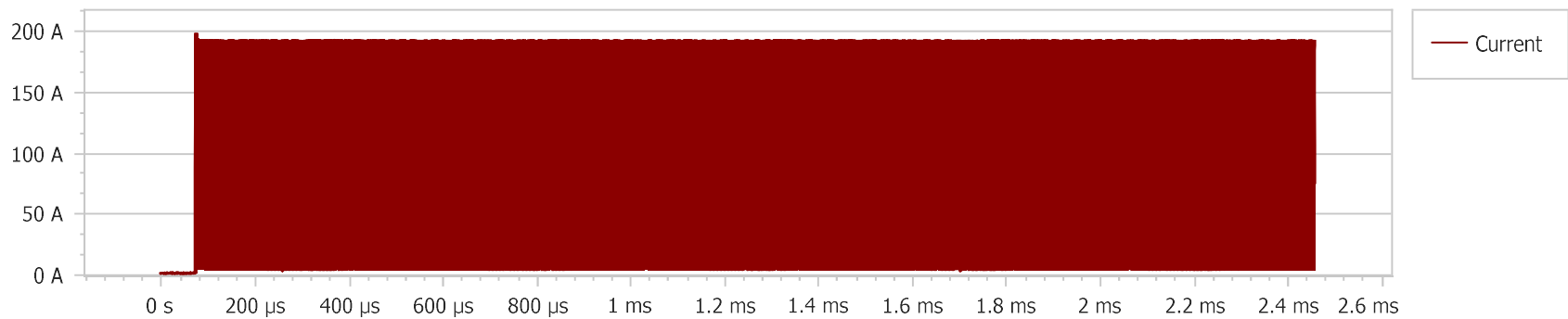
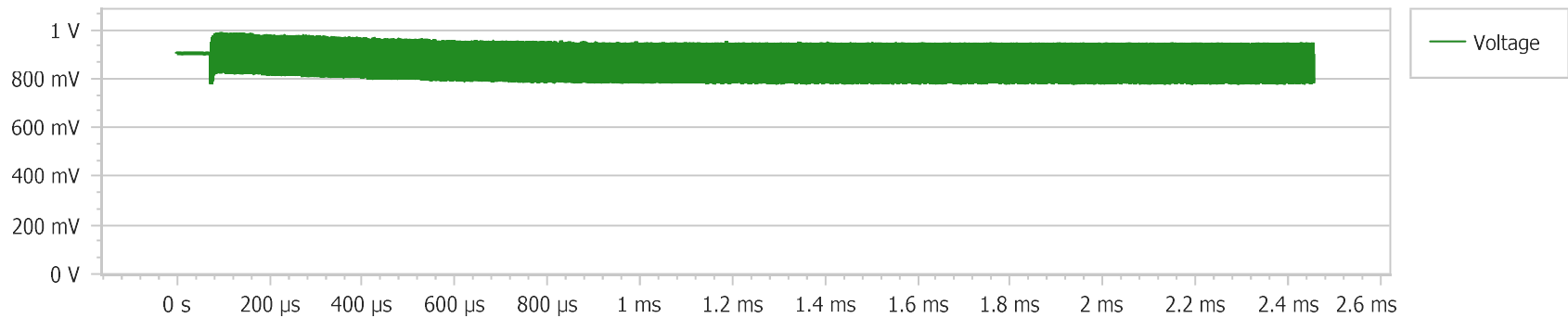
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

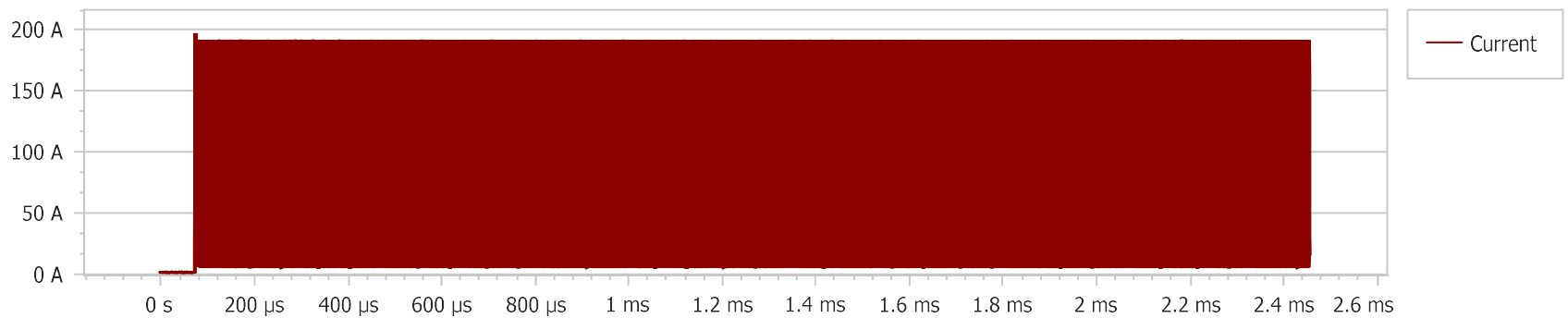
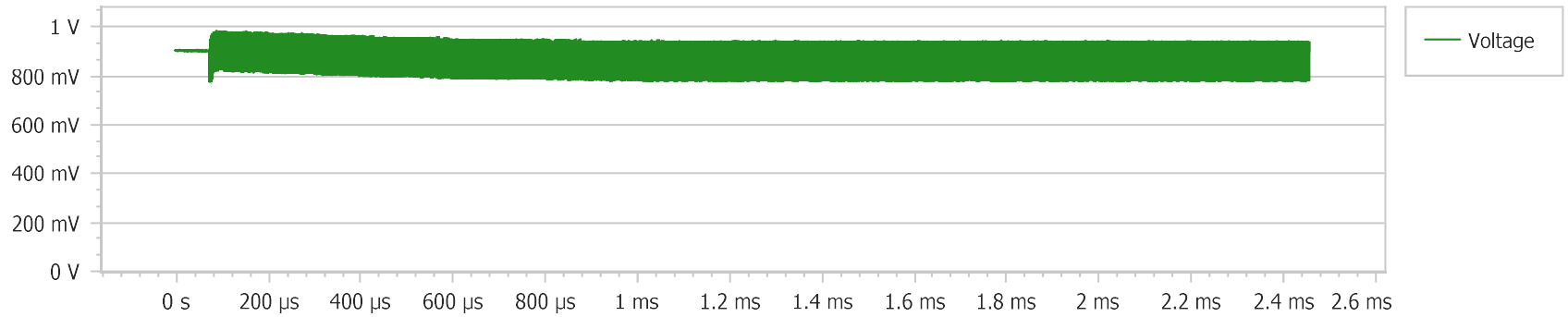
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 420 kHz

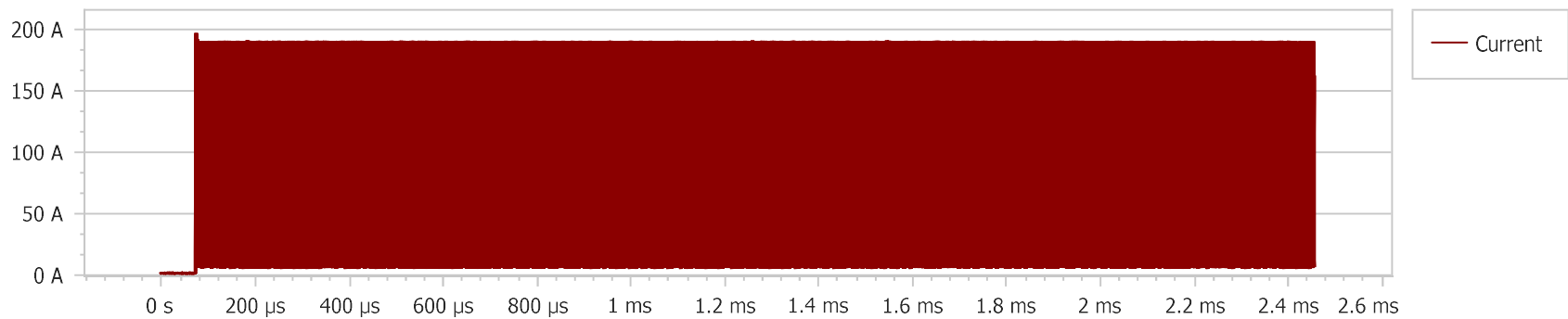
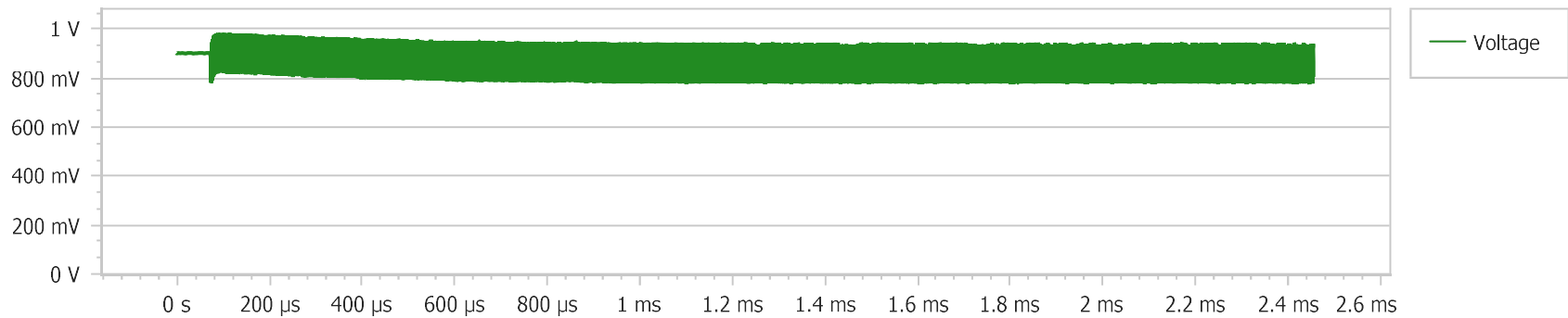
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 440 kHz

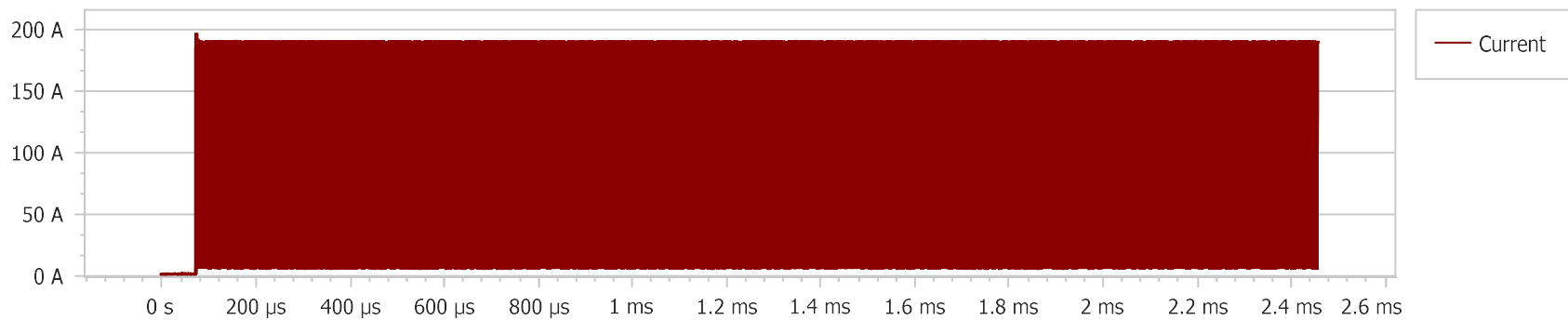
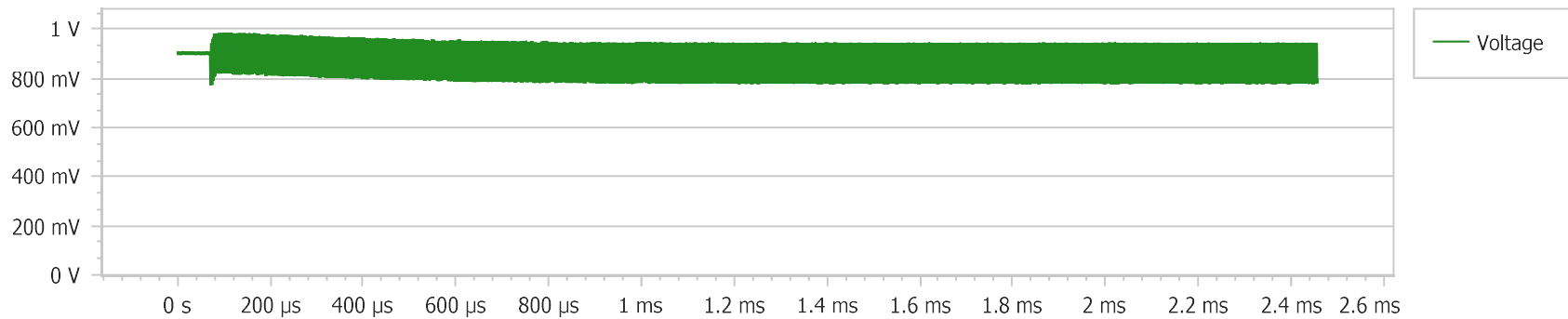
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 460 kHz

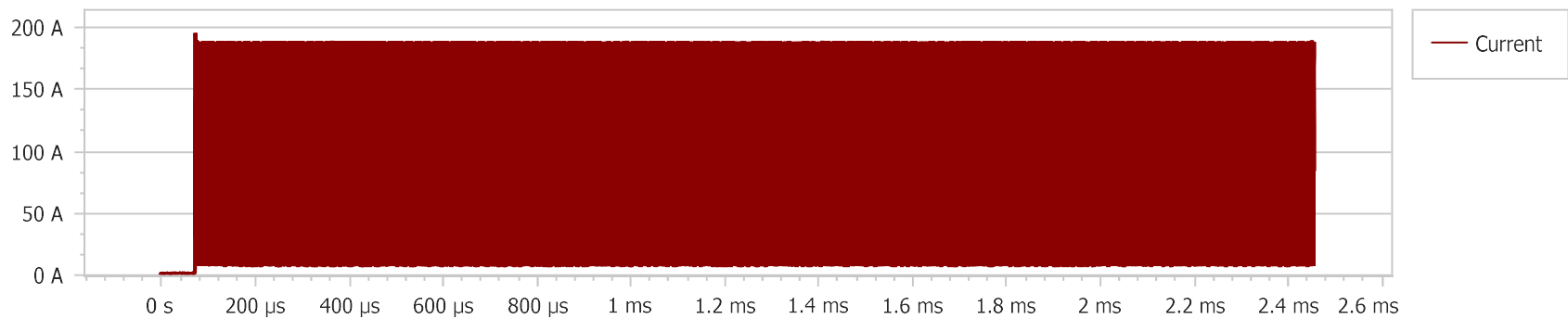
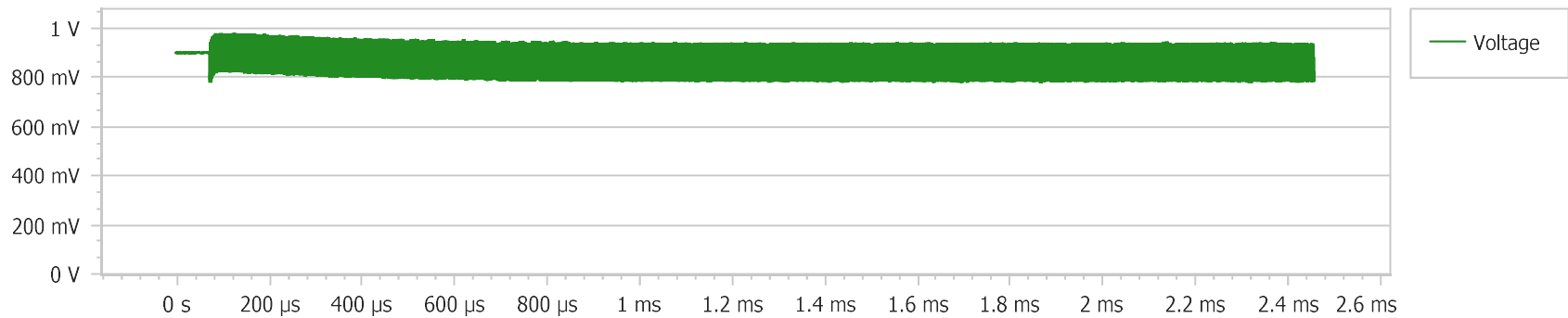
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 480 kHz

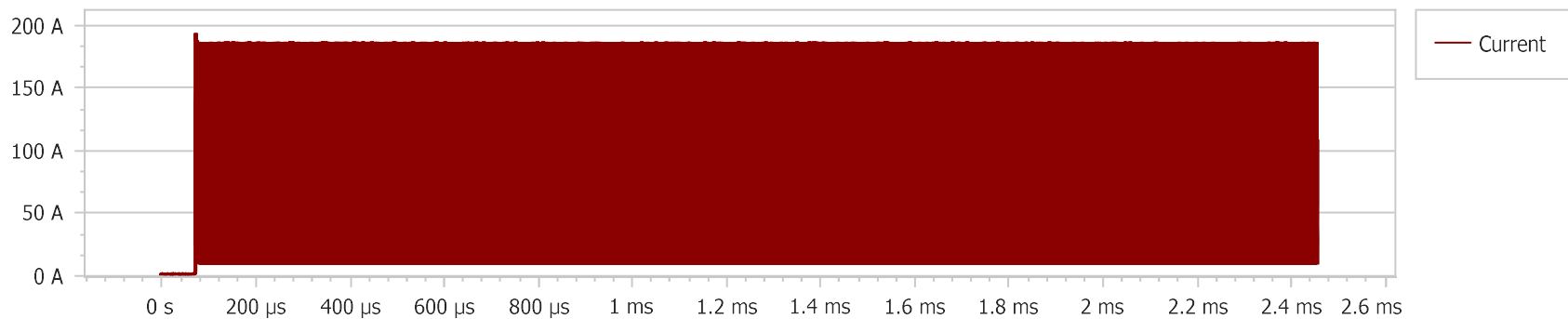
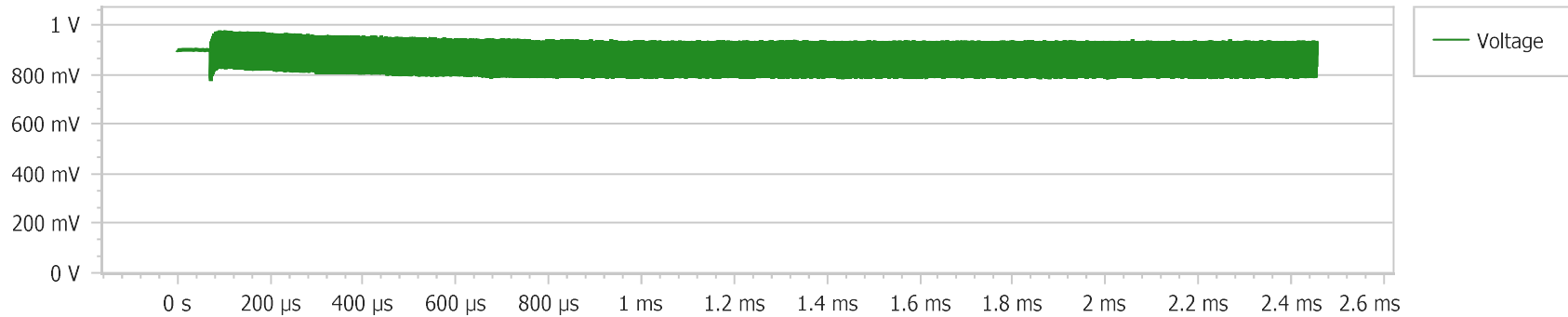
Duty Cycle: 50 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 1 kHz

Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 2 kHz

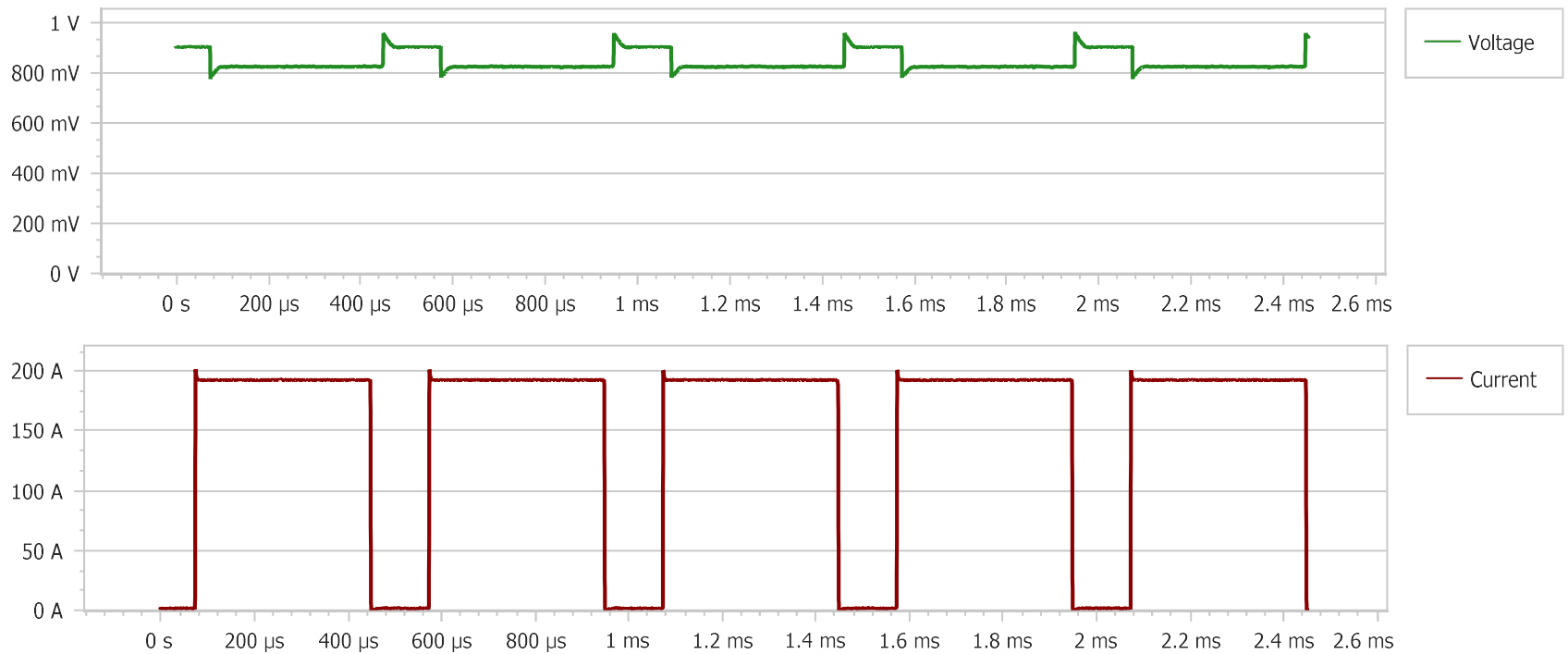
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

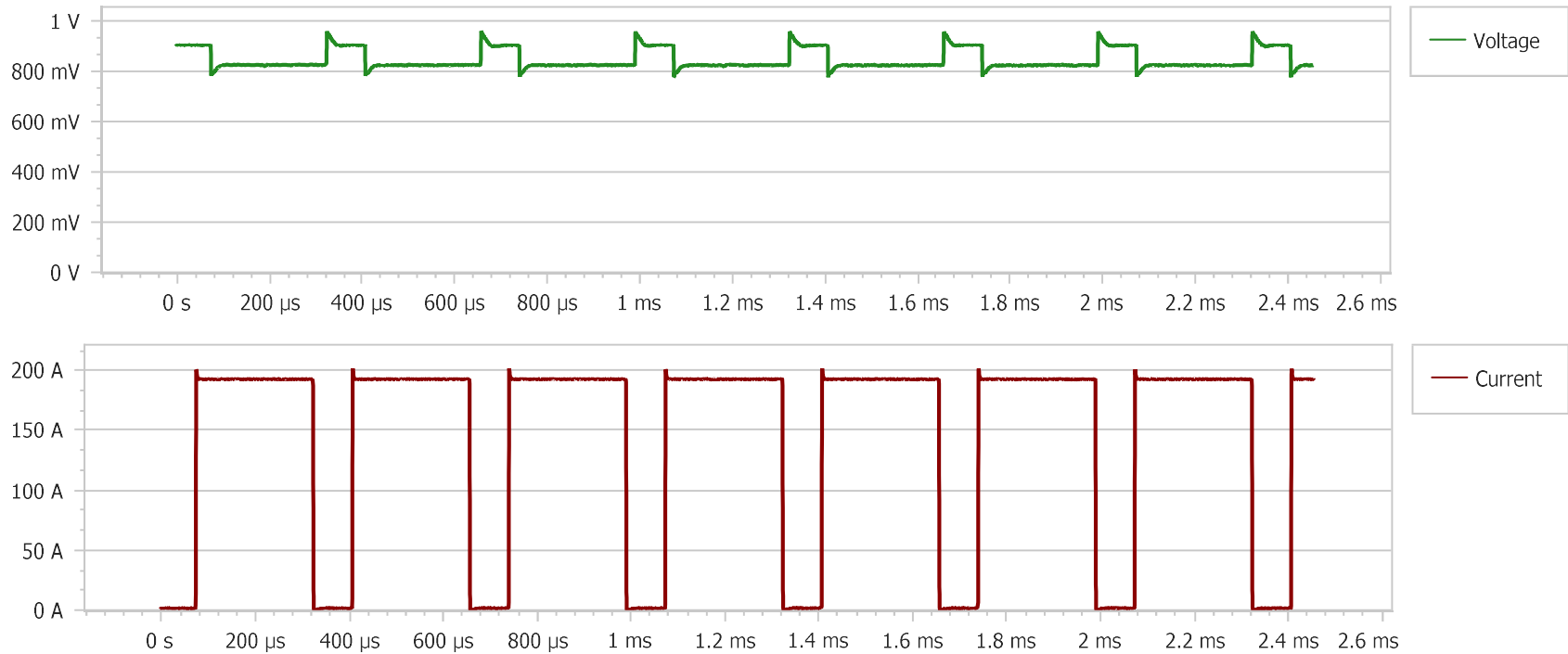
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 4 kHz

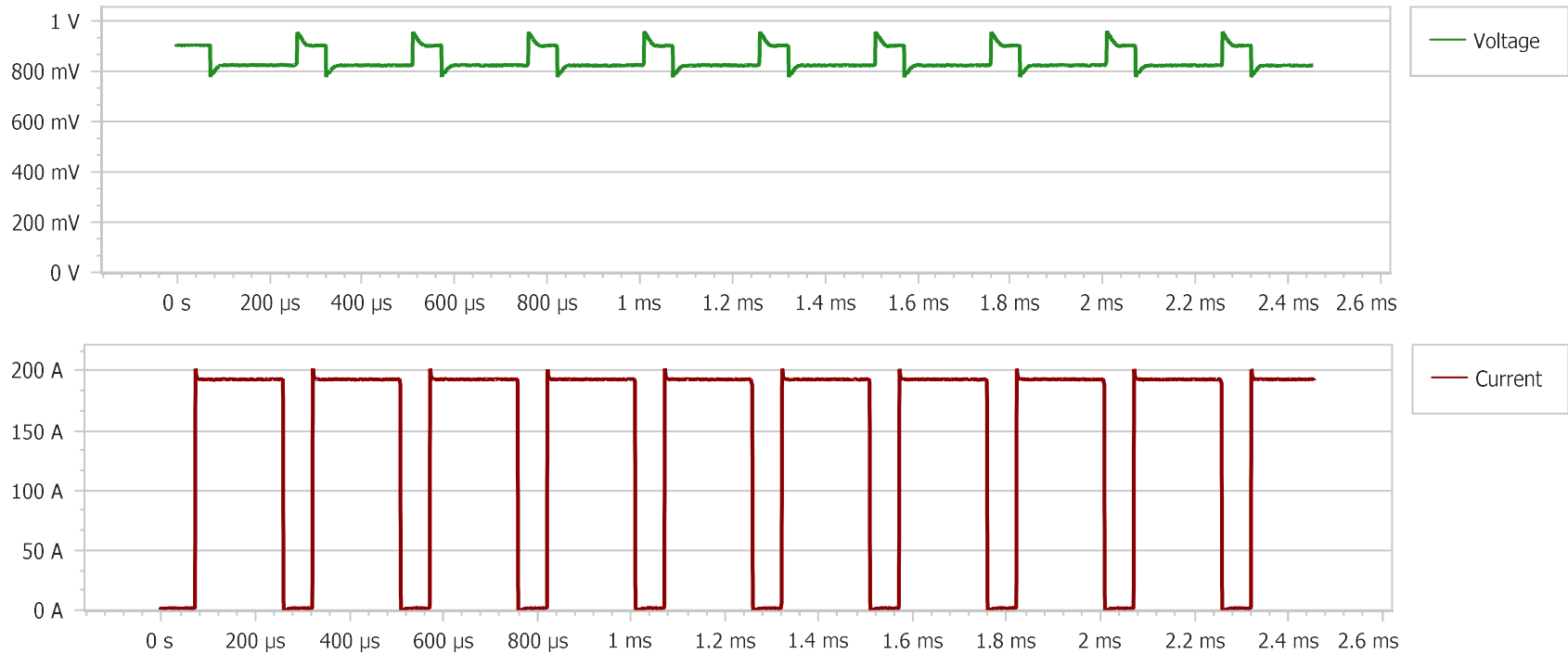
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

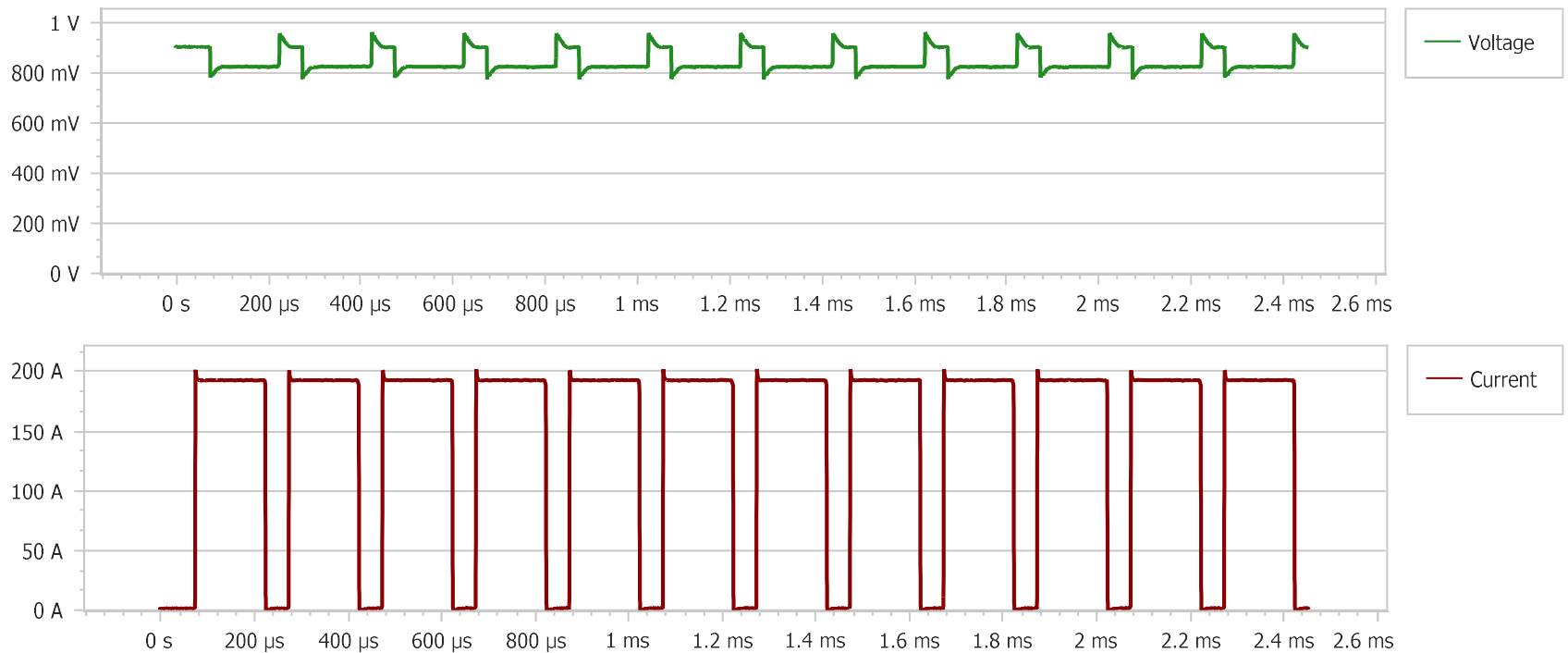
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

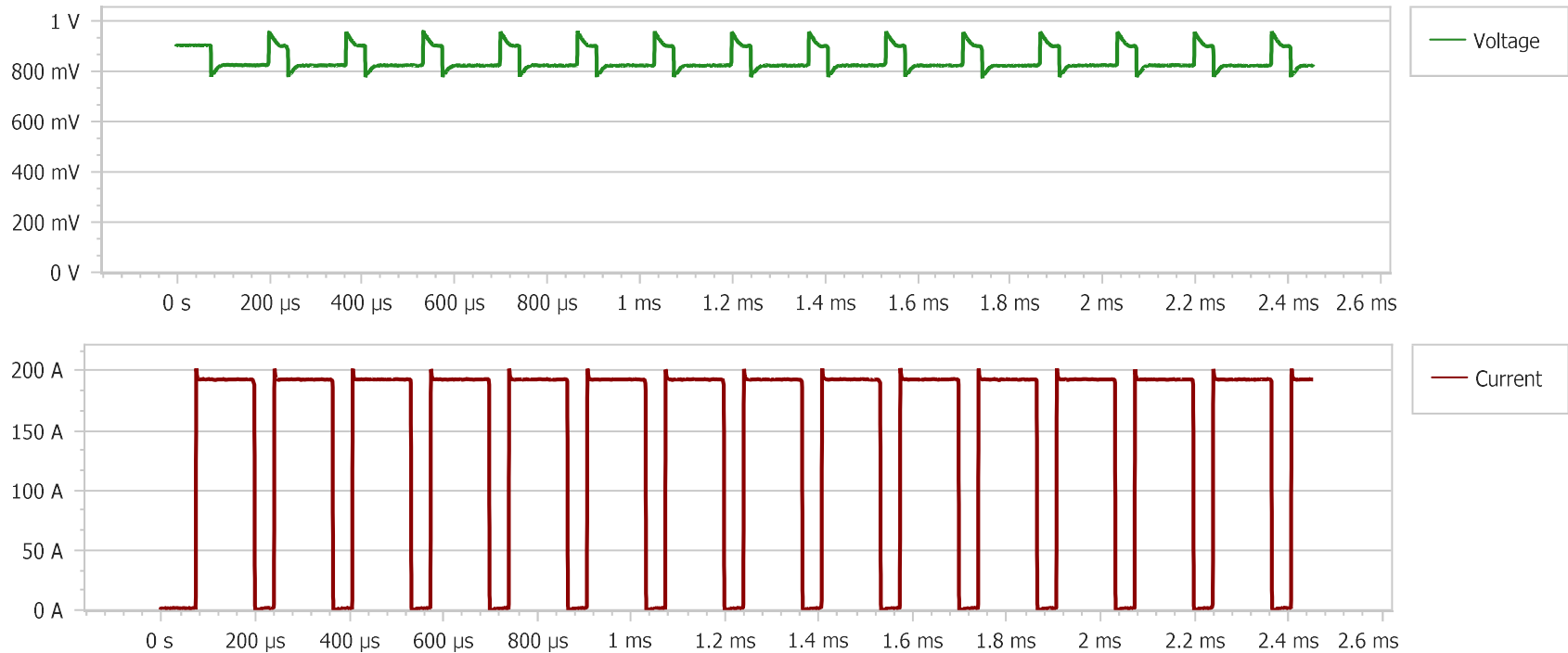
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 7 kHz

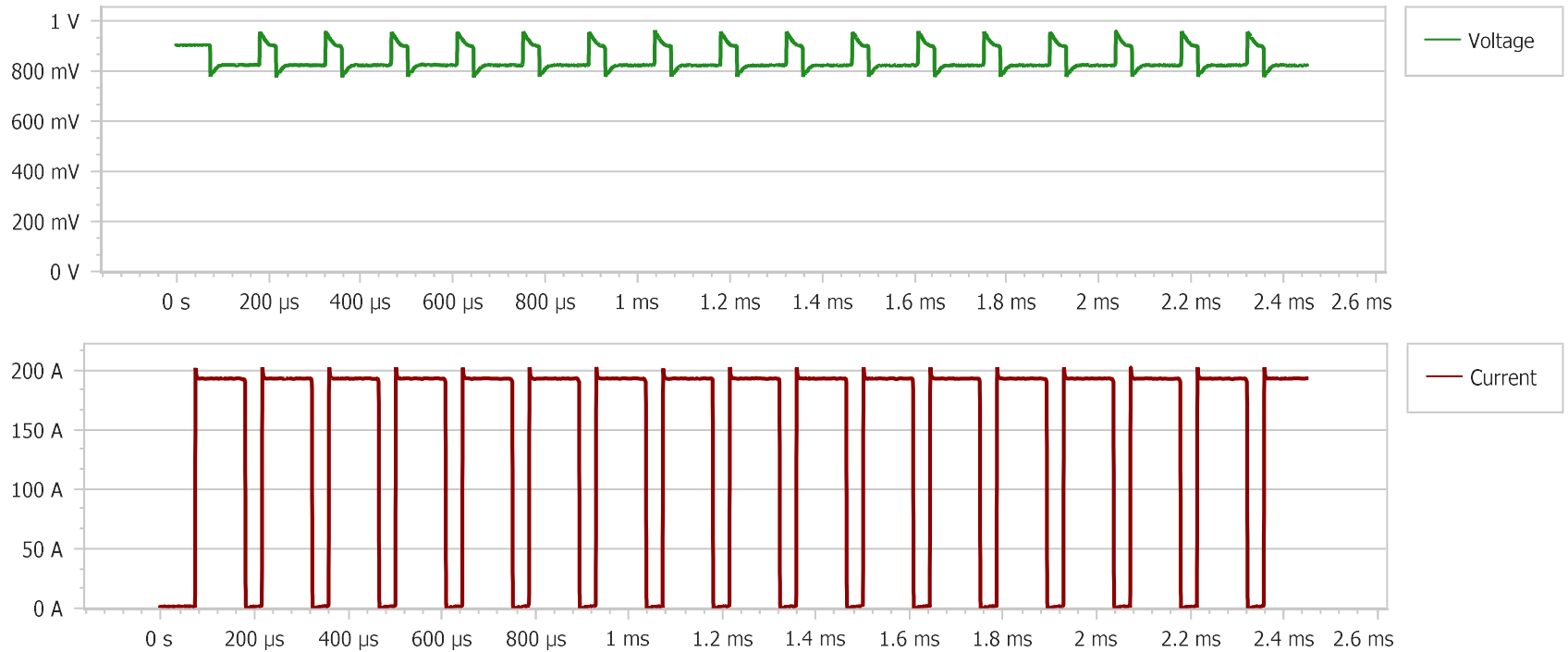
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 8 kHz

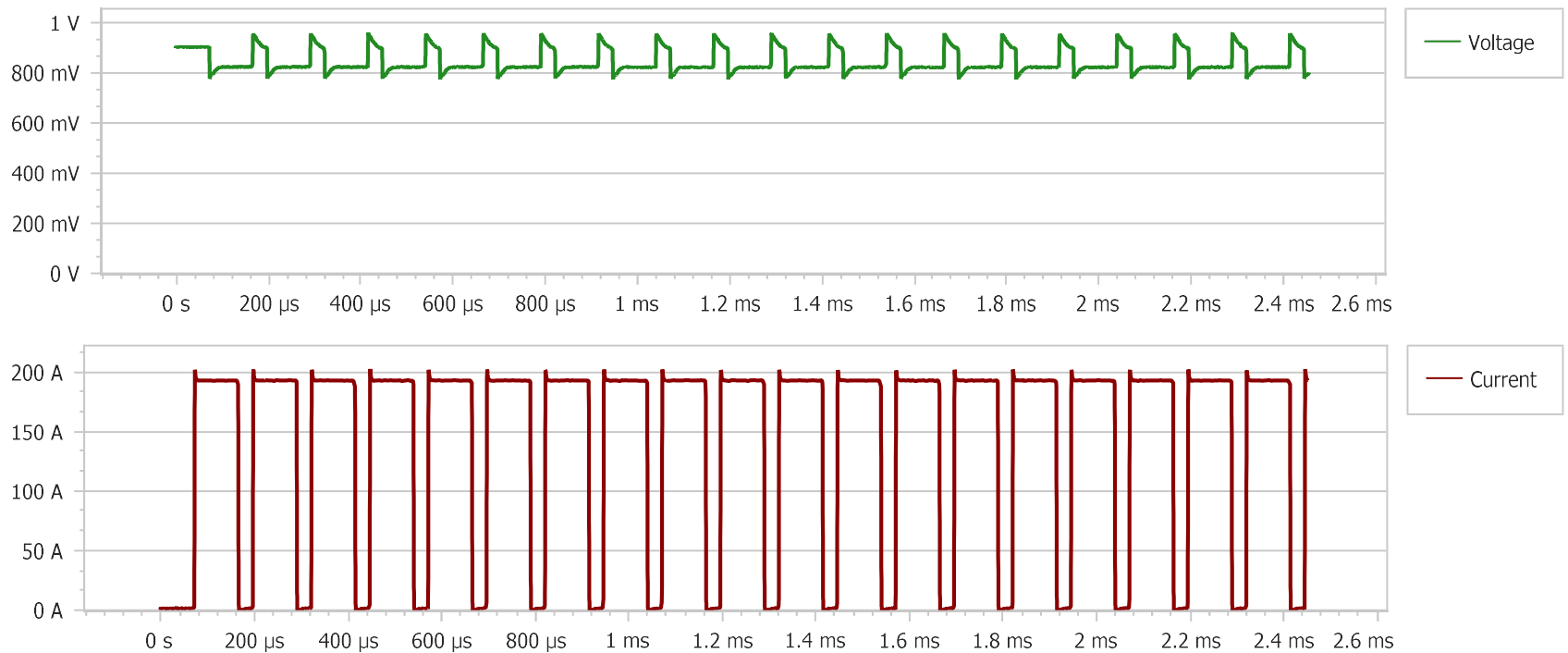
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 9 kHz

Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

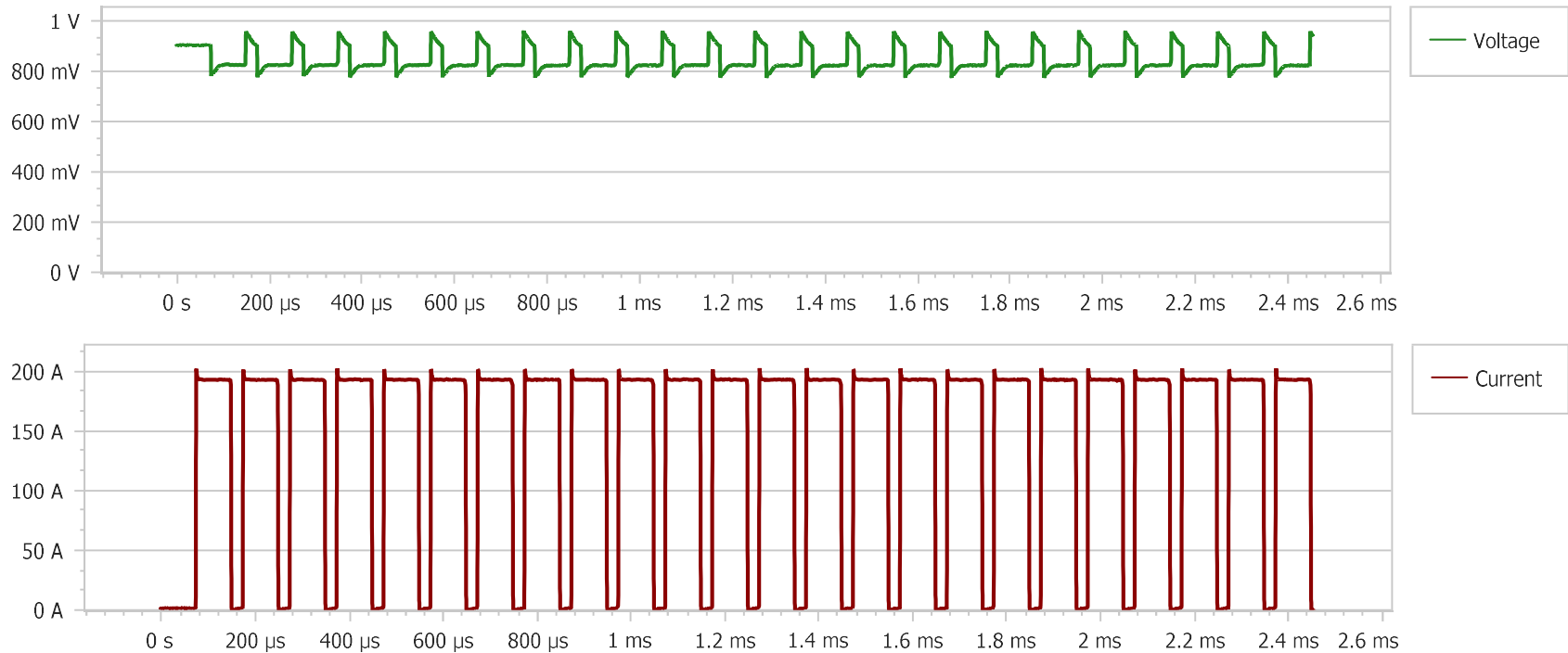
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 20 kHz

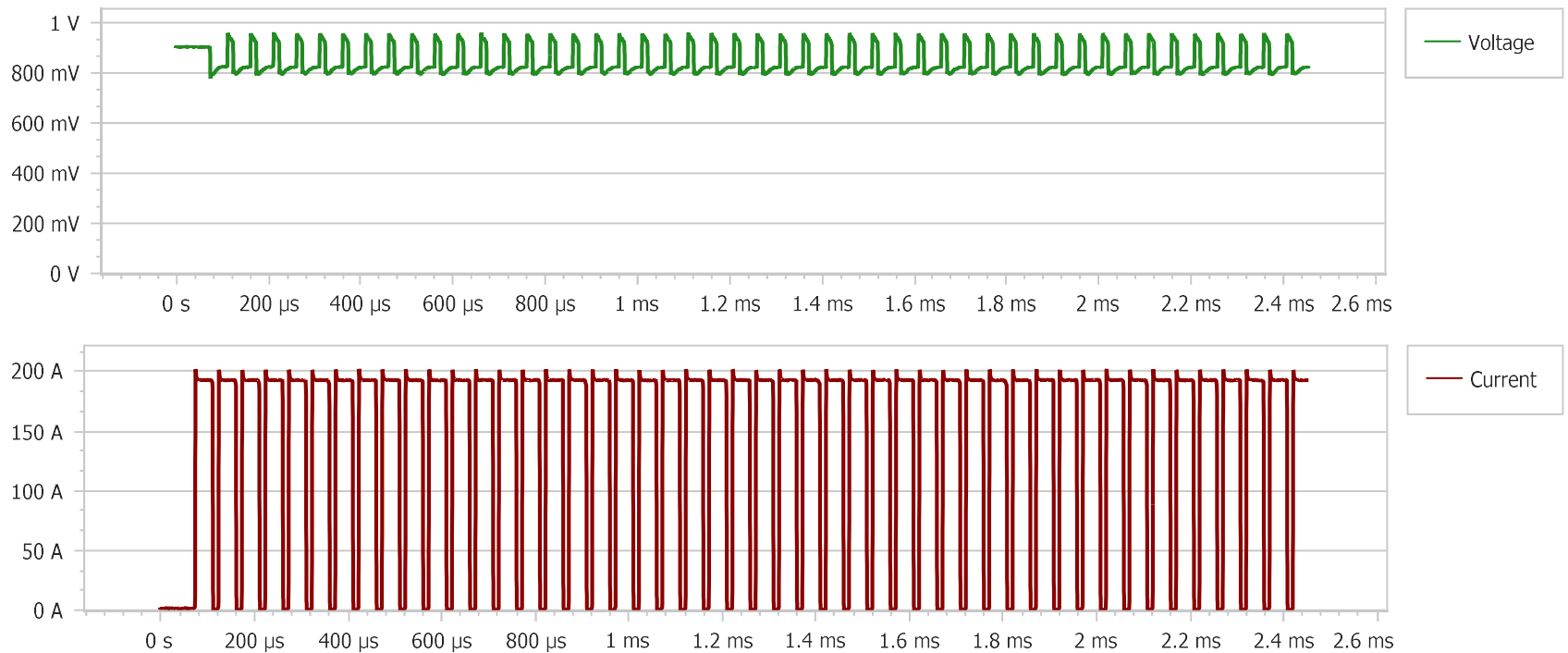
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

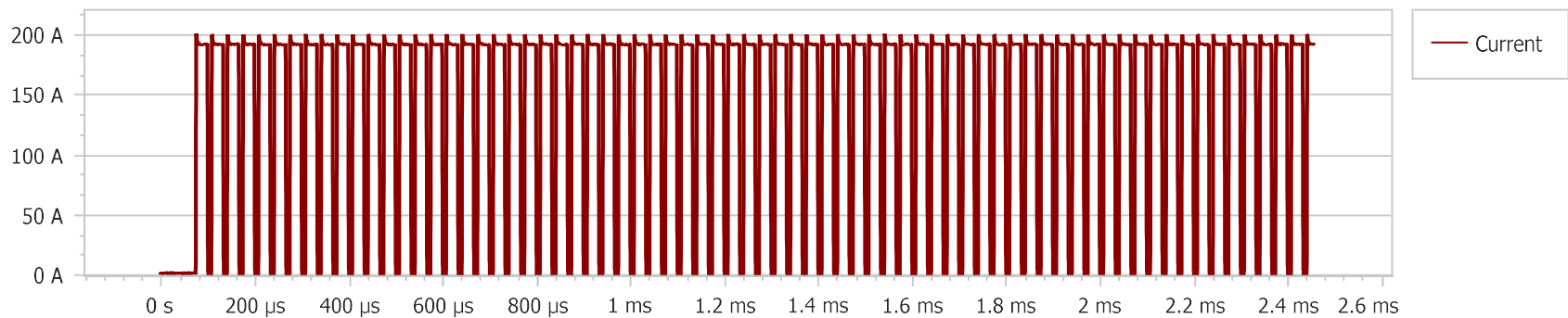
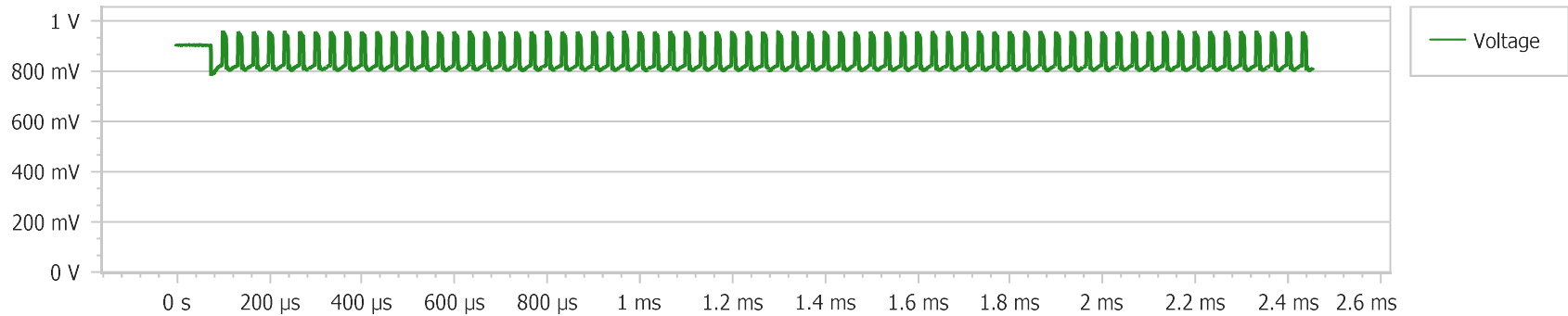
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

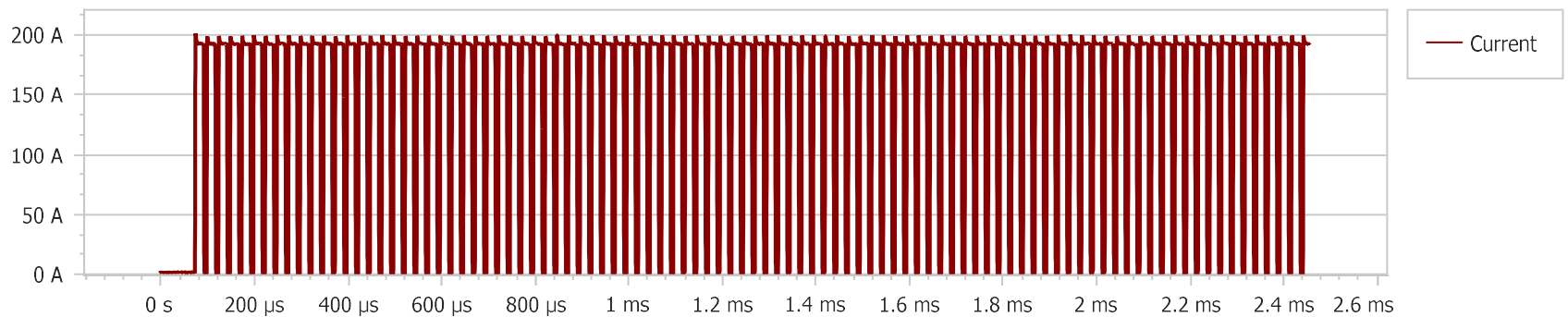
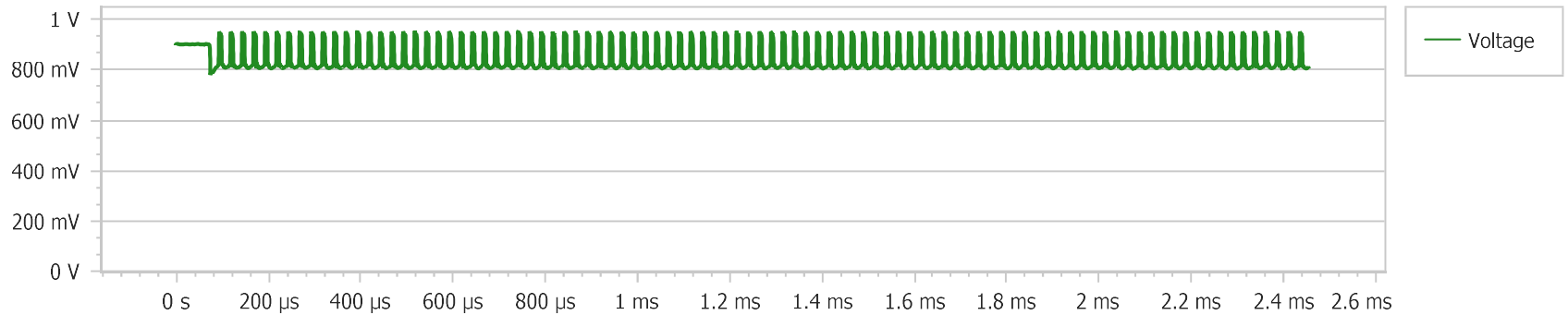
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

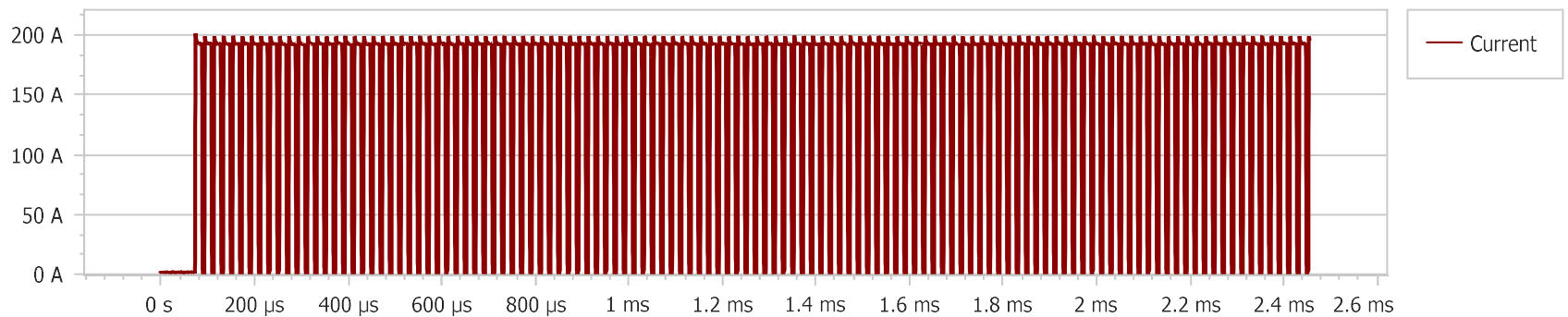
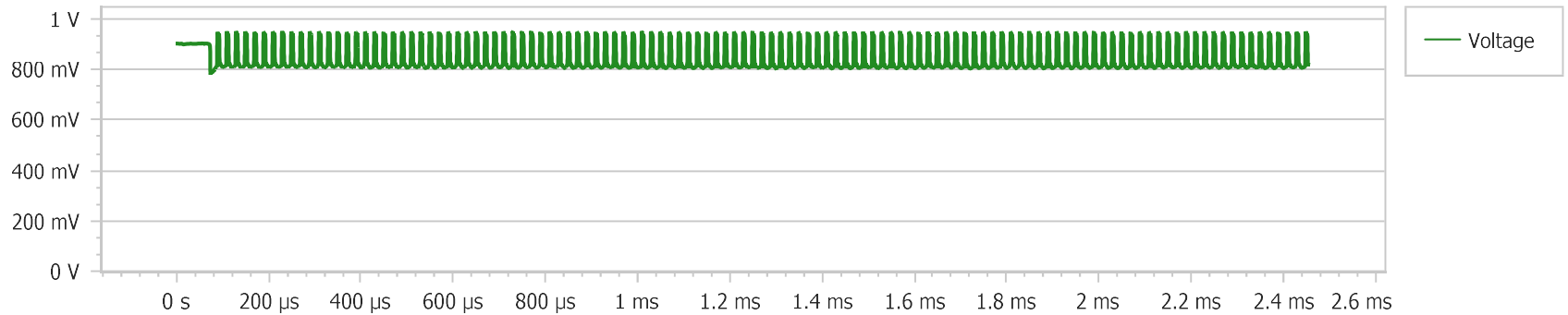
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

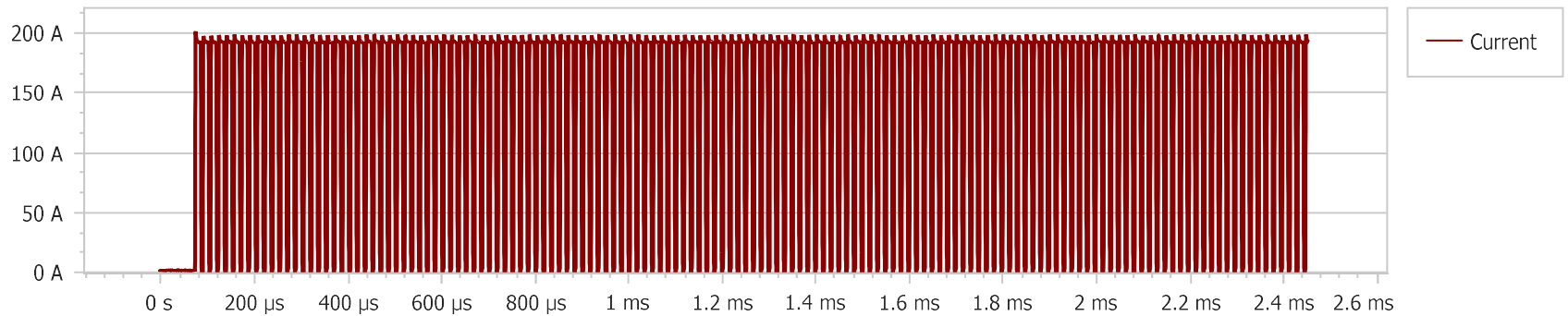
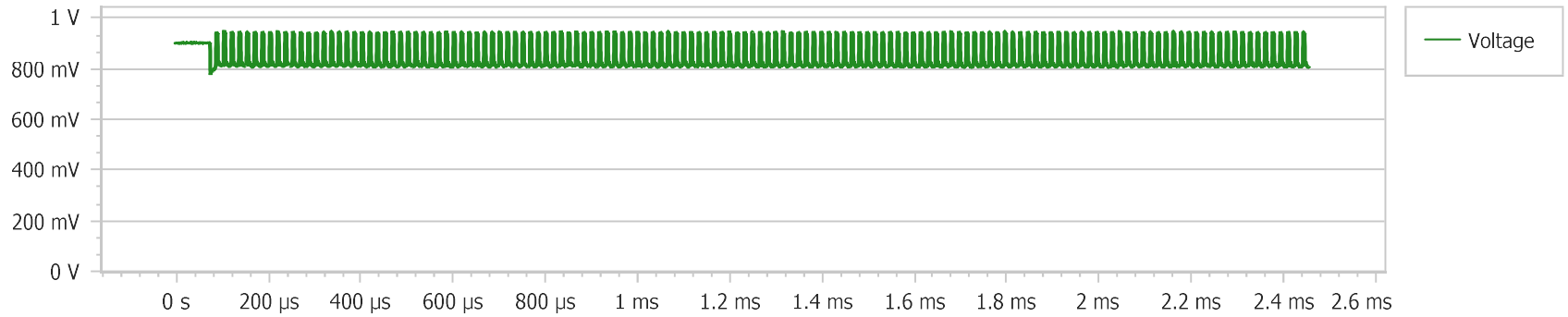
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

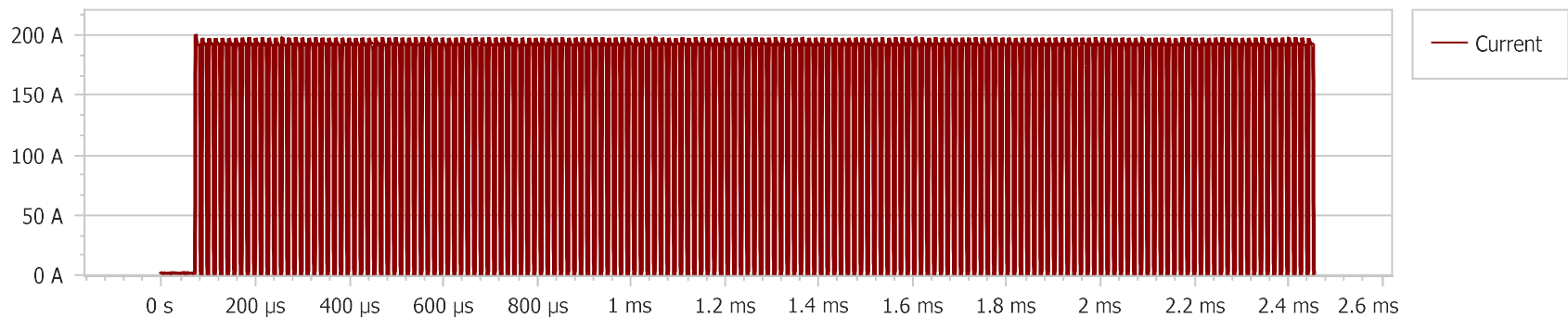
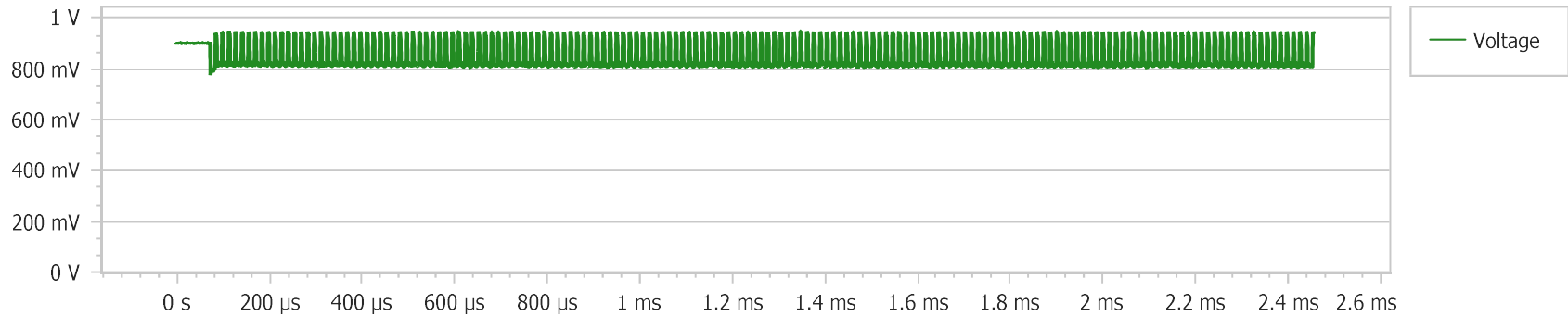
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

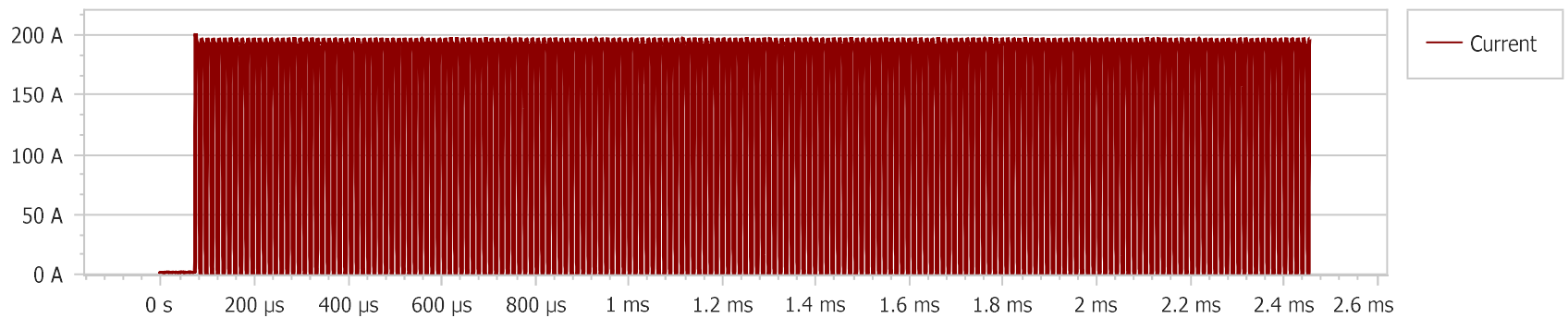
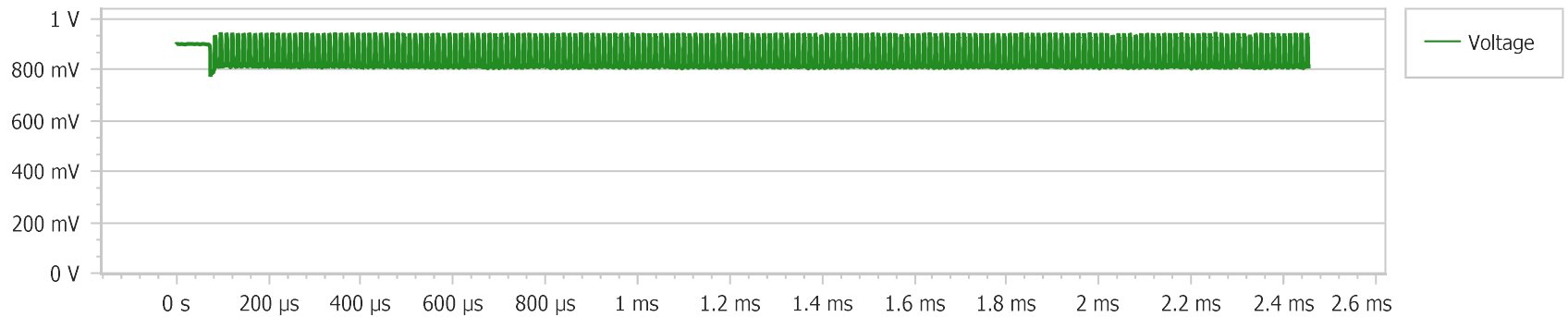
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 90 kHz

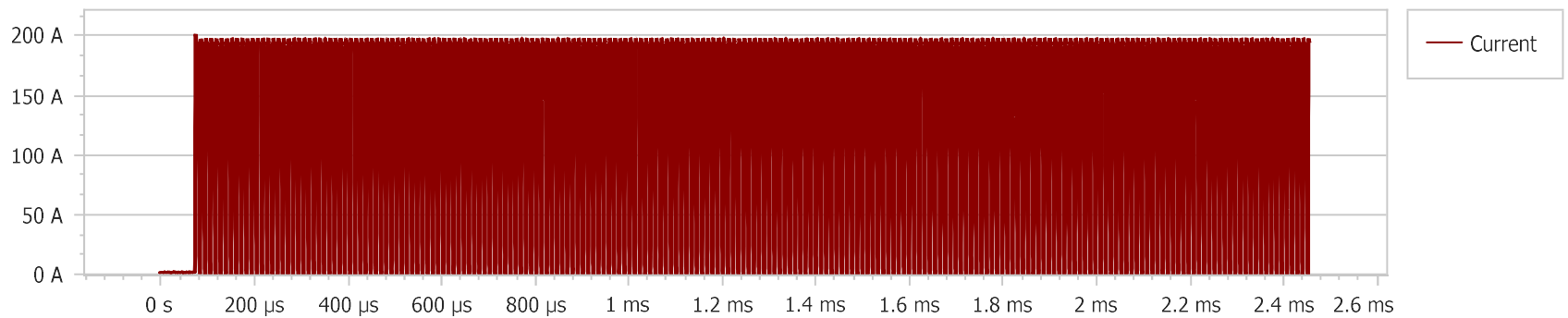
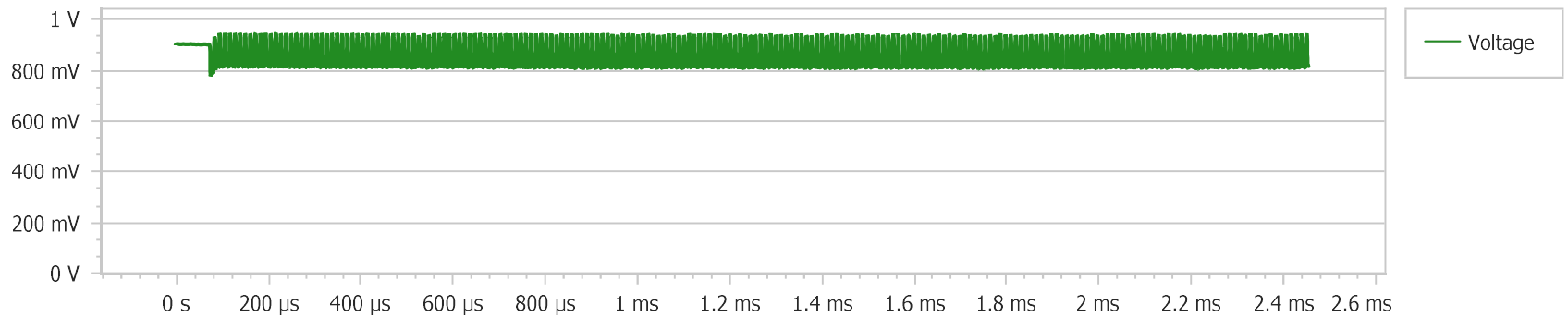
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 100 kHz

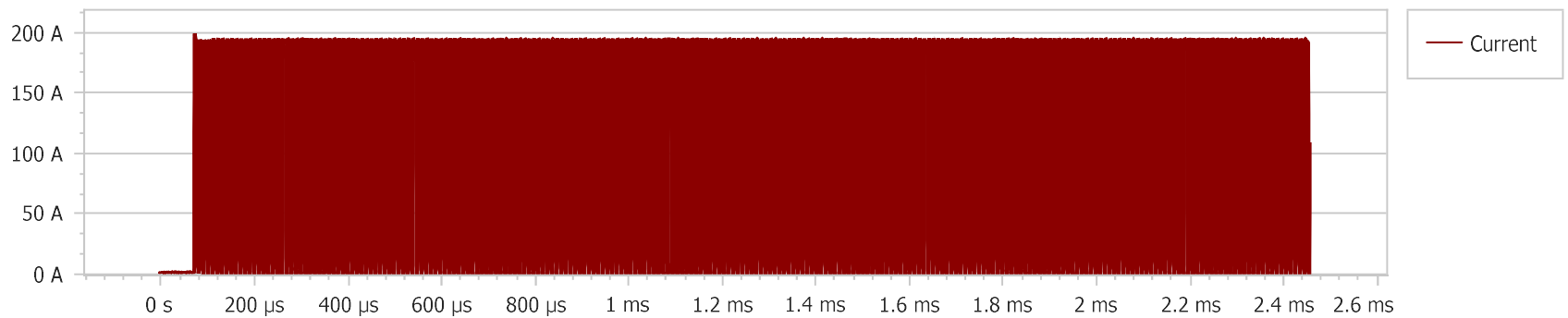
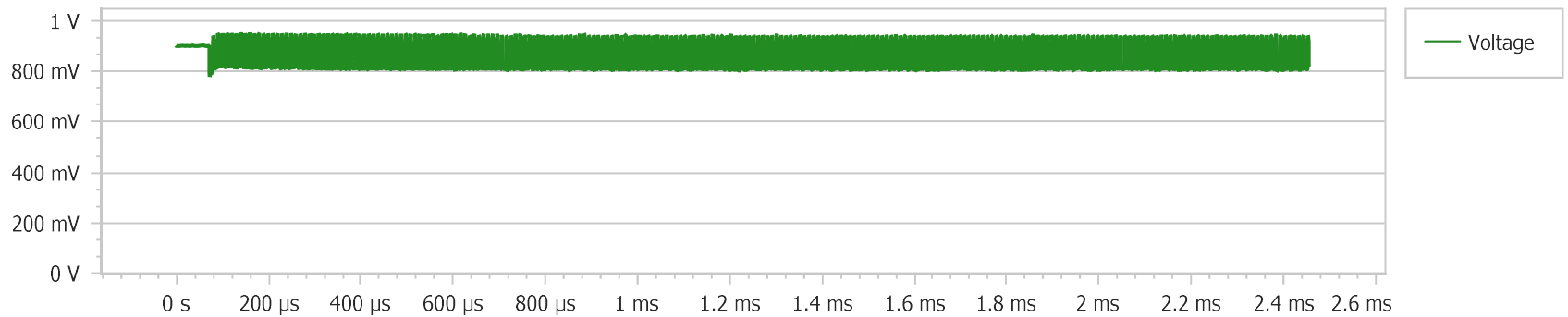
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 120 kHz

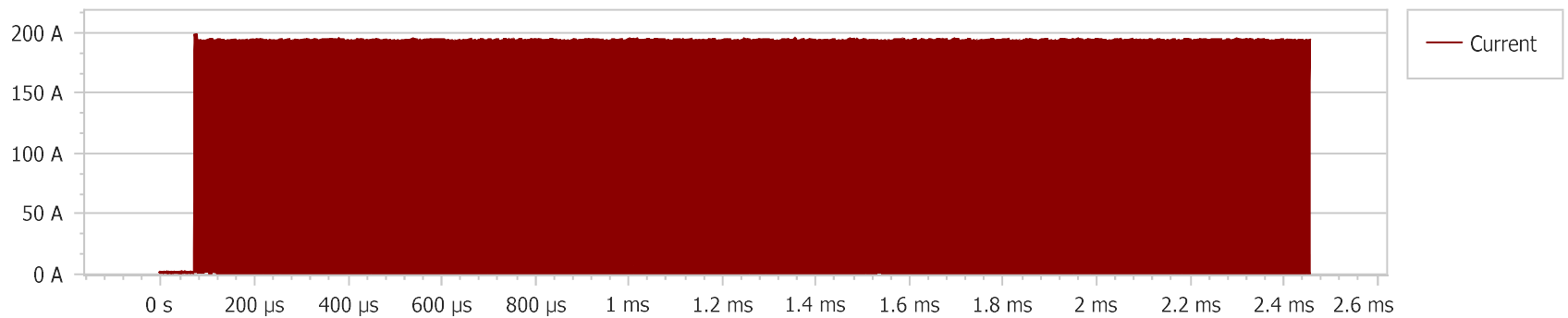
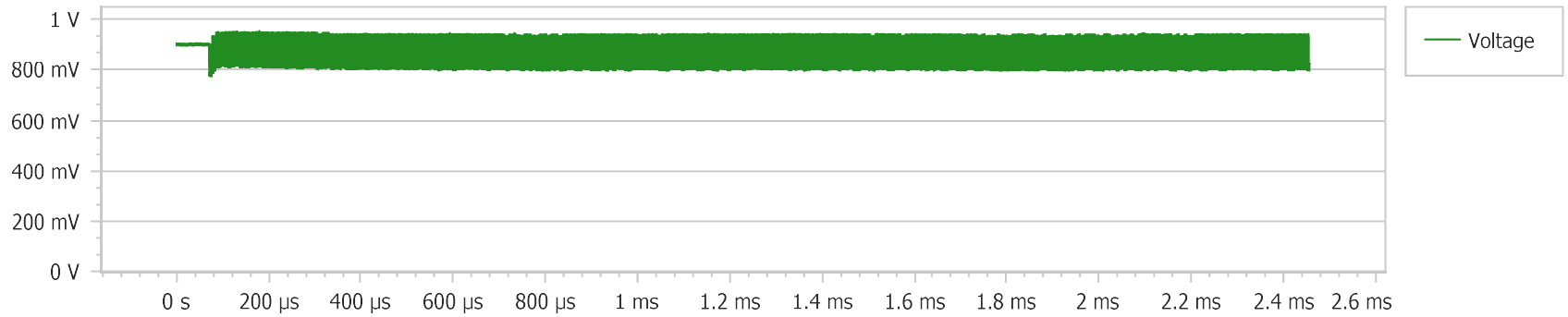
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 140 kHz

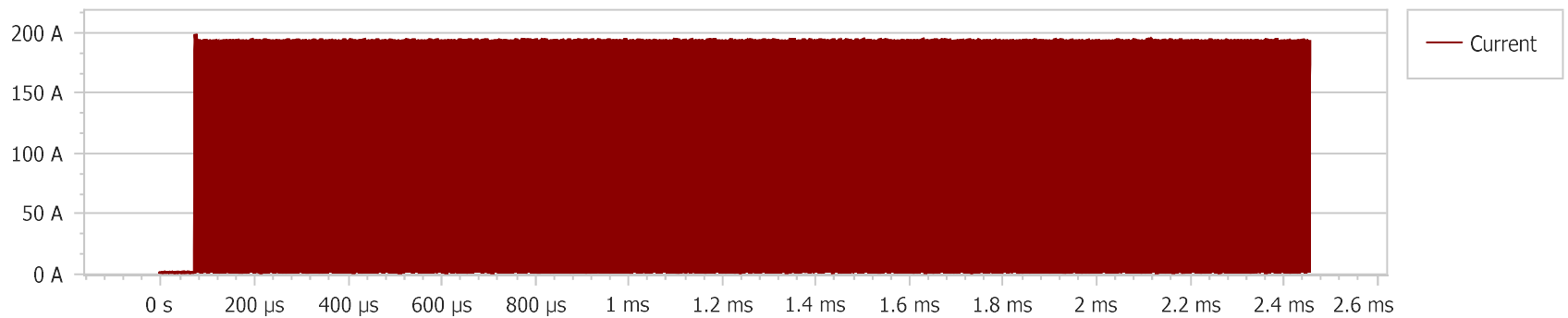
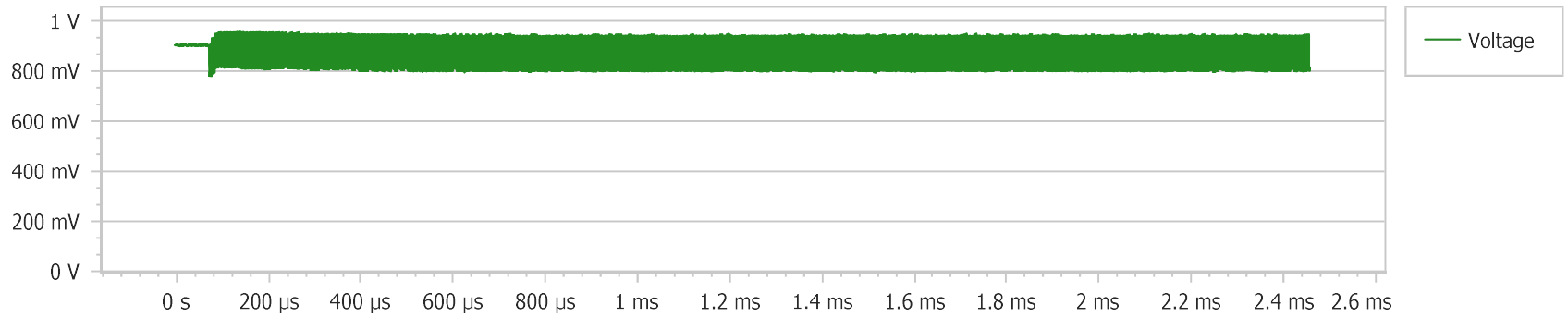
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 160 kHz

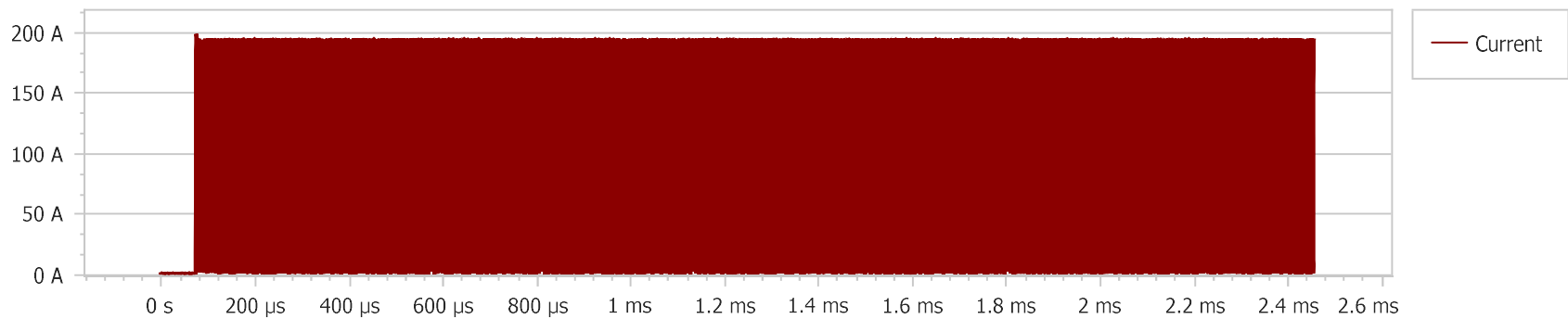
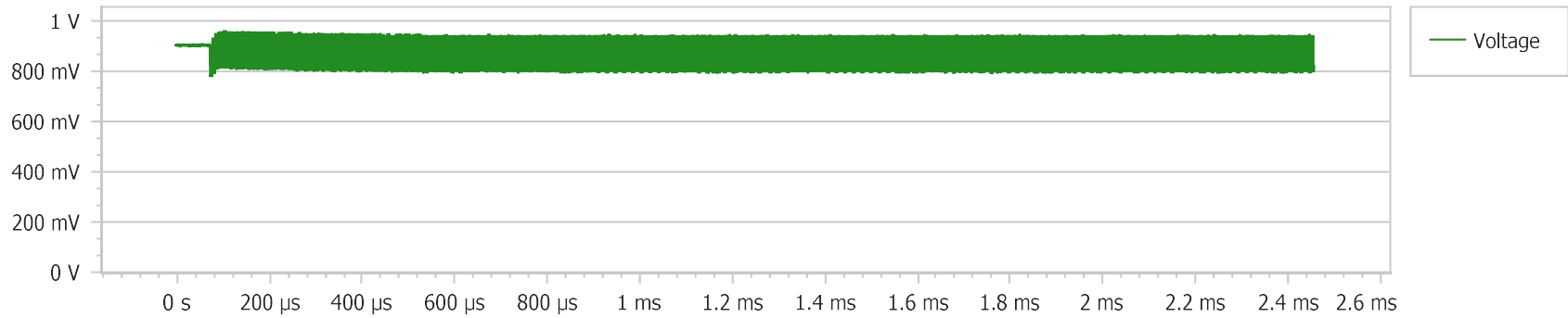
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 180 kHz

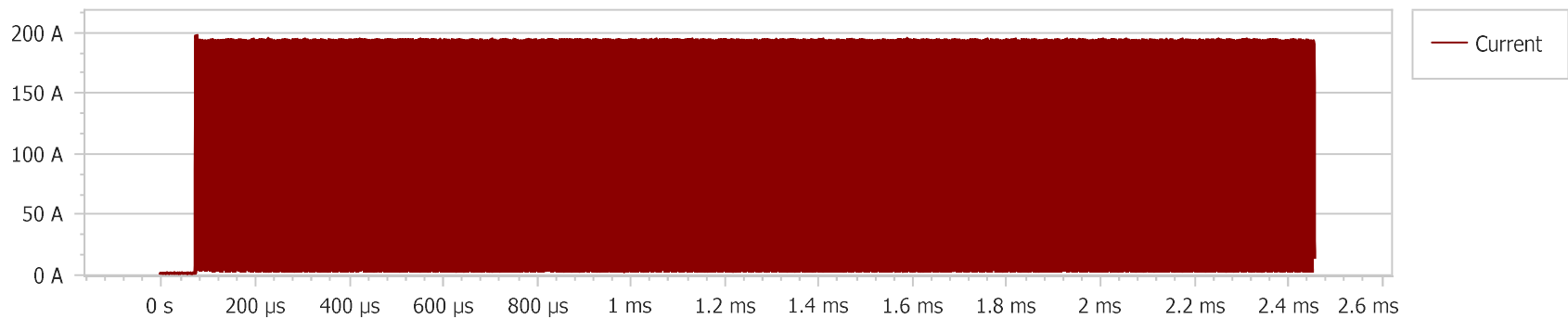
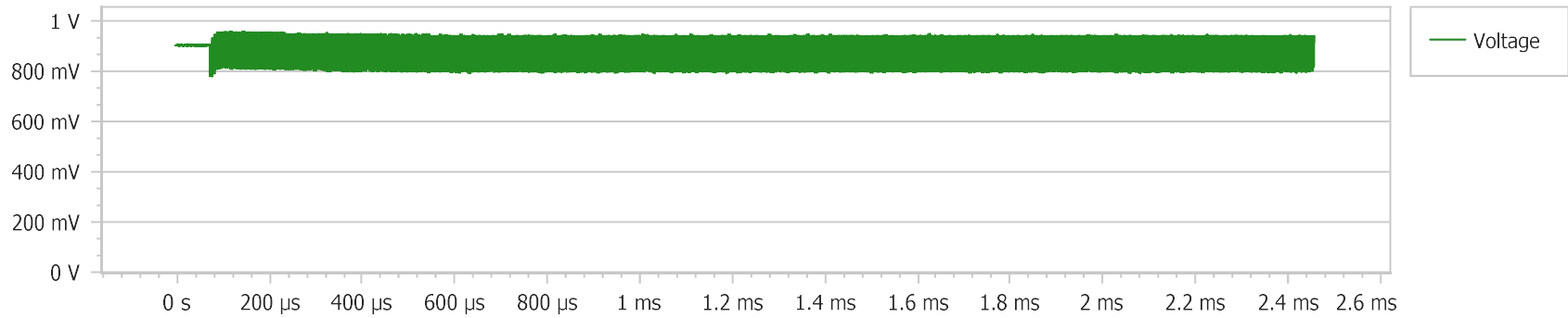
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 200 kHz

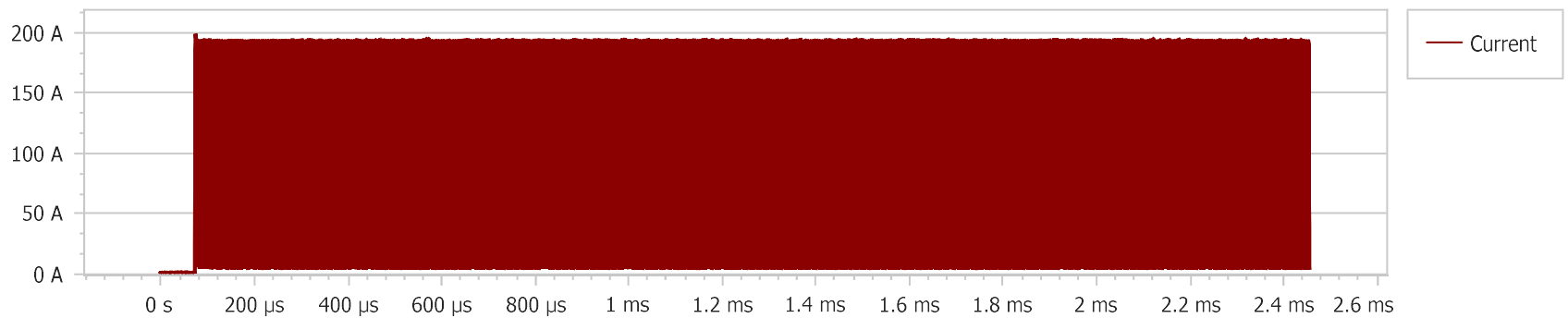
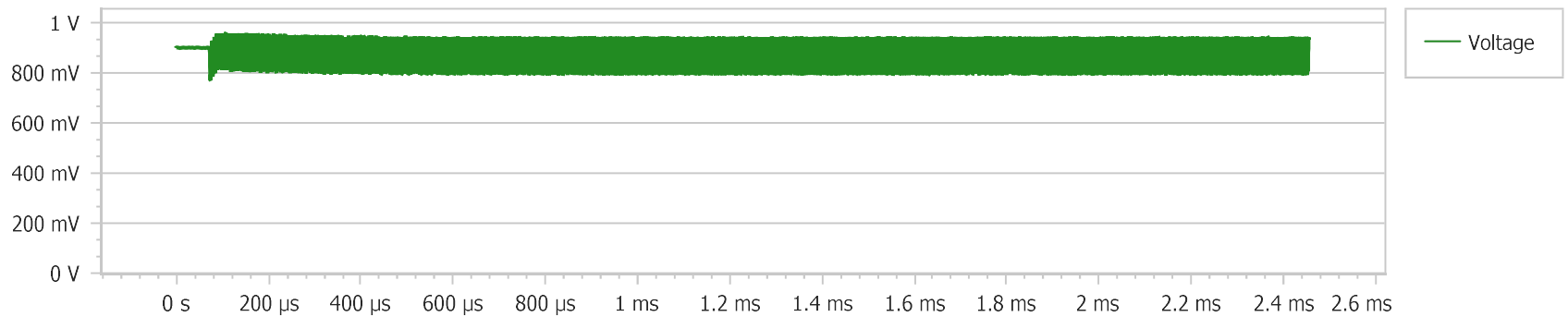
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 220 kHz

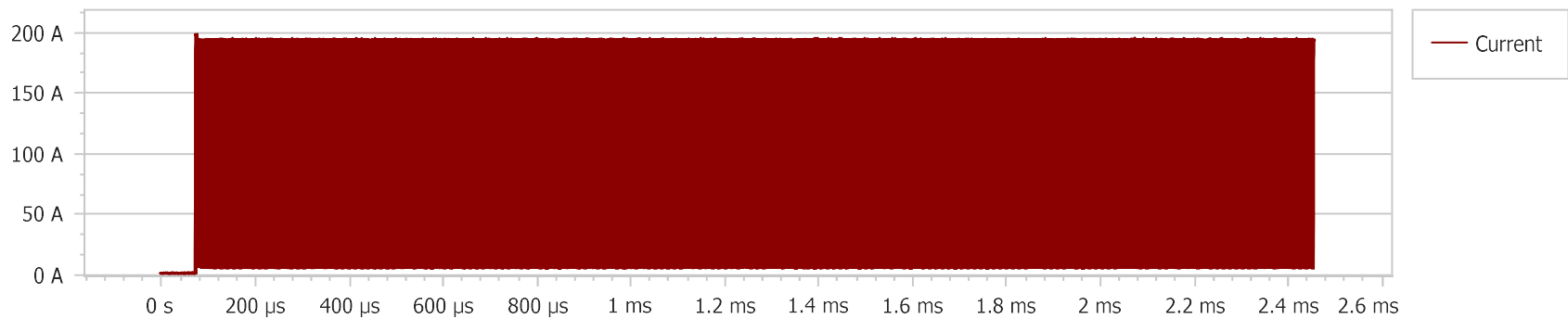
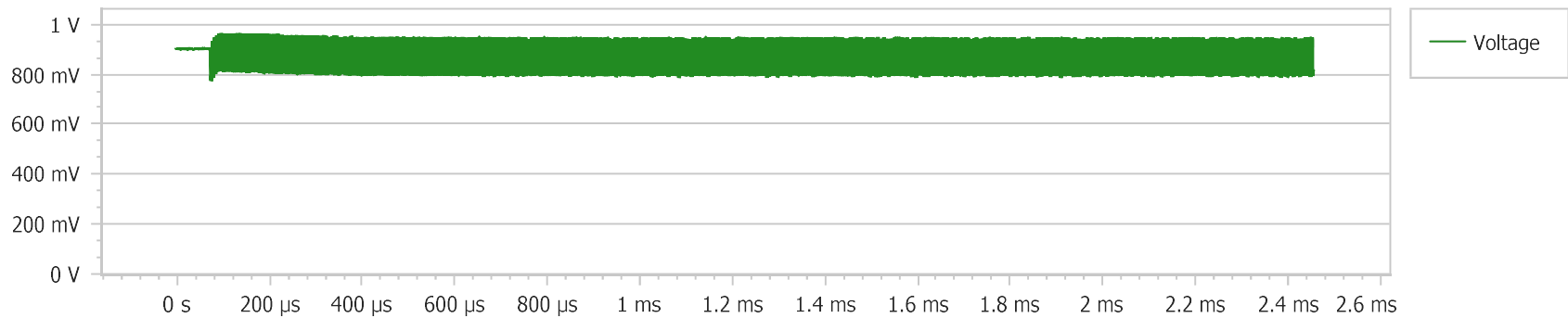
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

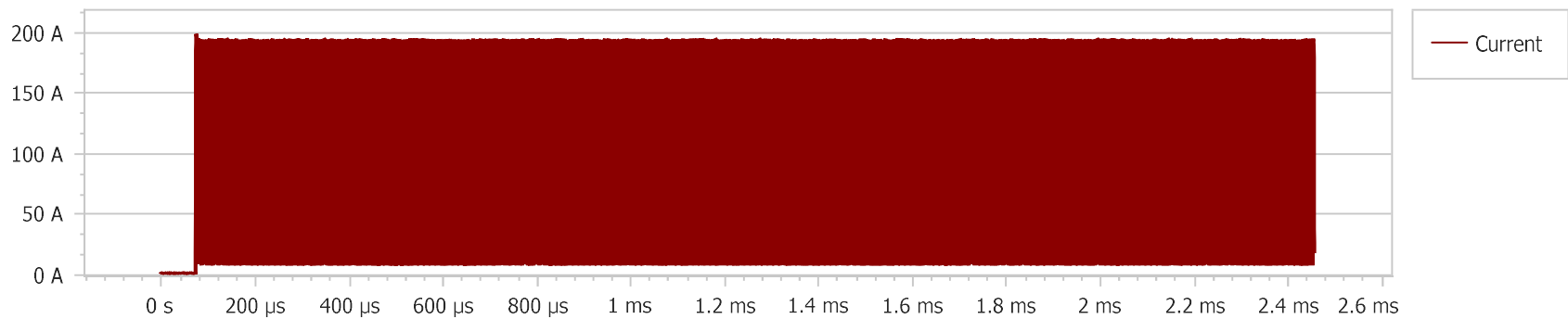
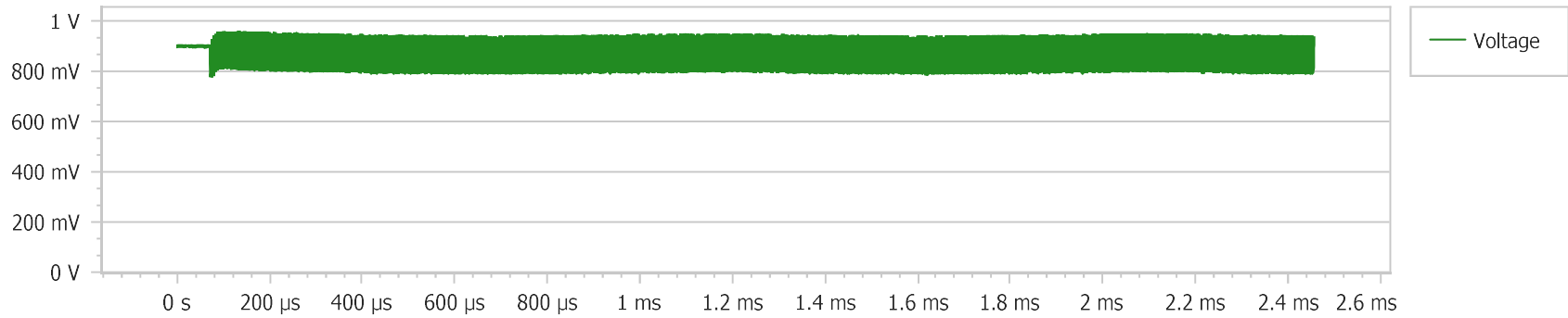
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 260 kHz

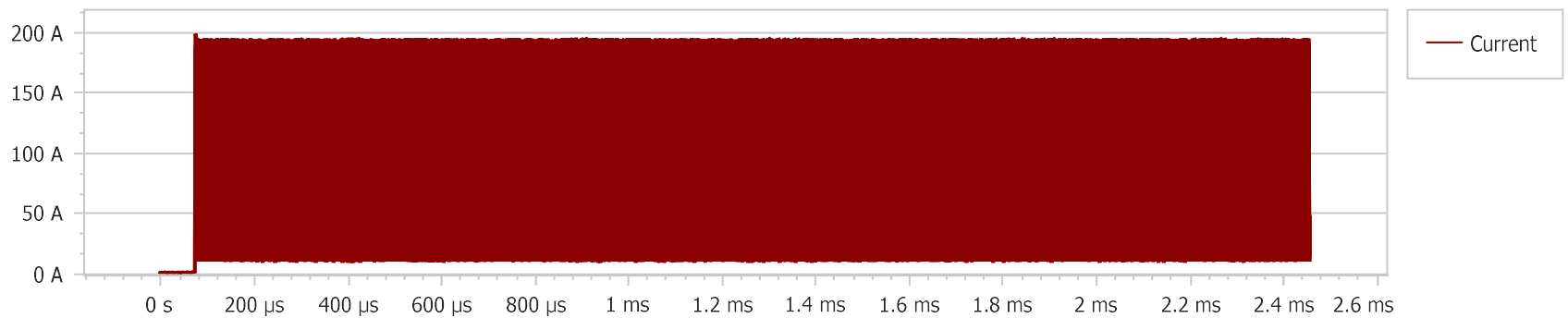
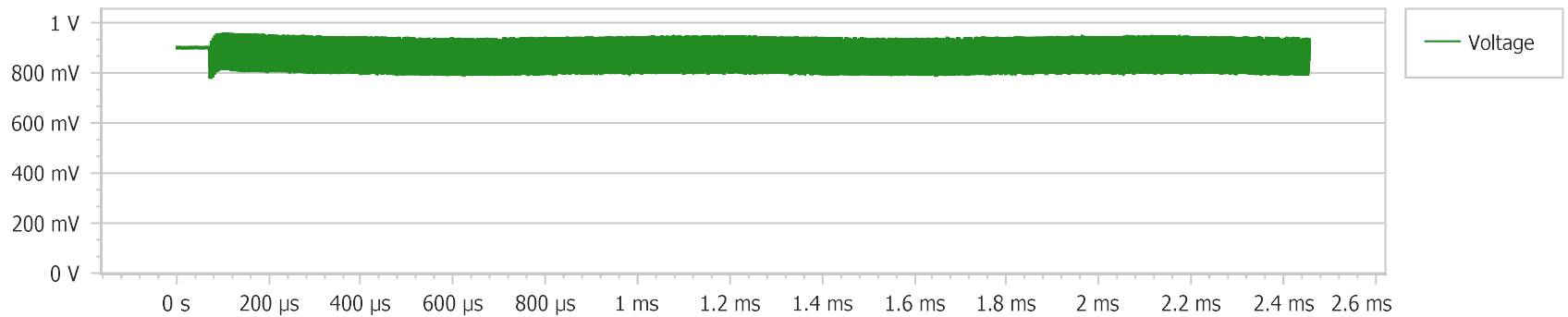
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 280 kHz

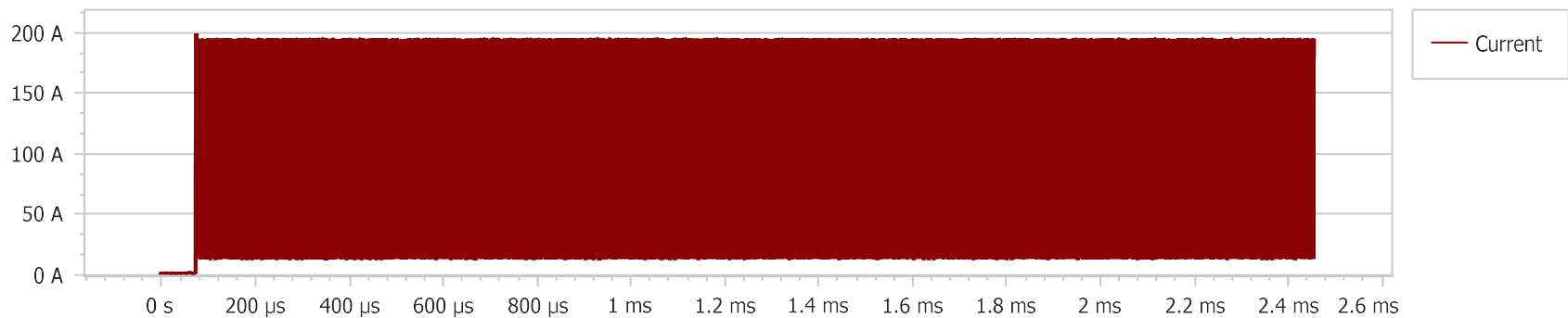
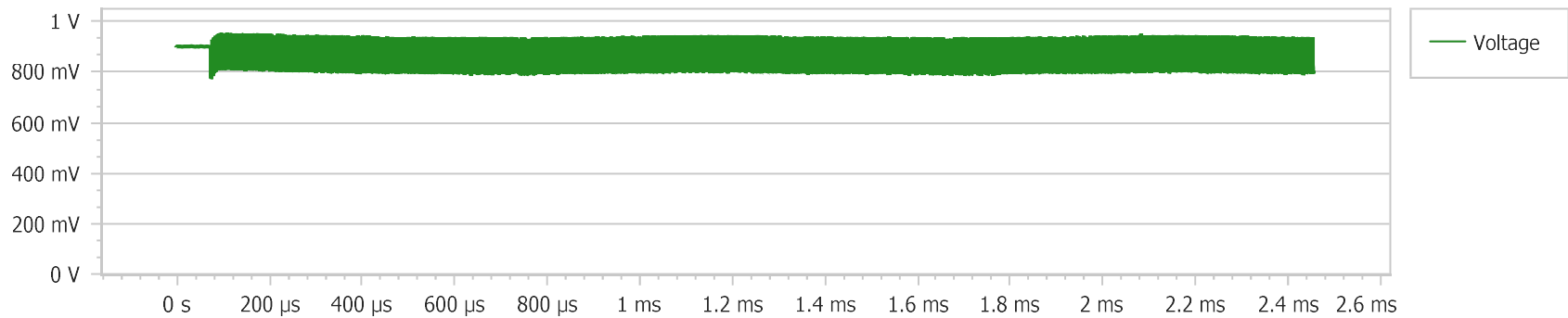
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

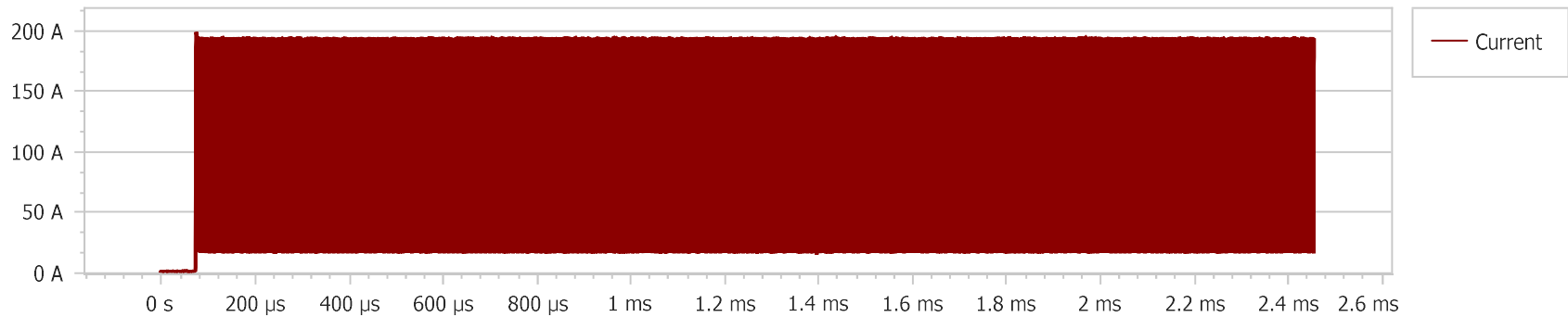
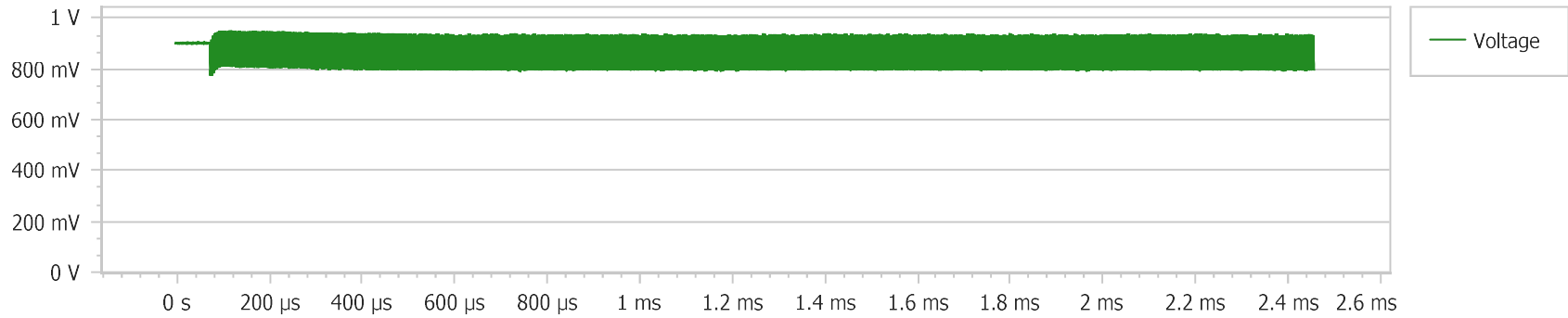
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 320 kHz

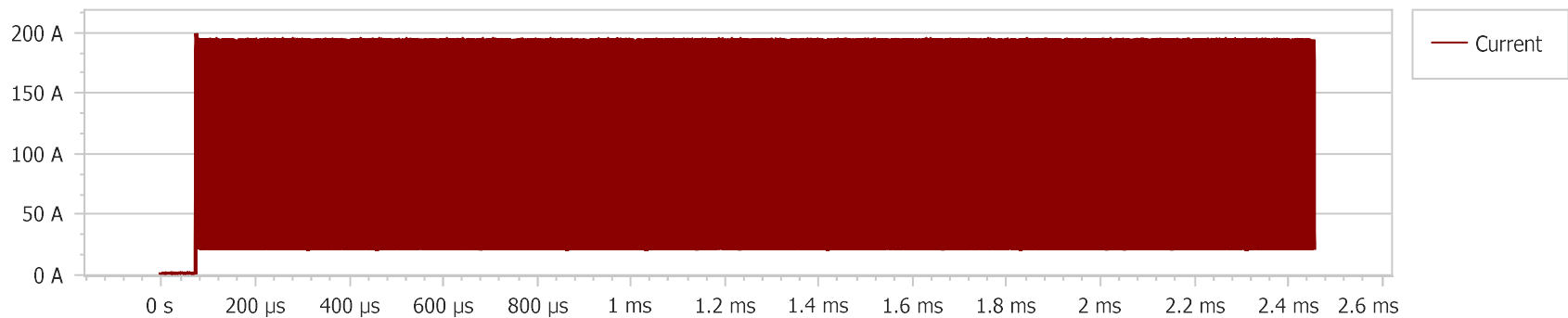
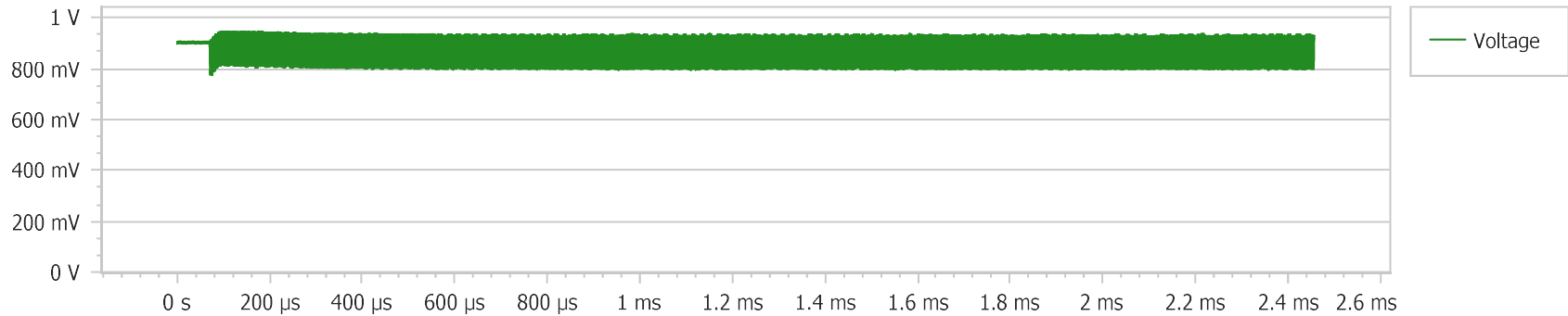
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

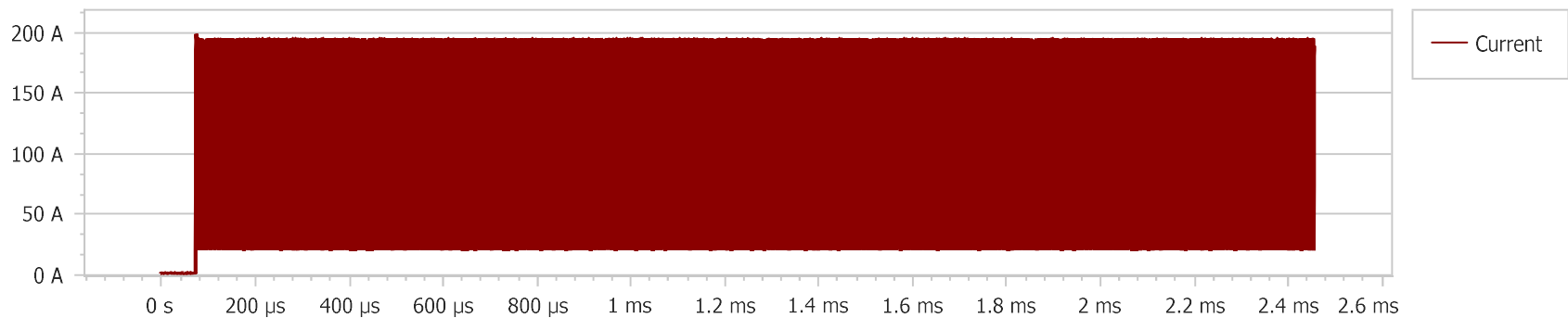
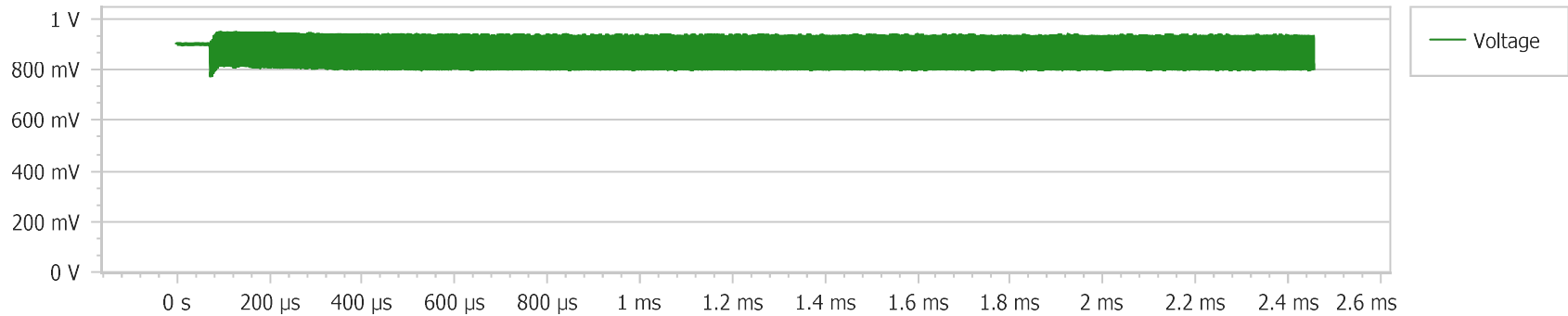
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

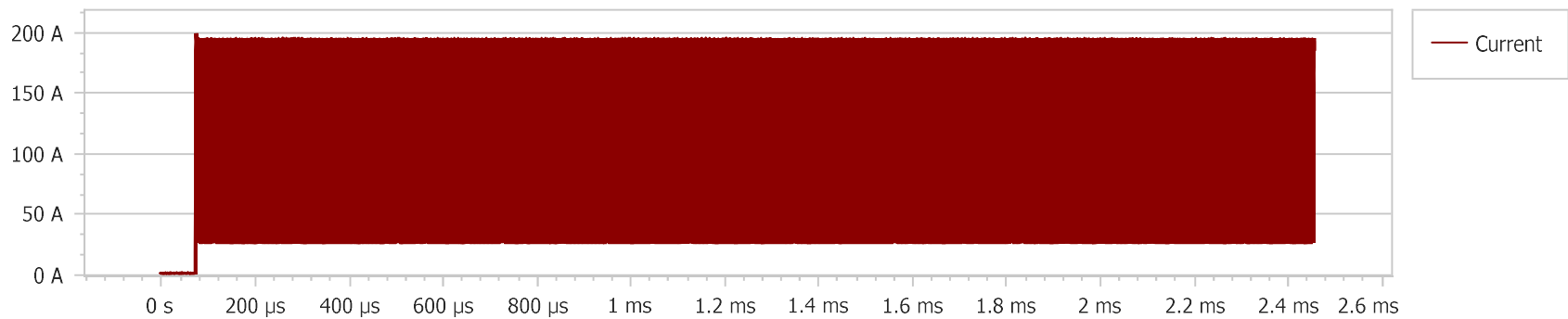
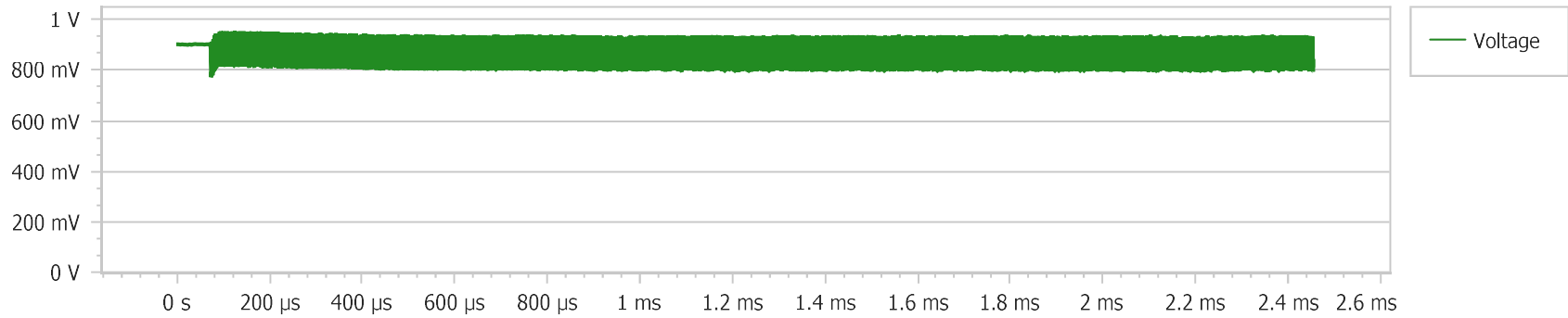
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

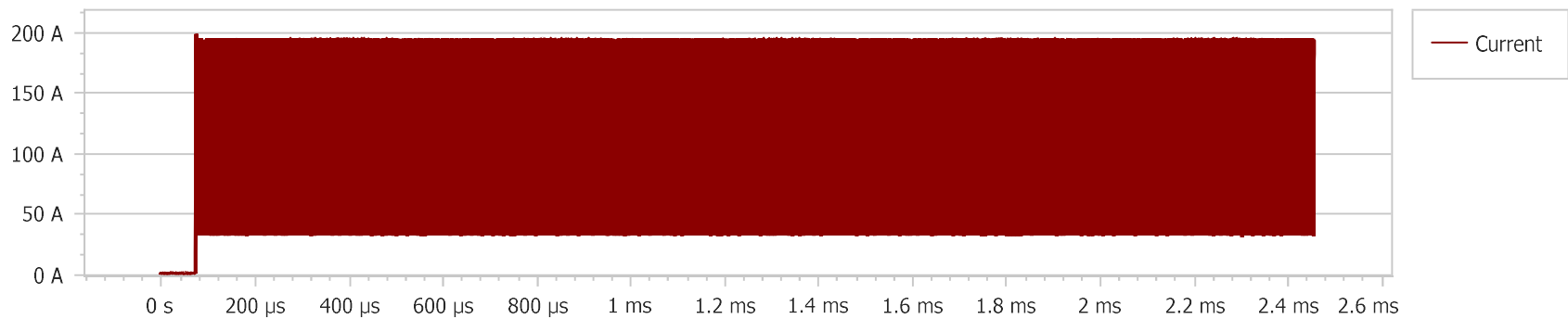
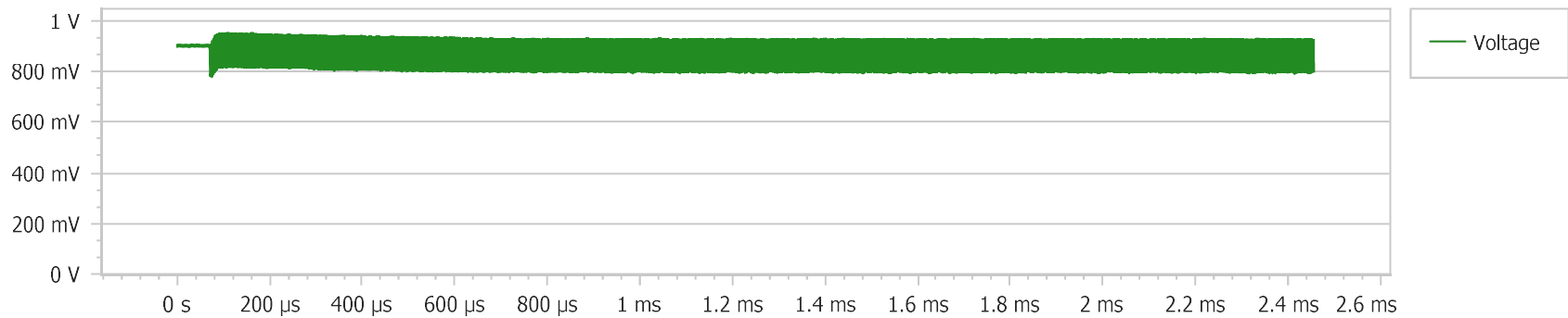
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

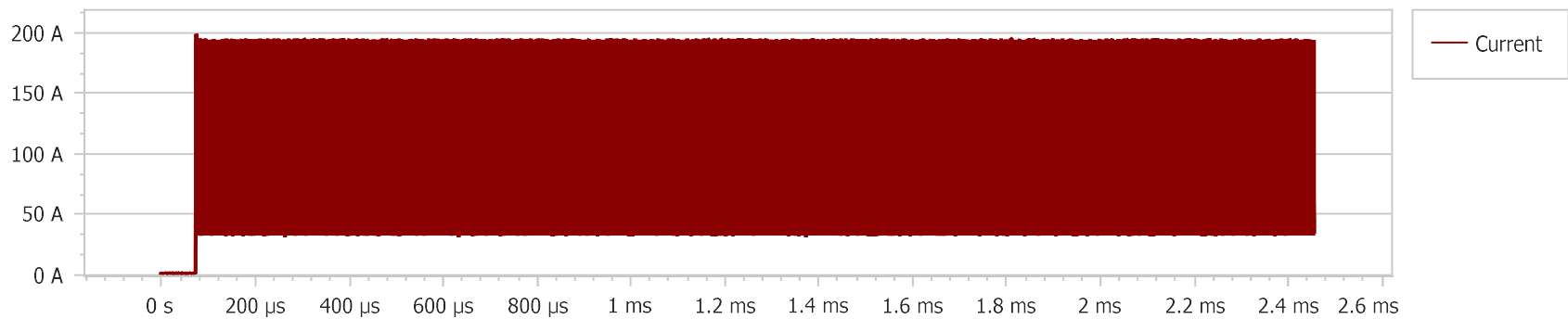
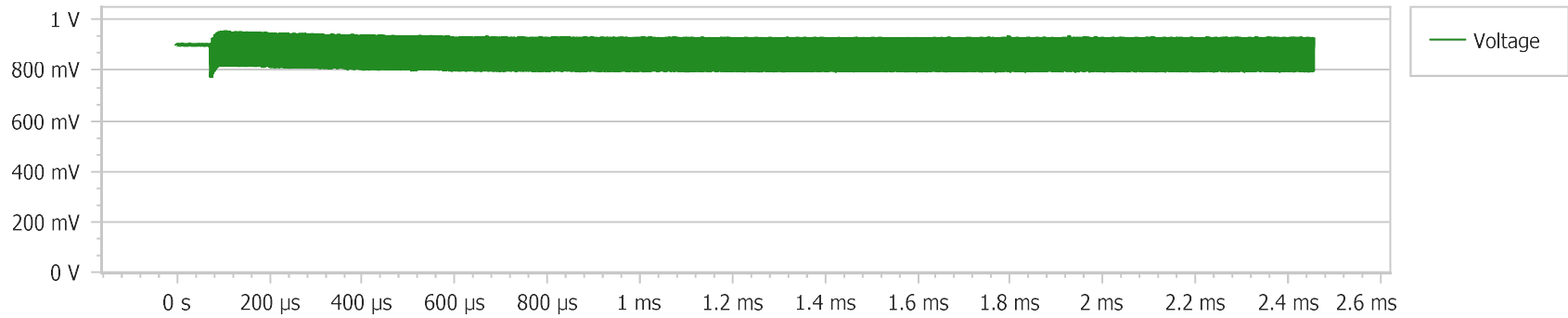
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 420 kHz

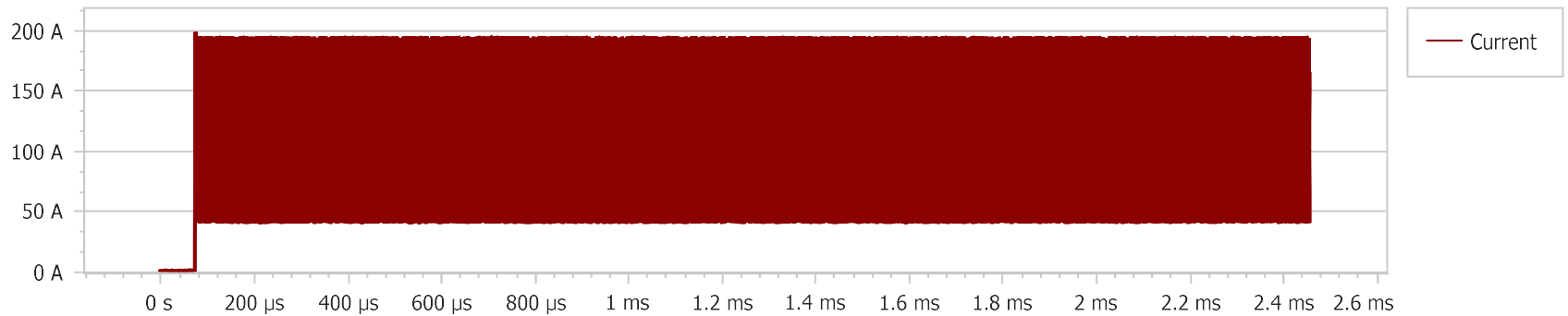
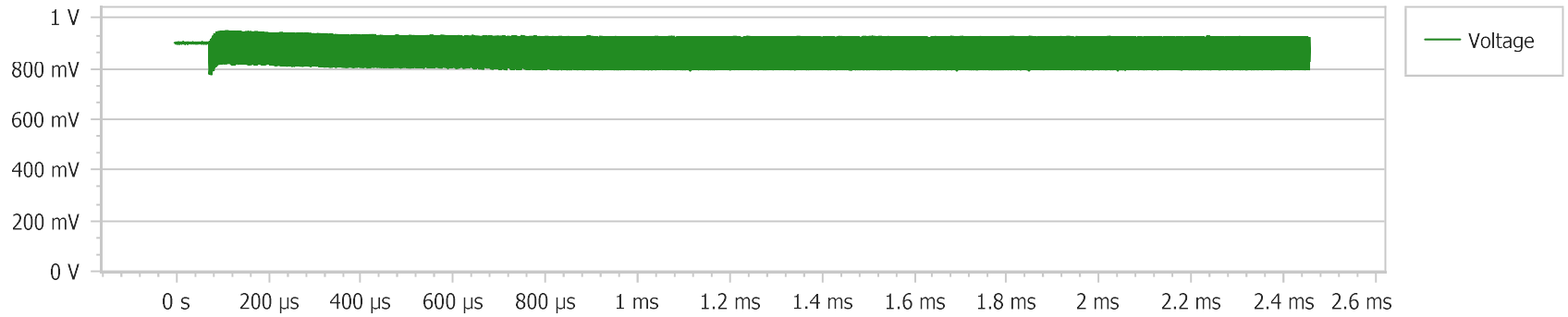
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 440 kHz

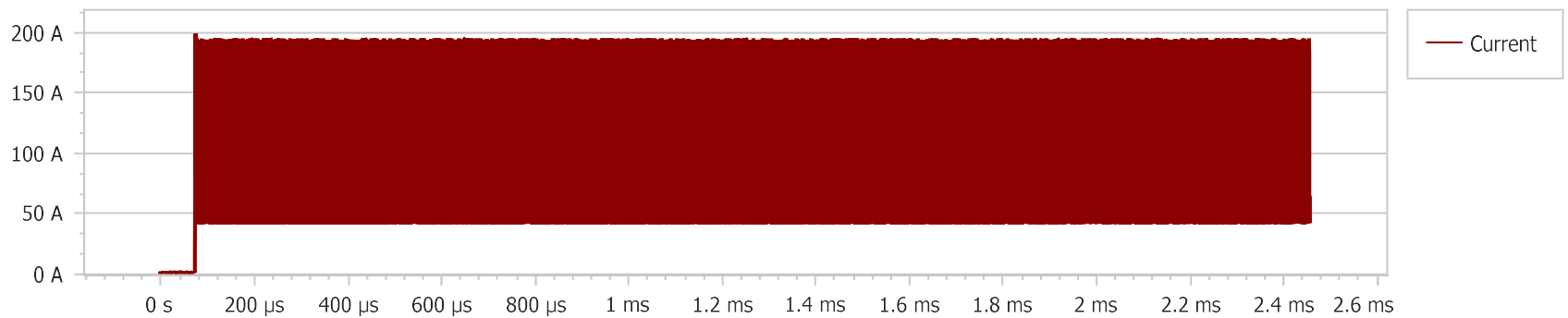
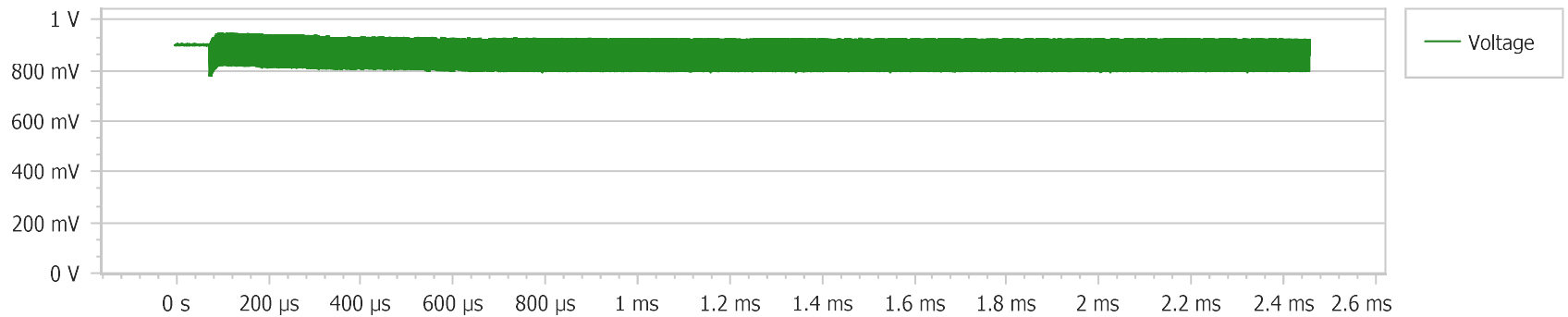
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 460 kHz

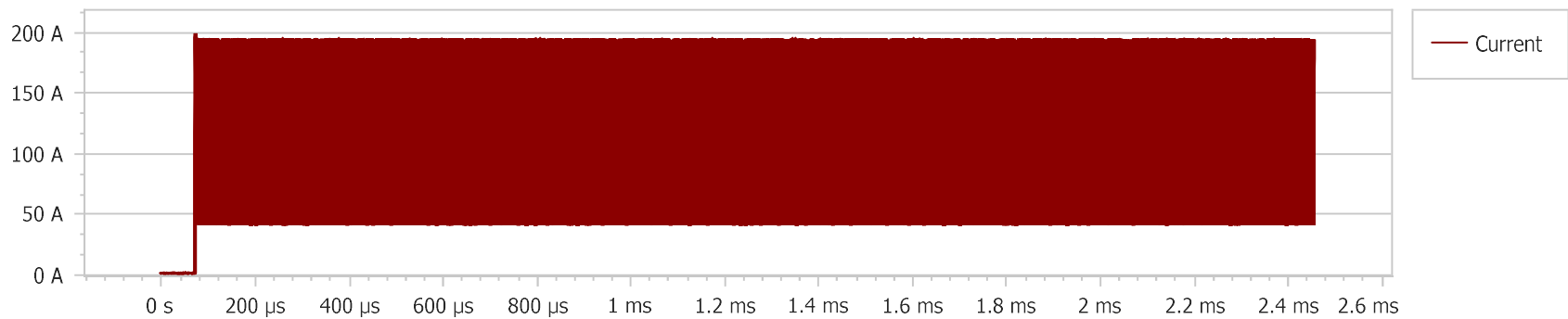
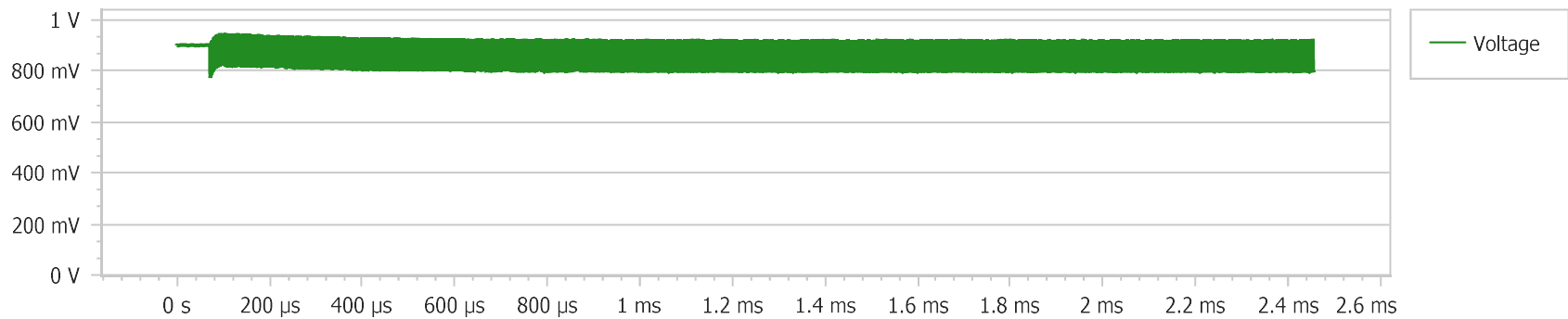
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 480 kHz

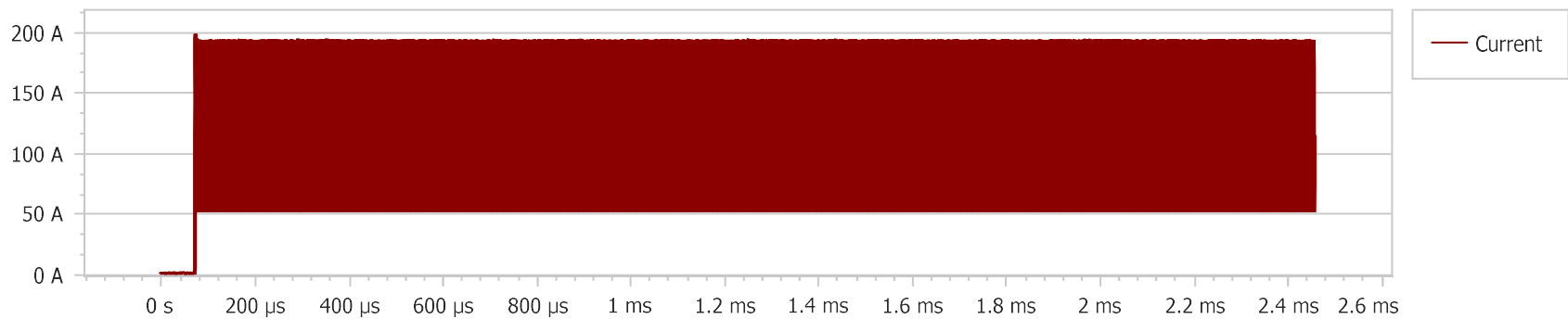
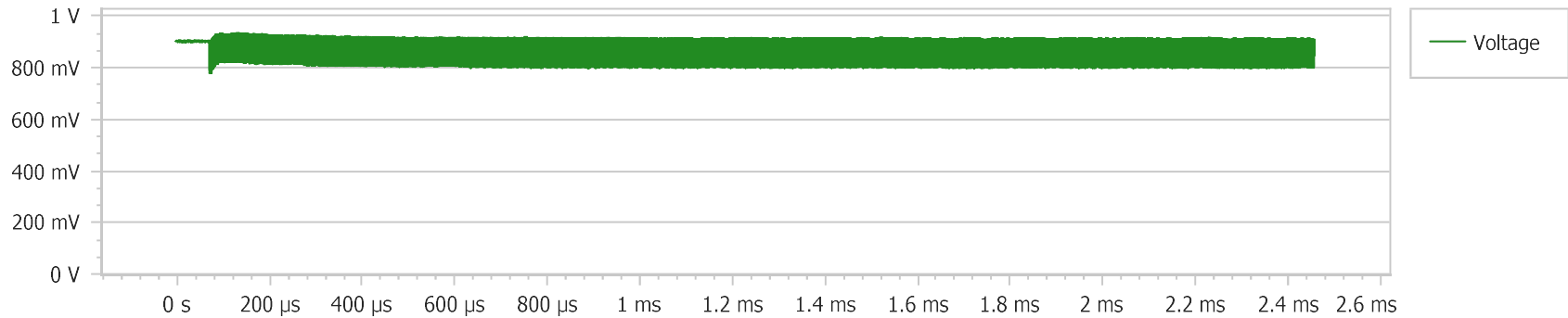
Duty Cycle: 75 %

EDC: 190 A

Load Step: 190 A

Load Release: 190 A

Duration: 100 ms



Static Analysis

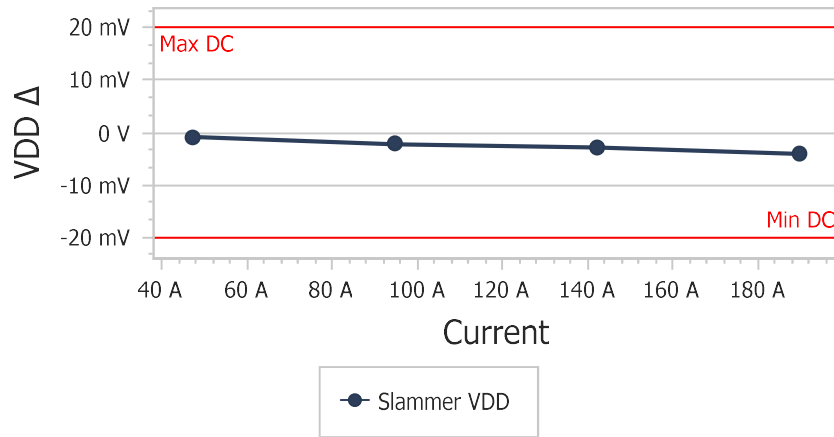
Rail Name: VCCINT

VID: 0 V

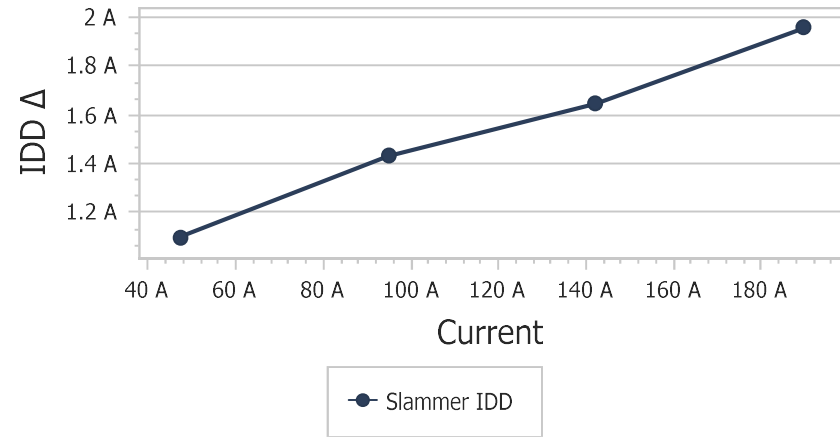
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

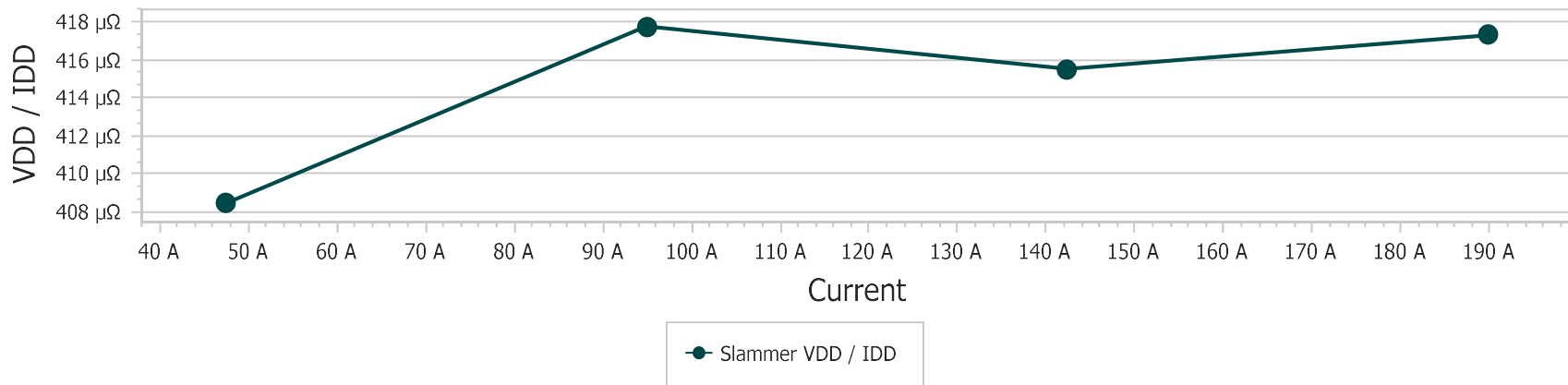
Voltage Tolerance



Current Tolerance



LoadLine



Static Analysis

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

I_Load (A)	Max DC	Min DC	VOUT		
			V	VMax	VMin
47.5 A	902.8 mV	862.8 mV	882.0 mV	886.4 mV	876.7 mV
95 A	883.8 mV	843.8 mV	861.5 mV	866.9 mV	853.5 mV
142.5 A	864.8 mV	824.8 mV	841.9 mV	846.2 mV	837.6 mV
190 A	845.8 mV	805.8 mV	821.7 mV	824.8 mV	816.8 mV



Static Analysis

Rail Name: VCCINT

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

			IOUT		
I_Load (A)	Max DC	Min DC	I	I_Max	I_Min
47.5 A	902.8 mV	862.8 mV	48.60 A	48.99 A	47.53 A
95 A	883.8 mV	843.8 mV	96.43 A	97.34 A	95.05 A
142.5 A	864.8 mV	824.8 mV	144.15 A	145.05 A	143.41 A
190 A	845.8 mV	805.8 mV	191.96 A	192.77 A	191.21 A



Static Analysis

Rail Name: VCCINT

VID: 0 V

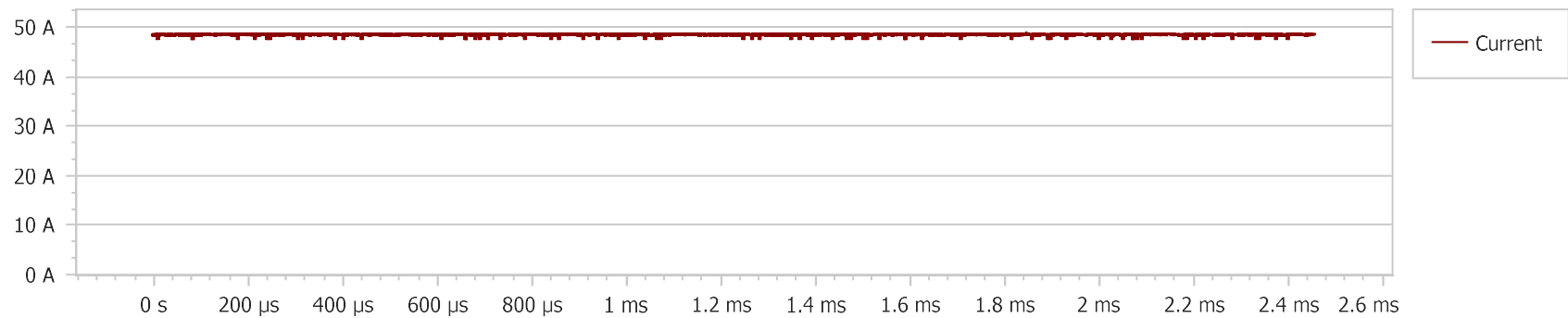
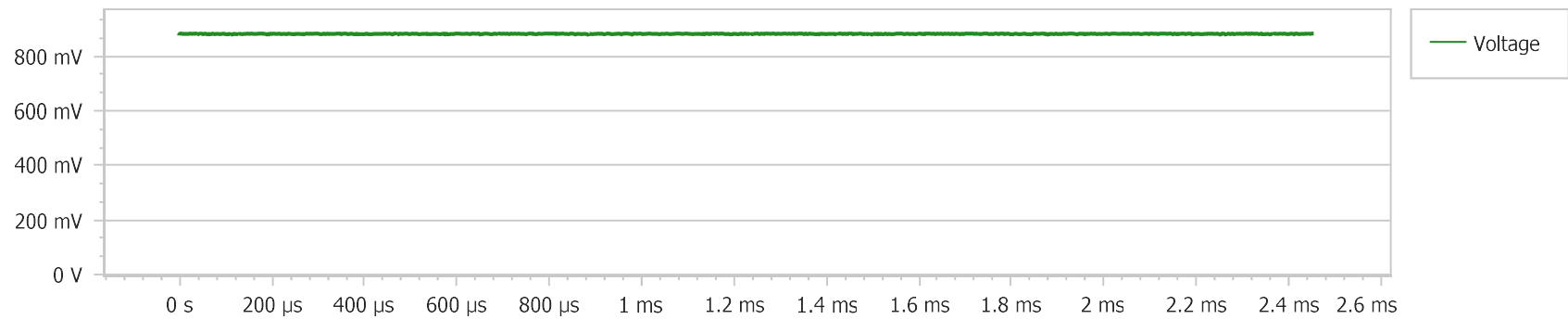
Nominal Voltage: 0.90 V

Load Line Slope: $400 \mu\Omega$

Waveform Analysis:

Current: 47.5 A

Duration: 5 s



Static Analysis

Rail Name: VCCINT

VID: 0 V

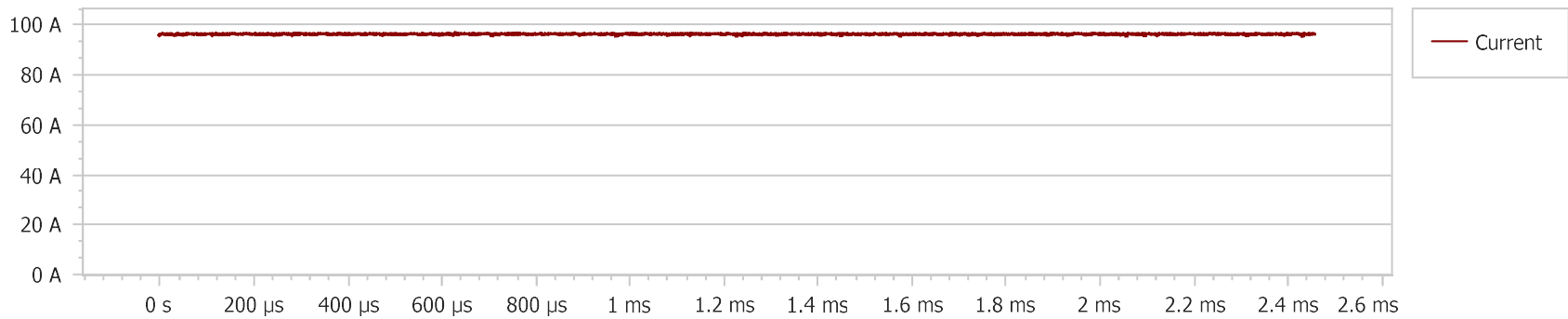
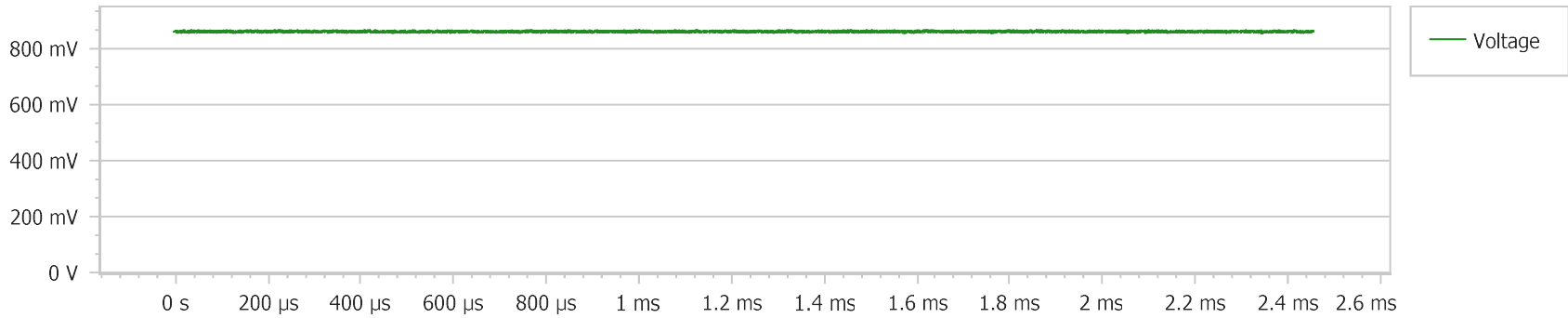
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Current: 95 A

Duration: 5 s



Static Analysis

Rail Name: VCCINT

VID: 0 V

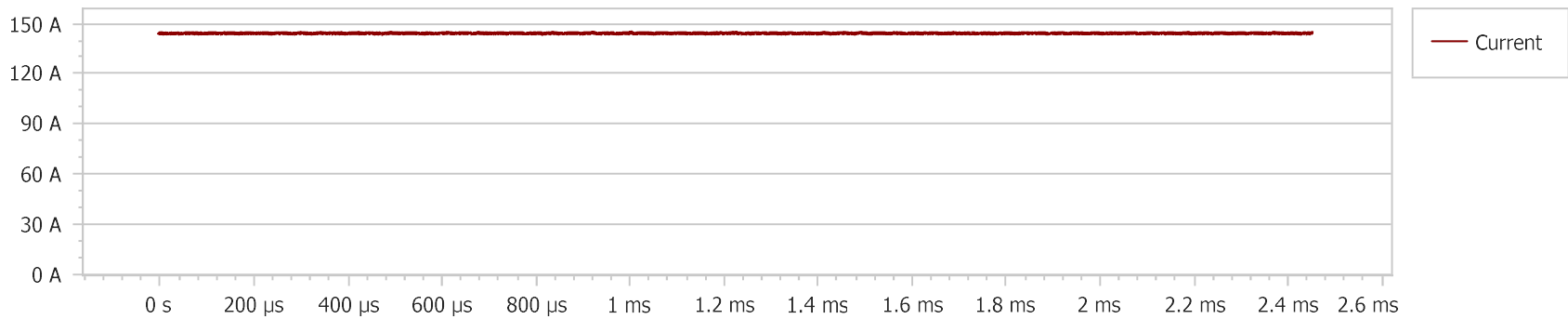
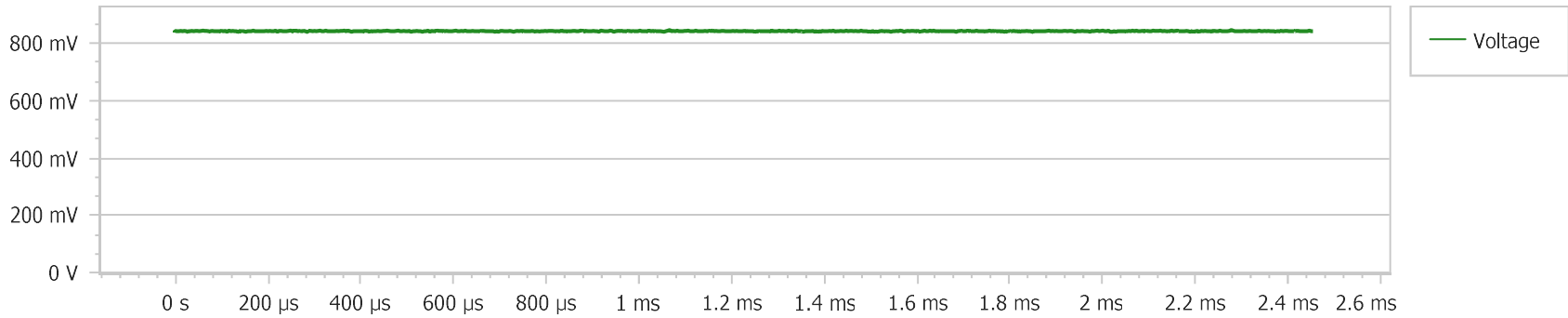
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Current: 142.5 A

Duration: 5 s



Static Analysis

Rail Name: VCCINT

VID: 0 V

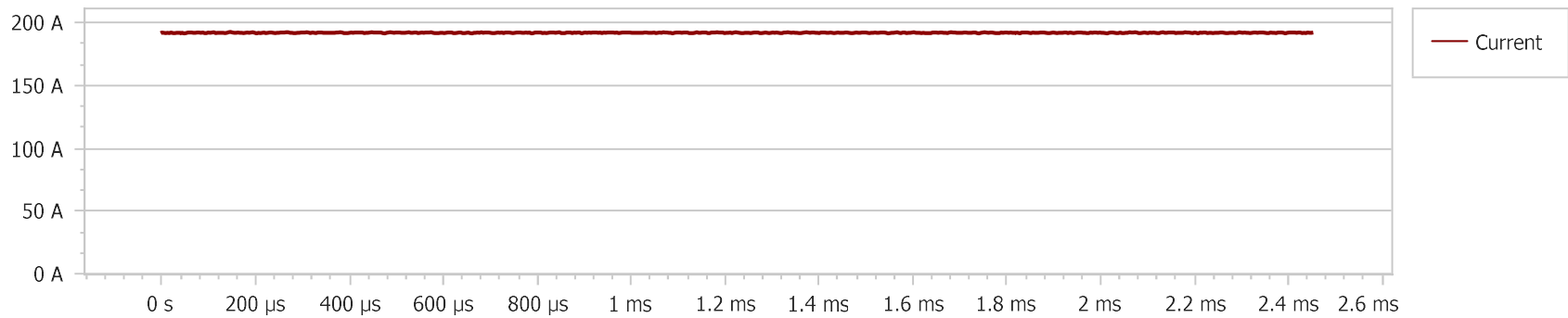
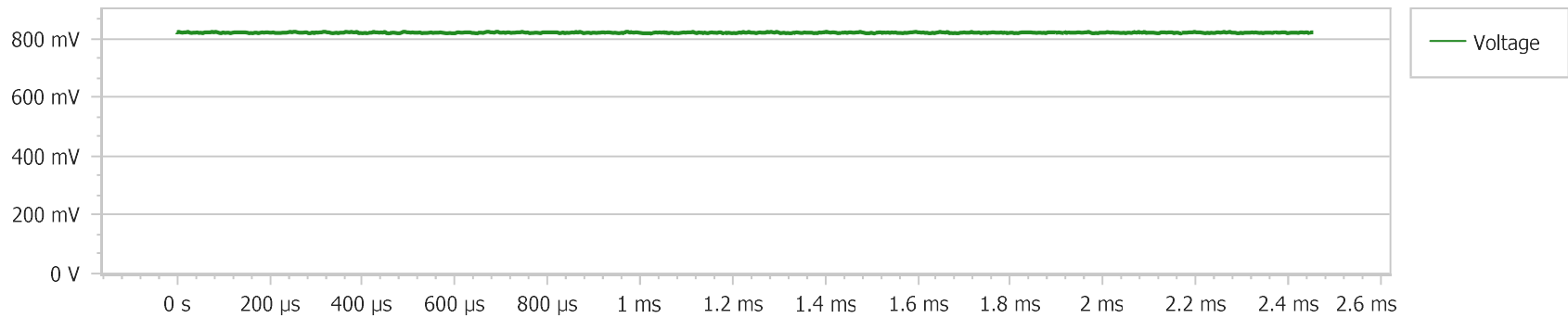
Nominal Voltage: 0.90 V

Load Line Slope: $400\ \mu\Omega$

Waveform Analysis:

Current: 190 A

Duration: 5 s



Test Details: VCC_IO

Test Summary: Dynamic Load

VID	Pass	Borderline	Fail	Total
N/A	114	0	0	114

Test Summary: Static Load

VID	Pass	Borderline	Fail	Total
N/A	4	0	0	4



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

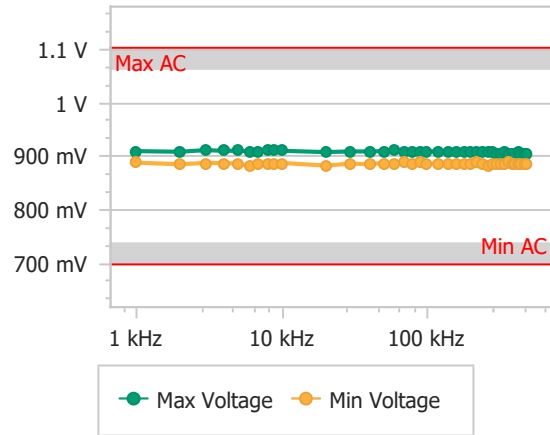
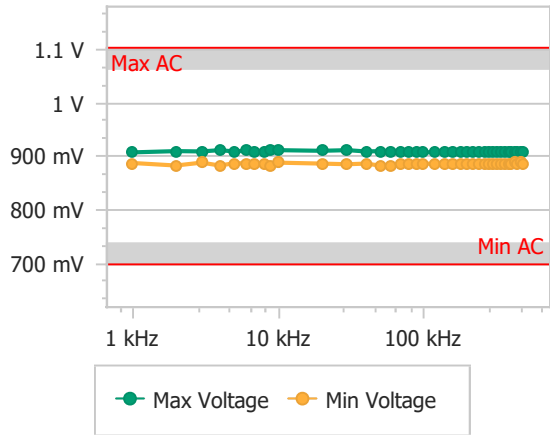
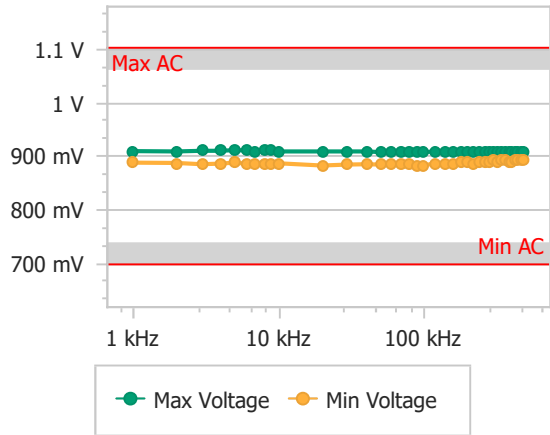
Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

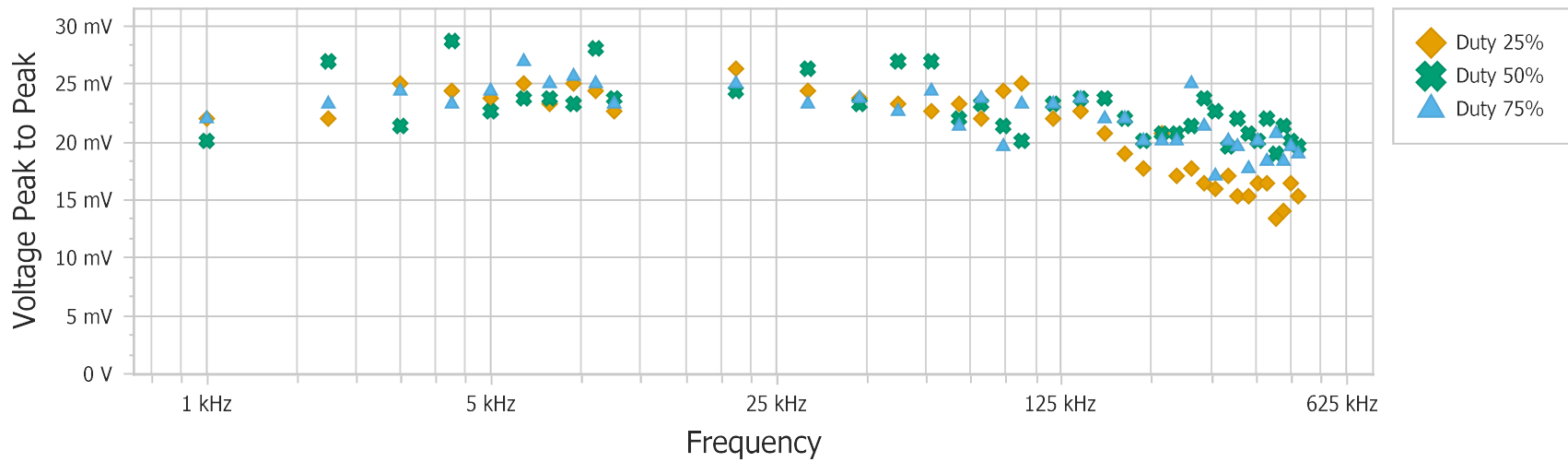
Duty = 25%

Duty = 50%

Duty = 75%



Transient Voltage Peak to Peak vs Frequency



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 25 %			
Frequency	RMS	Min	Max
1 kHz	899.6 mV	888.3 mV	910.3 mV
2 kHz	900.0 mV	887.7 mV	909.6 mV
3 kHz	900.0 mV	885.8 mV	910.9 mV
4 kHz	899.9 mV	886.4 mV	910.9 mV
5 kHz	900.2 mV	888.3 mV	912.1 mV
6 kHz	899.9 mV	886.4 mV	911.5 mV
7 kHz	900.0 mV	887.1 mV	910.3 mV
8 kHz	900.0 mV	887.1 mV	912.1 mV
9 kHz	900.0 mV	887.7 mV	912.1 mV
10 kHz	900.1 mV	887.1 mV	909.6 mV
20 kHz	900.0 mV	883.4 mV	909.6 mV
30 kHz	899.4 mV	885.2 mV	909.6 mV
40 kHz	899.8 mV	885.8 mV	909.6 mV
50 kHz	899.8 mV	885.2 mV	908.4 mV
60 kHz	899.4 mV	886.4 mV	909.0 mV
70 kHz	900.0 mV	885.8 mV	909.0 mV
80 kHz	899.9 mV	887.7 mV	909.6 mV
90 kHz	899.5 mV	883.4 mV	907.8 mV
100 kHz	900.1 mV	883.4 mV	908.4 mV
120 kHz	900.1 mV	887.7 mV	909.6 mV
140 kHz	899.4 mV	885.2 mV	907.8 mV
160 kHz	899.4 mV	887.7 mV	908.4 mV
180 kHz	899.9 mV	888.9 mV	907.8 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 25 %			
Frequency	RMS	Min	Max
200 kHz	899.9 mV	890.1 mV	907.8 mV
220 kHz	899.4 mV	887.7 mV	908.4 mV
240 kHz	899.4 mV	890.1 mV	907.2 mV
260 kHz	900.1 mV	890.7 mV	908.4 mV
280 kHz	899.4 mV	891.3 mV	907.8 mV
300 kHz	899.4 mV	892.6 mV	908.4 mV
320 kHz	899.5 mV	891.3 mV	908.4 mV
340 kHz	900.1 mV	892.6 mV	907.8 mV
360 kHz	900.2 mV	892.6 mV	907.8 mV
380 kHz	899.5 mV	891.3 mV	907.8 mV
400 kHz	899.5 mV	891.3 mV	907.8 mV
420 kHz	900.1 mV	895.0 mV	908.4 mV
440 kHz	900.3 mV	893.2 mV	907.2 mV
460 kHz	900.2 mV	893.2 mV	909.6 mV
480 kHz	900.3 mV	893.2 mV	908.4 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 50 %			
Frequency	RMS	Min	Max
1 kHz	897.4 mV	887.7 mV	907.8 mV
2 kHz	897.9 mV	883.4 mV	910.3 mV
3 kHz	898.0 mV	888.3 mV	909.6 mV
4 kHz	897.8 mV	883.4 mV	912.1 mV
5 kHz	898.1 mV	887.1 mV	909.6 mV
6 kHz	898.0 mV	887.1 mV	910.9 mV
7 kHz	898.0 mV	885.8 mV	909.6 mV
8 kHz	898.0 mV	886.4 mV	909.6 mV
9 kHz	898.0 mV	883.4 mV	911.5 mV
10 kHz	898.1 mV	888.3 mV	912.1 mV
20 kHz	898.0 mV	886.4 mV	910.9 mV
30 kHz	898.0 mV	885.8 mV	912.1 mV
40 kHz	897.4 mV	886.4 mV	909.6 mV
50 kHz	897.4 mV	883.4 mV	910.3 mV
60 kHz	897.4 mV	883.4 mV	910.3 mV
70 kHz	898.0 mV	887.7 mV	909.6 mV
80 kHz	898.0 mV	886.4 mV	909.6 mV
90 kHz	897.5 mV	886.4 mV	907.8 mV
100 kHz	898.1 mV	887.1 mV	907.2 mV
120 kHz	897.5 mV	885.8 mV	909.0 mV
140 kHz	898.0 mV	885.8 mV	909.6 mV
160 kHz	897.5 mV	885.2 mV	909.0 mV
180 kHz	898.2 mV	887.7 mV	909.6 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 50 %			
Frequency	RMS	Min	Max
200 kHz	897.5 mV	887.7 mV	907.8 mV
220 kHz	898.0 mV	886.4 mV	907.2 mV
240 kHz	898.1 mV	887.7 mV	908.4 mV
260 kHz	898.1 mV	887.7 mV	909.0 mV
280 kHz	897.5 mV	885.8 mV	909.6 mV
300 kHz	898.1 mV	887.7 mV	910.3 mV
320 kHz	897.6 mV	887.7 mV	907.2 mV
340 kHz	898.1 mV	885.8 mV	907.8 mV
360 kHz	898.2 mV	887.7 mV	908.4 mV
380 kHz	898.2 mV	887.7 mV	907.8 mV
400 kHz	897.4 mV	885.8 mV	907.8 mV
420 kHz	898.2 mV	888.9 mV	907.8 mV
440 kHz	897.5 mV	886.4 mV	907.8 mV
460 kHz	898.2 mV	888.9 mV	909.0 mV
480 kHz	897.5 mV	887.7 mV	907.2 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 75 %			
Frequency	RMS	Min	Max
1 kHz	895.8 mV	888.3 mV	910.3 mV
2 kHz	895.7 mV	885.8 mV	909.0 mV
3 kHz	896.1 mV	887.7 mV	912.1 mV
4 kHz	895.9 mV	887.7 mV	910.9 mV
5 kHz	895.9 mV	886.4 mV	910.9 mV
6 kHz	896.1 mV	883.4 mV	910.3 mV
7 kHz	895.9 mV	885.2 mV	910.3 mV
8 kHz	896.0 mV	886.4 mV	912.1 mV
9 kHz	896.0 mV	885.8 mV	910.9 mV
10 kHz	896.1 mV	887.7 mV	910.9 mV
20 kHz	896.0 mV	883.4 mV	908.4 mV
30 kHz	895.6 mV	886.4 mV	909.6 mV
40 kHz	895.6 mV	885.8 mV	909.6 mV
50 kHz	895.6 mV	887.7 mV	910.3 mV
60 kHz	895.5 mV	886.4 mV	910.9 mV
70 kHz	896.0 mV	888.3 mV	909.6 mV
80 kHz	895.6 mV	885.8 mV	909.6 mV
90 kHz	896.0 mV	888.3 mV	907.8 mV
100 kHz	895.9 mV	886.4 mV	909.6 mV
120 kHz	895.6 mV	886.4 mV	909.6 mV
140 kHz	895.9 mV	885.8 mV	909.6 mV
160 kHz	895.5 mV	887.7 mV	909.6 mV
180 kHz	895.6 mV	887.7 mV	909.6 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Duty 75 %			
Frequency	RMS	Min	Max
200 kHz	895.7 mV	887.1 mV	907.2 mV
220 kHz	896.3 mV	888.3 mV	908.4 mV
240 kHz	896.2 mV	887.7 mV	907.8 mV
260 kHz	895.6 mV	883.4 mV	908.4 mV
280 kHz	895.7 mV	885.8 mV	907.2 mV
300 kHz	896.1 mV	887.7 mV	904.8 mV
320 kHz	896.1 mV	885.2 mV	905.4 mV
340 kHz	896.2 mV	887.7 mV	907.2 mV
360 kHz	896.2 mV	888.3 mV	906.0 mV
380 kHz	895.6 mV	885.8 mV	906.0 mV
400 kHz	896.2 mV	887.1 mV	905.4 mV
420 kHz	895.6 mV	886.4 mV	907.2 mV
440 kHz	895.6 mV	887.7 mV	906.0 mV
460 kHz	896.2 mV	886.4 mV	906.0 mV
480 kHz	896.2 mV	886.4 mV	905.4 mV



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 1 kHz

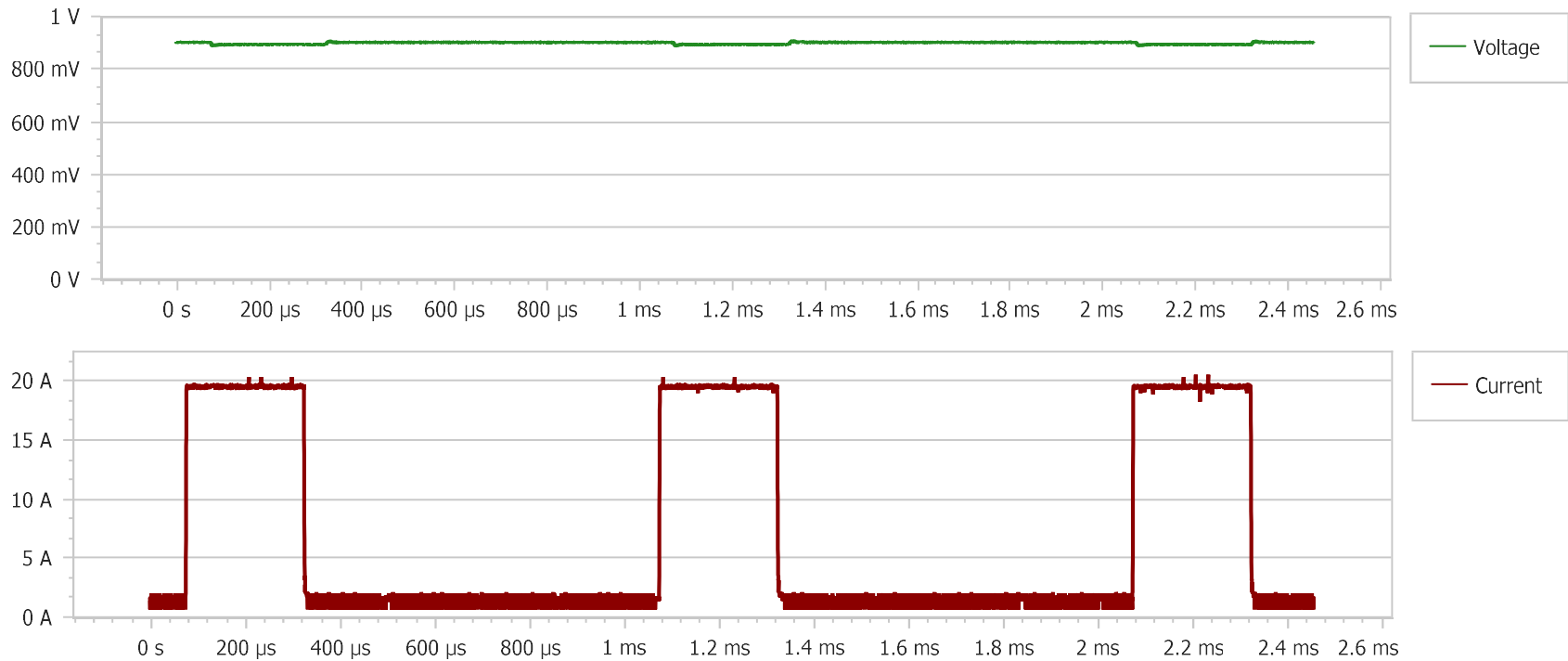
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 2 kHz

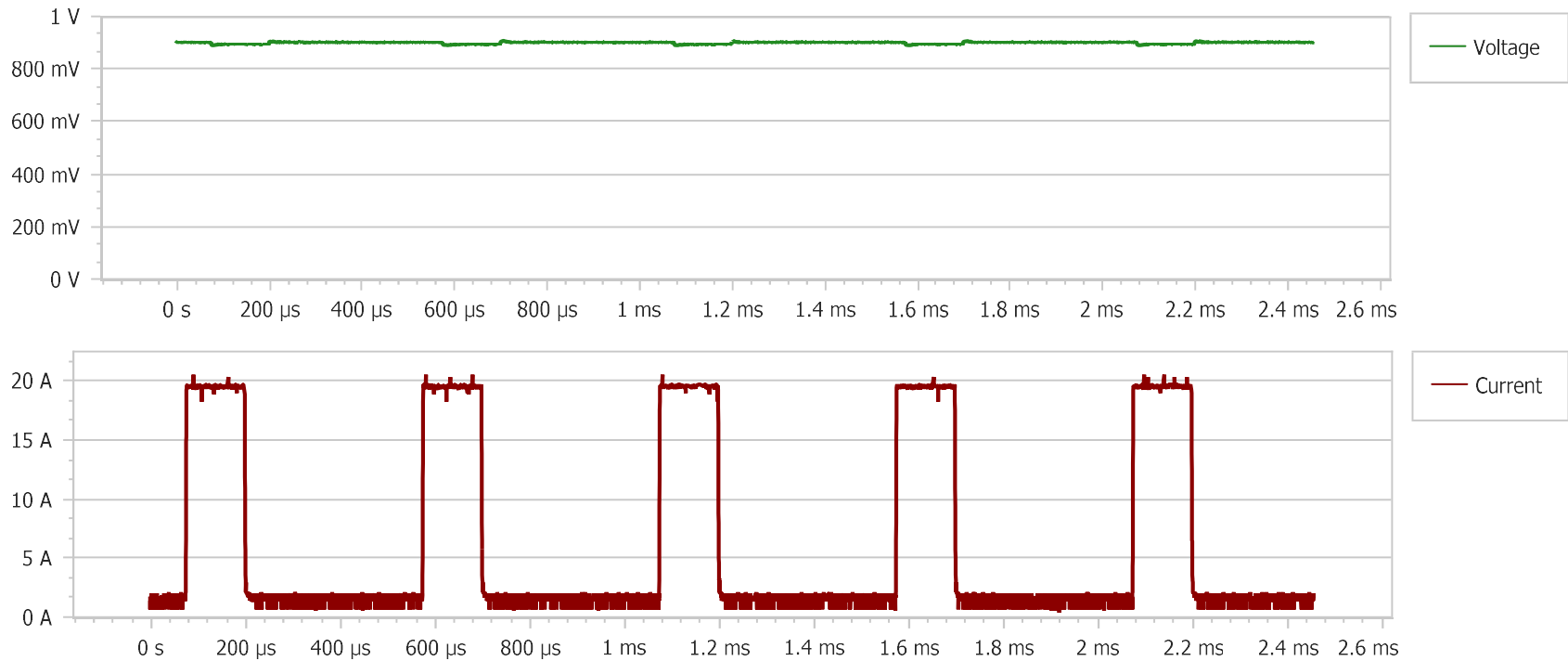
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

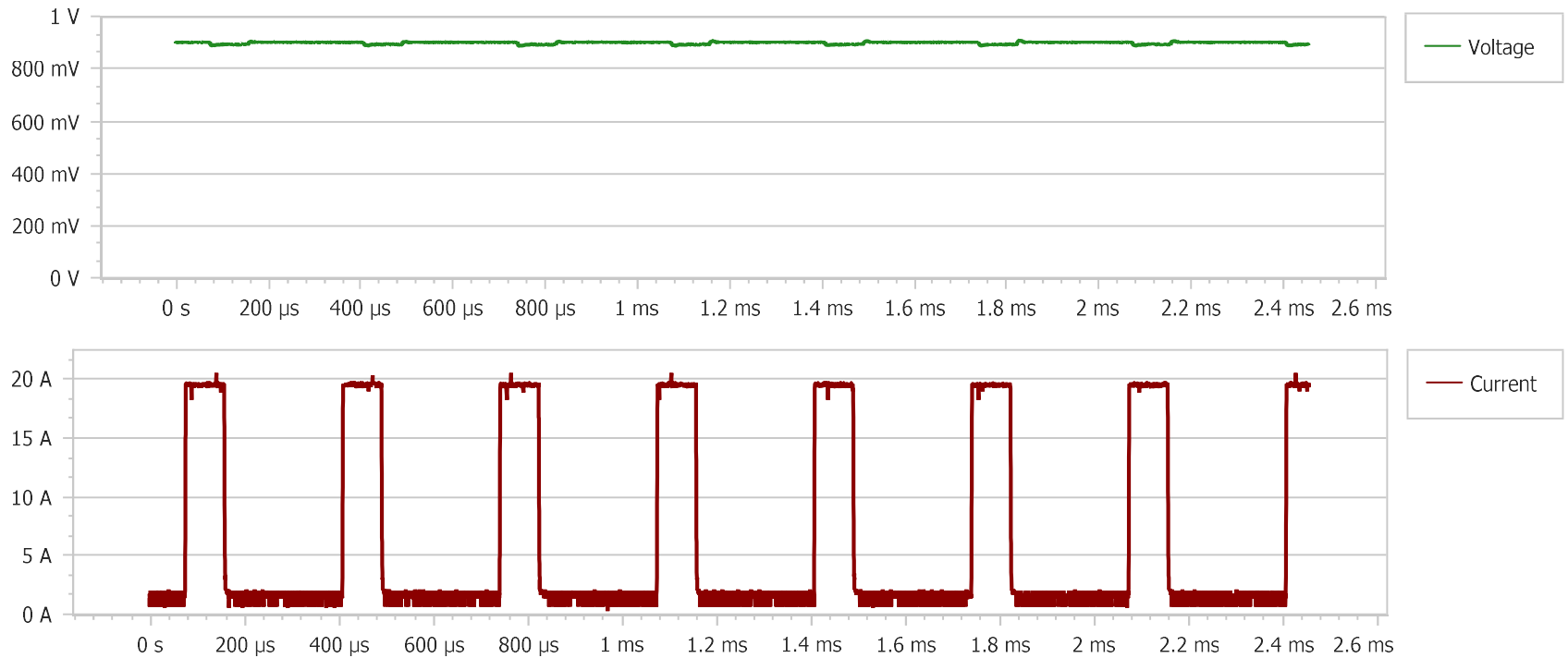
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 4 kHz

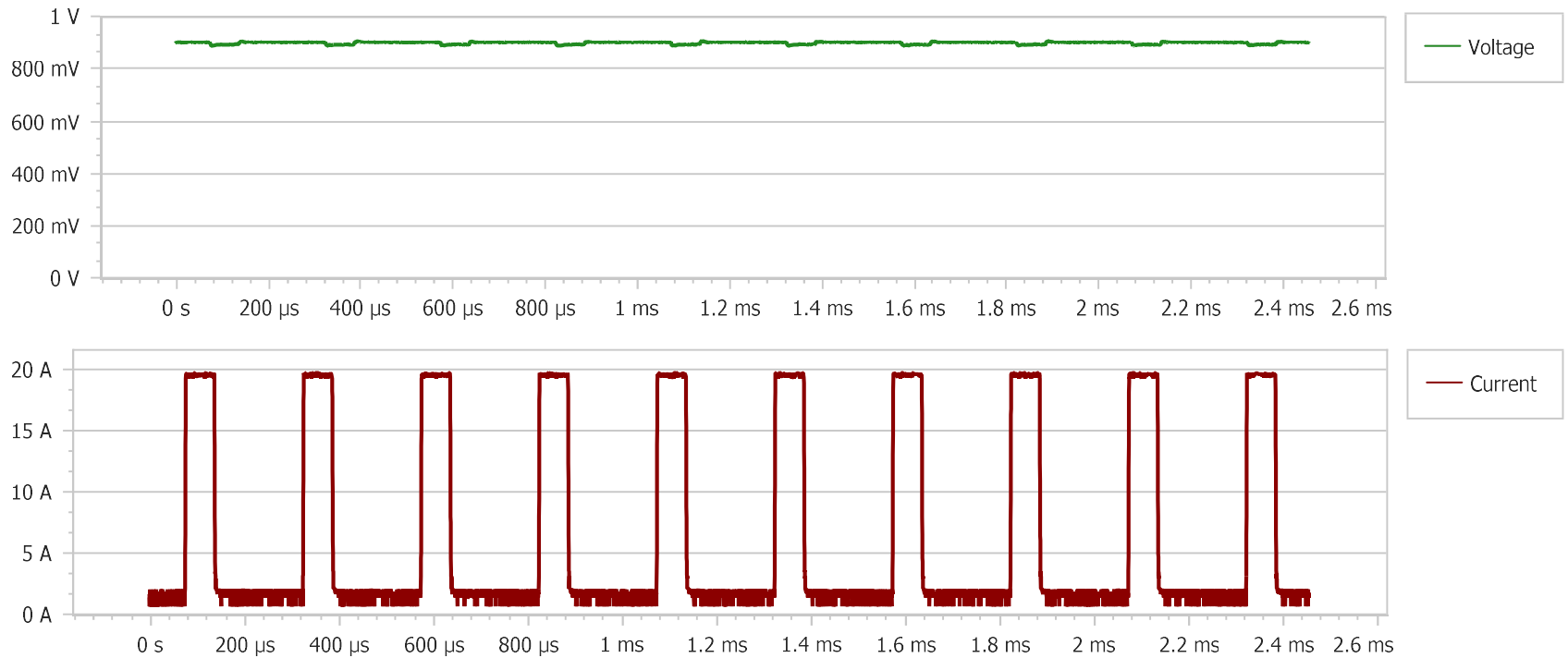
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

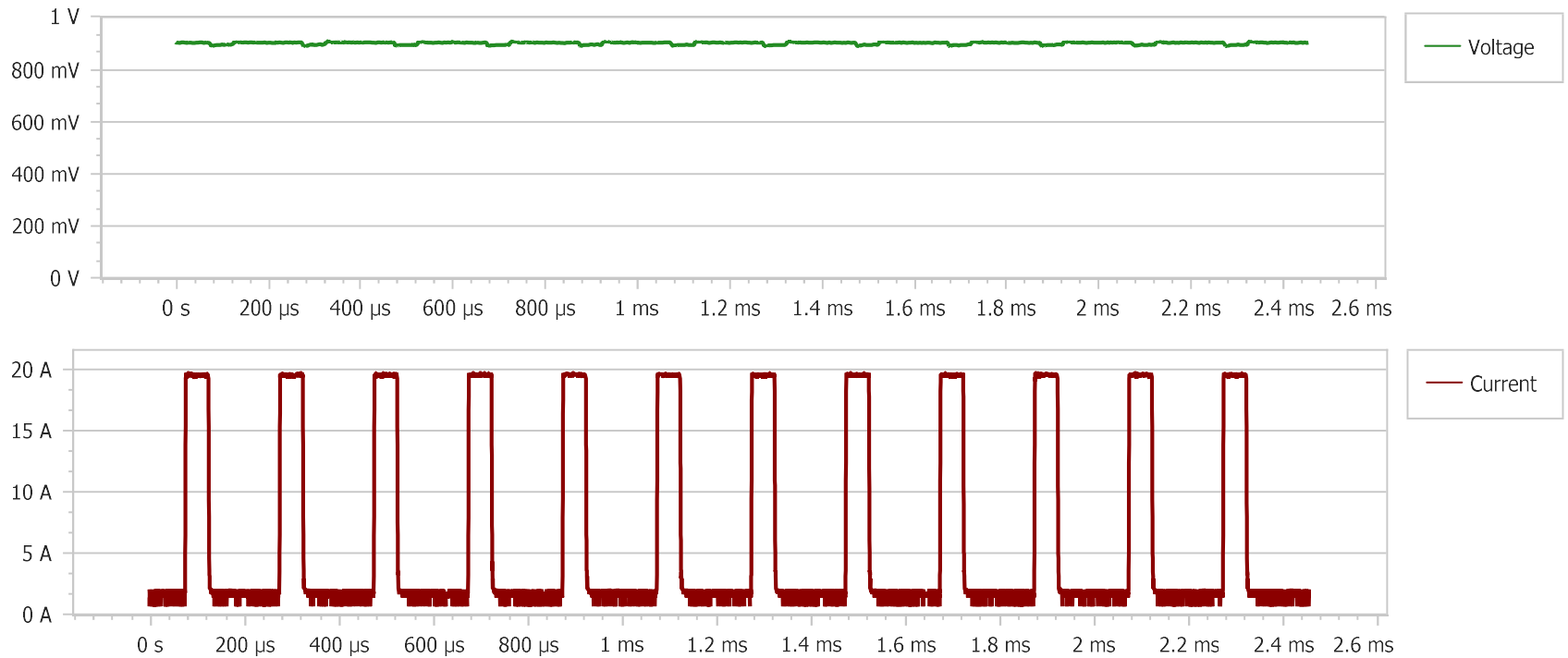
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 7 kHz

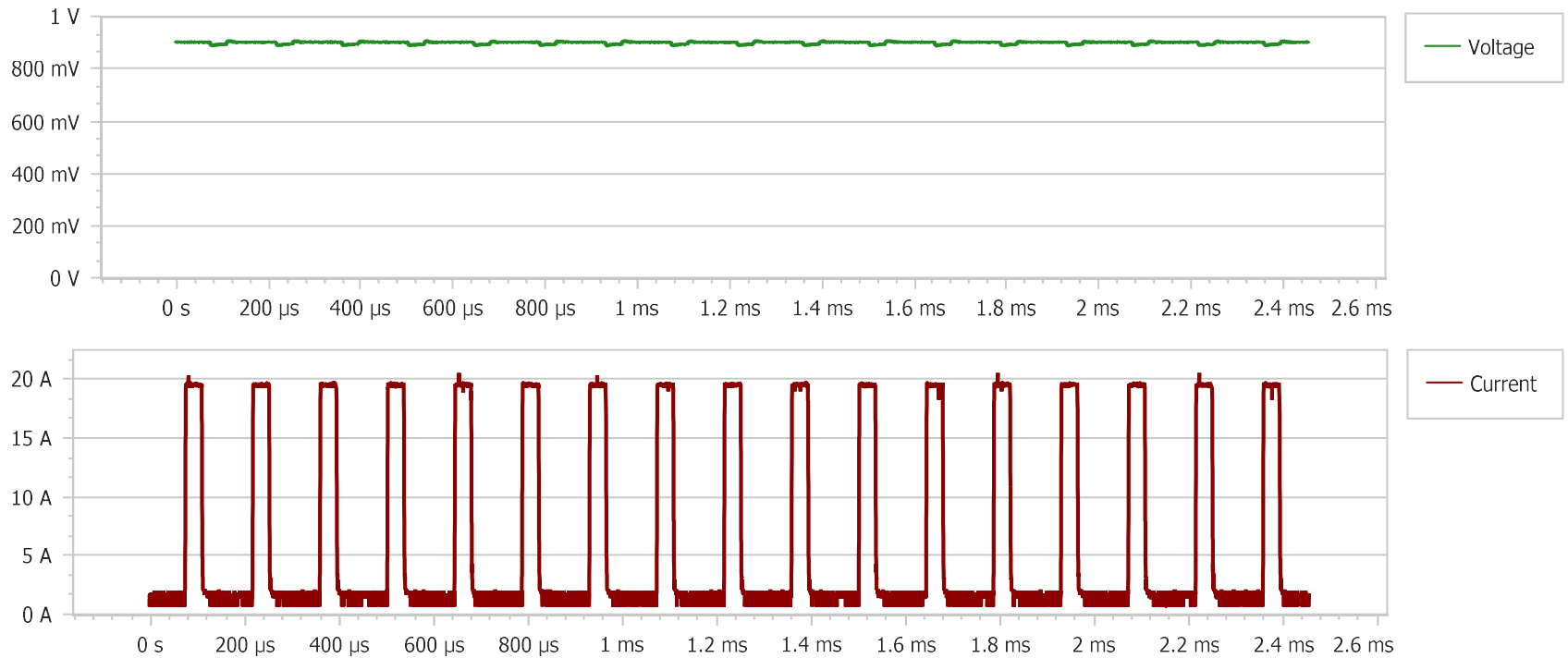
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 8 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 9 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

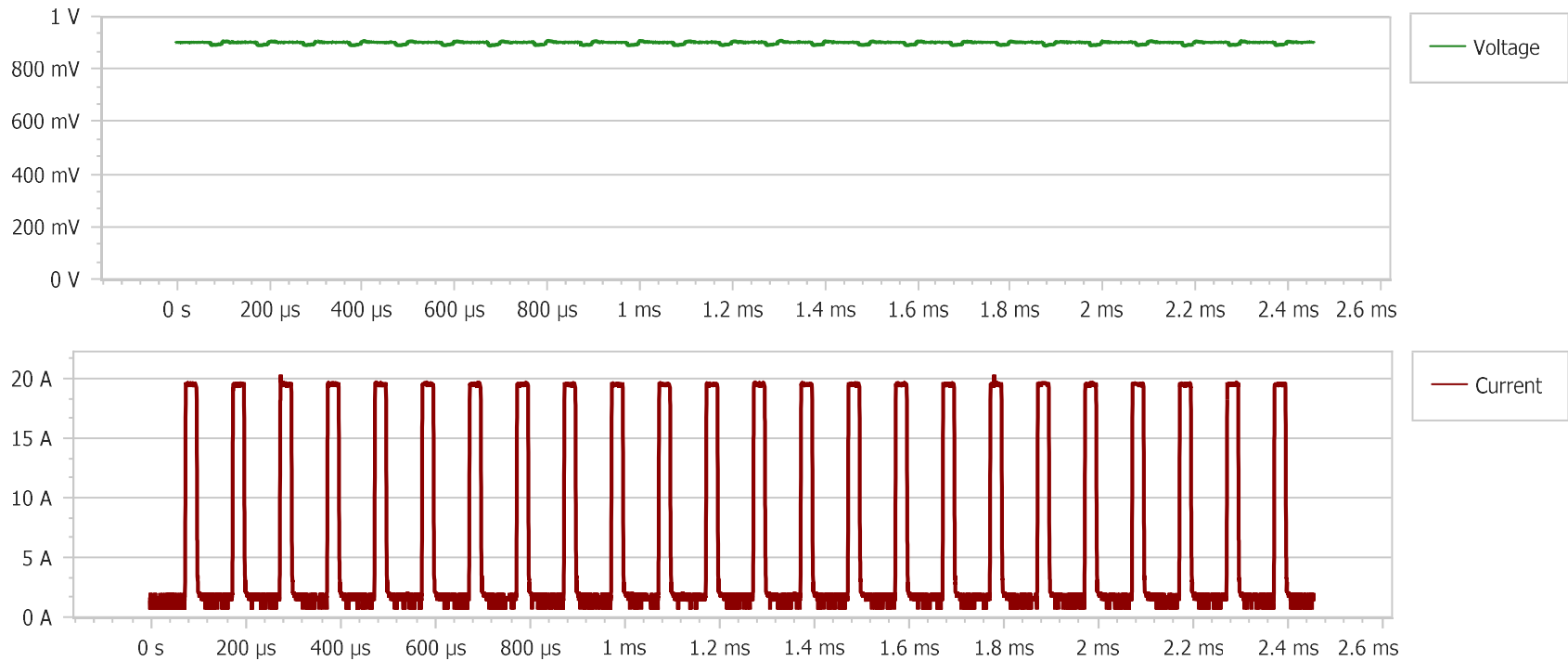
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 20 kHz

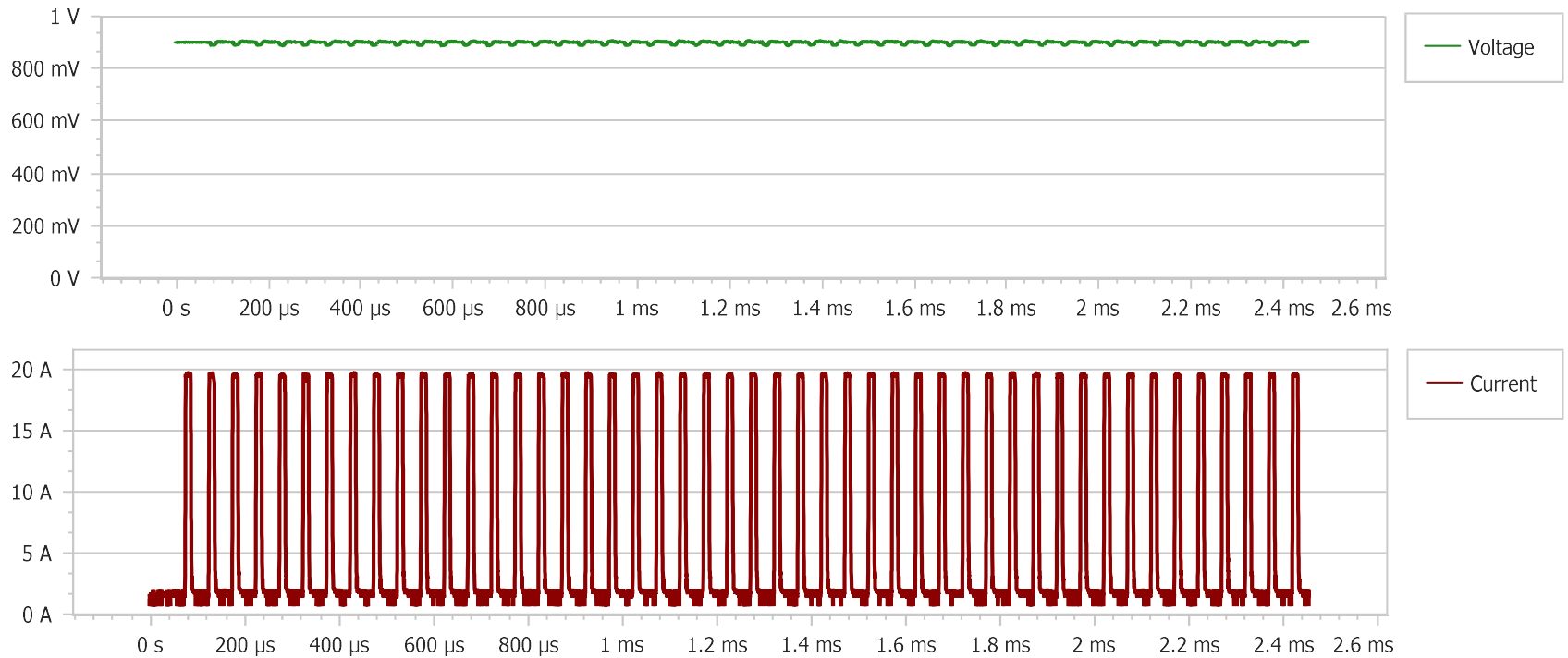
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

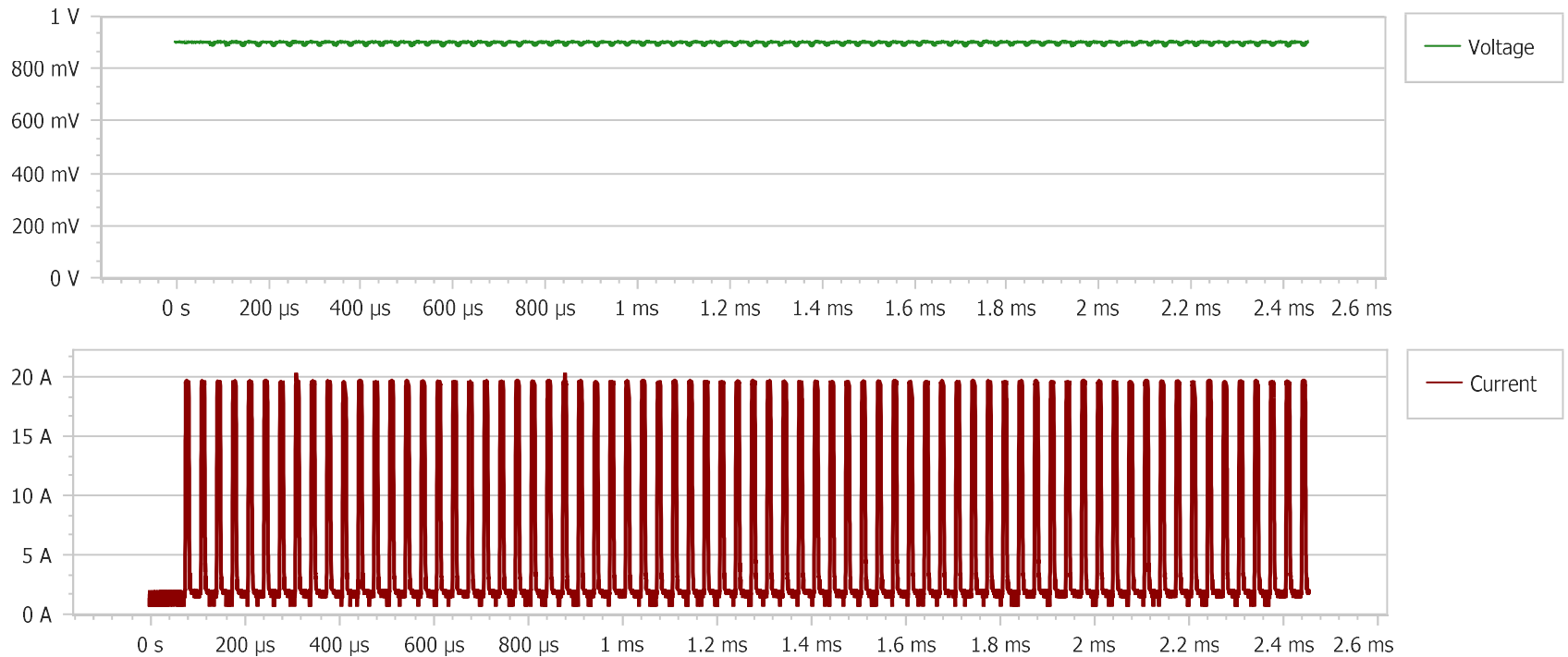
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

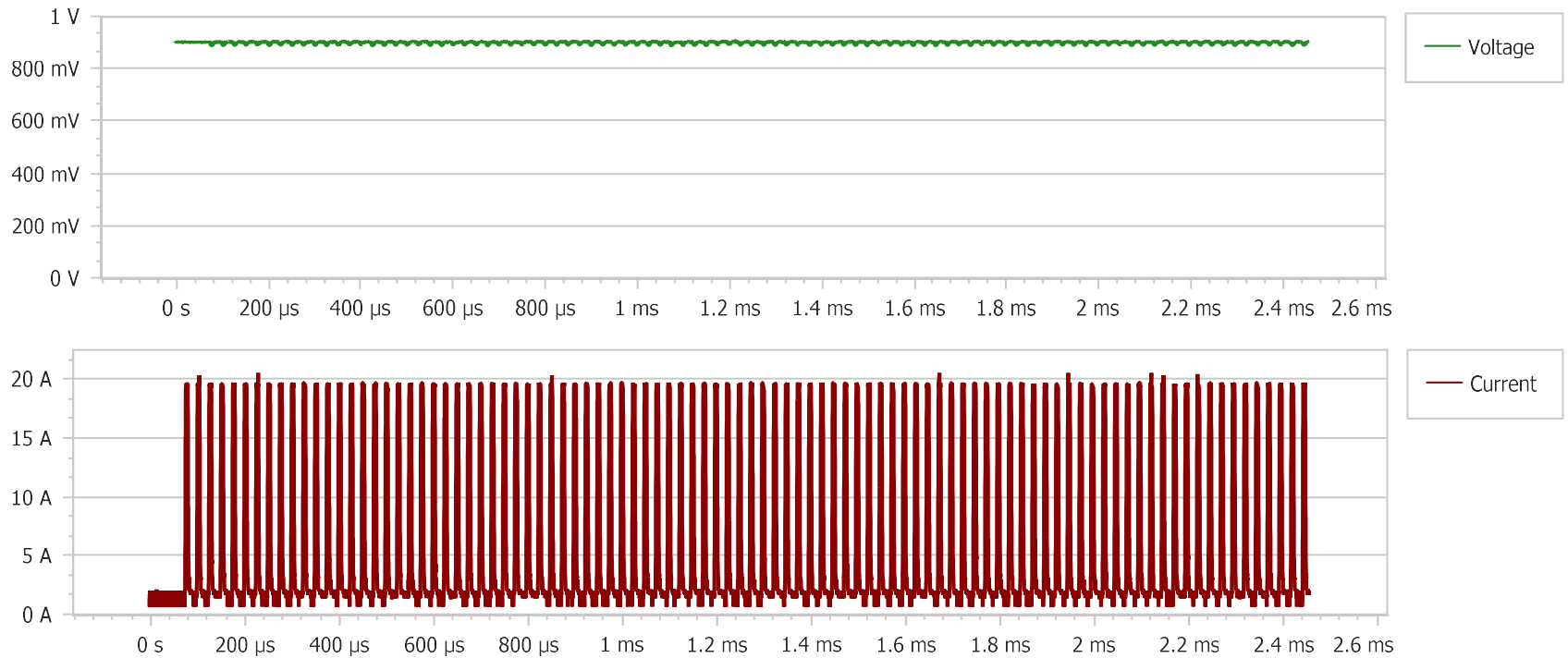
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

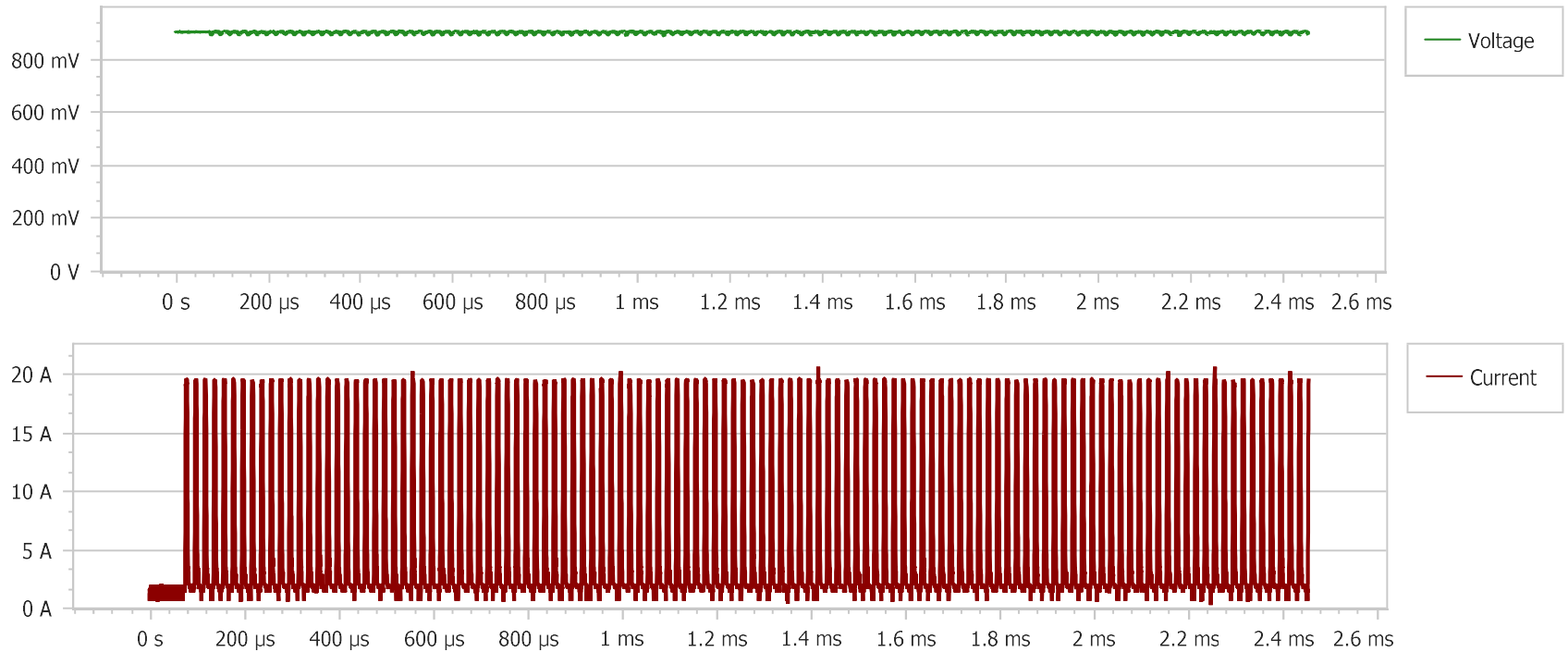
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

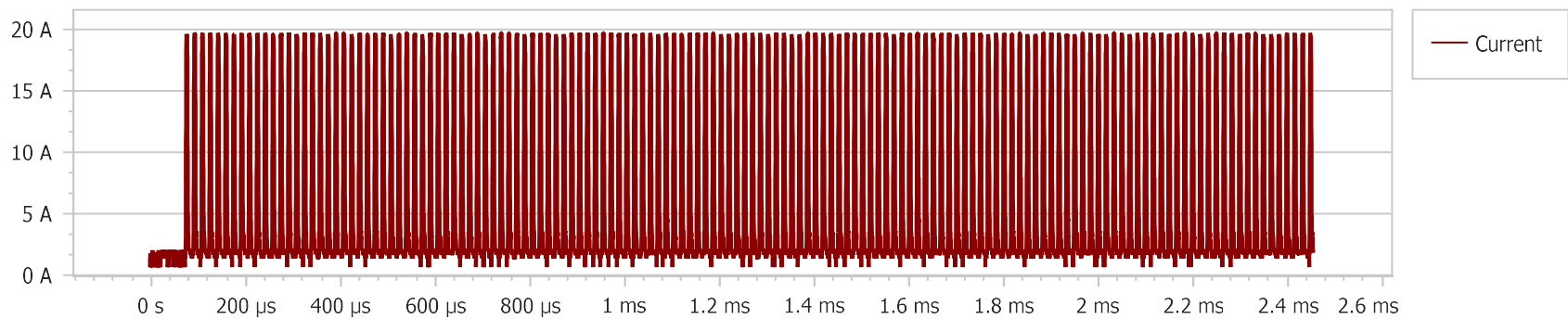
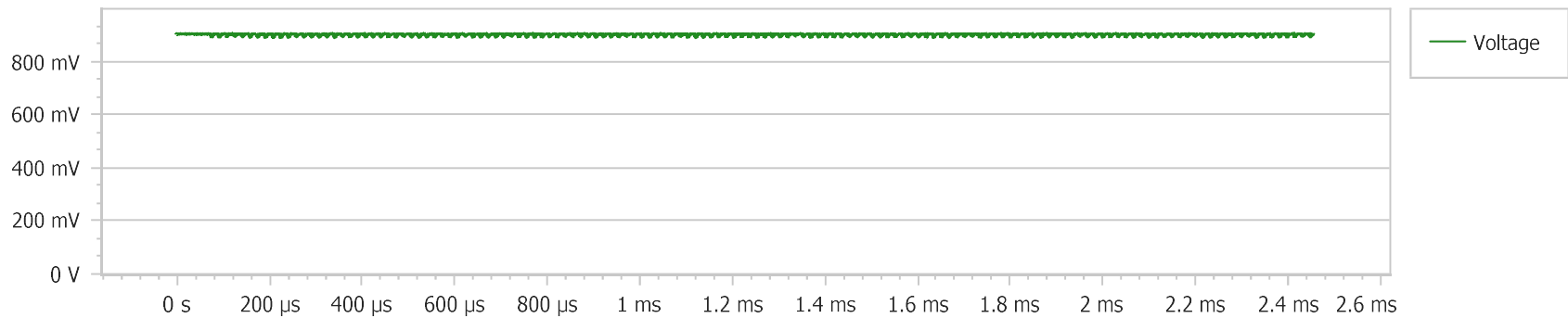
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

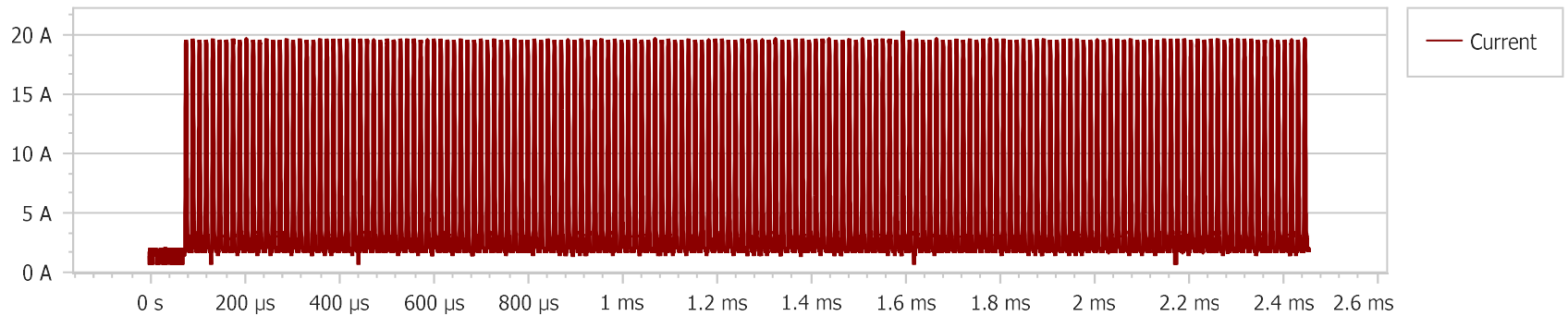
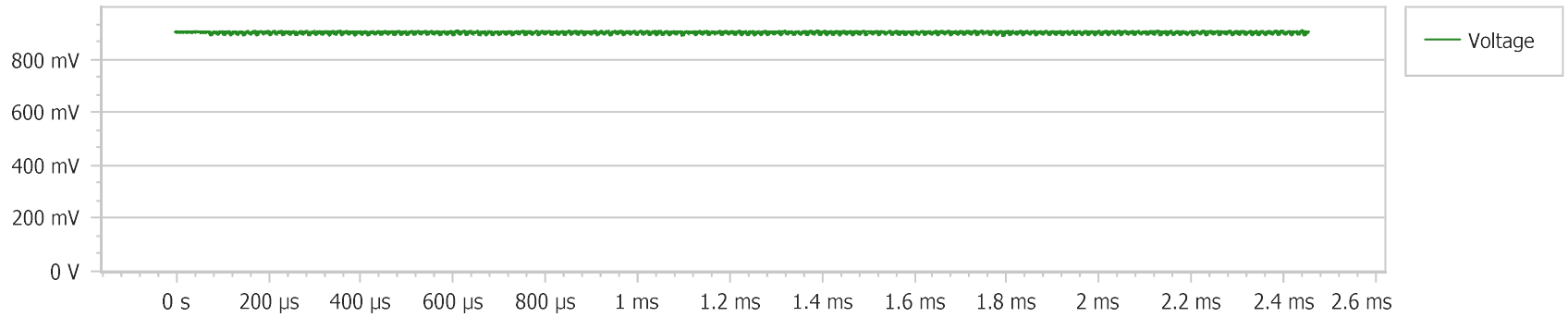
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

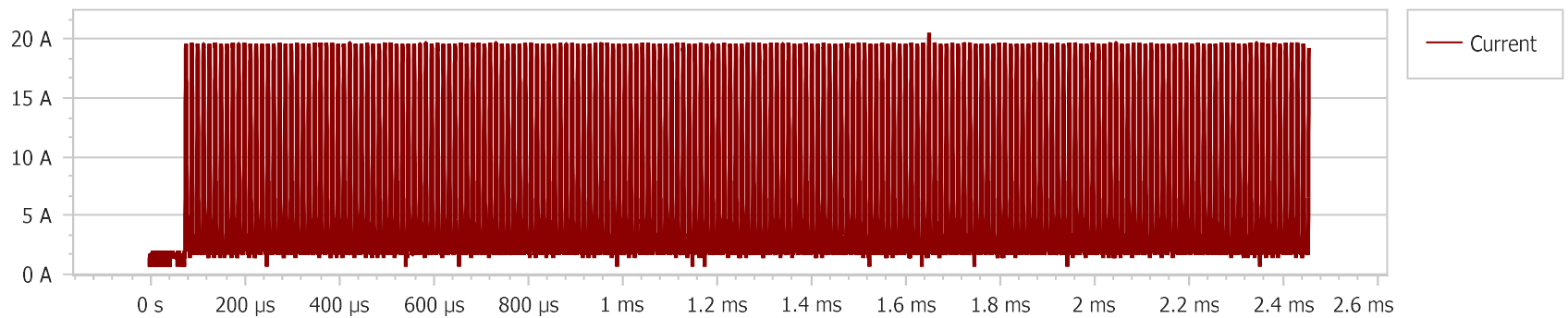
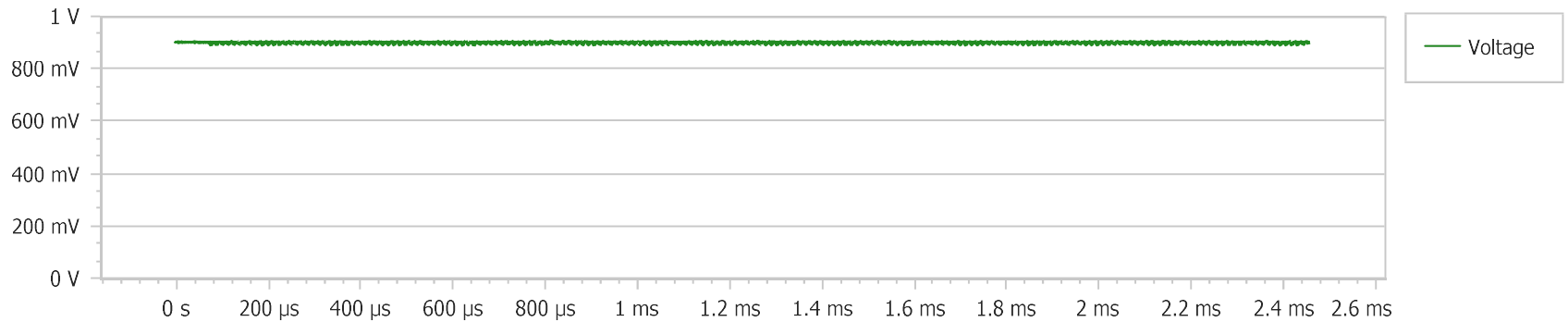
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 90 kHz

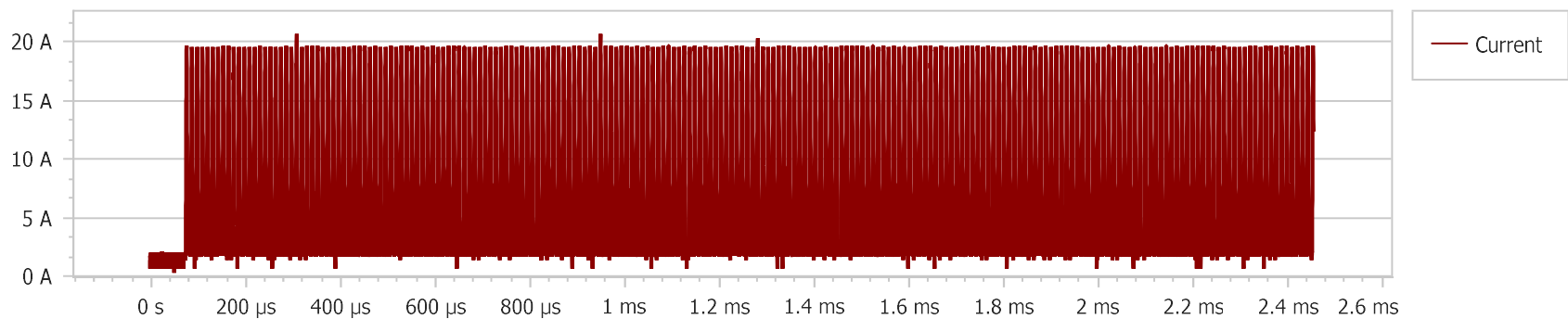
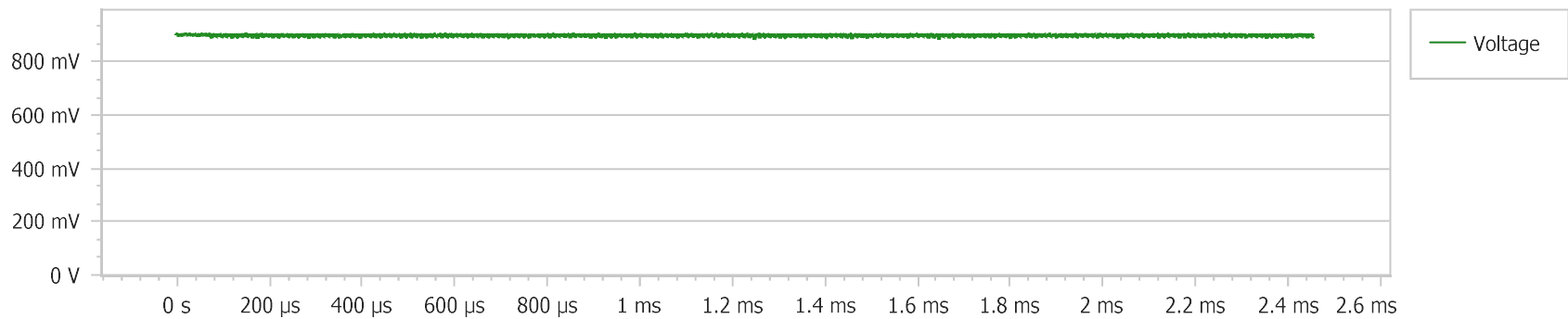
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 100 kHz

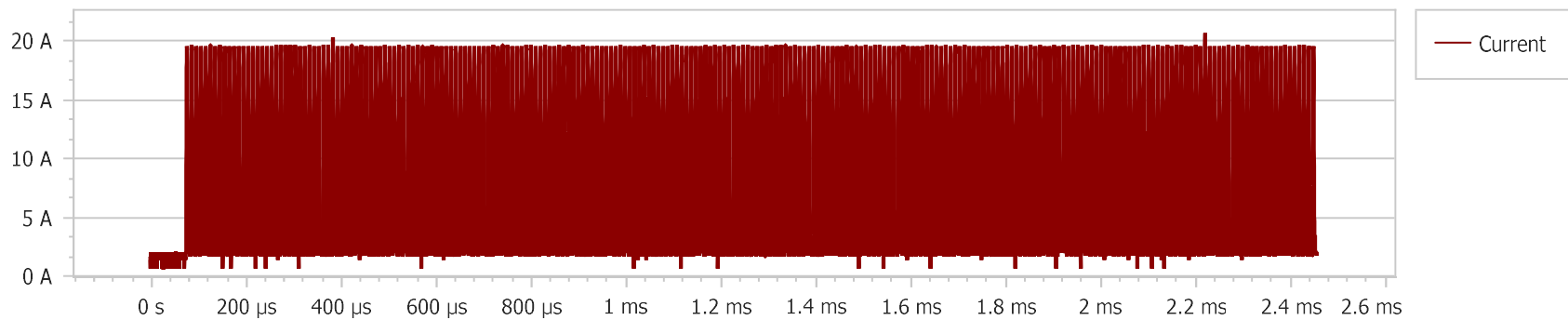
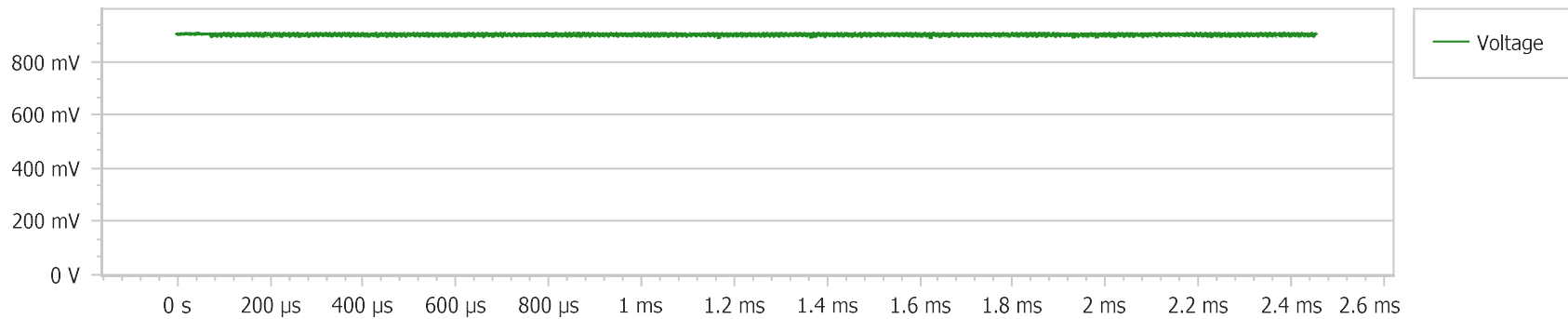
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 120 kHz

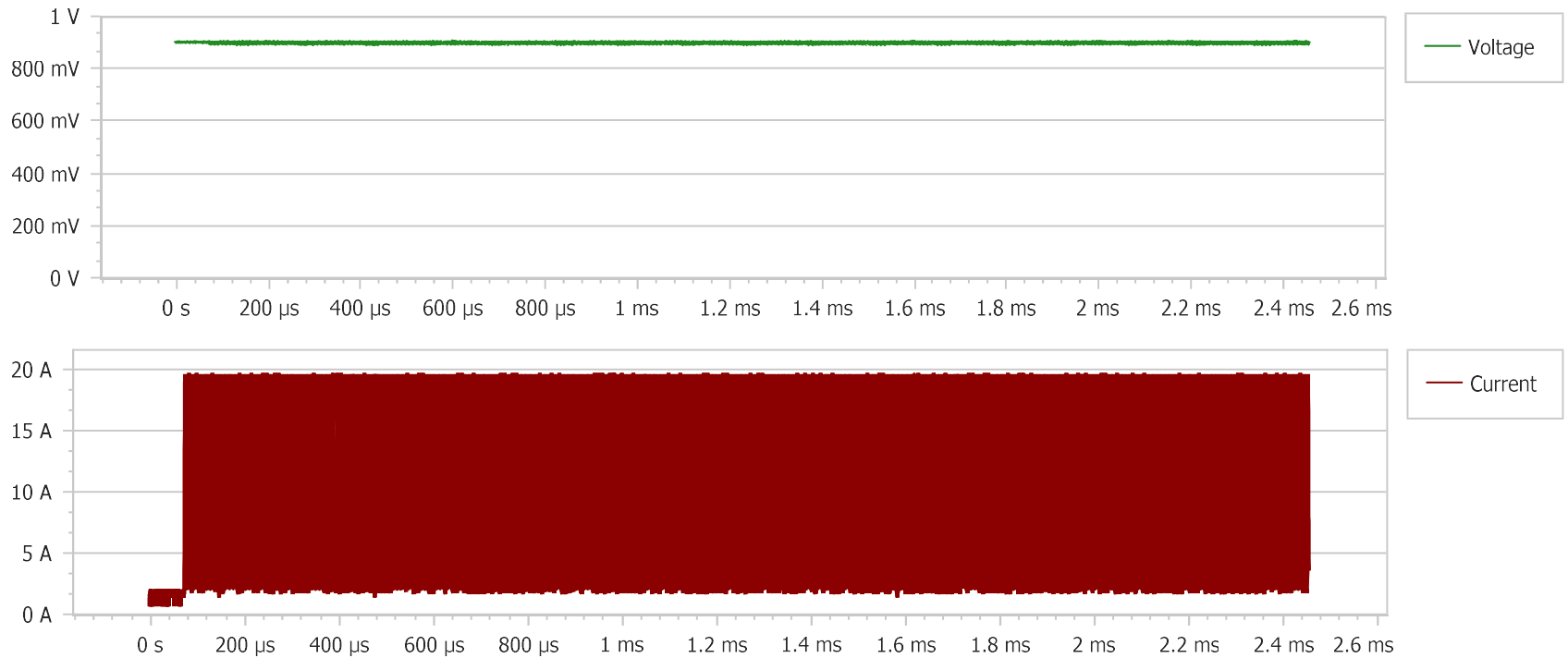
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 140 kHz

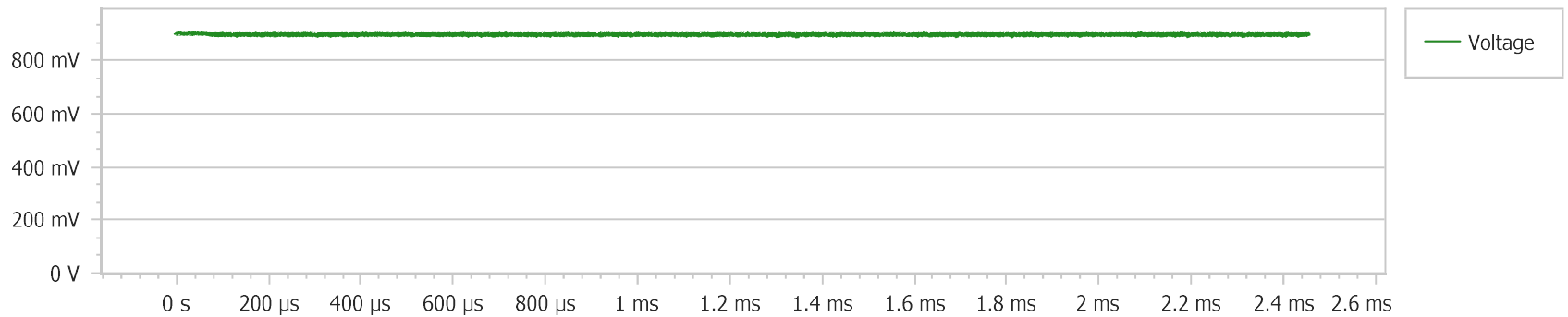
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 160 kHz

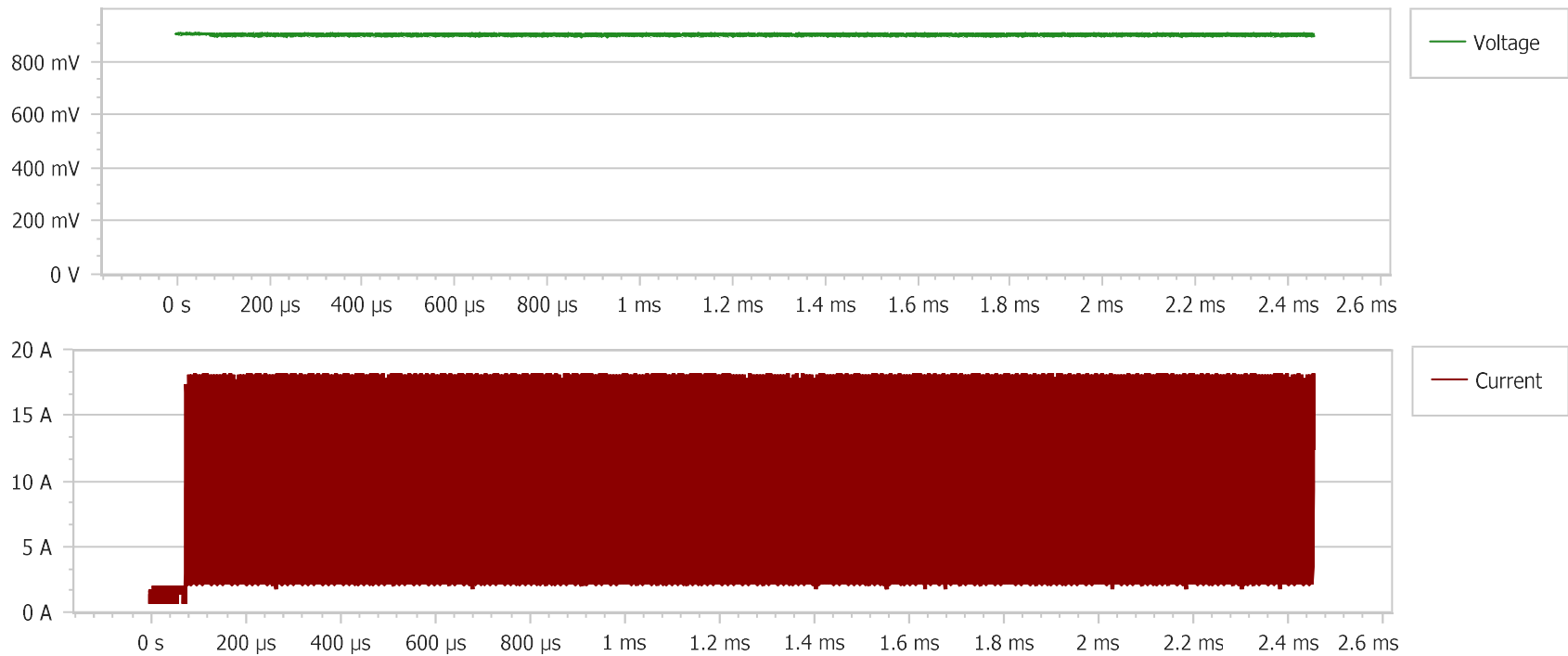
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 180 kHz

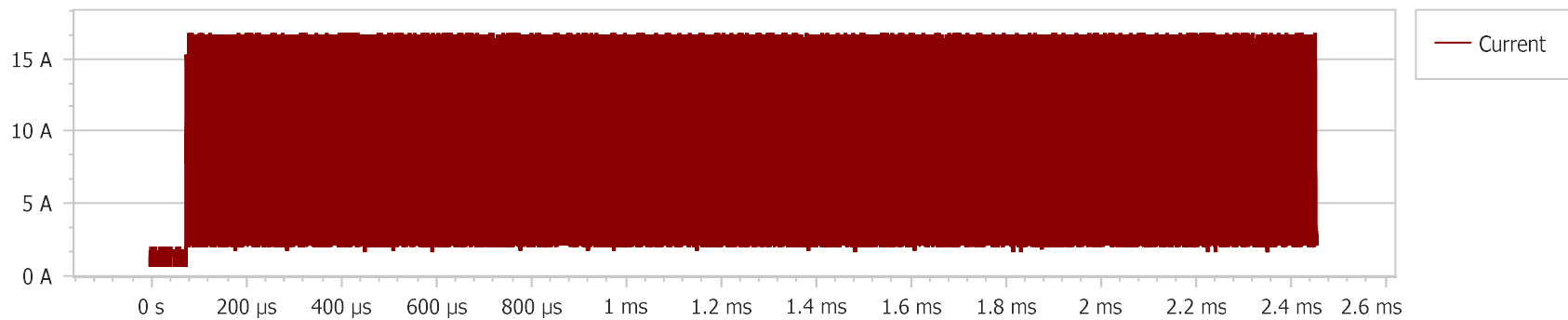
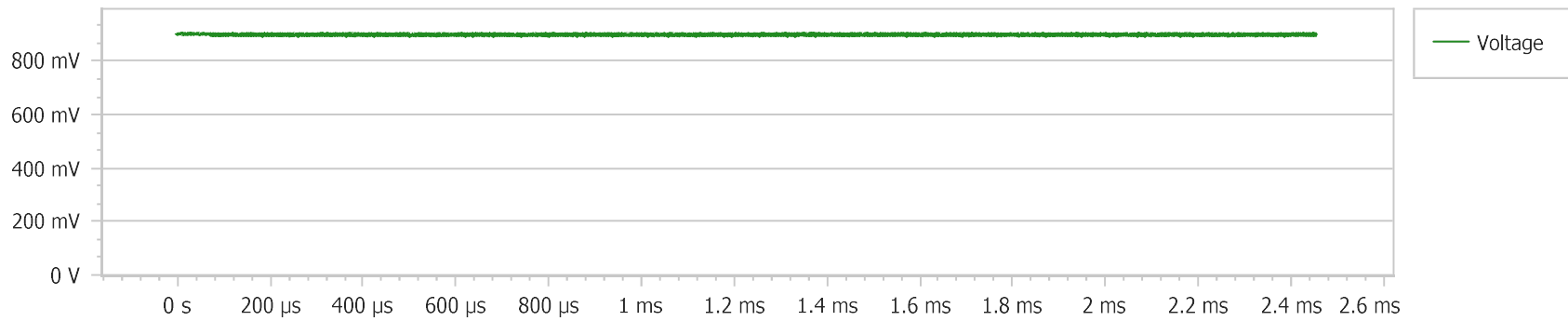
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 200 kHz

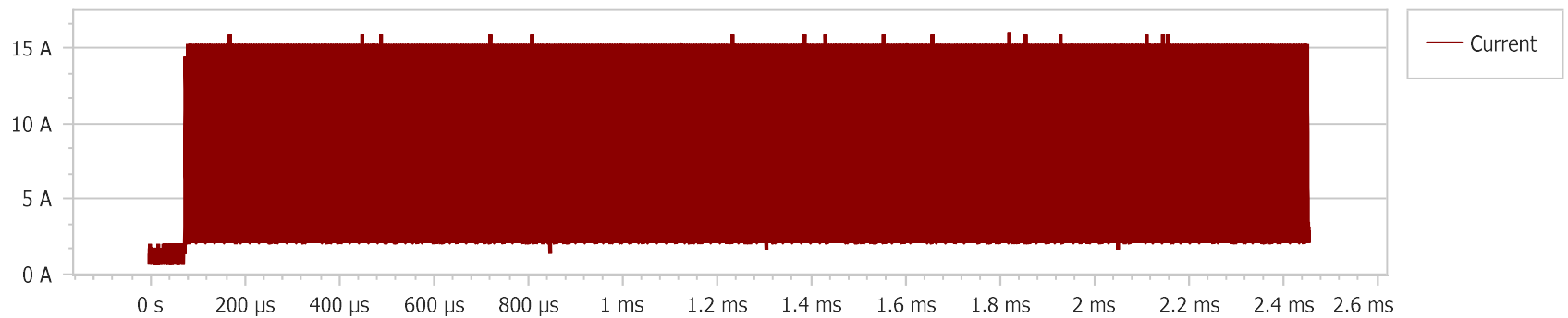
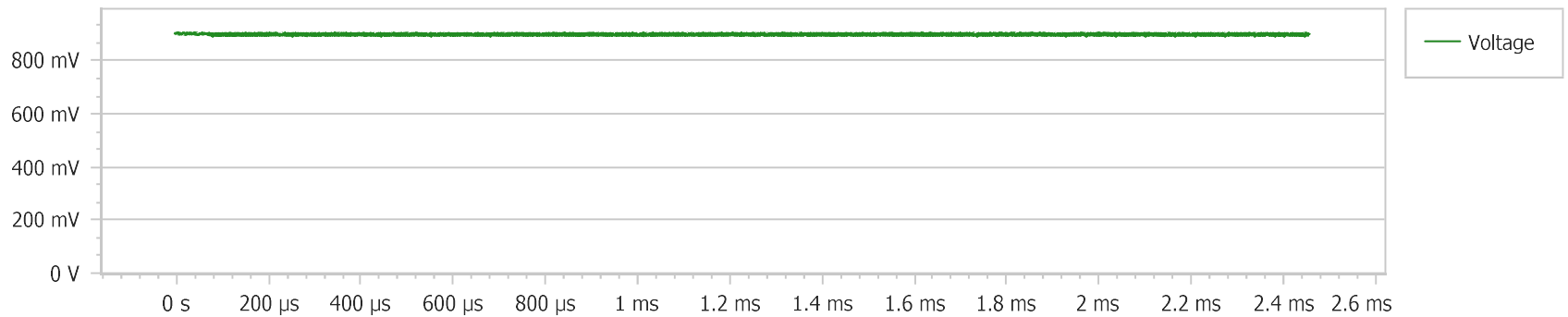
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 220 kHz

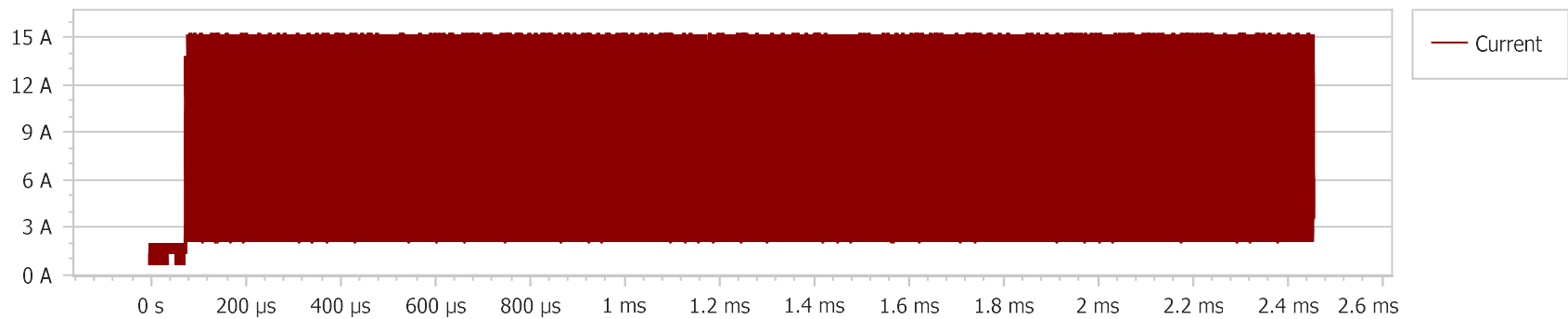
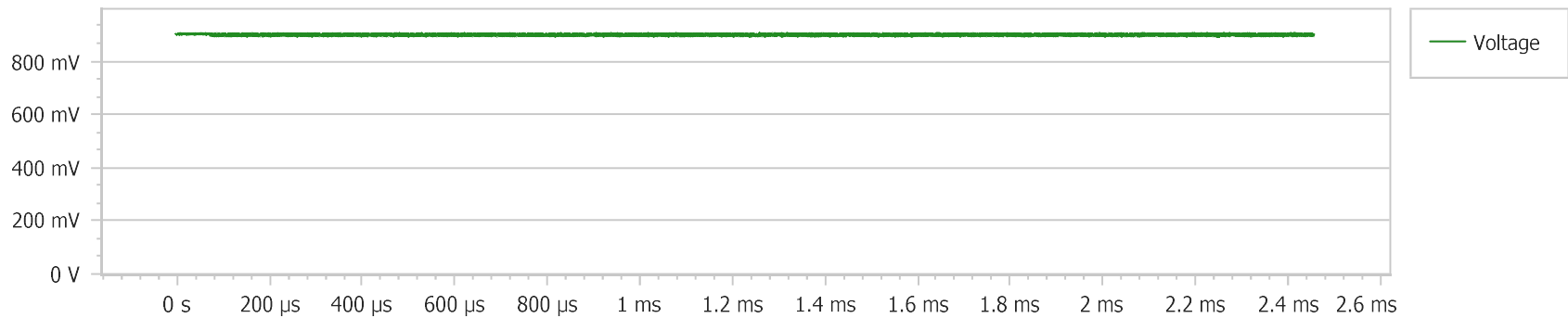
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

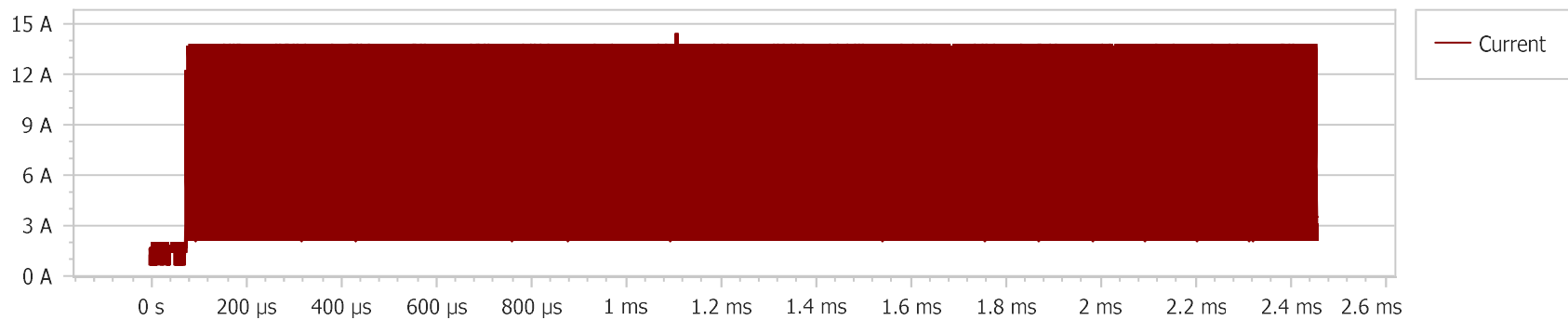
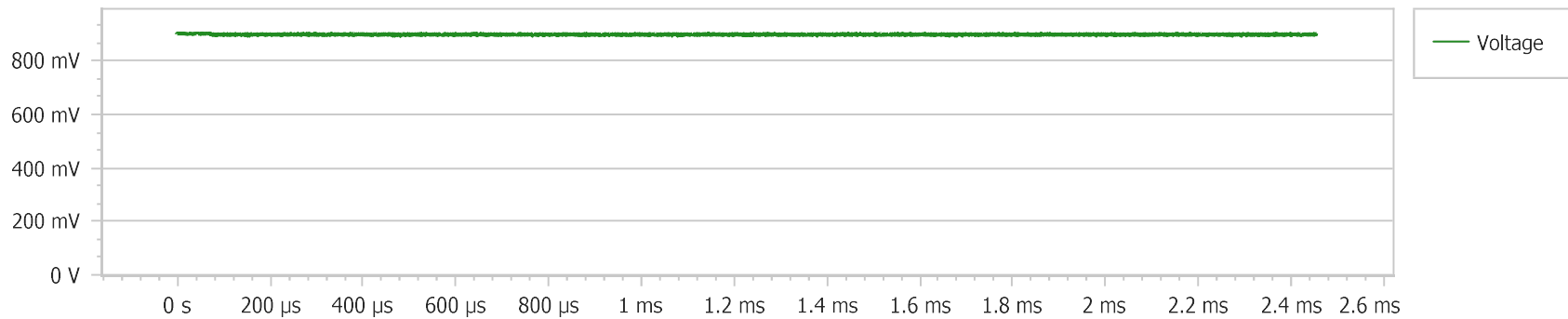
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 260 kHz

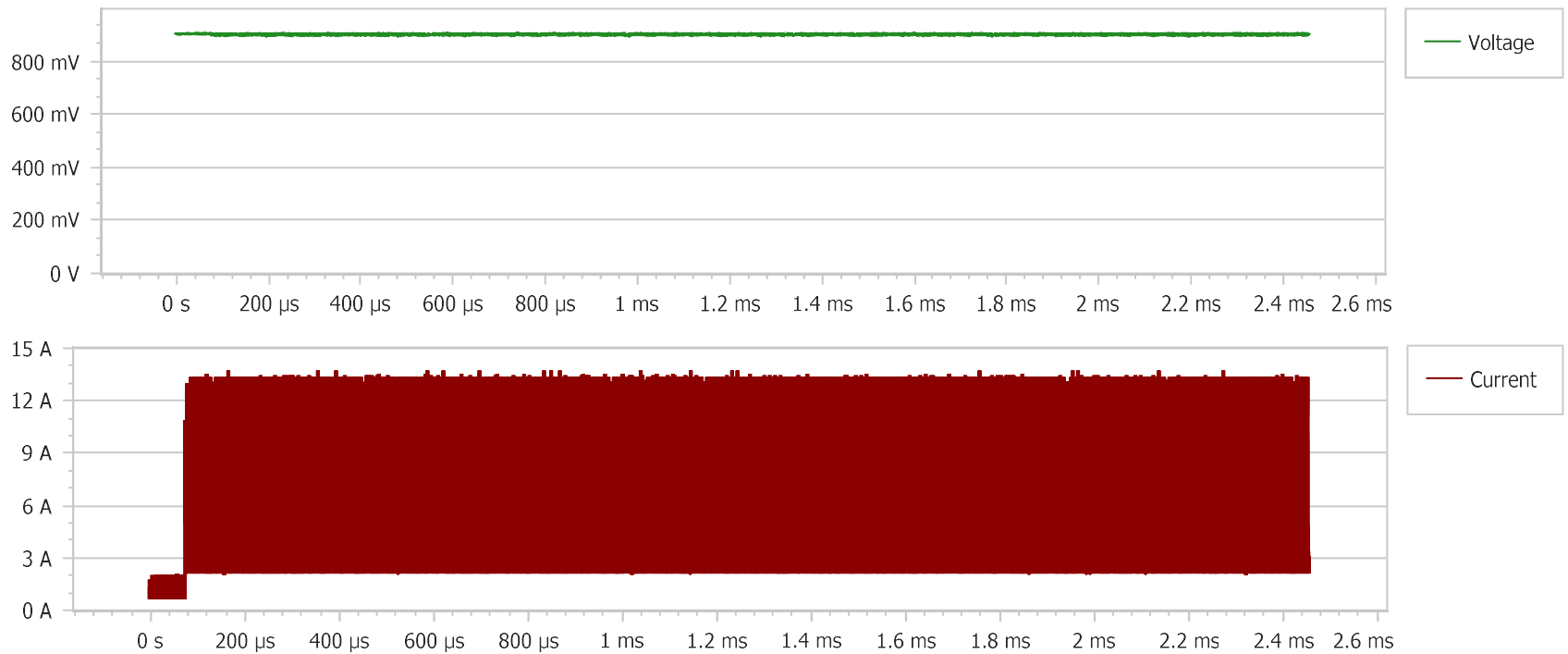
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 280 kHz

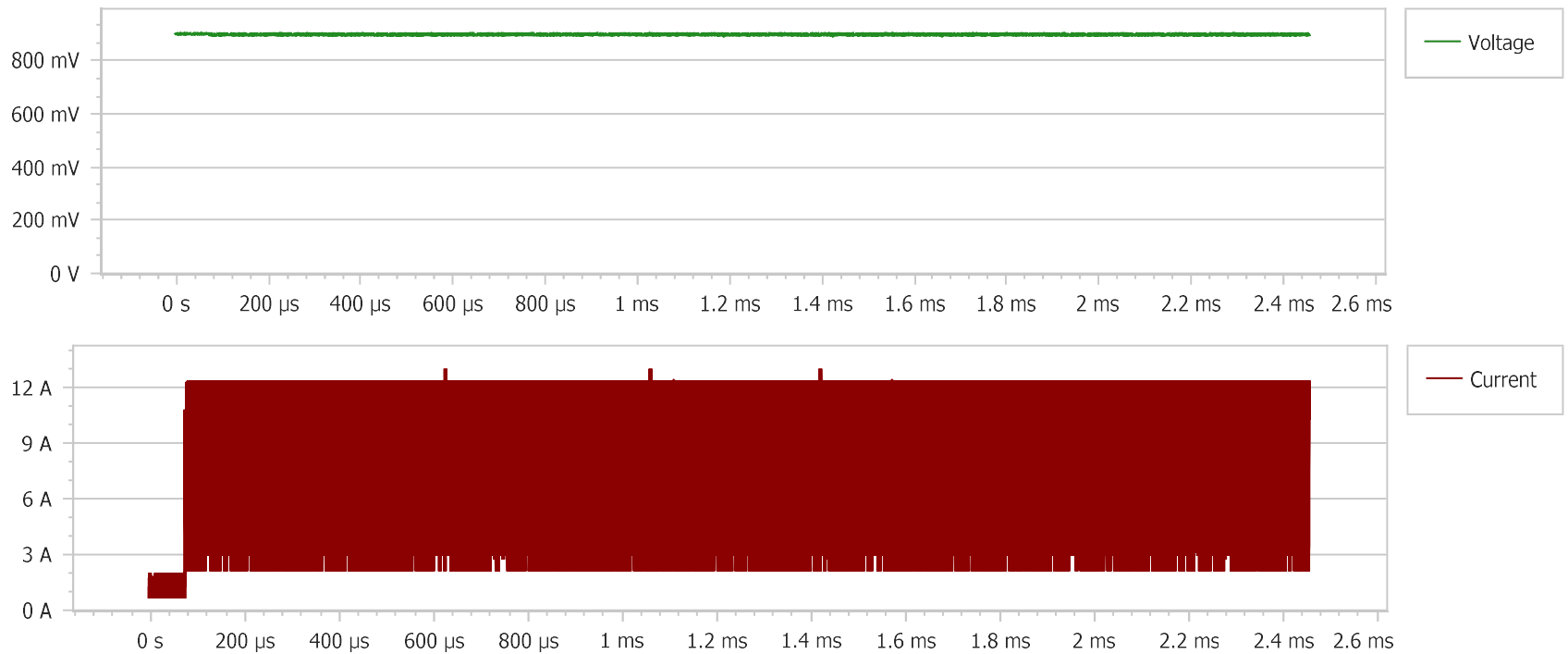
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

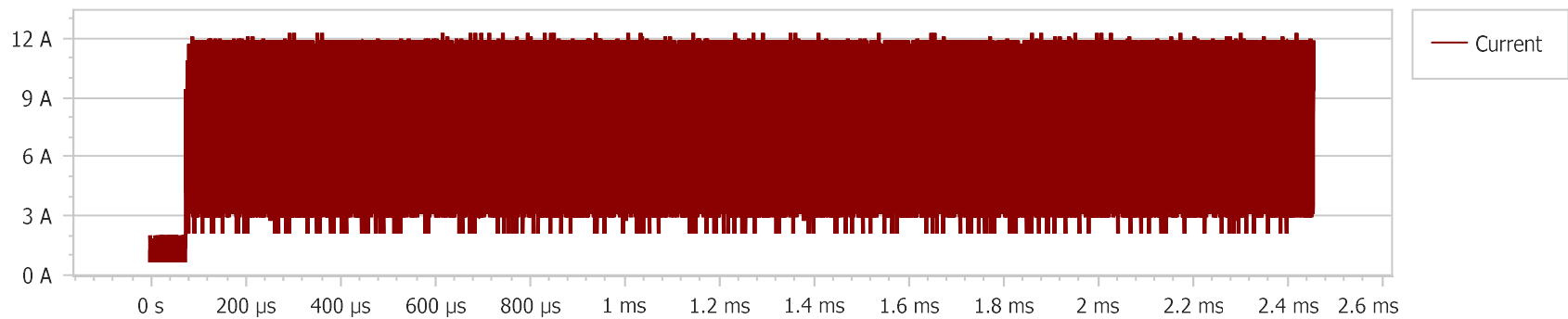
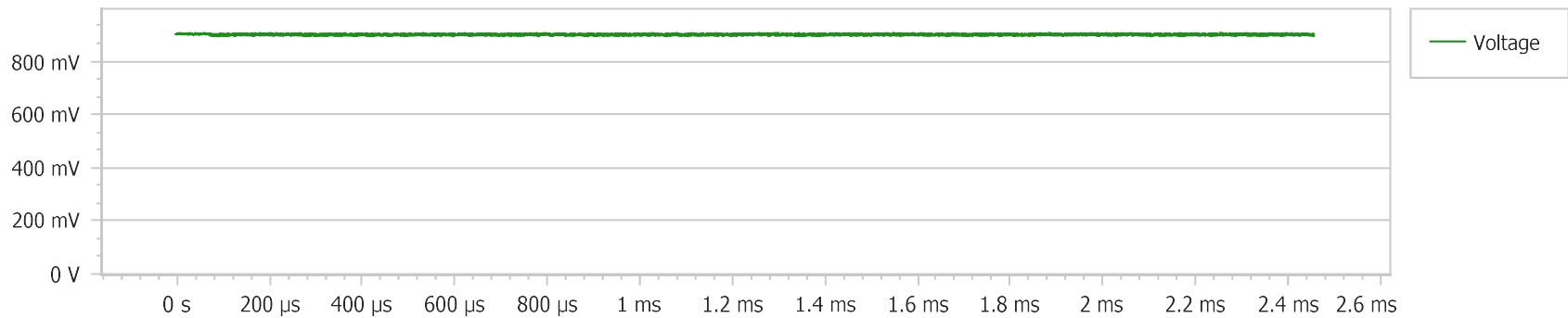
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 320 kHz

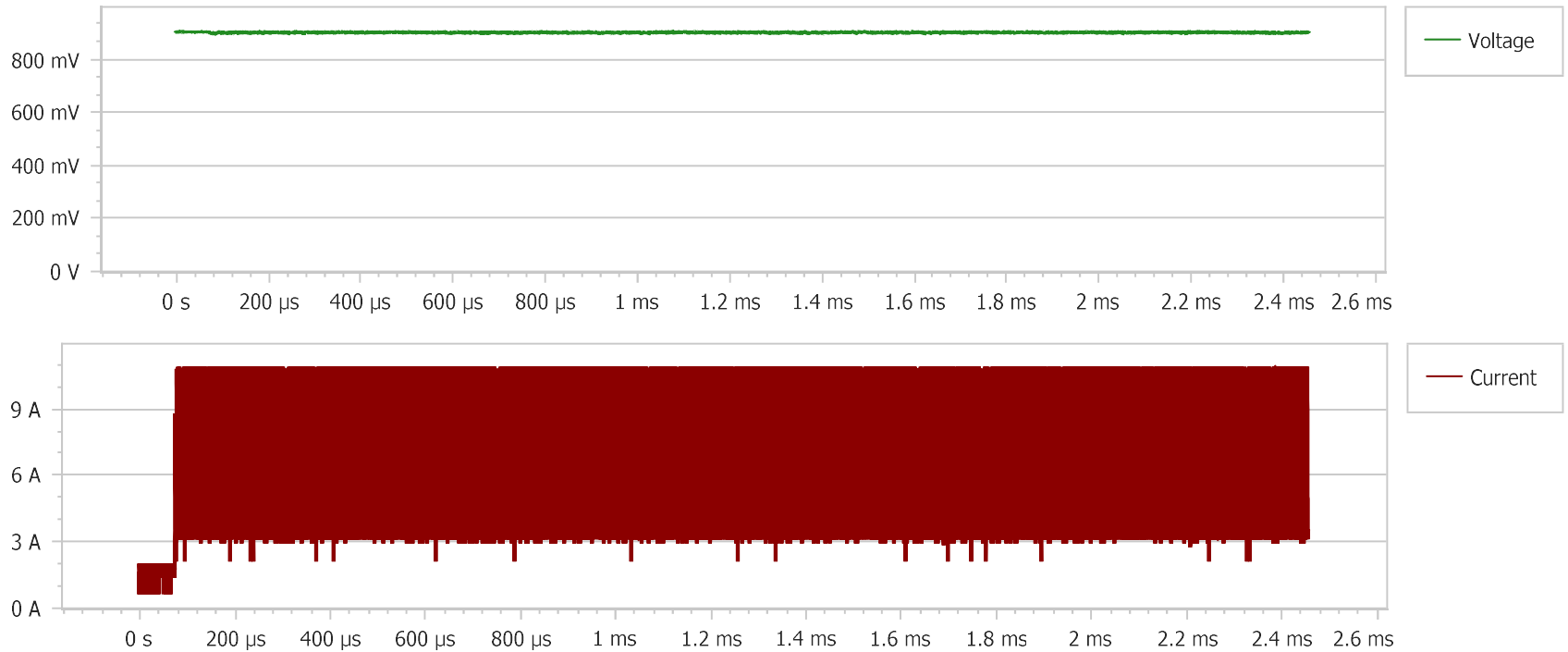
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

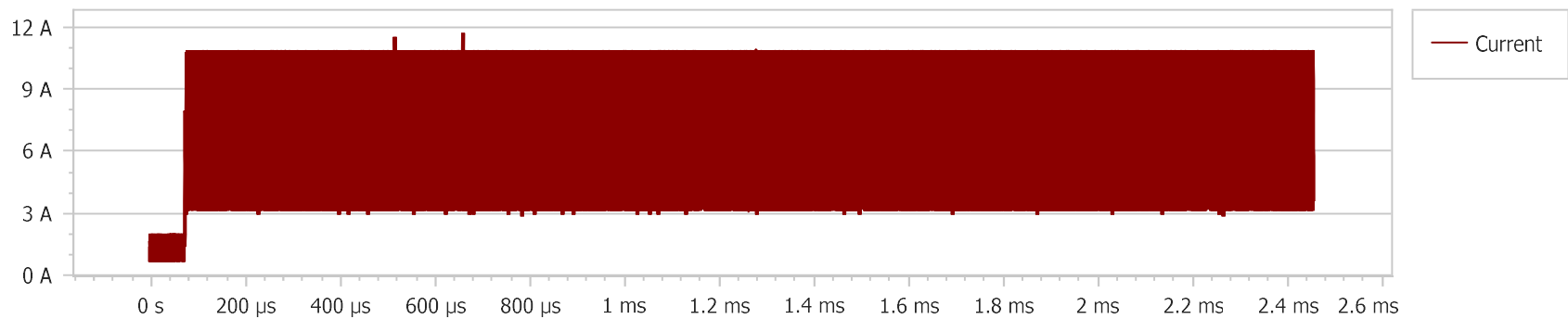
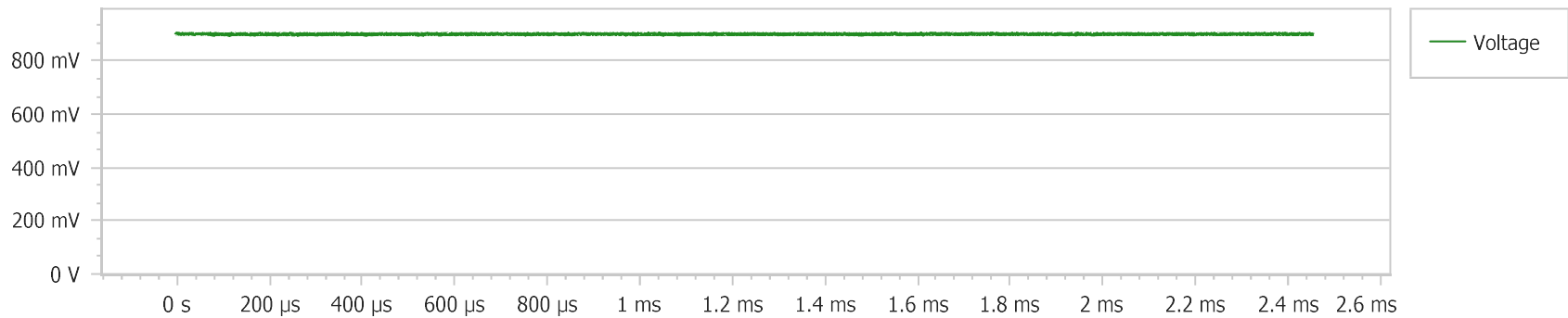
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

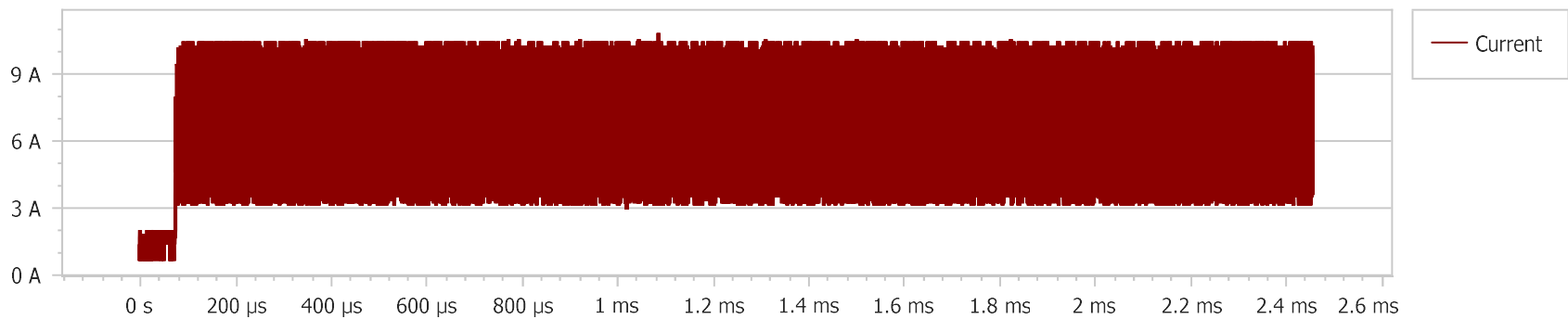
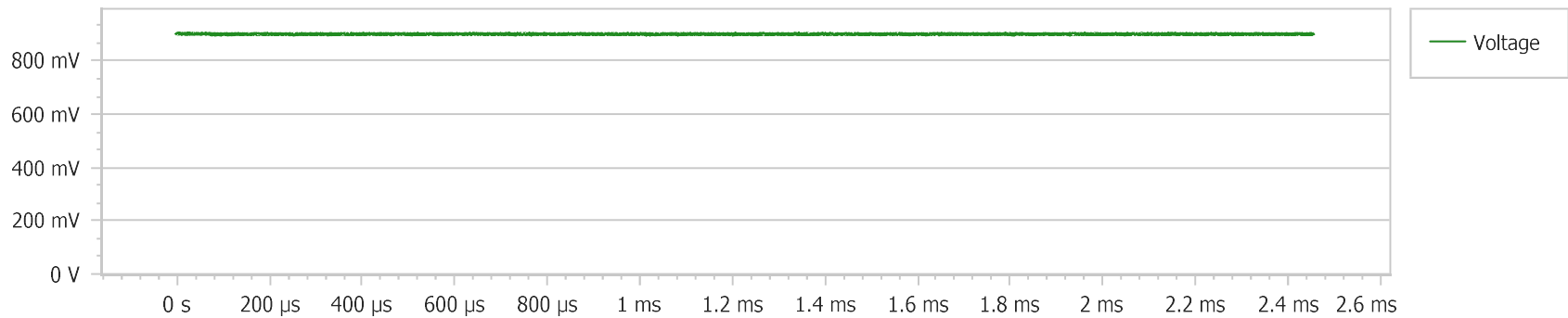
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

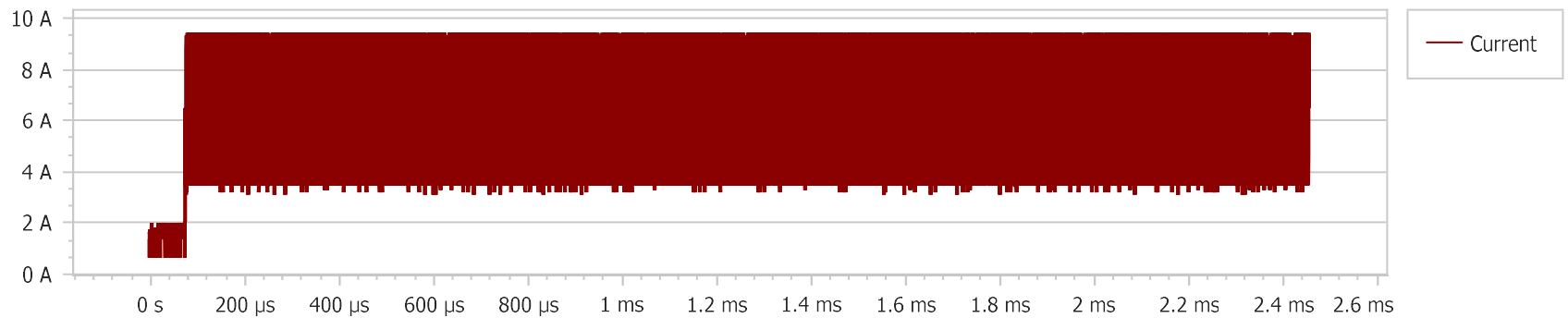
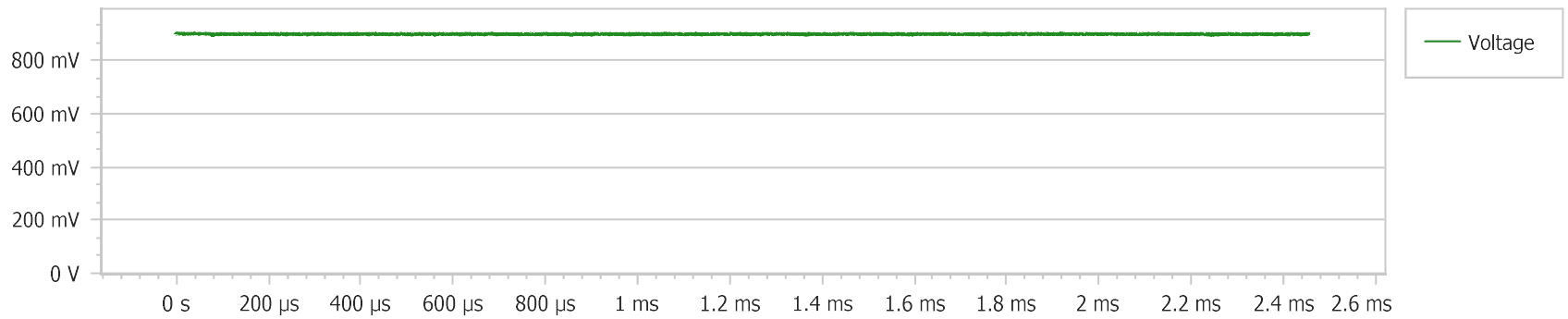
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

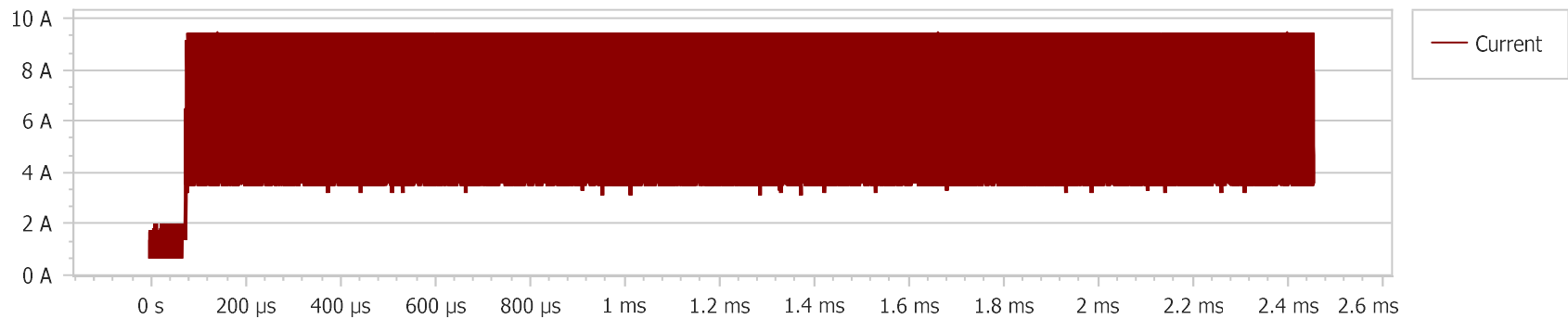
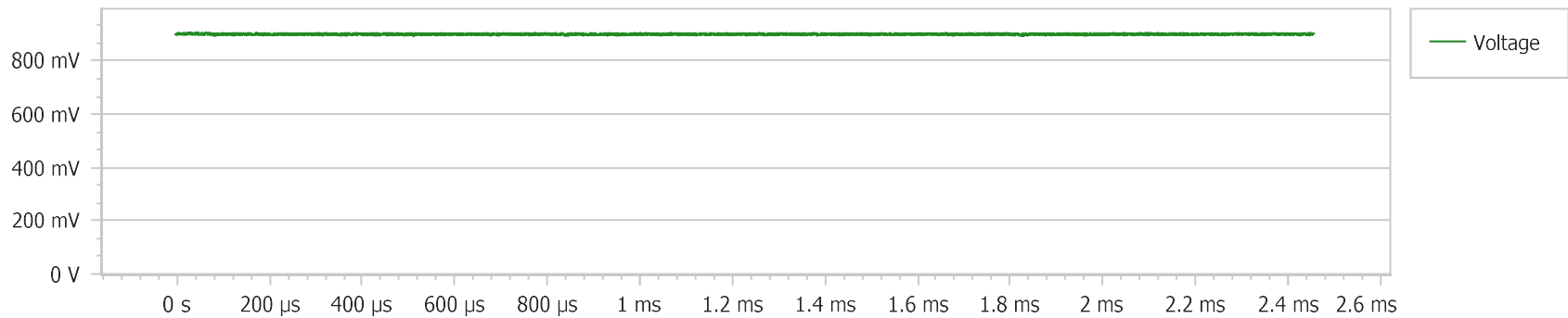
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 420 kHz

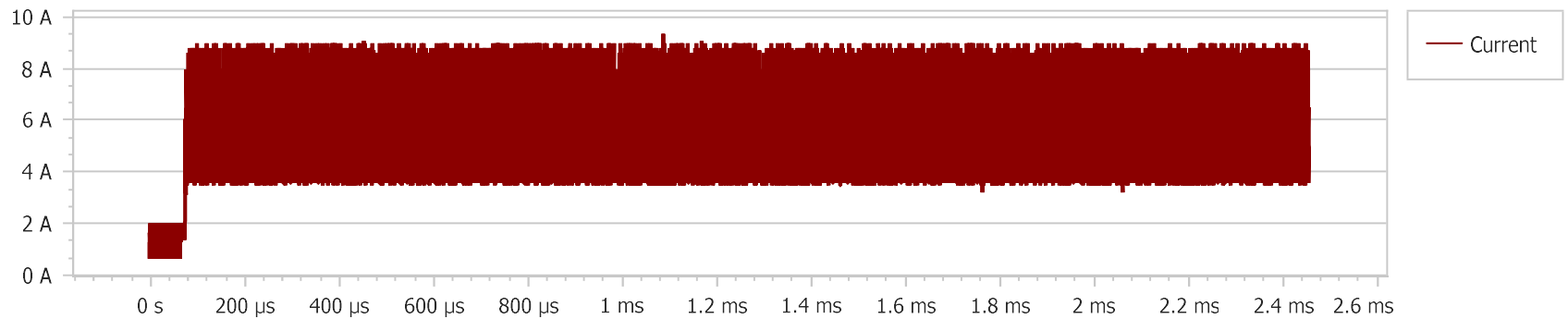
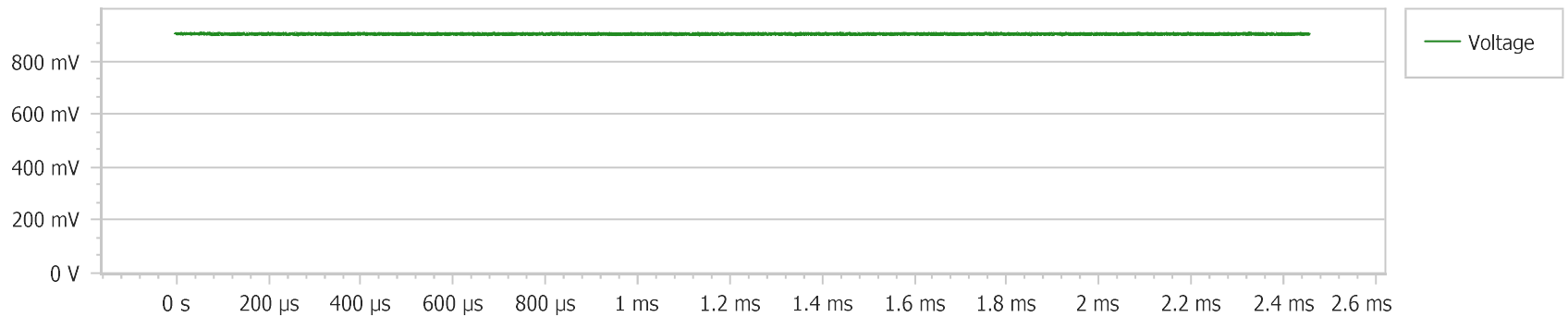
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 440 kHz

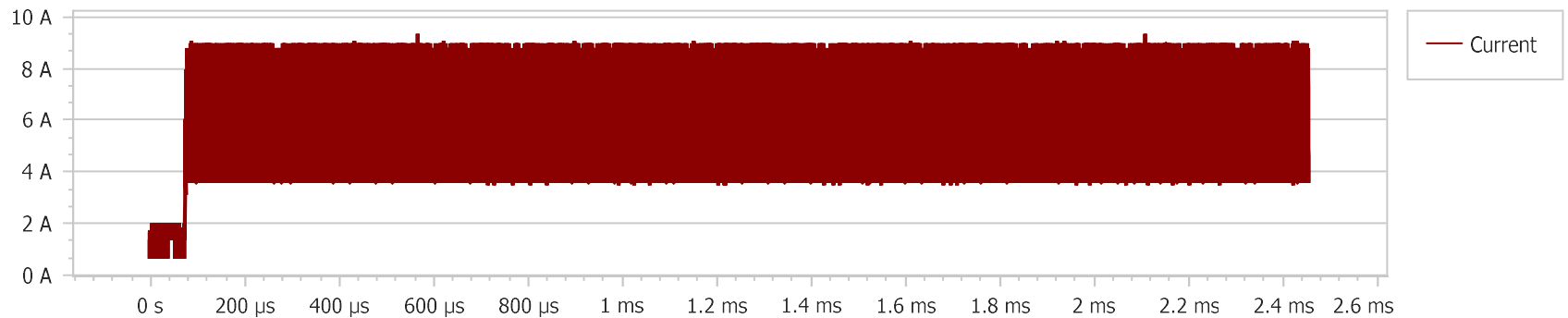
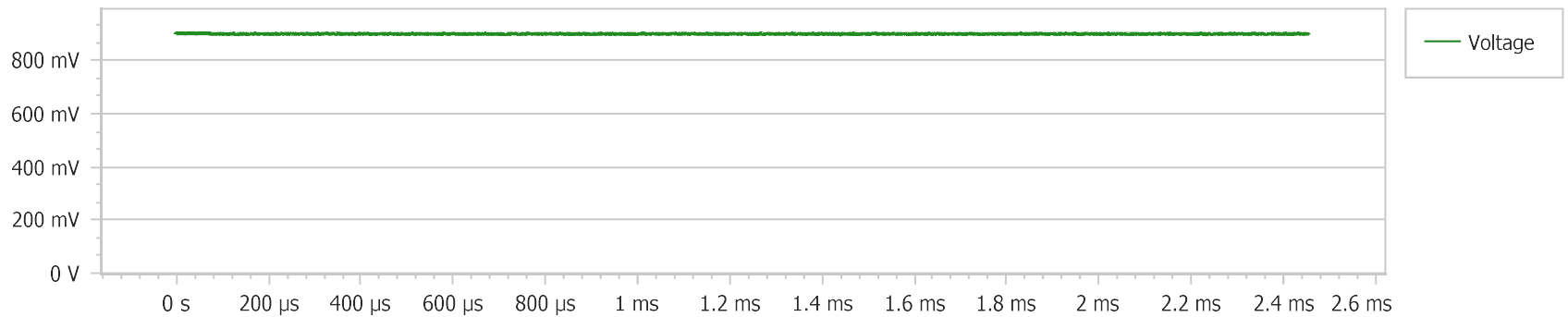
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 460 kHz

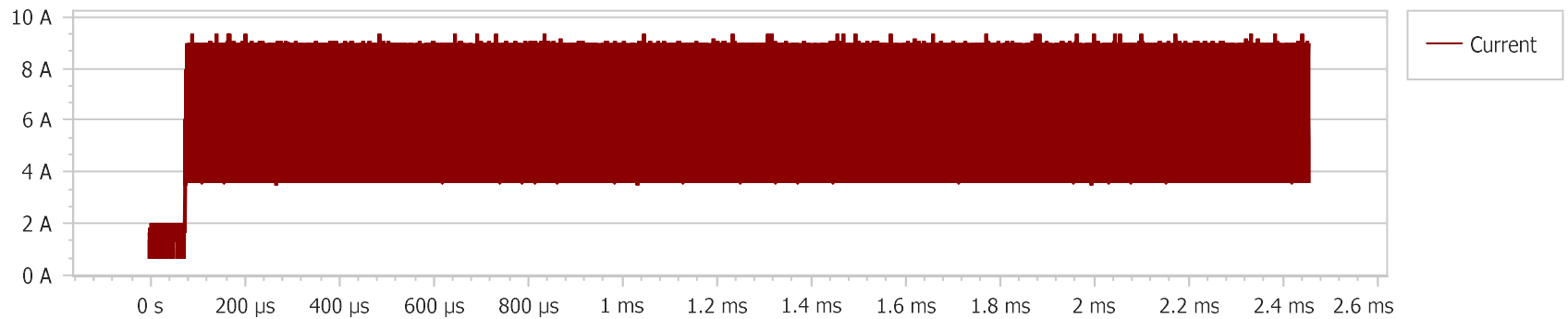
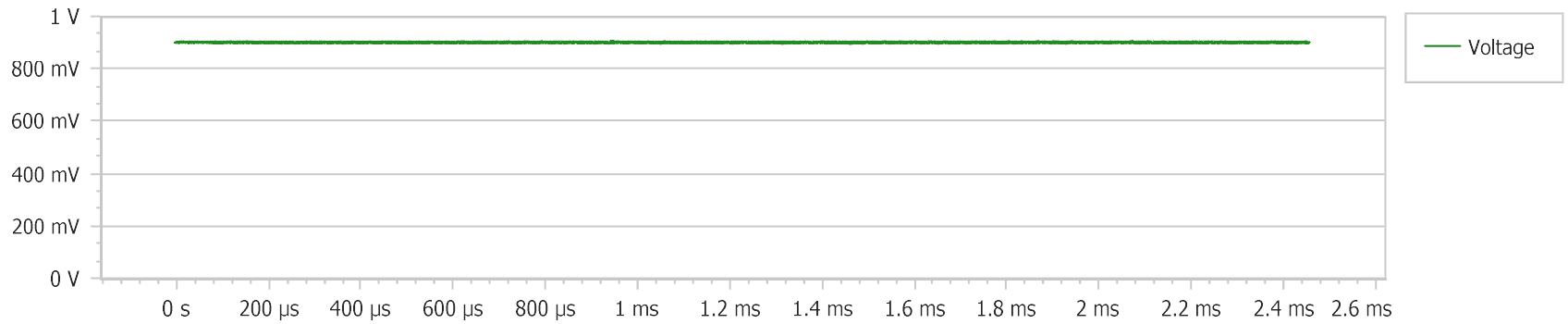
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 480 kHz

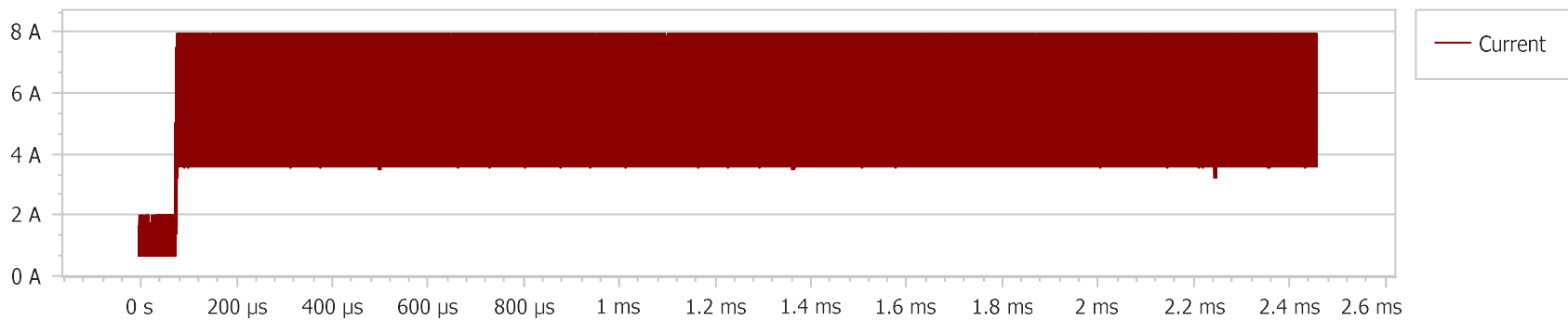
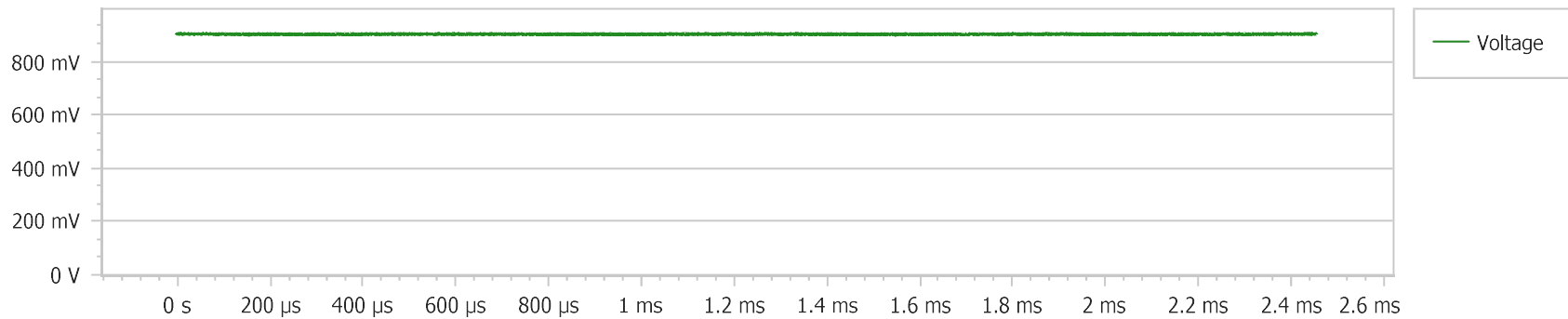
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ V

Waveform Analysis:

Frequency: 1 kHz

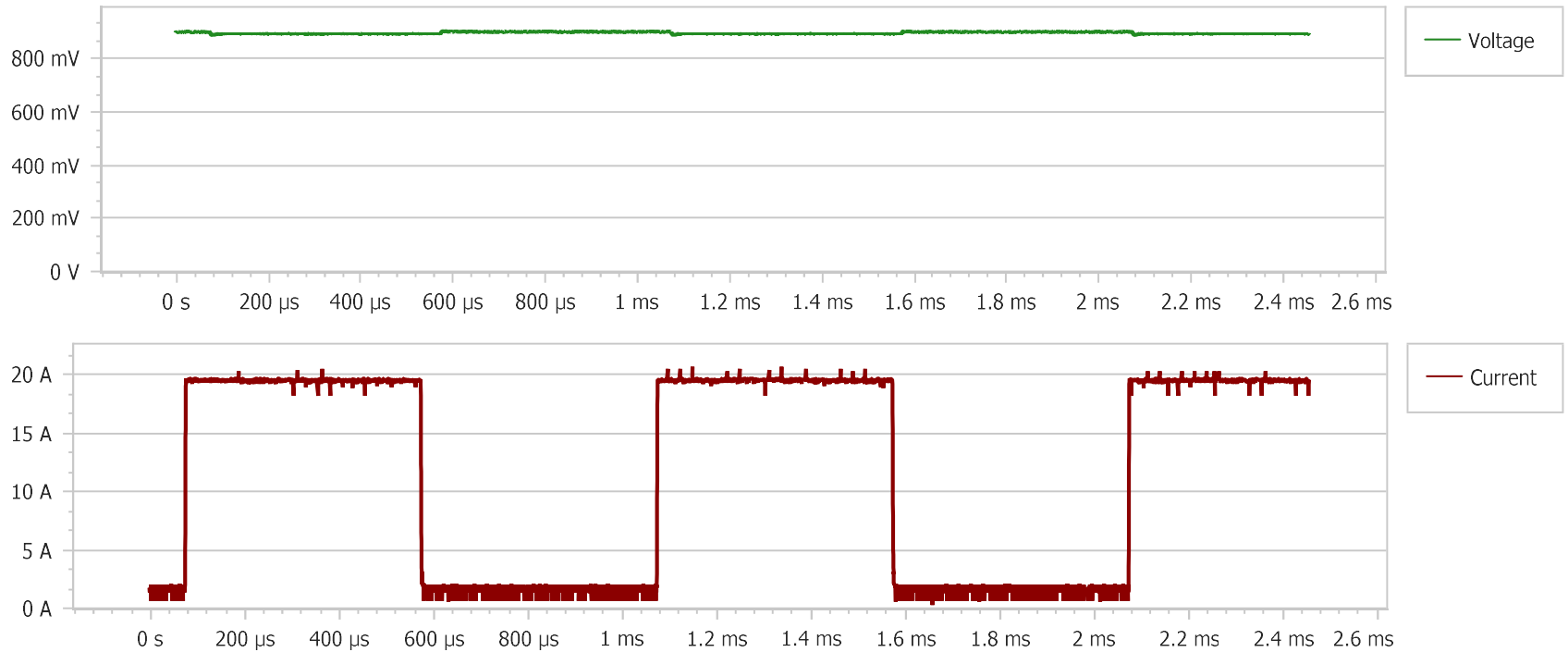
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 2 kHz

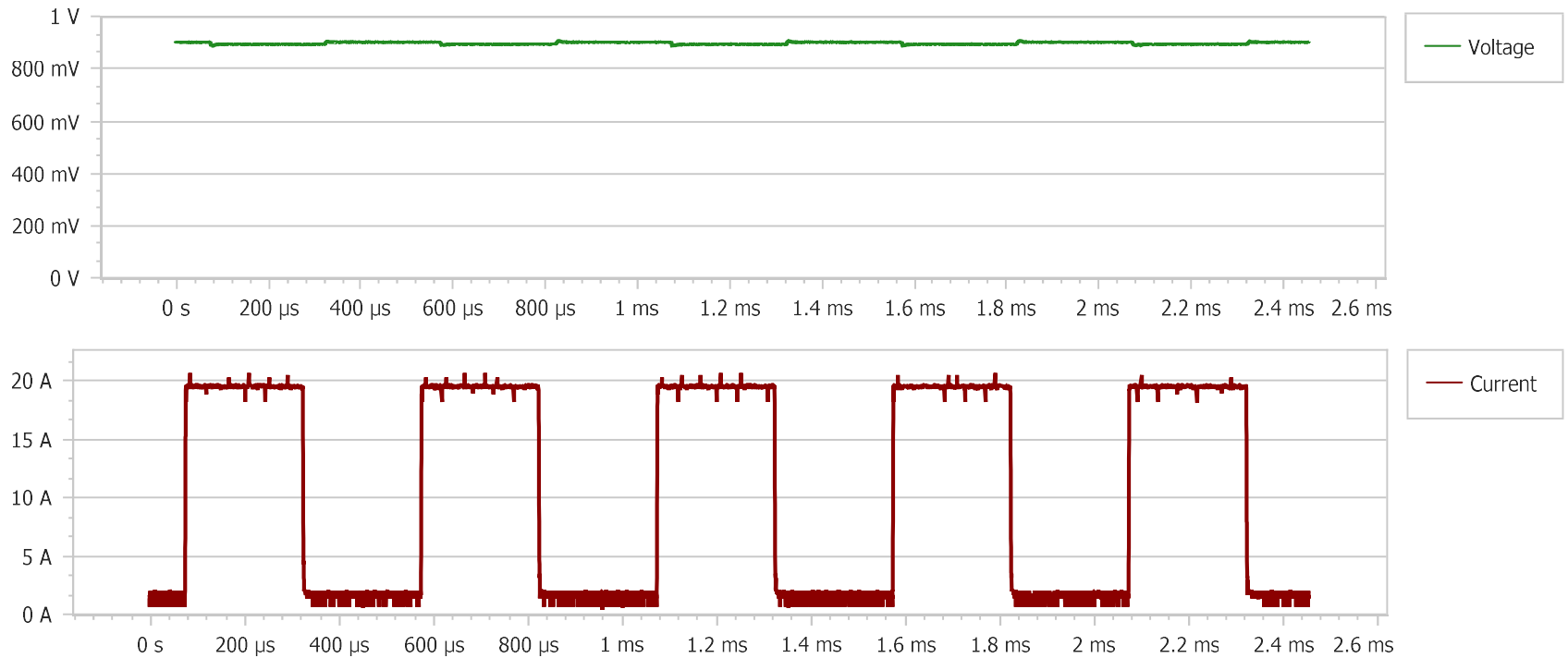
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

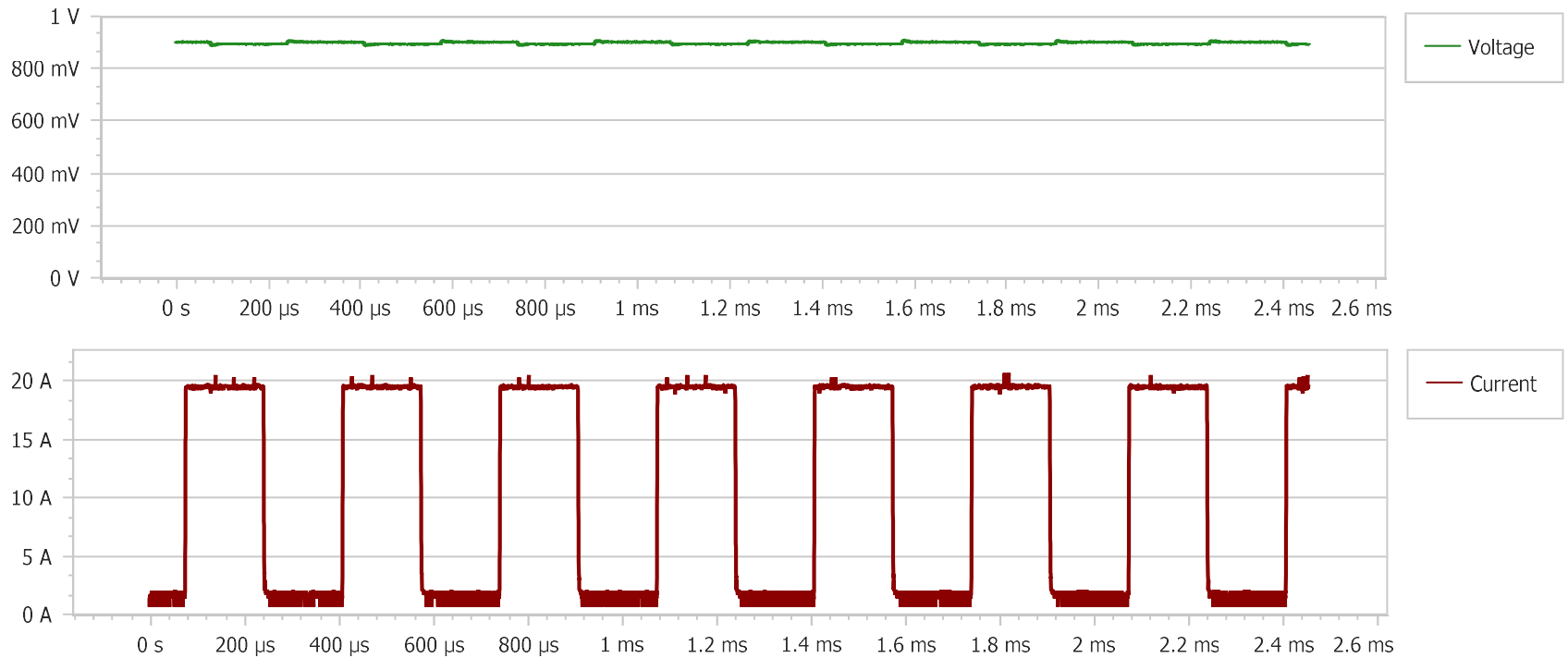
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 4 kHz

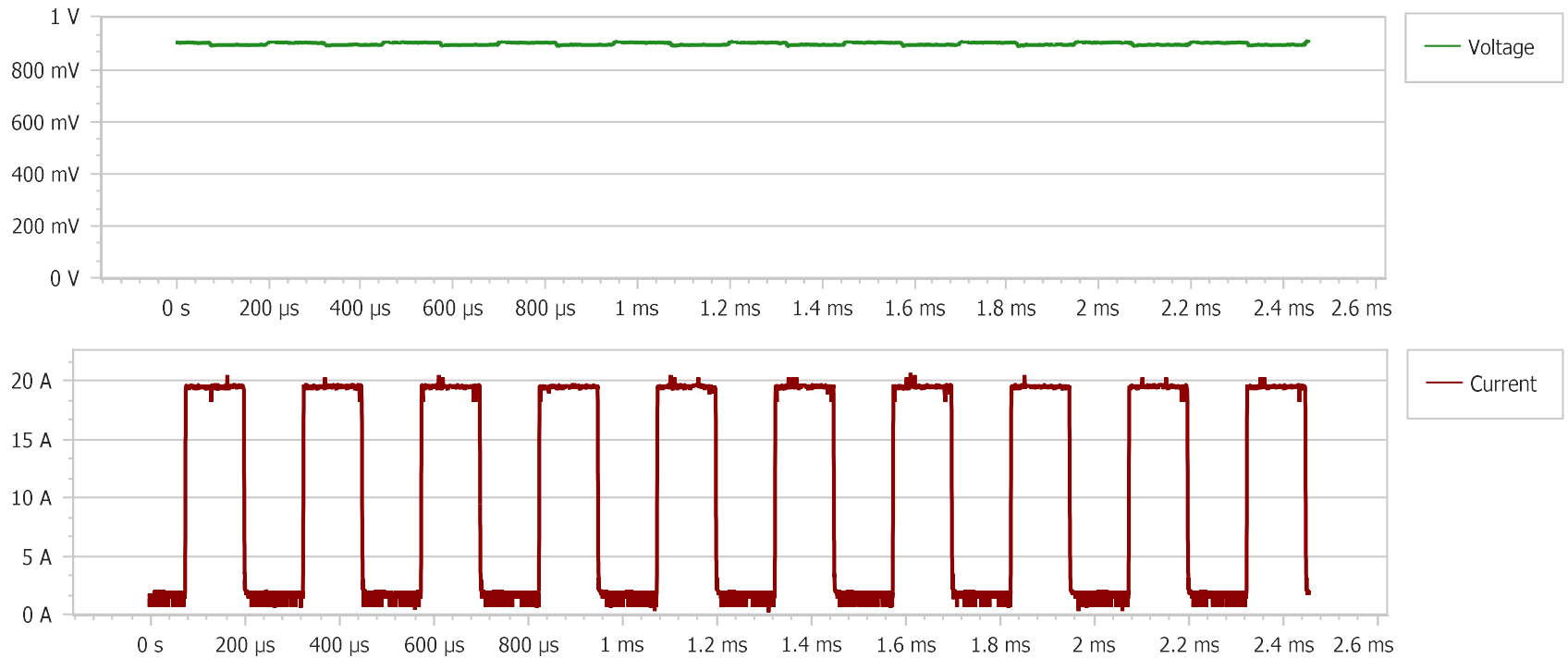
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

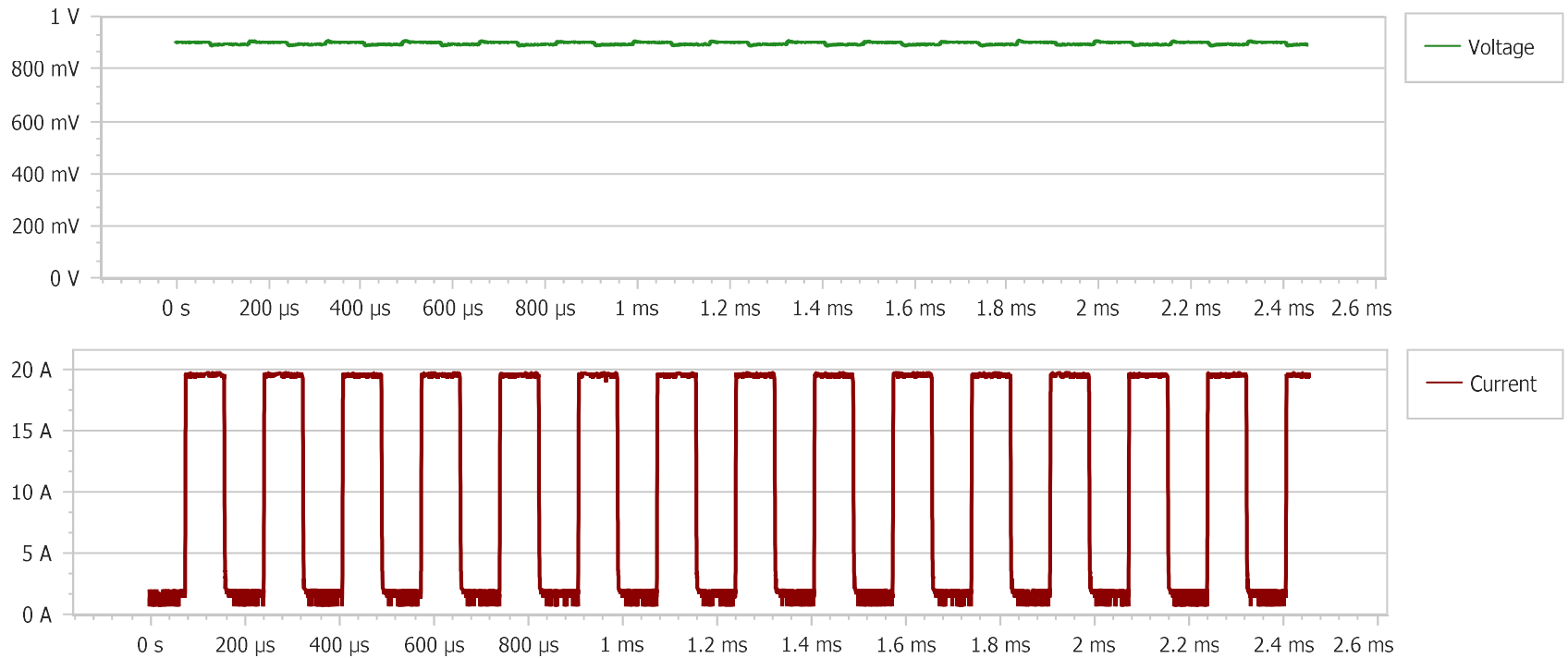
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 7 kHz

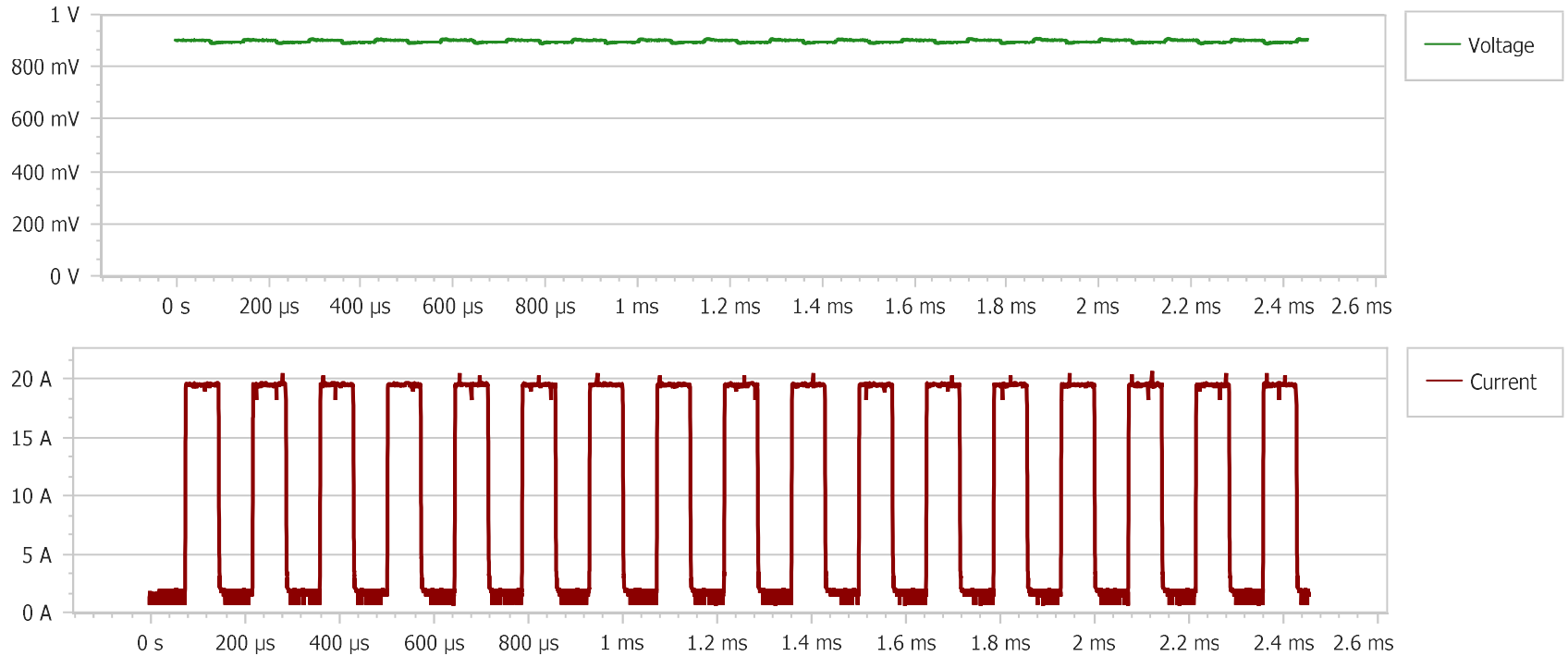
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 8 kHz

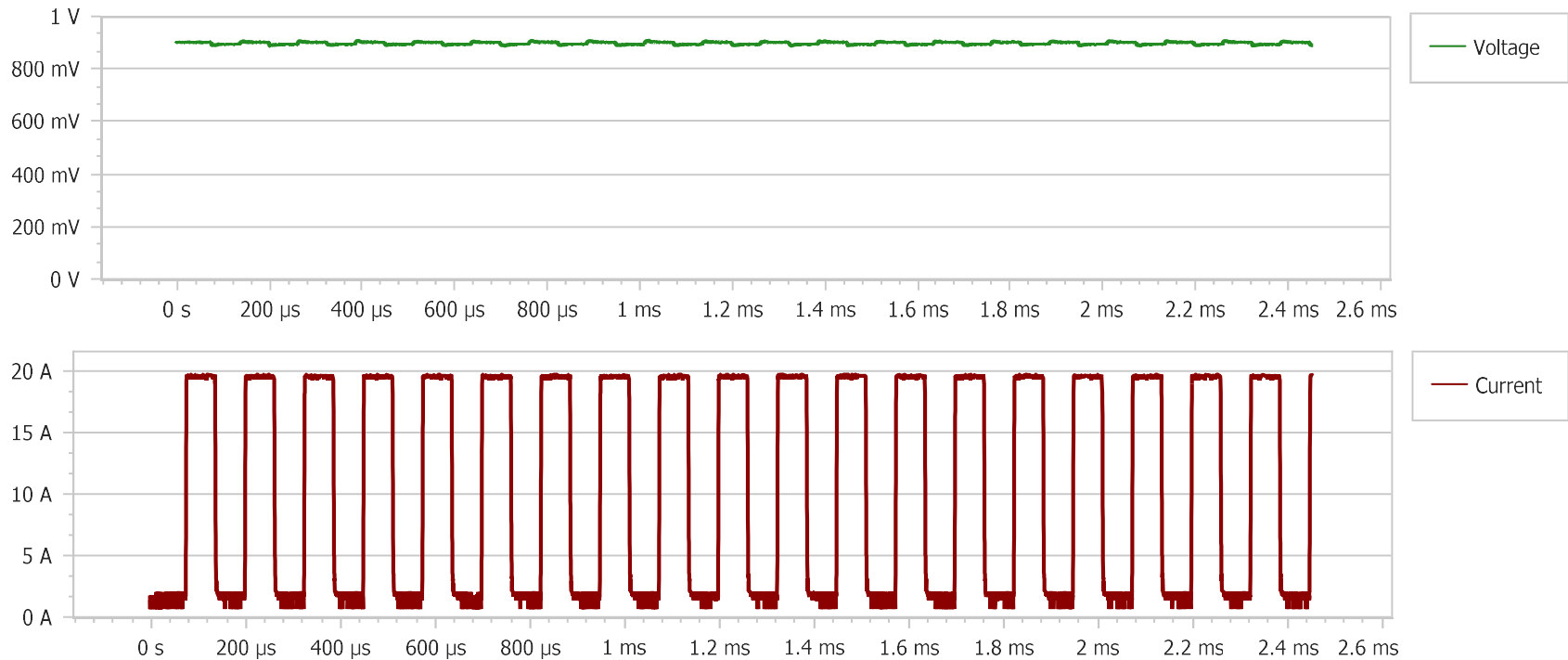
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 9 kHz

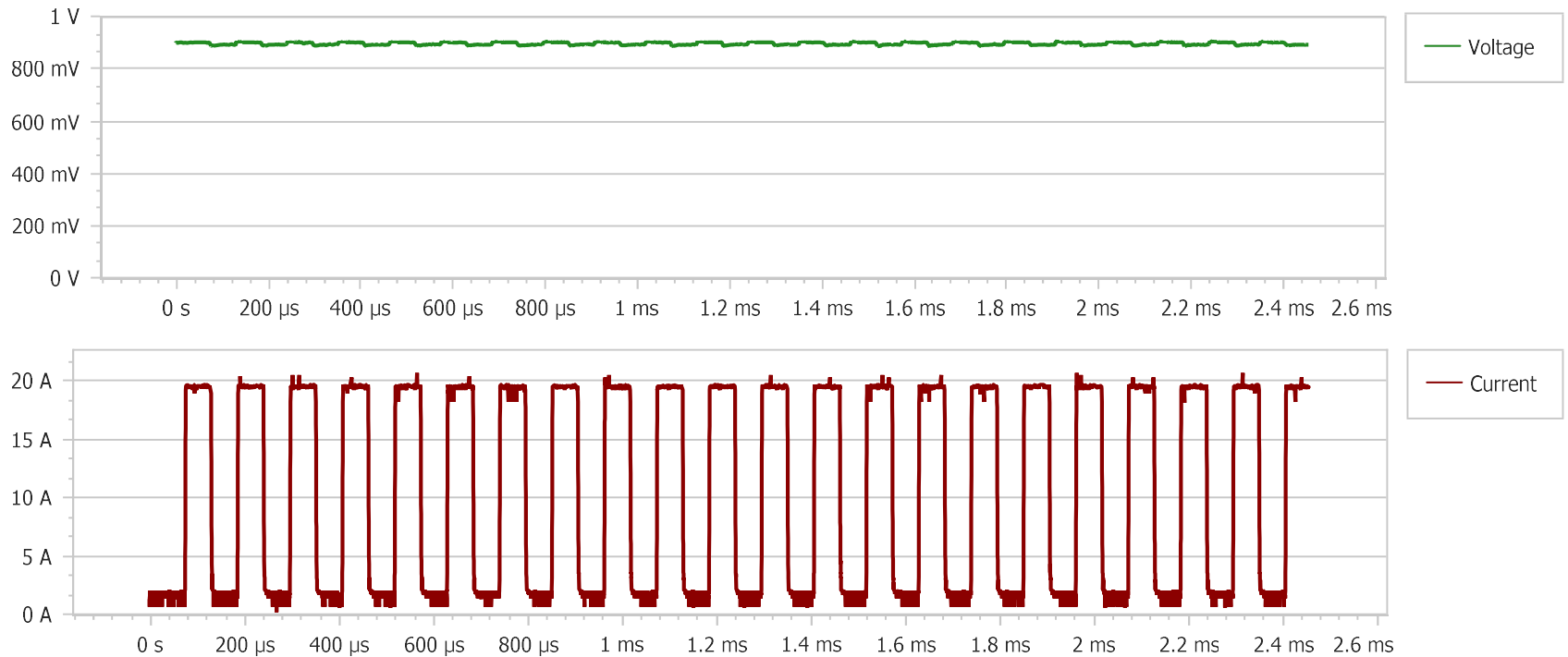
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

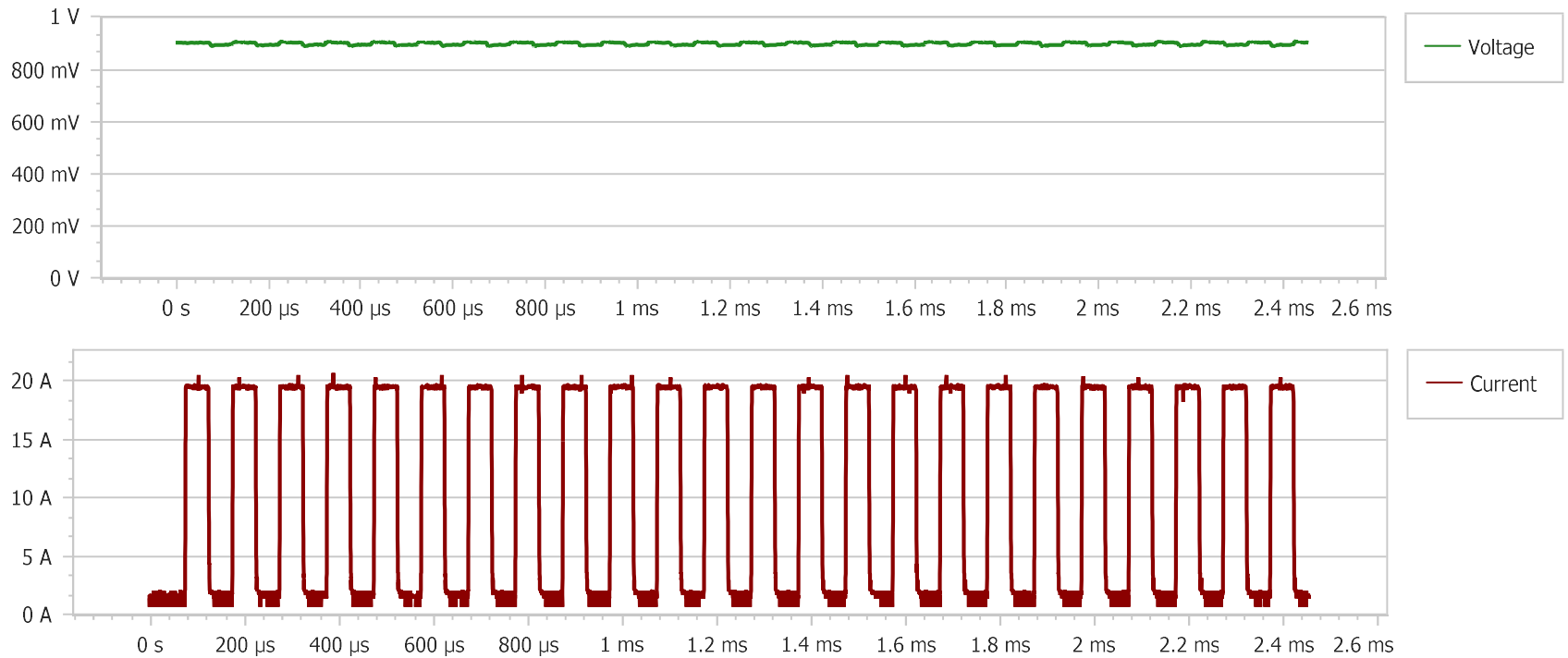
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 20 kHz

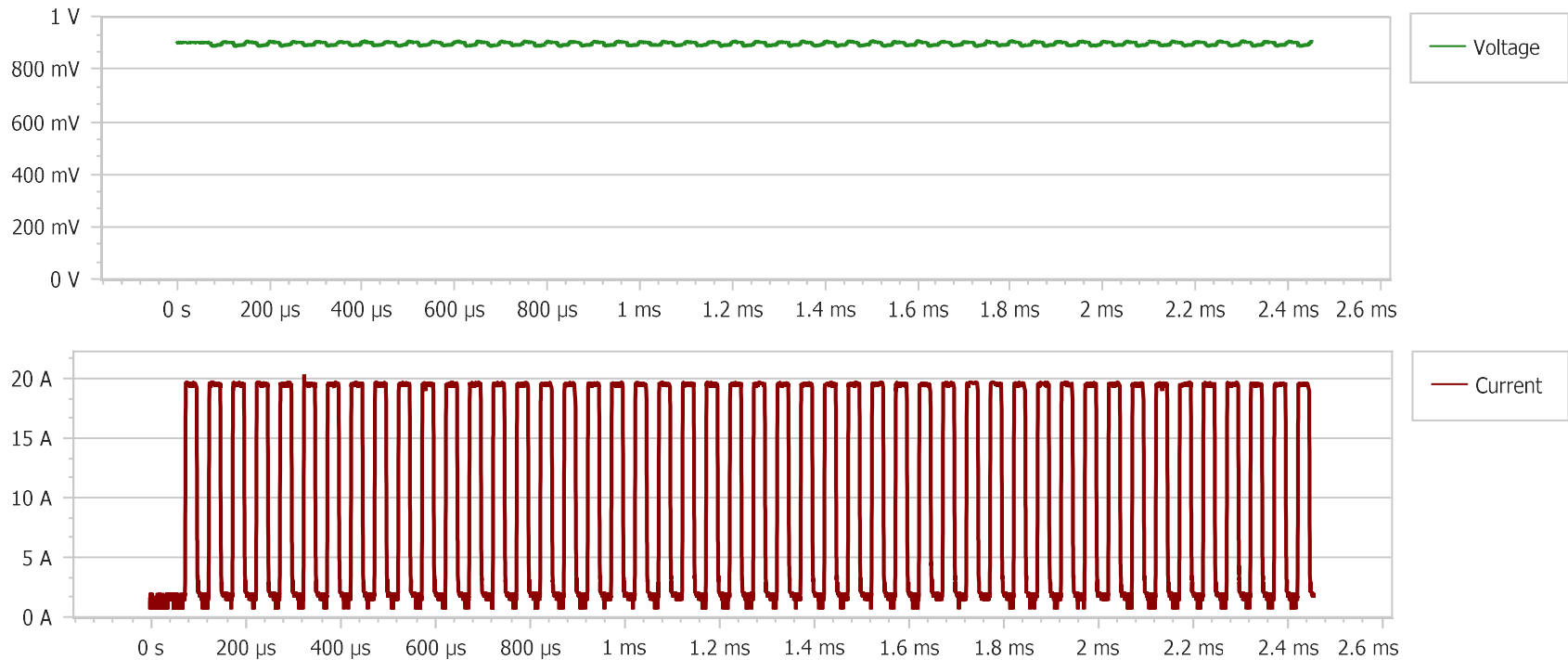
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

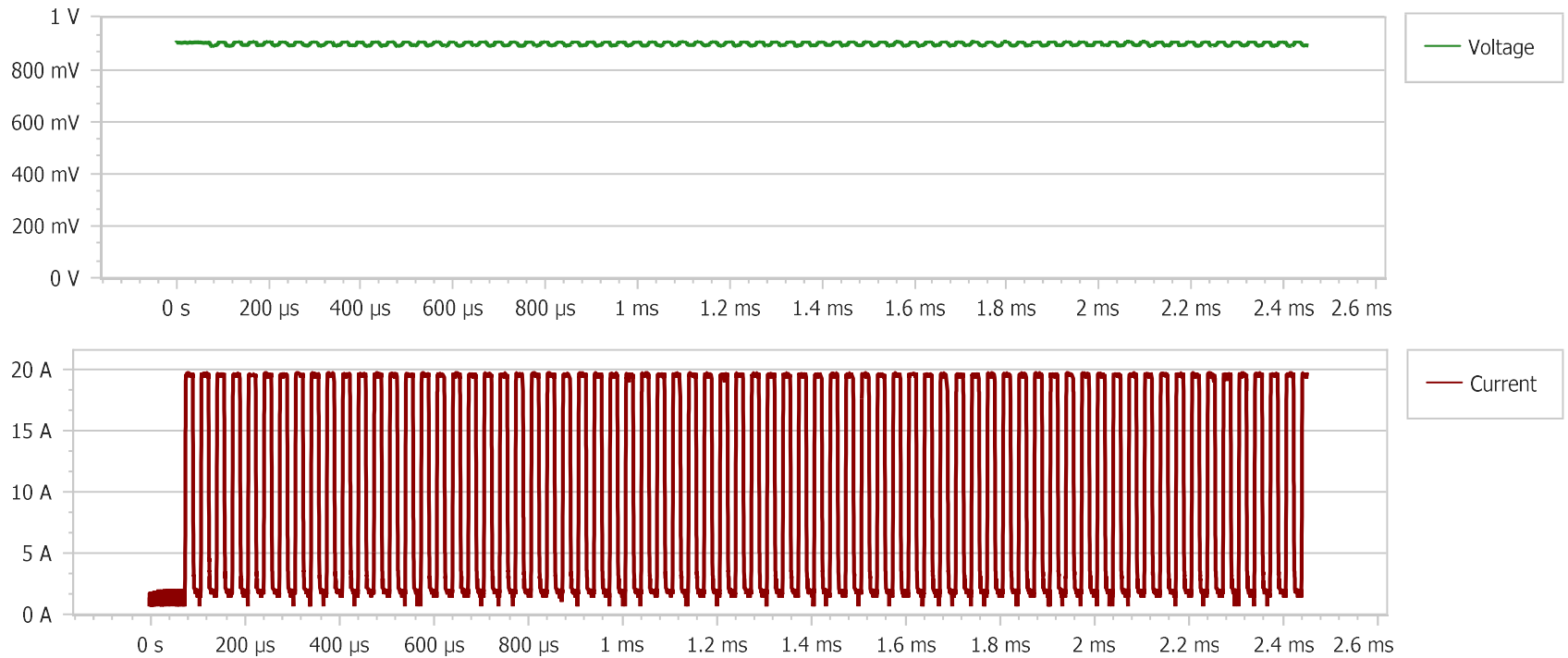
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

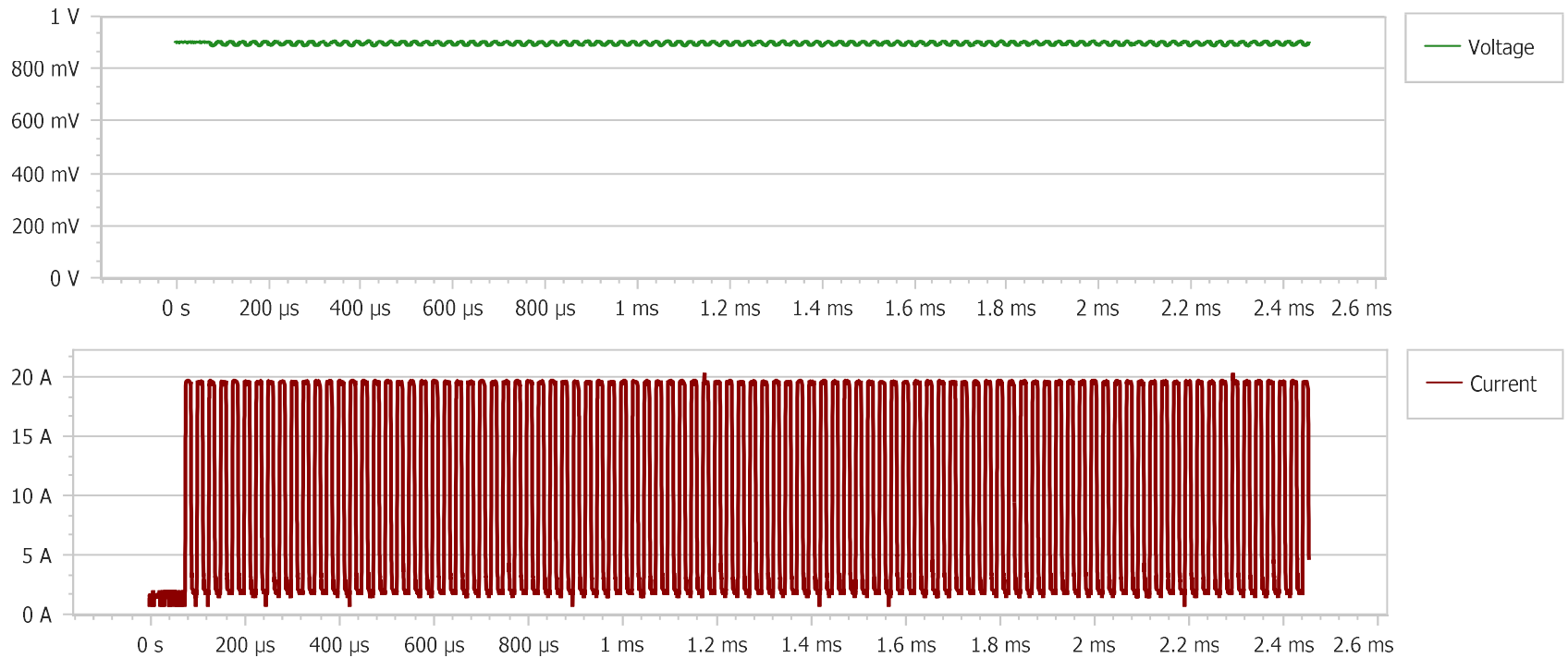
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

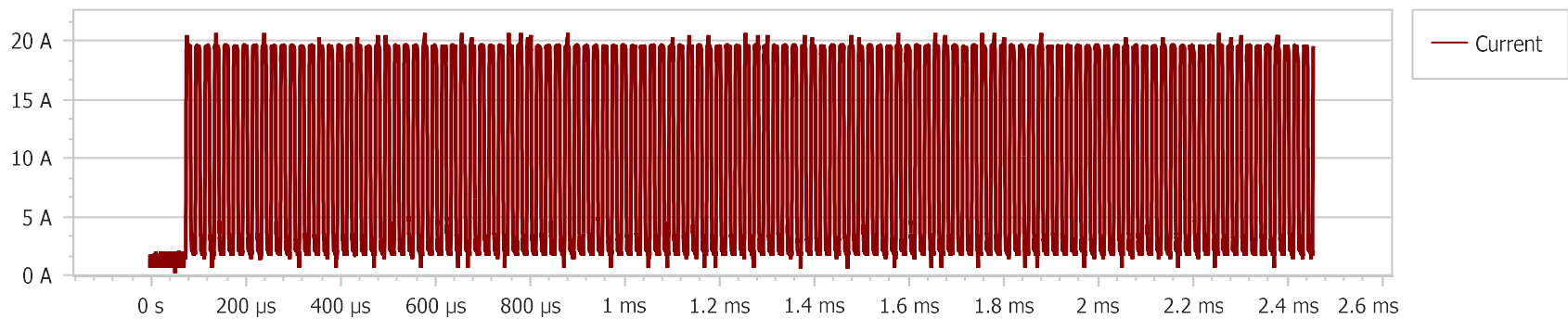
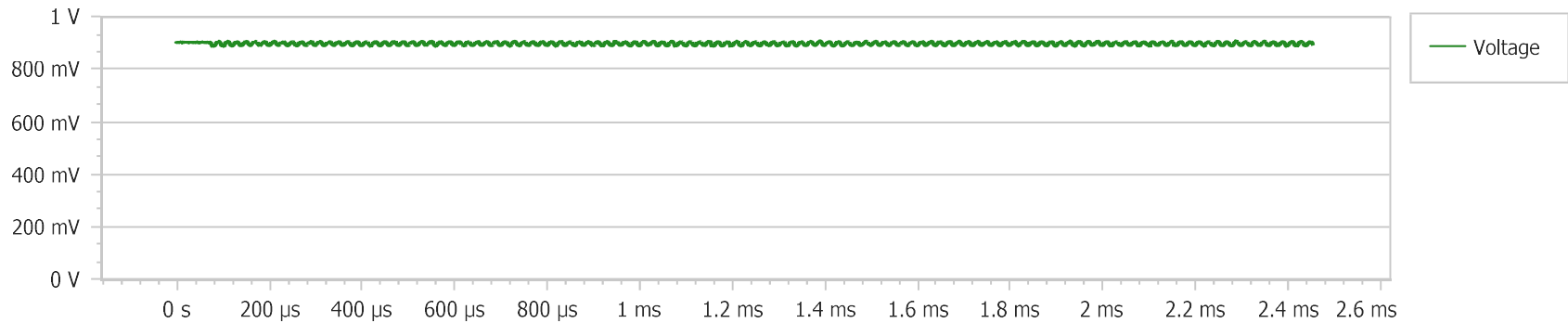
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

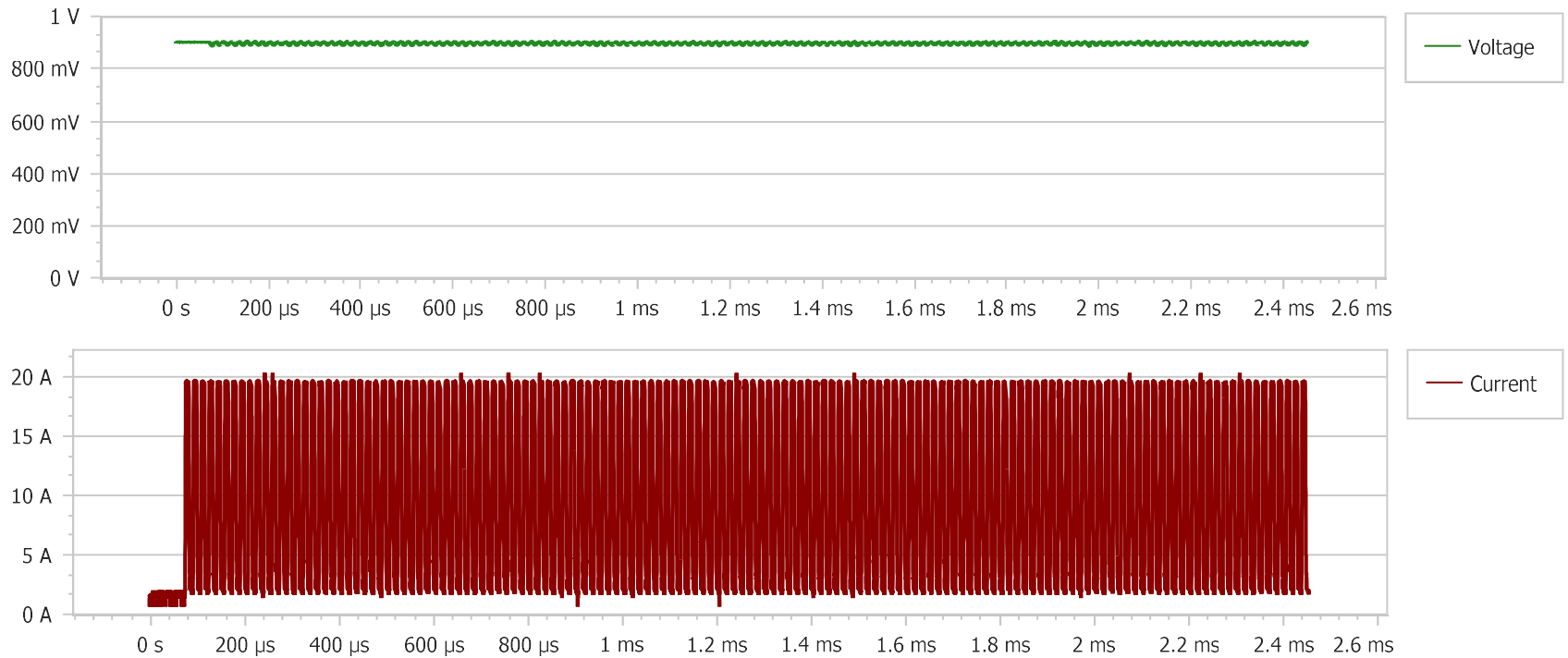
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

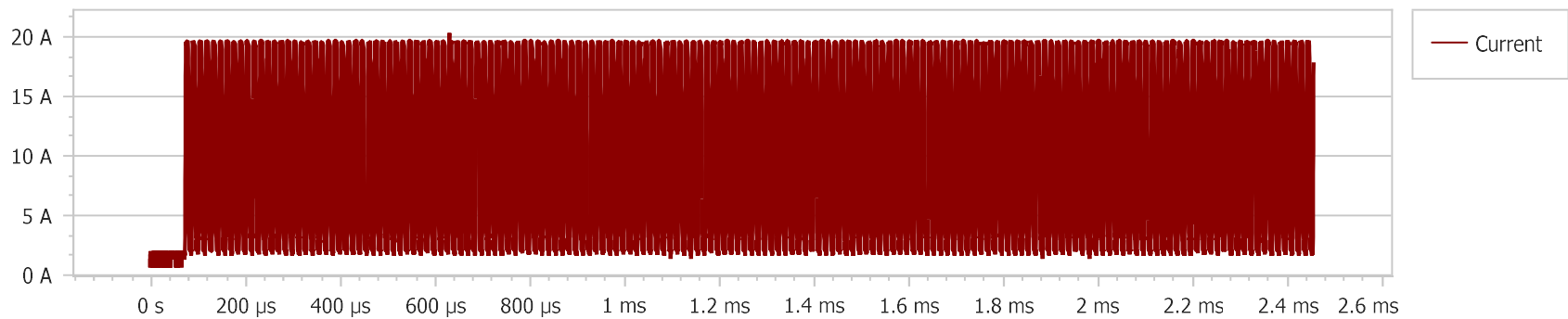
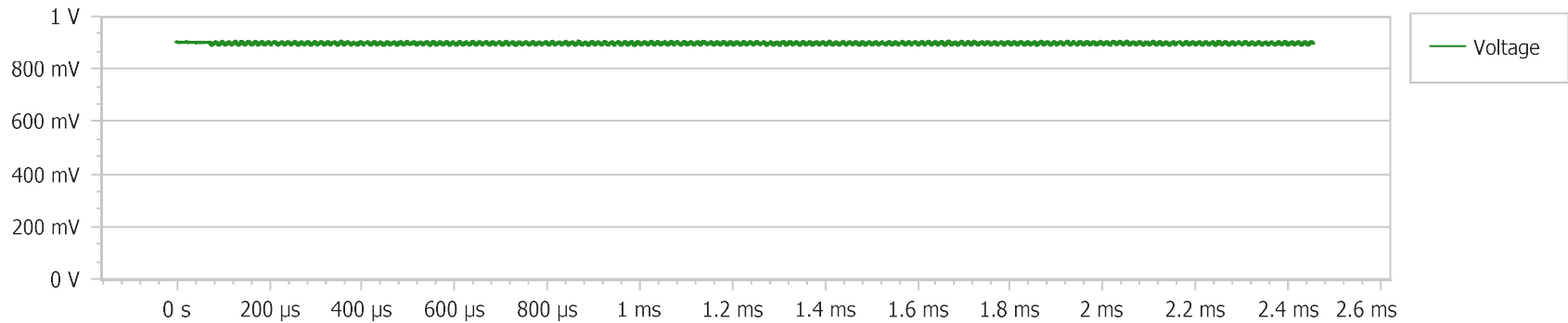
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

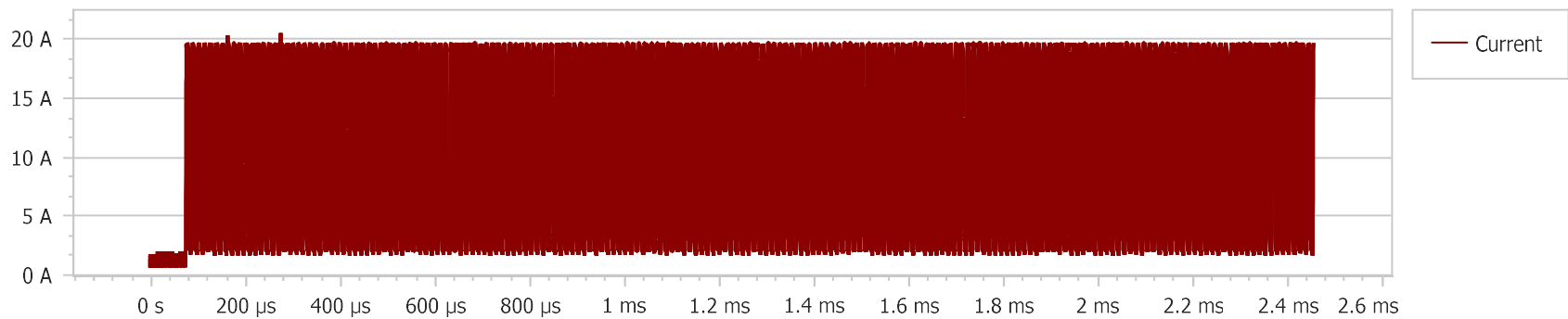
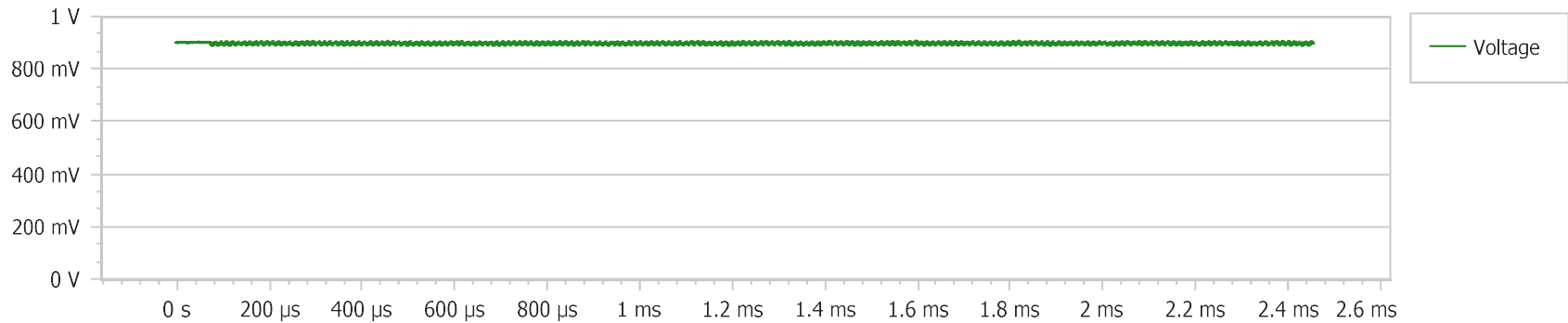
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 90 kHz

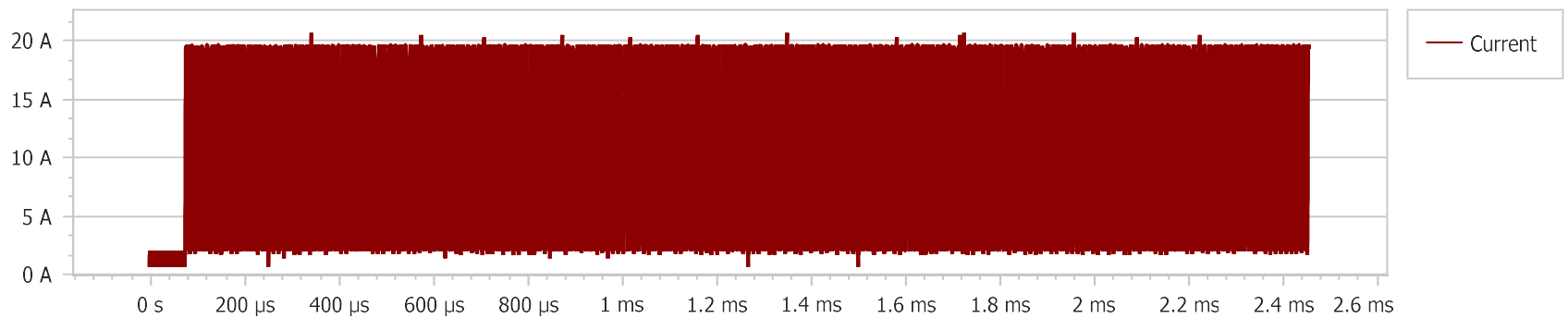
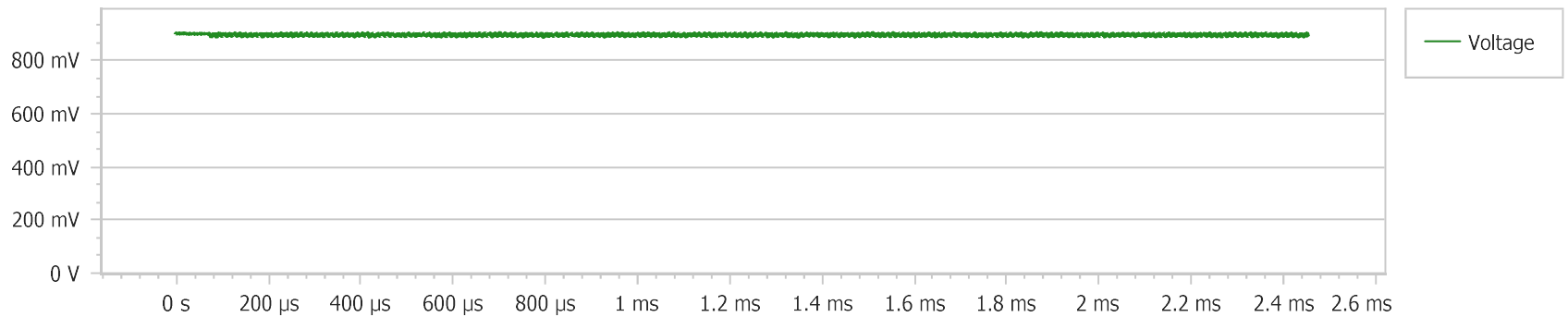
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 100 kHz

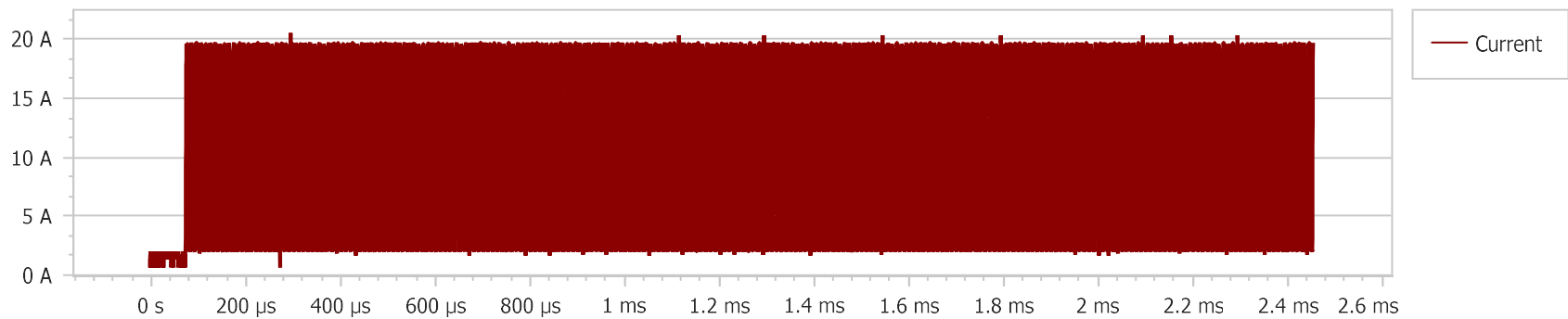
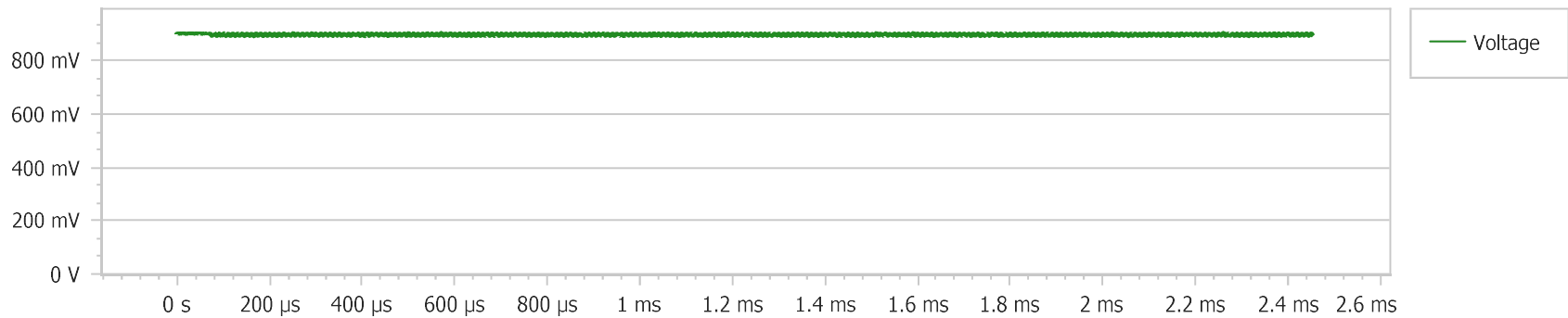
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 120 kHz

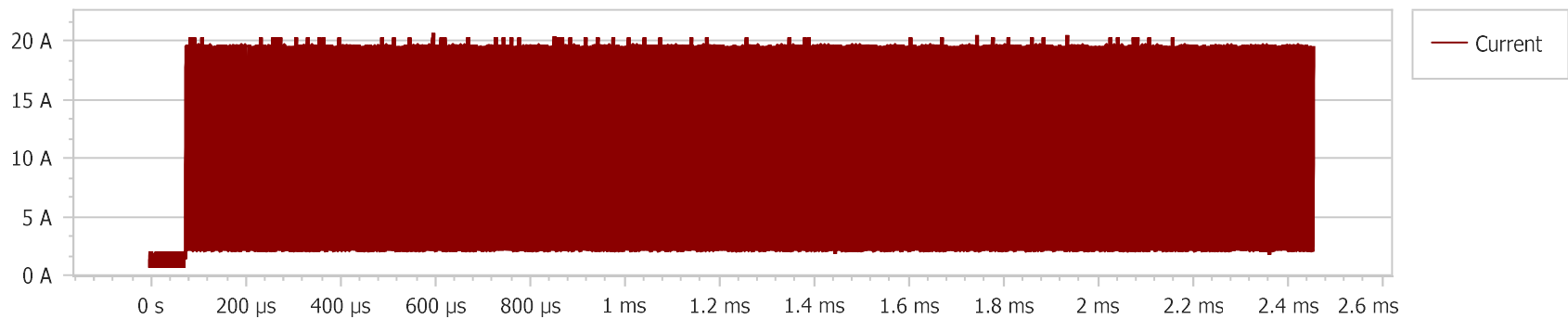
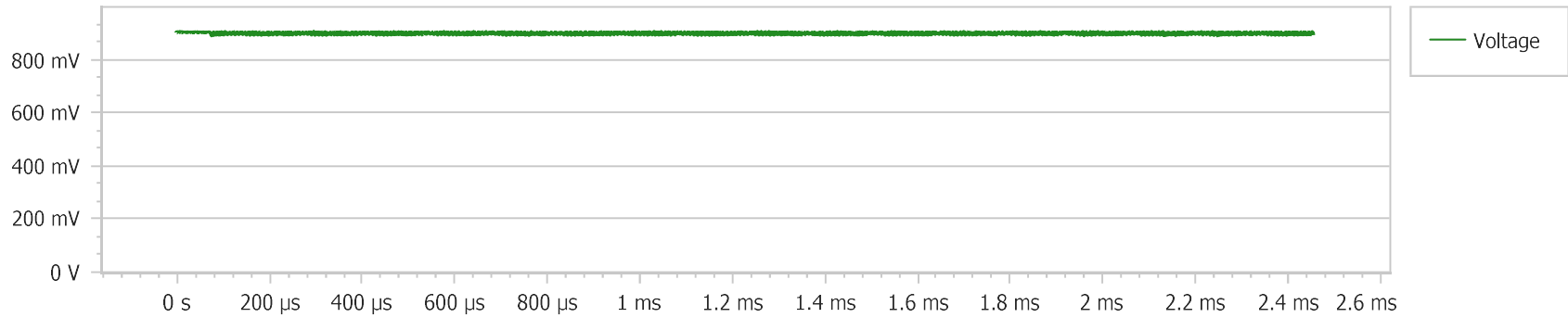
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 140 kHz

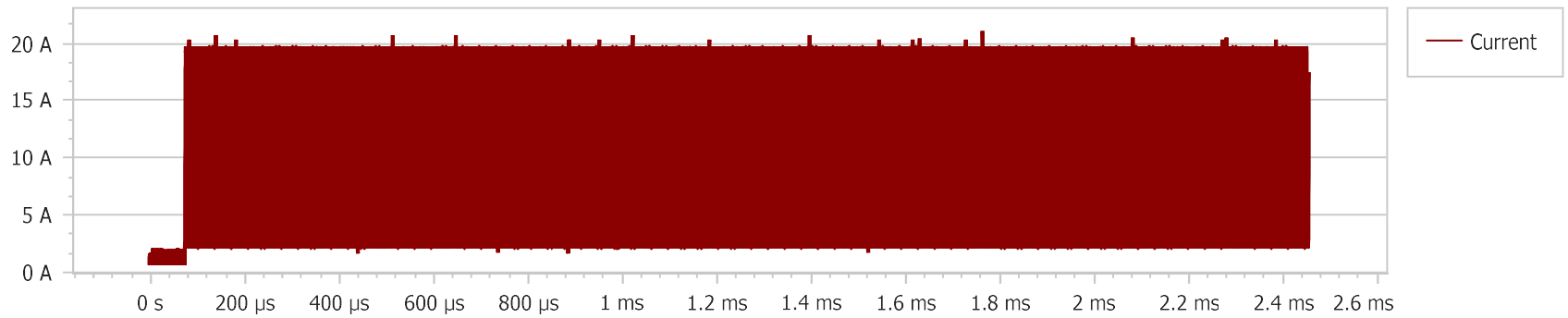
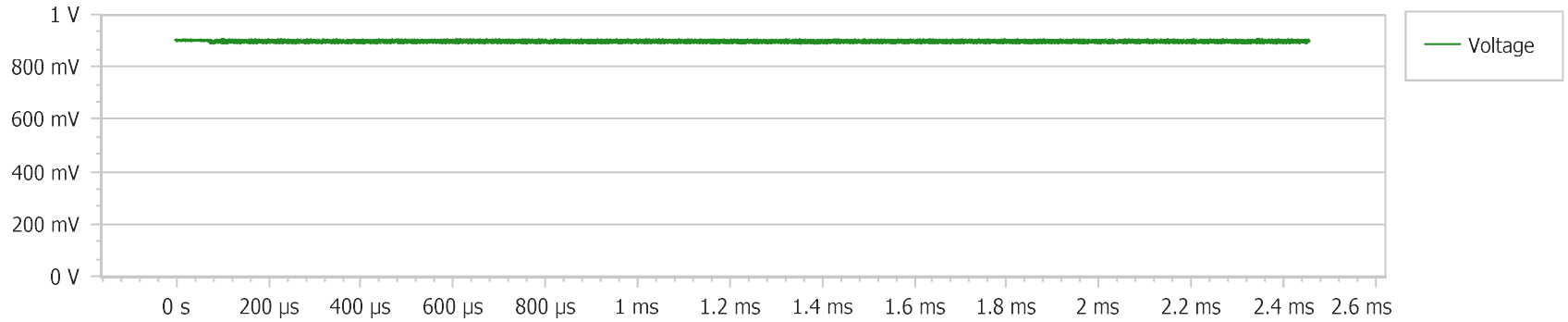
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 160 kHz

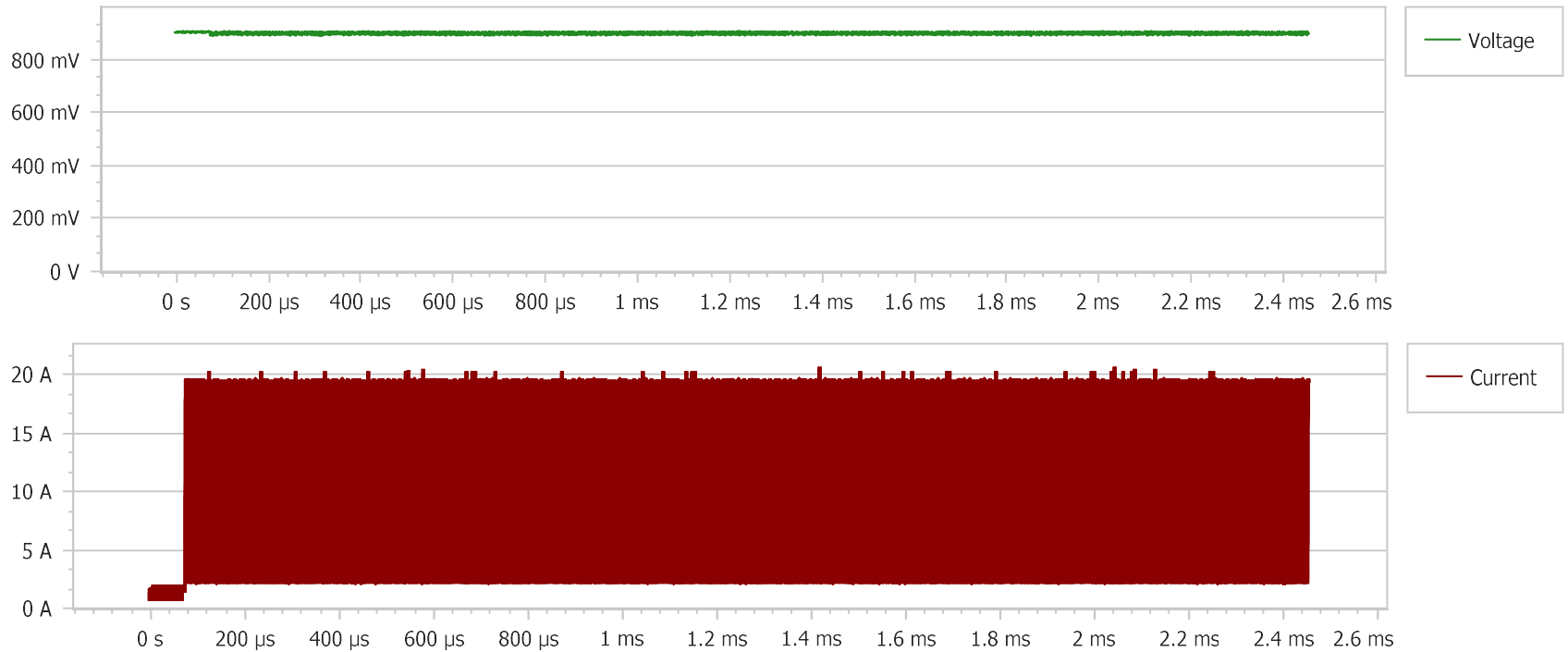
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 180 kHz

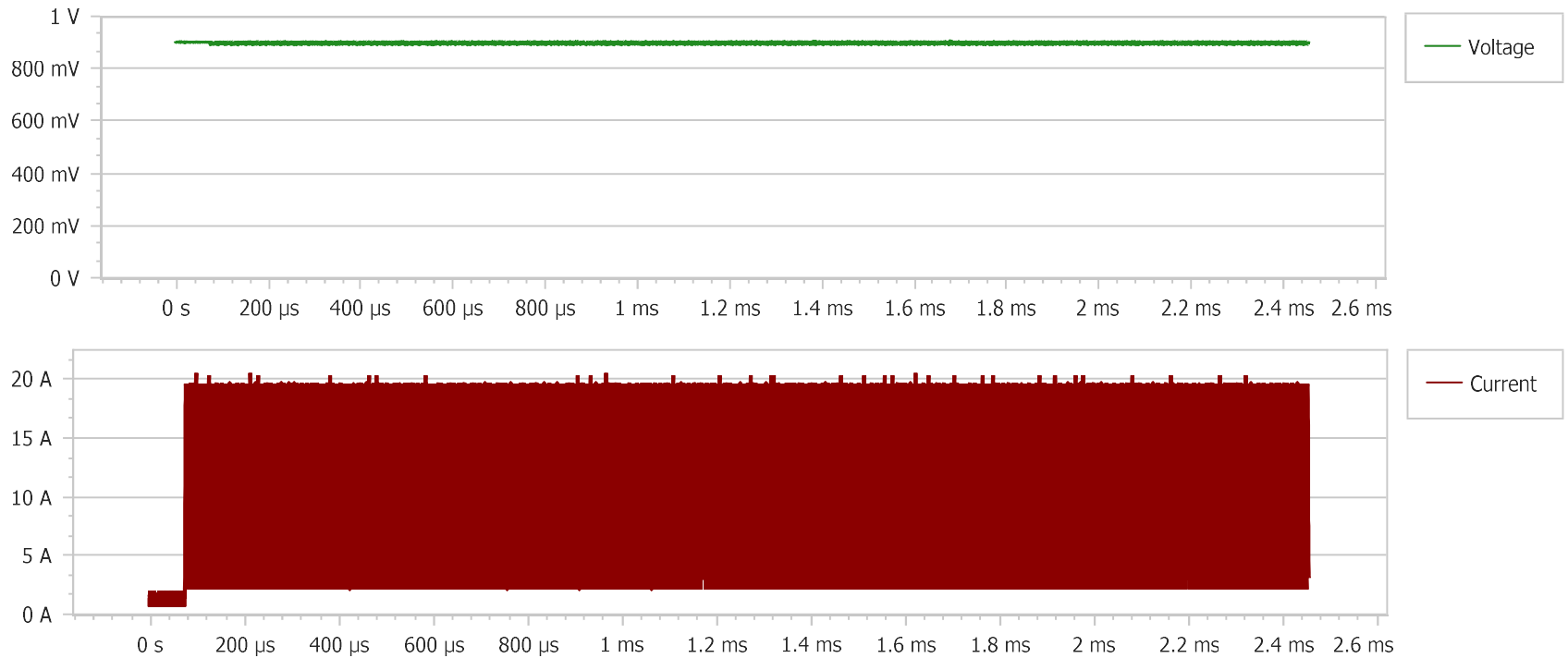
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 200 kHz

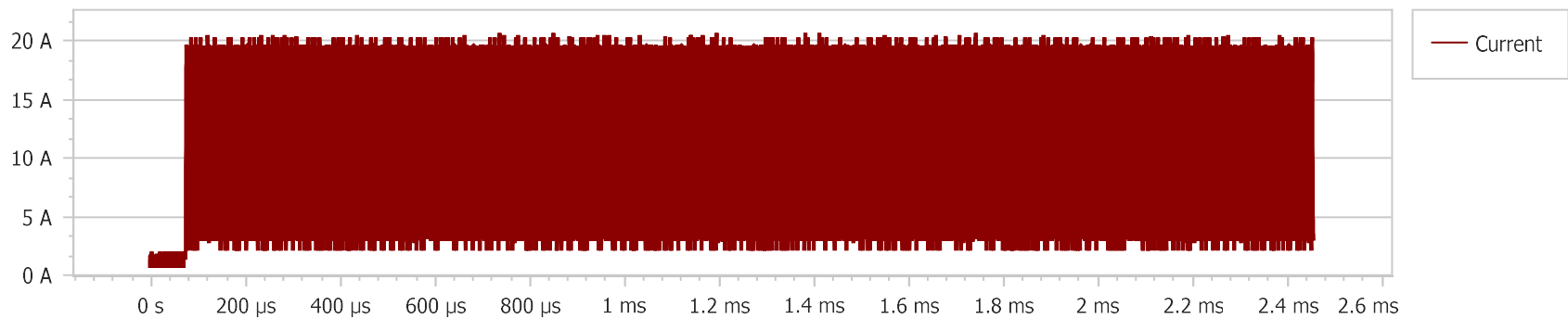
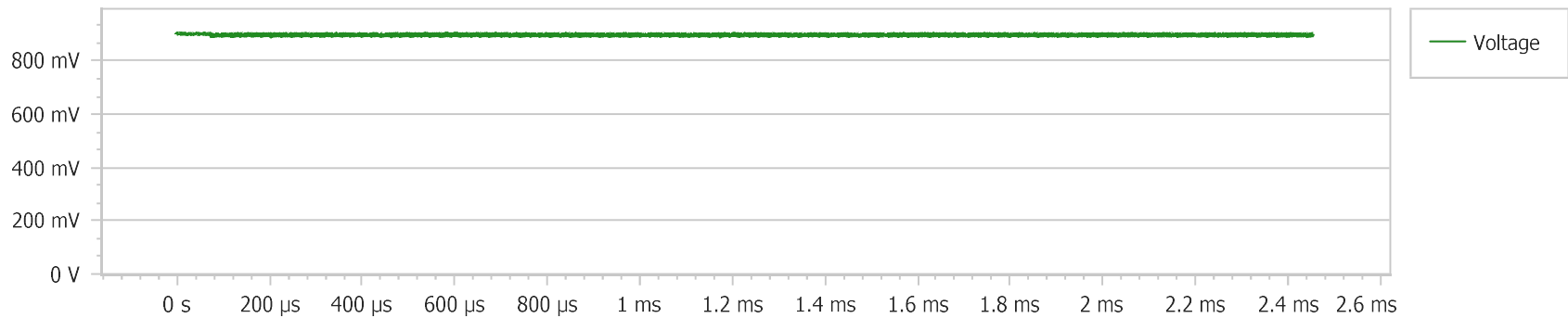
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 220 kHz

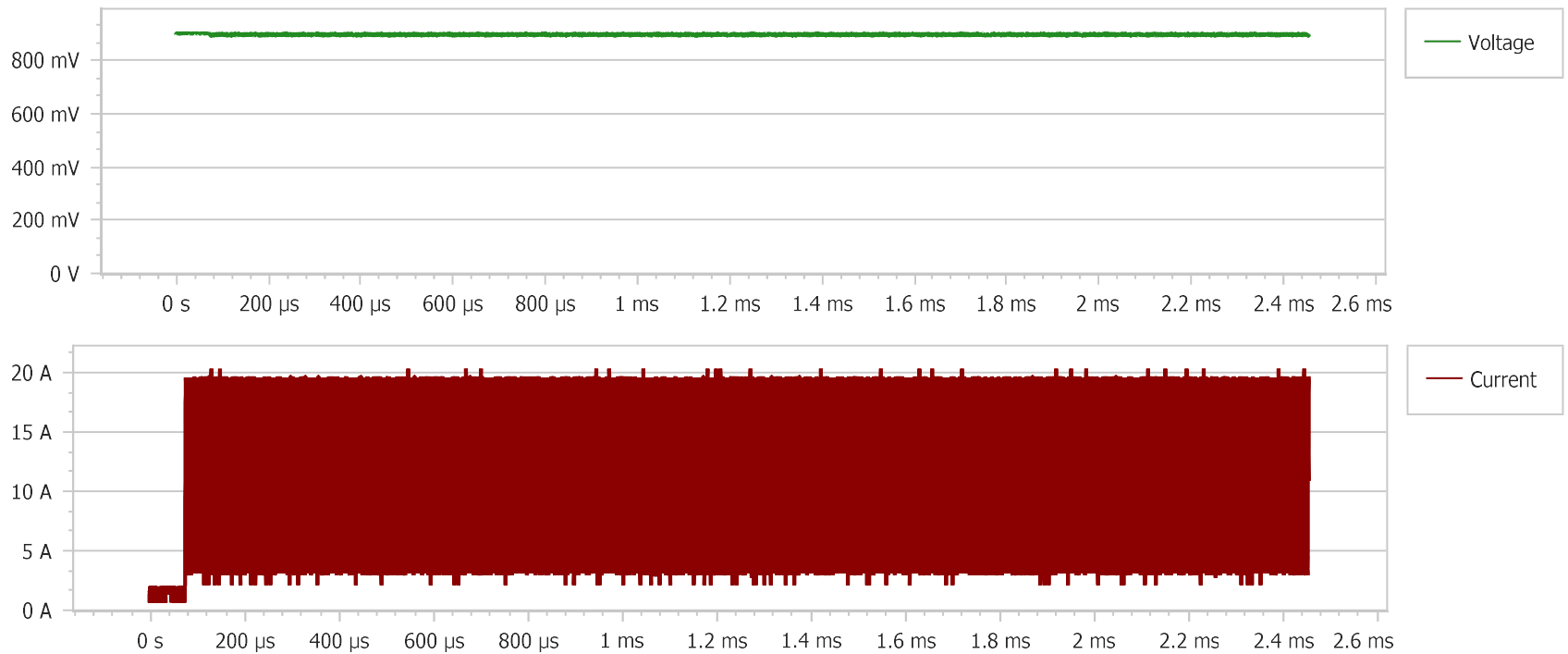
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

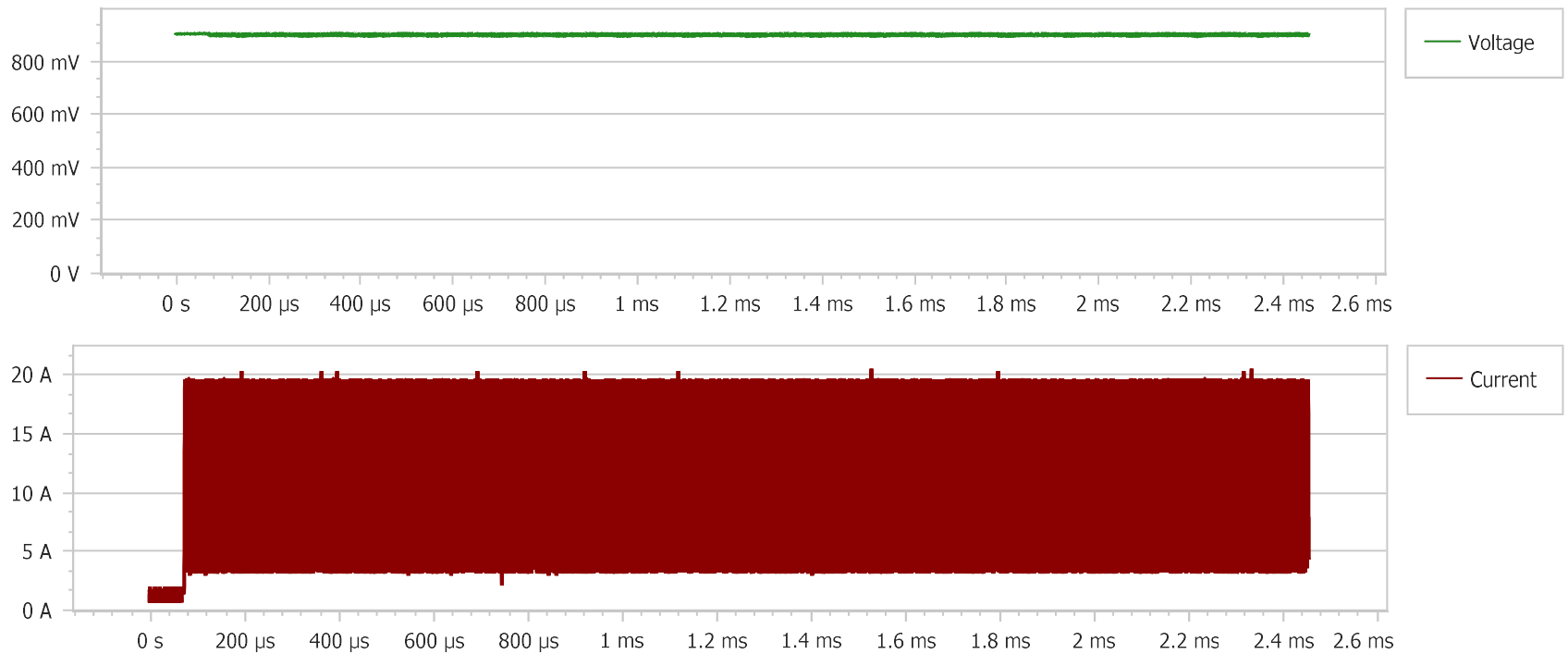
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 260 kHz

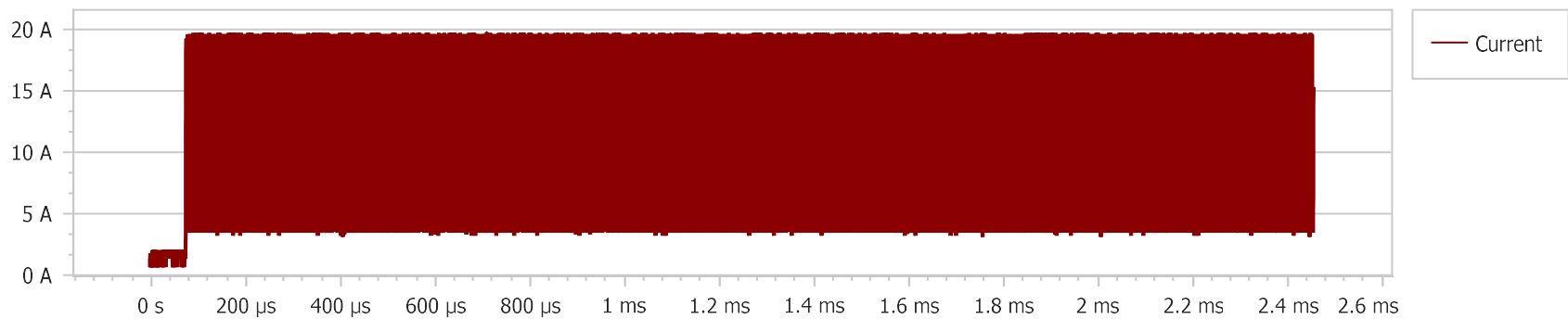
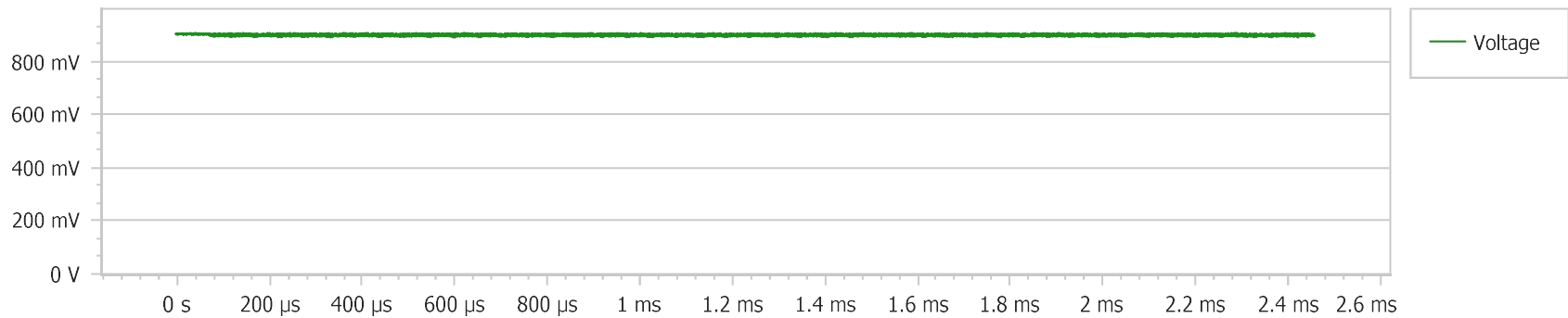
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 280 kHz

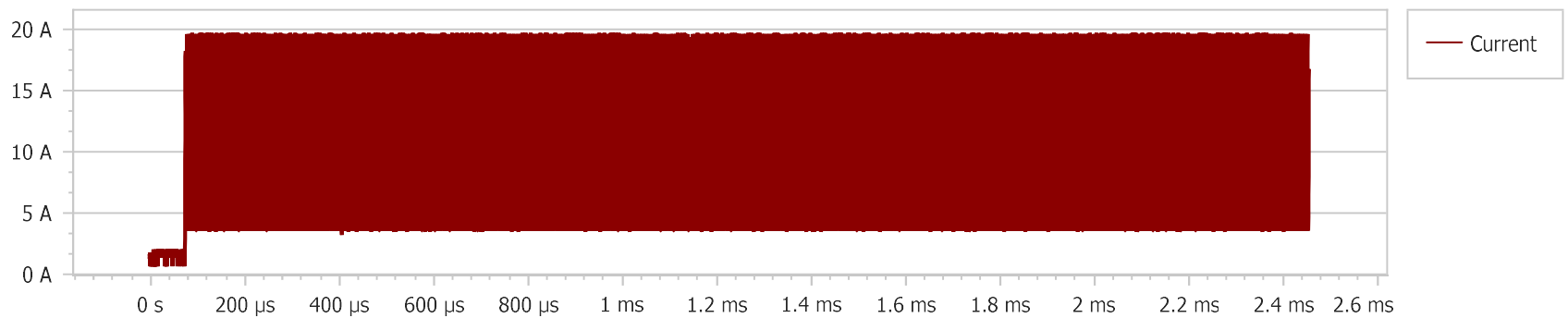
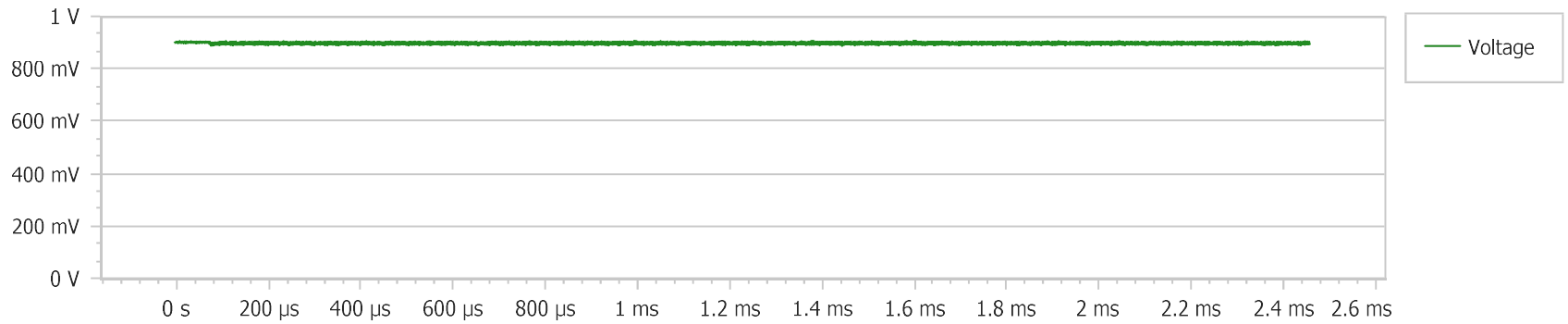
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

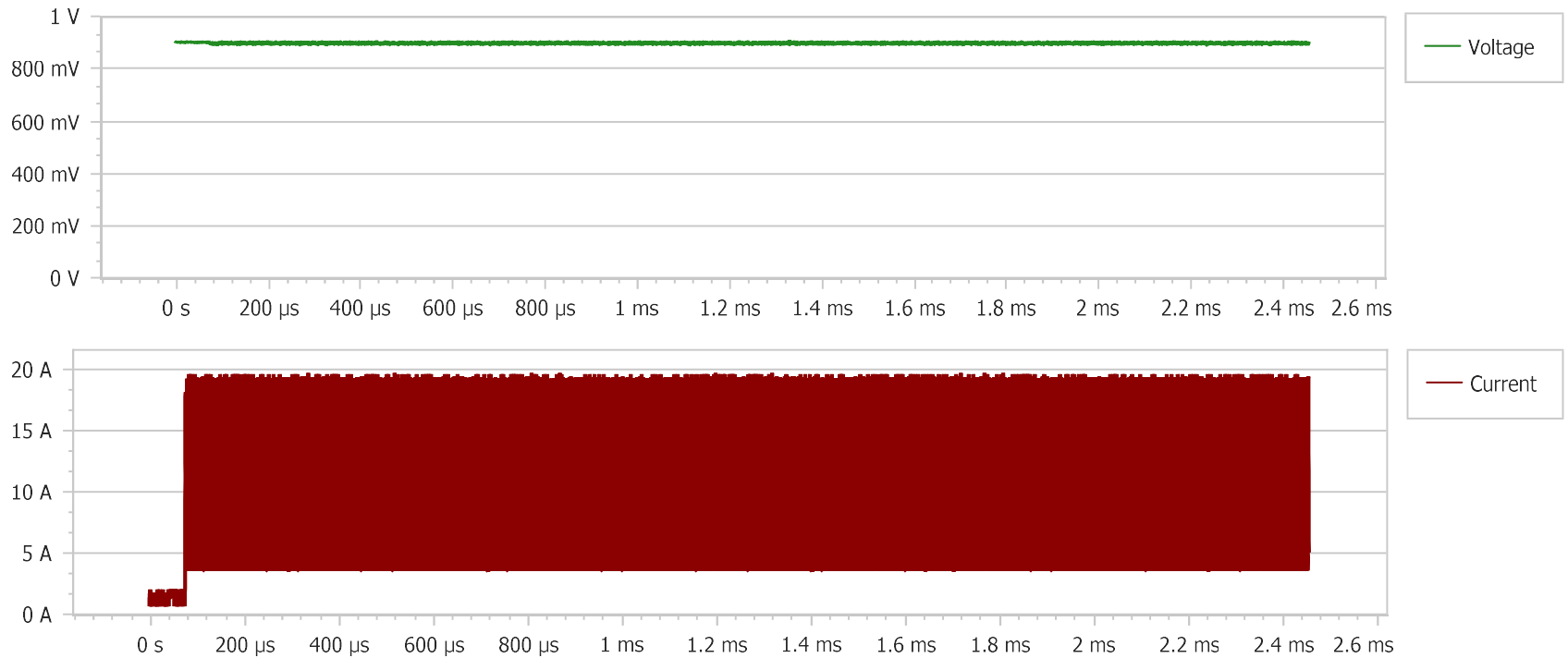
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 320 kHz

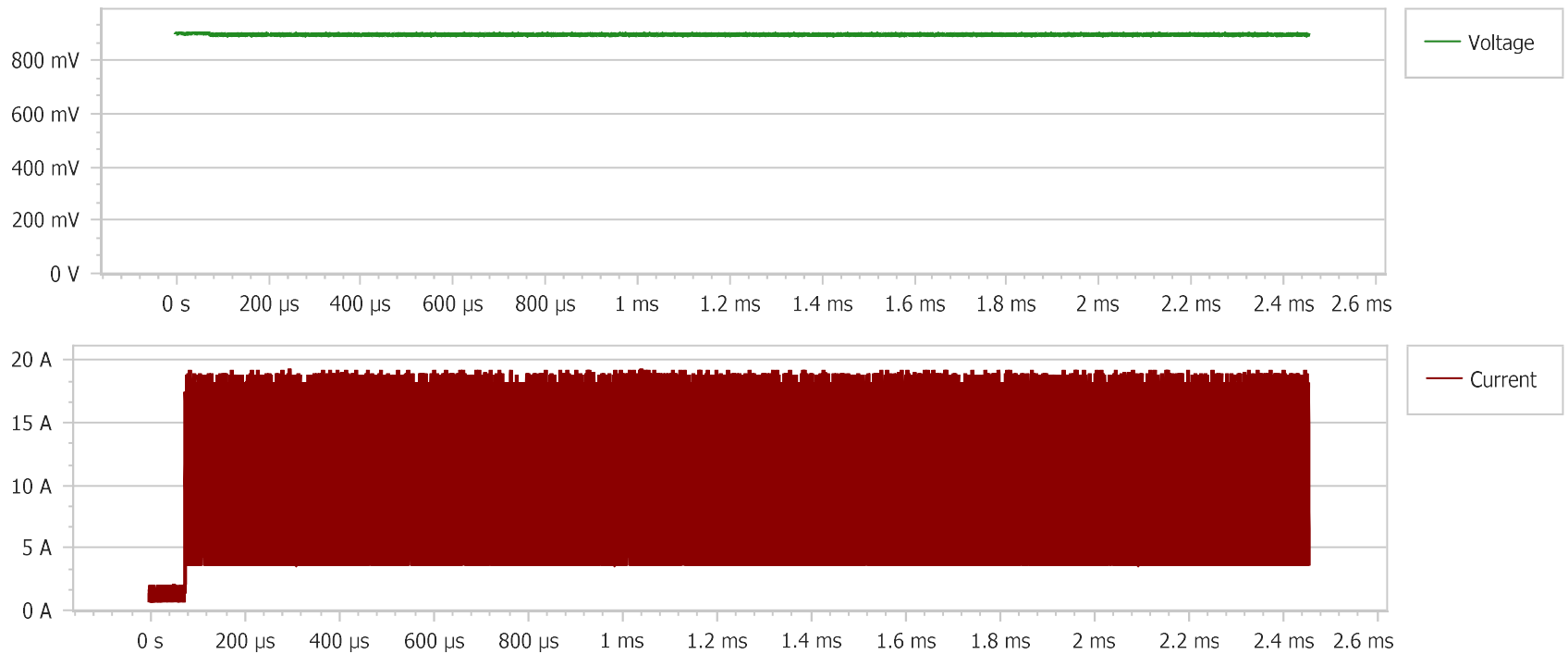
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

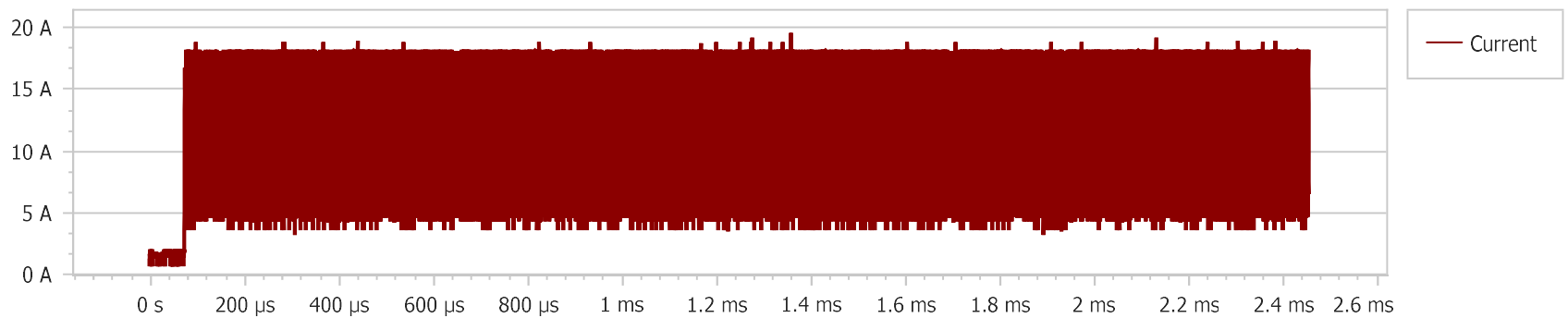
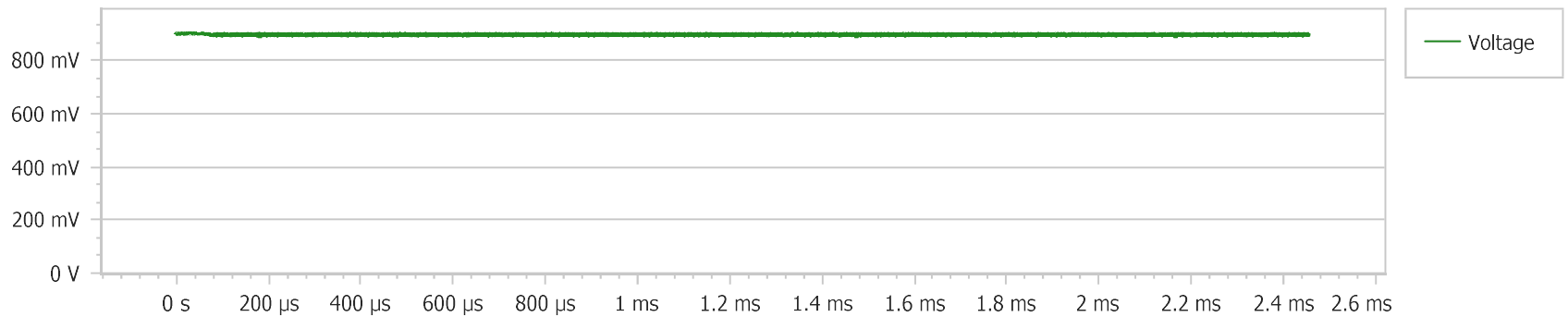
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

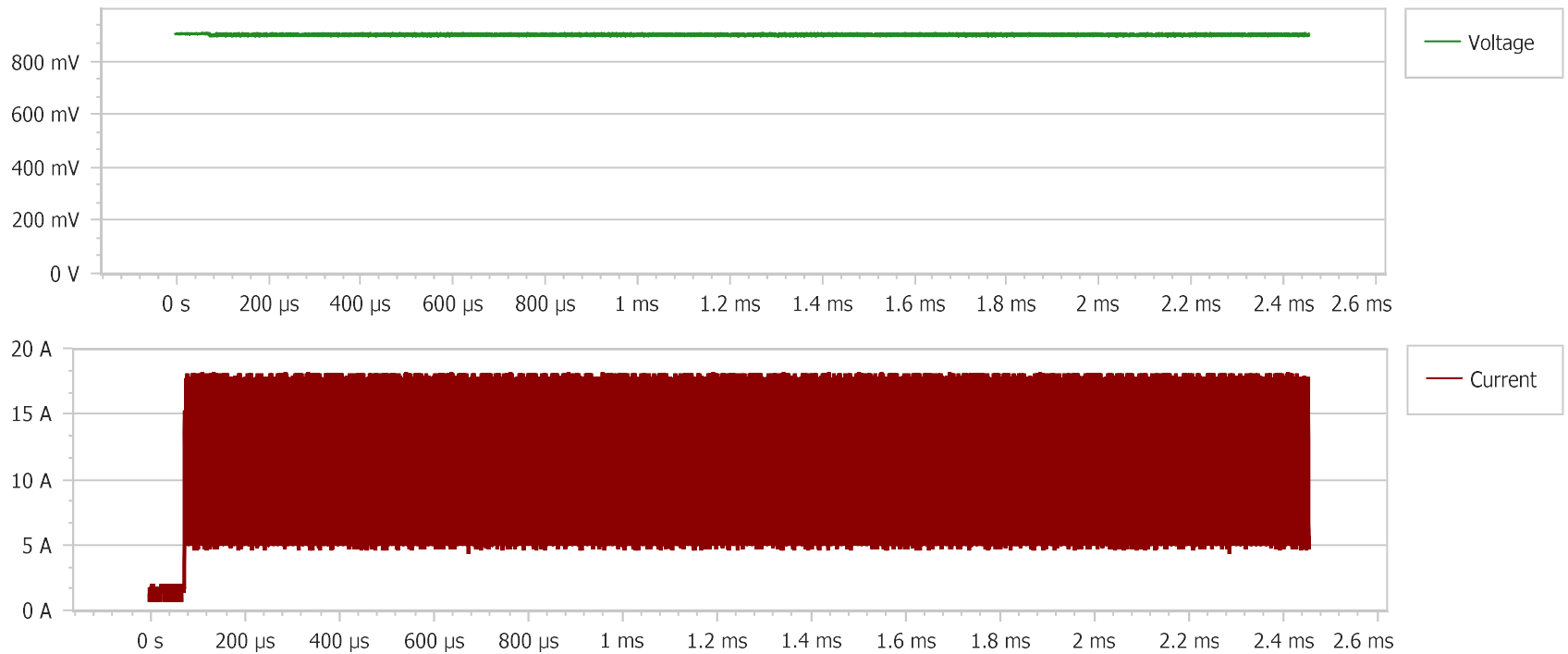
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

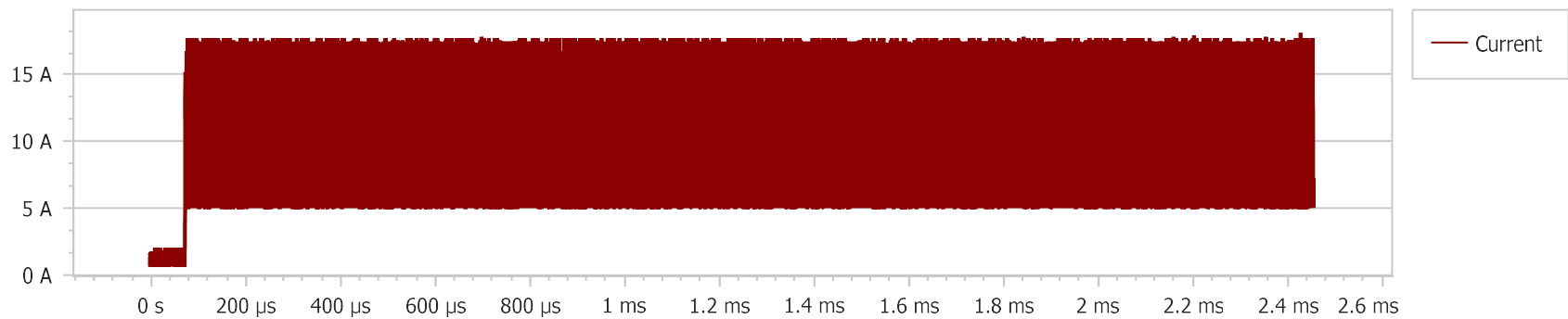
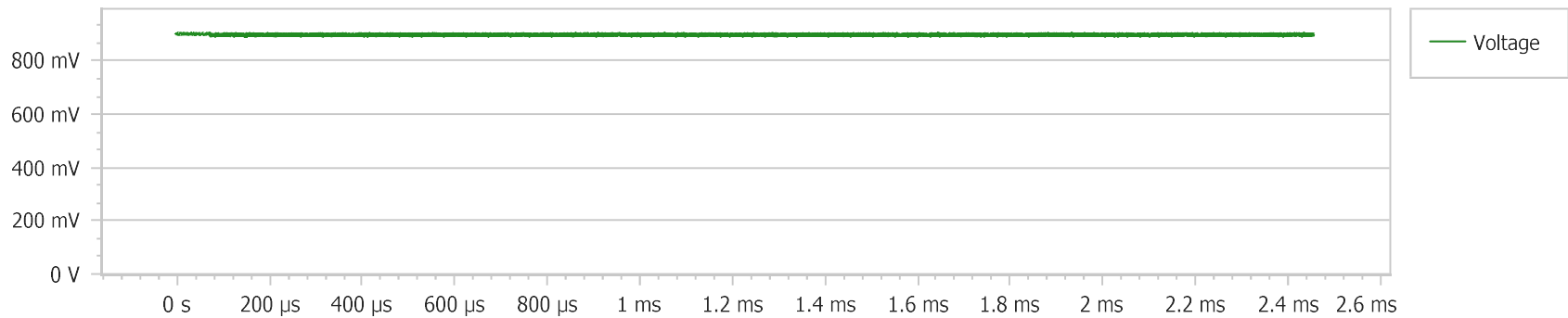
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

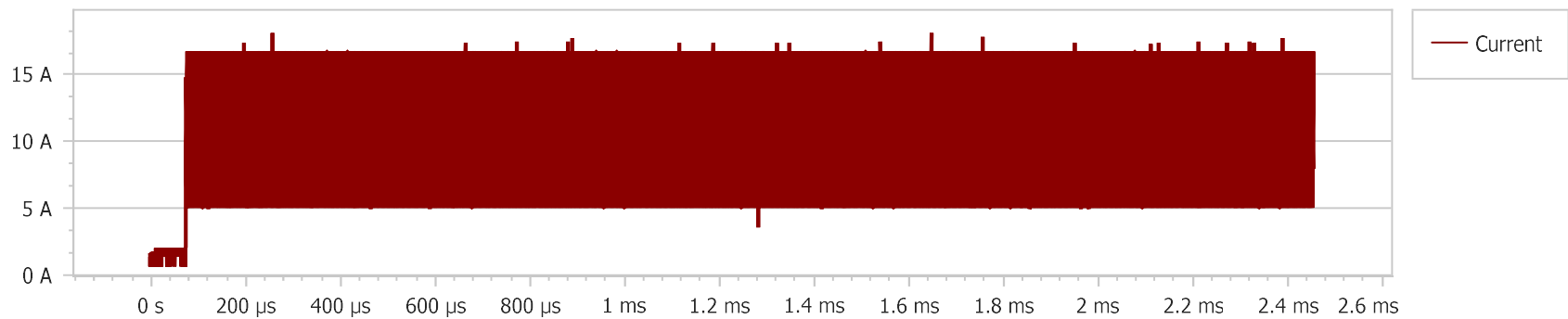
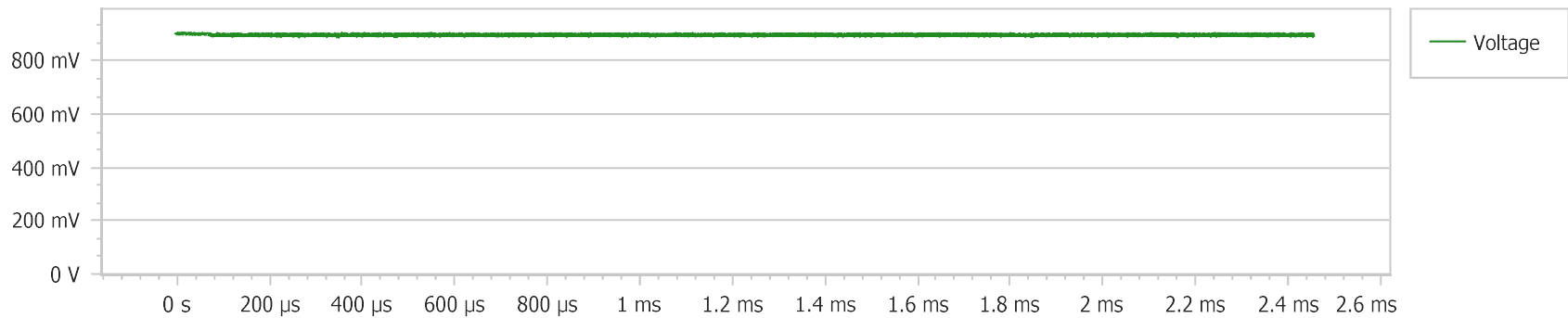
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 420 kHz

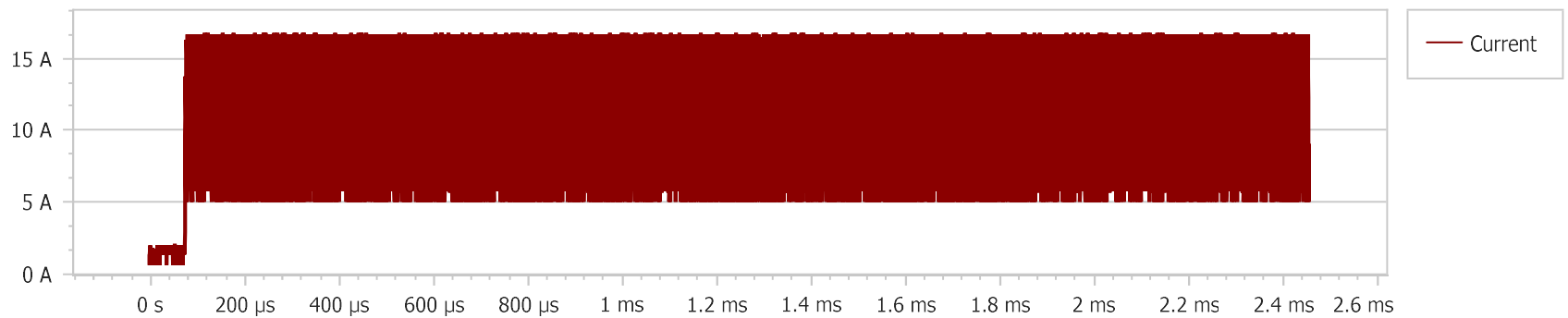
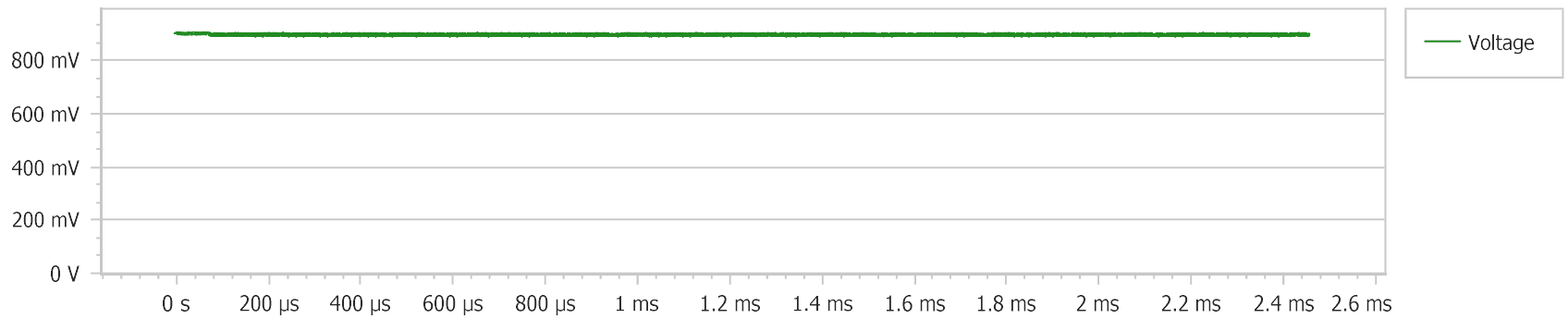
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 440 kHz

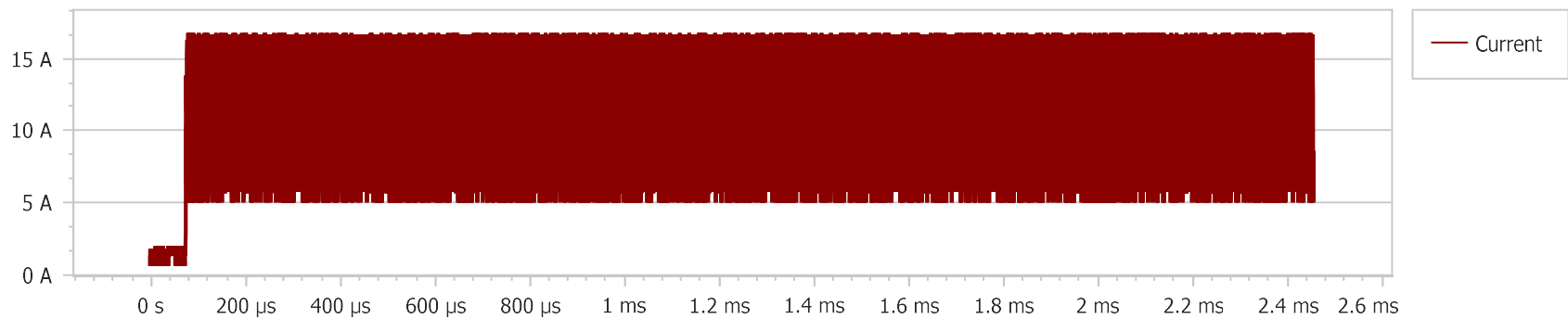
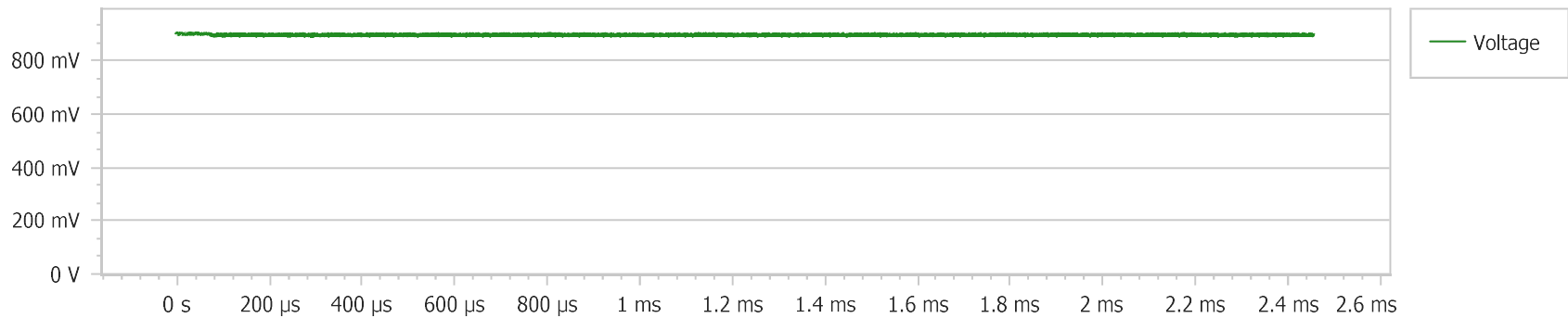
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 460 kHz

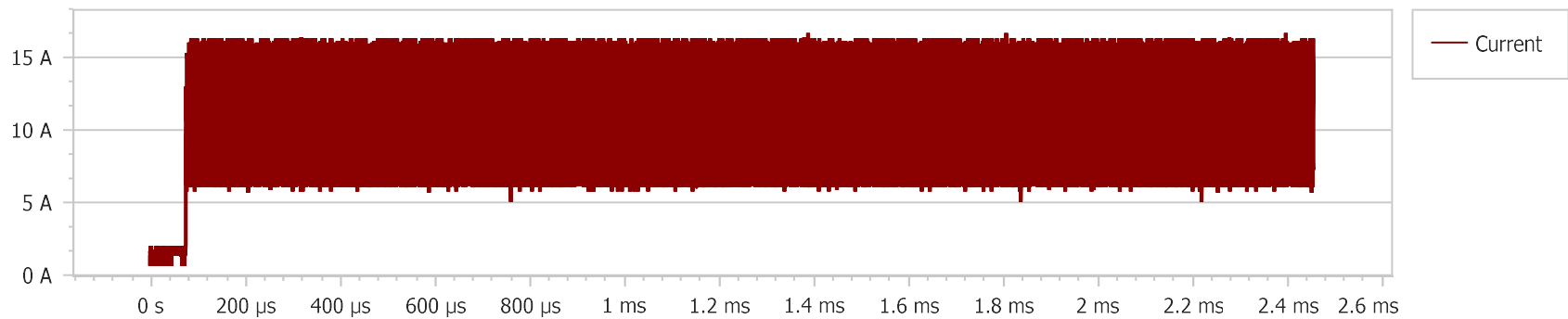
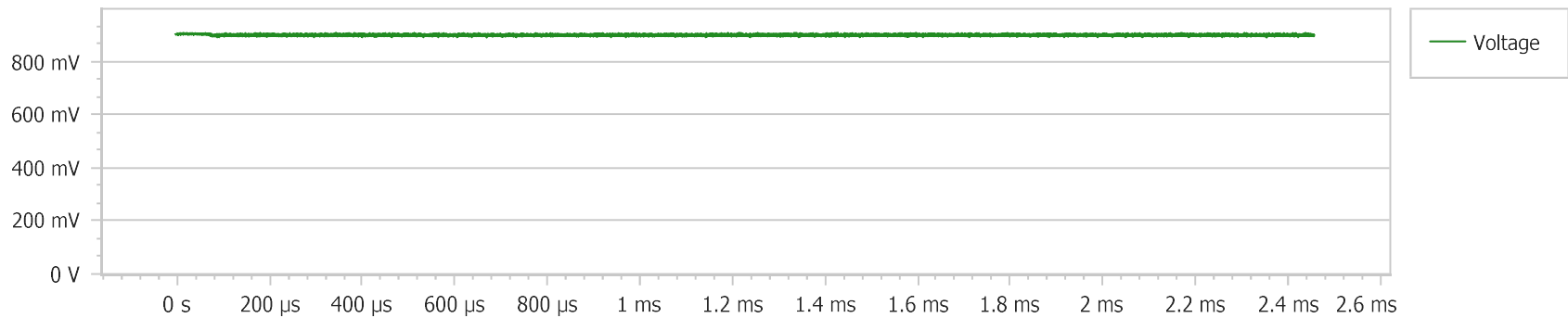
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 480 kHz

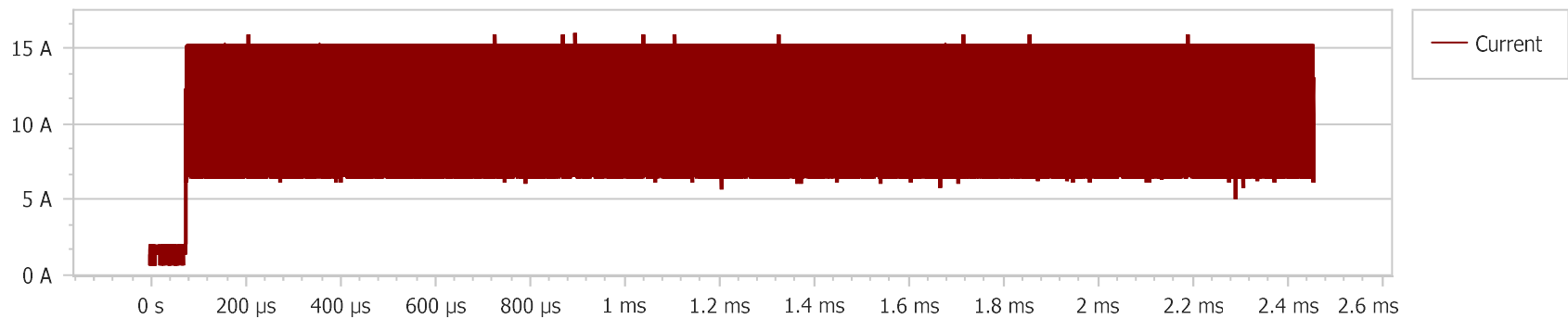
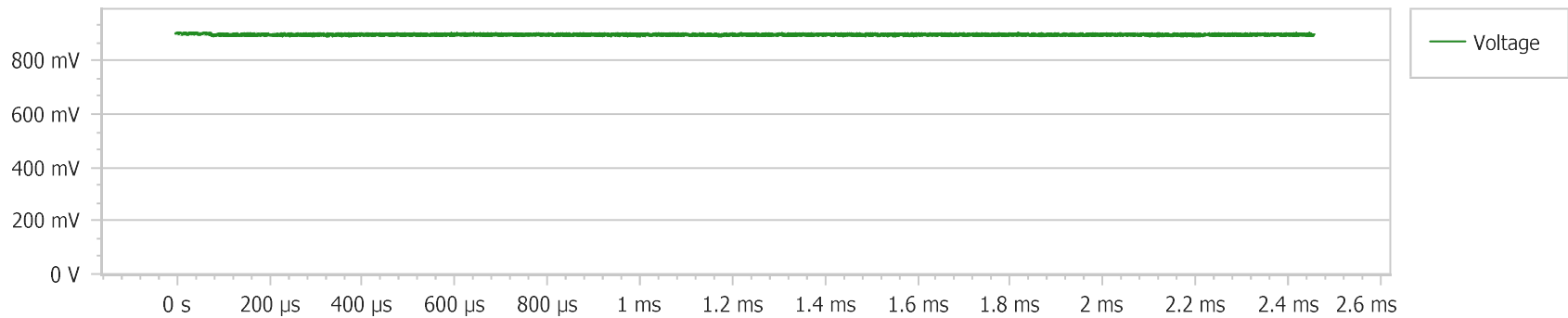
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 1 kHz

Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 2 kHz

Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 3 kHz

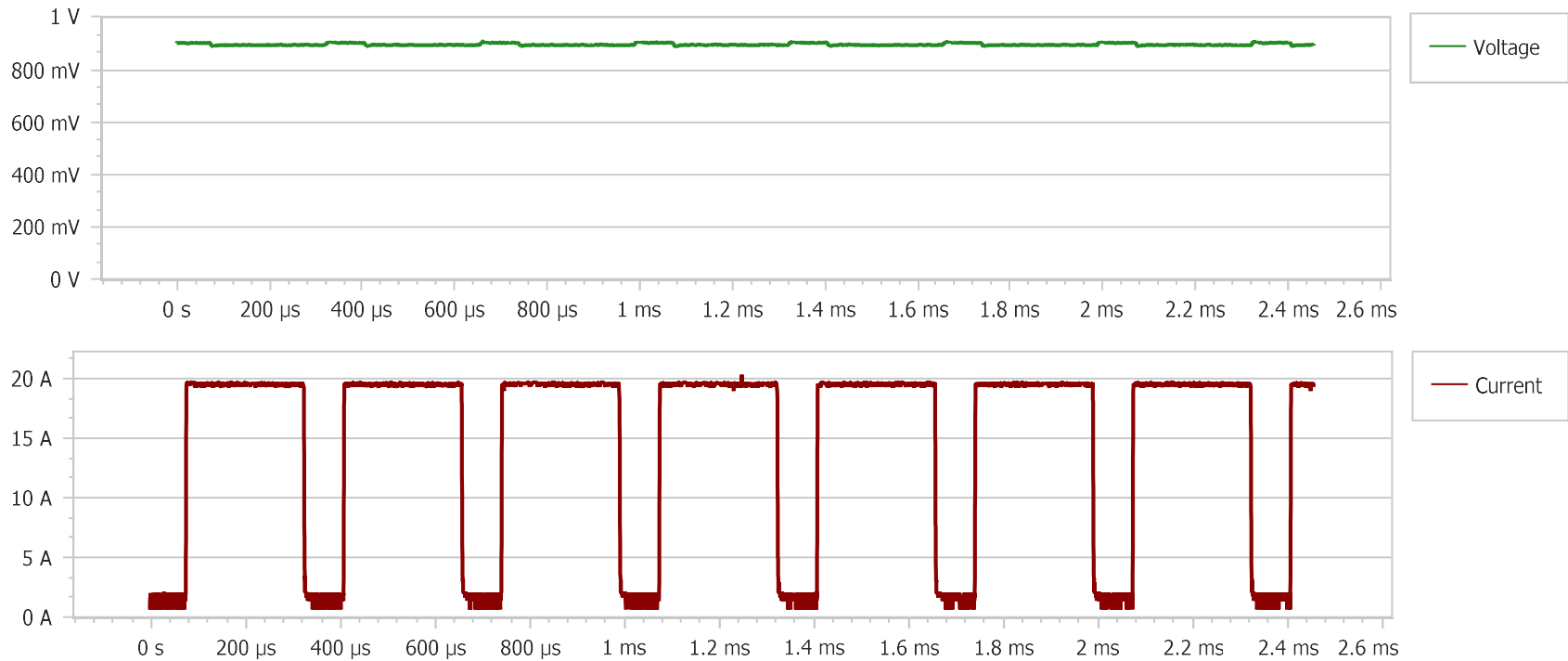
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 4 kHz

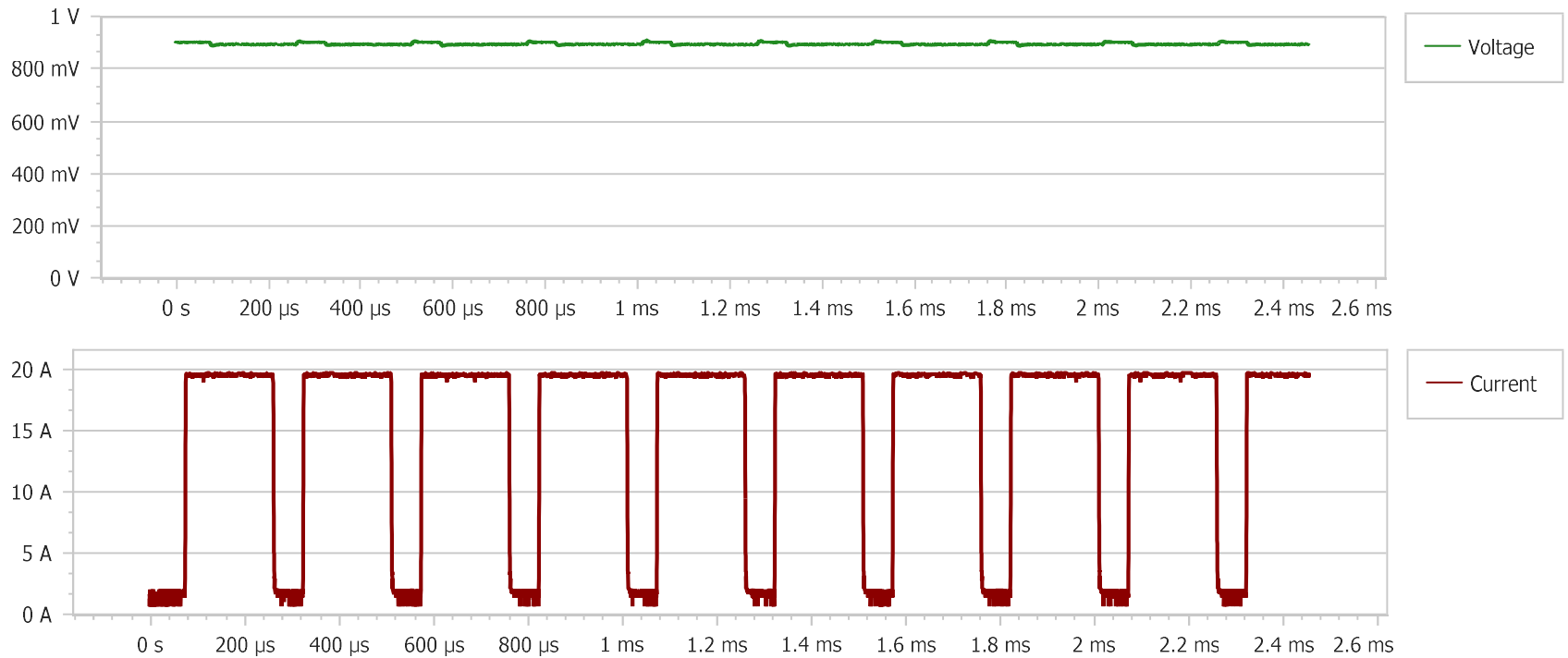
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 5 kHz

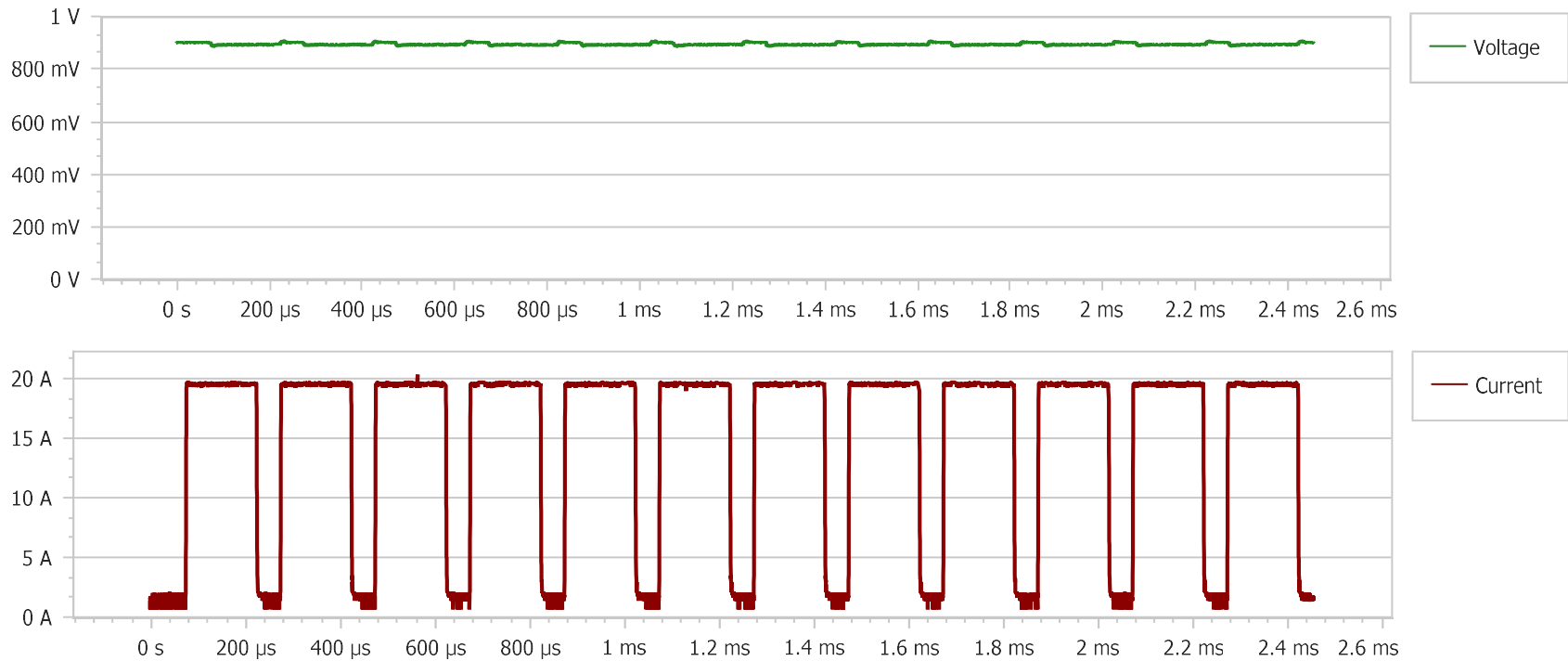
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 6 kHz

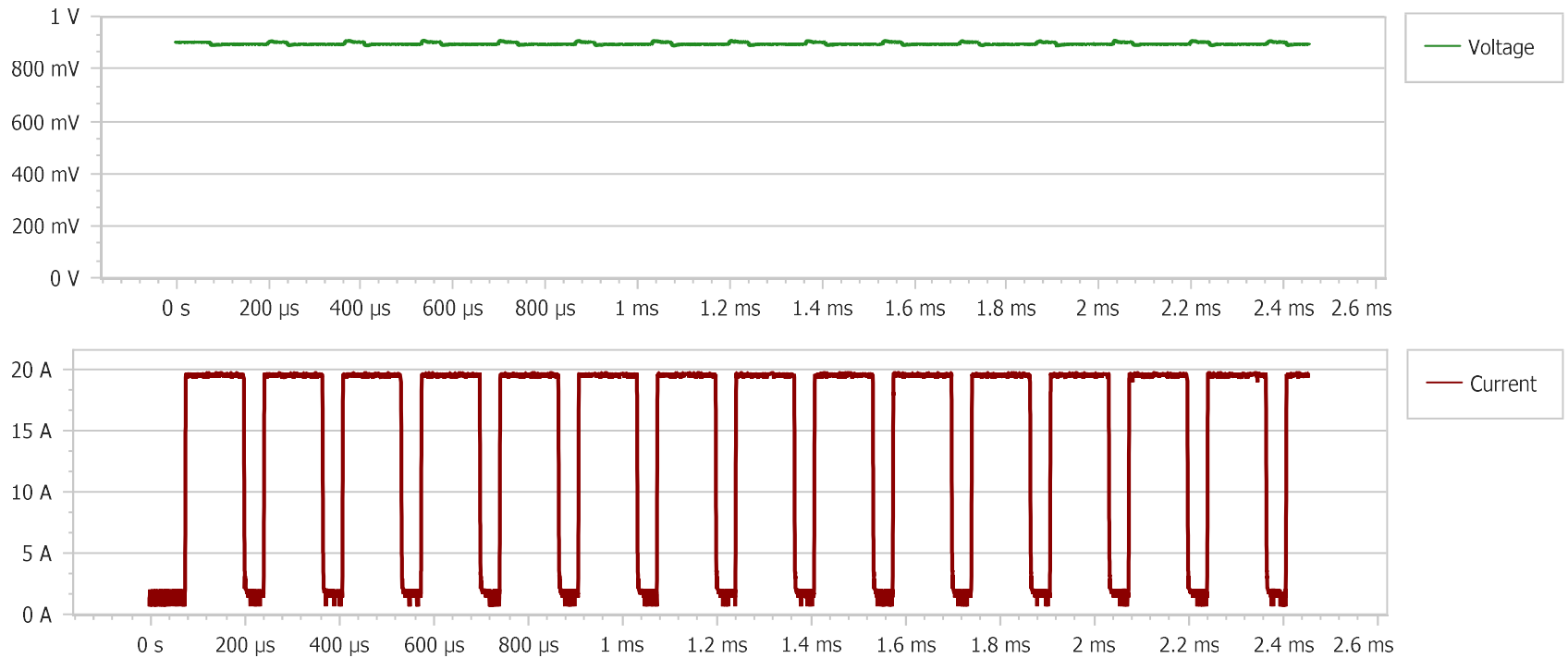
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 7 kHz

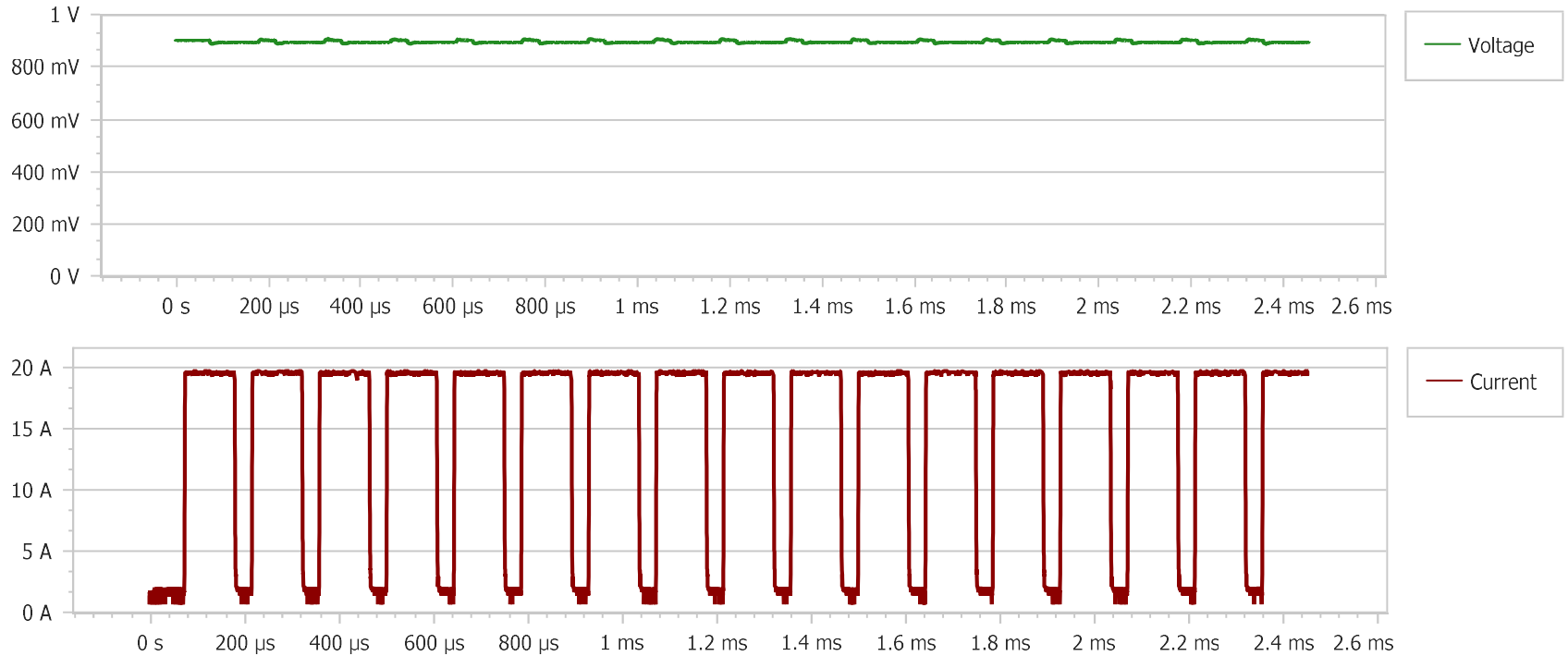
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 8 kHz

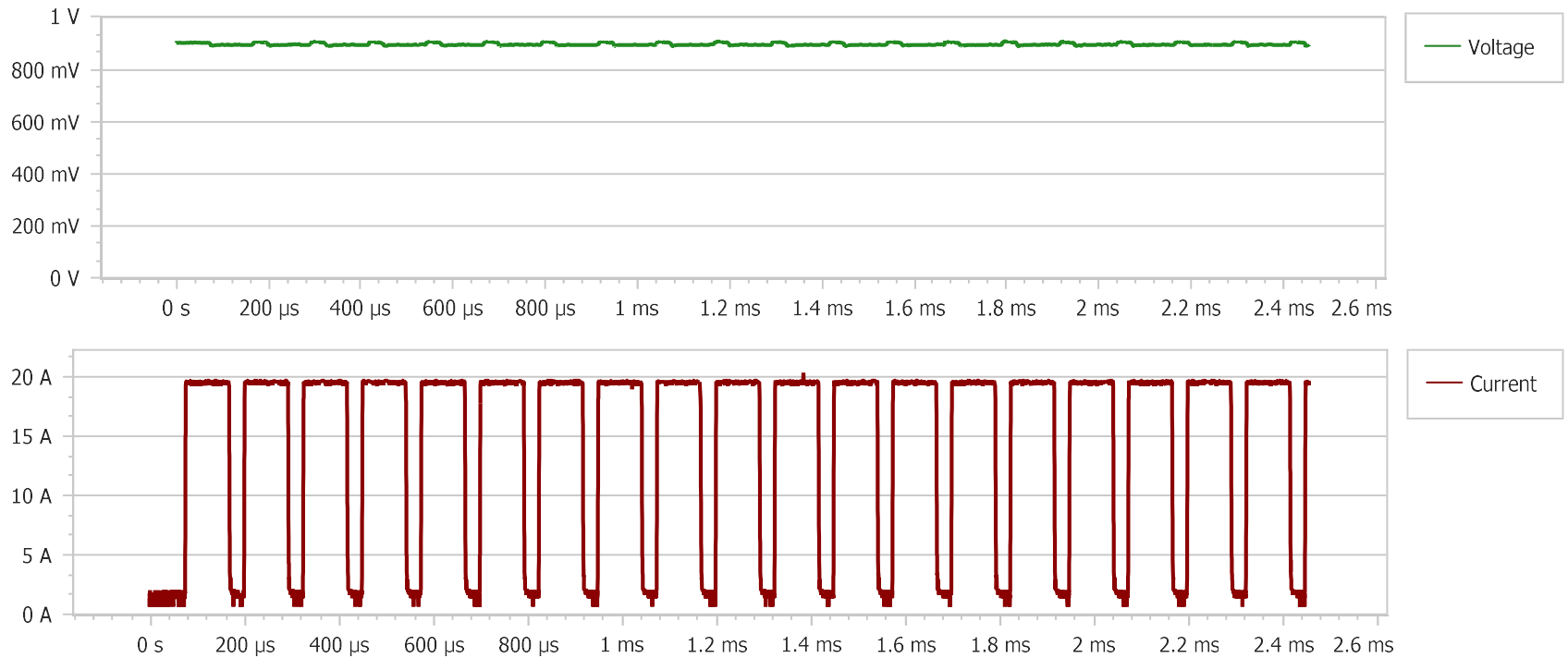
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 9 kHz

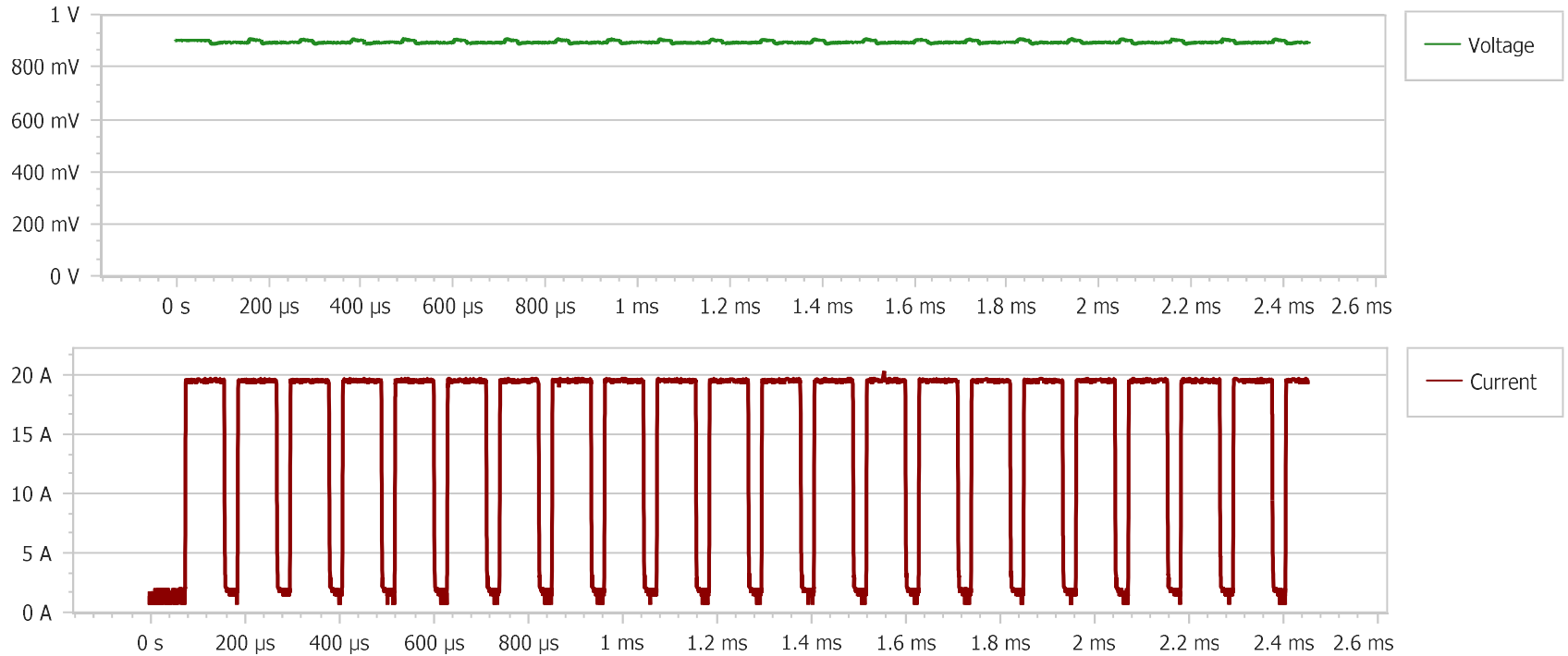
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 10 kHz

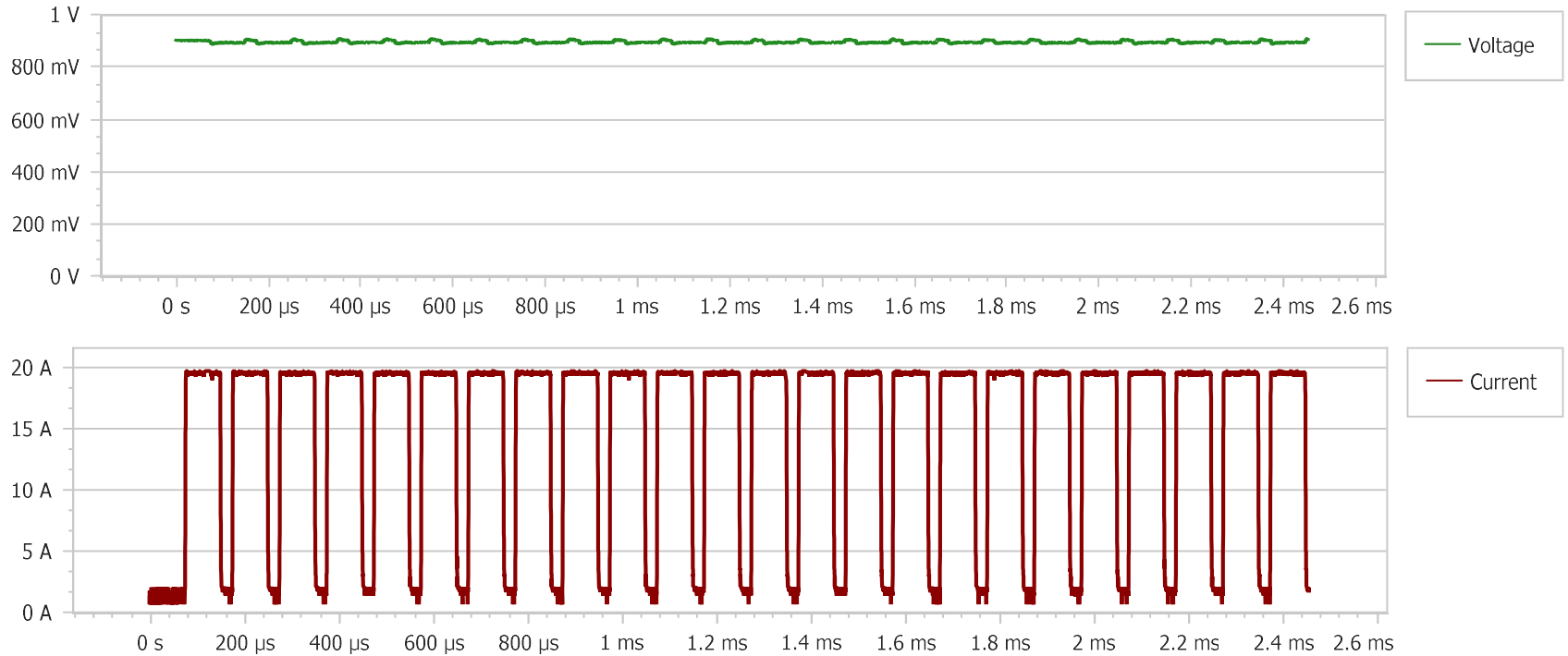
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ Ω

Waveform Analysis:

Frequency: 20 kHz

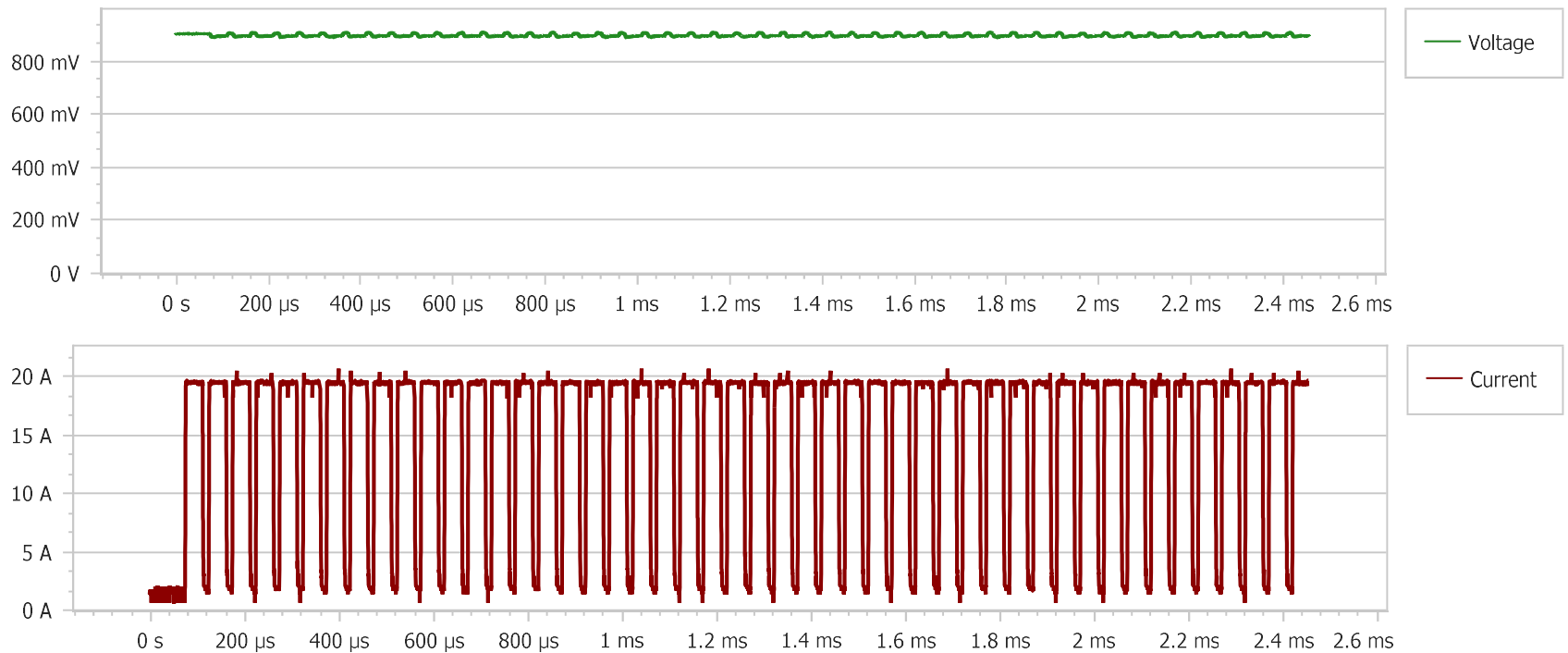
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 30 kHz

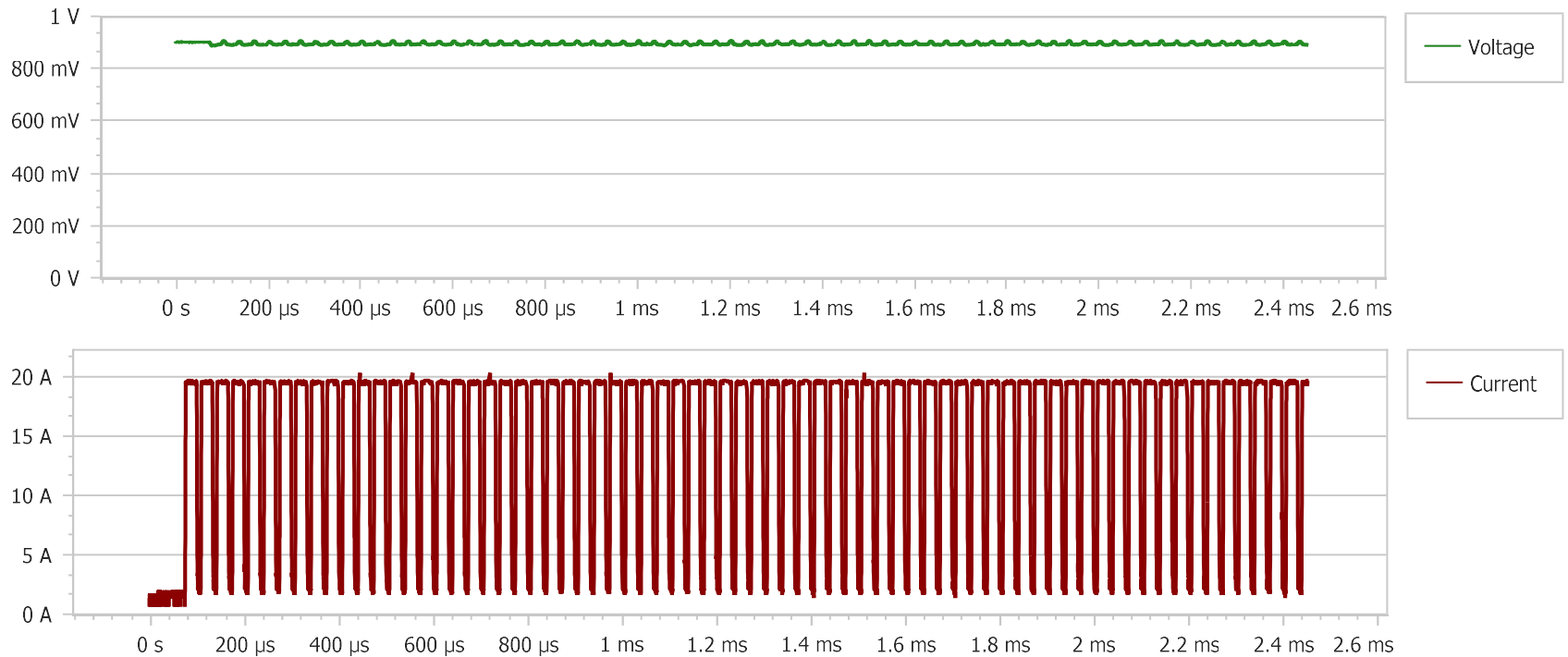
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 40 kHz

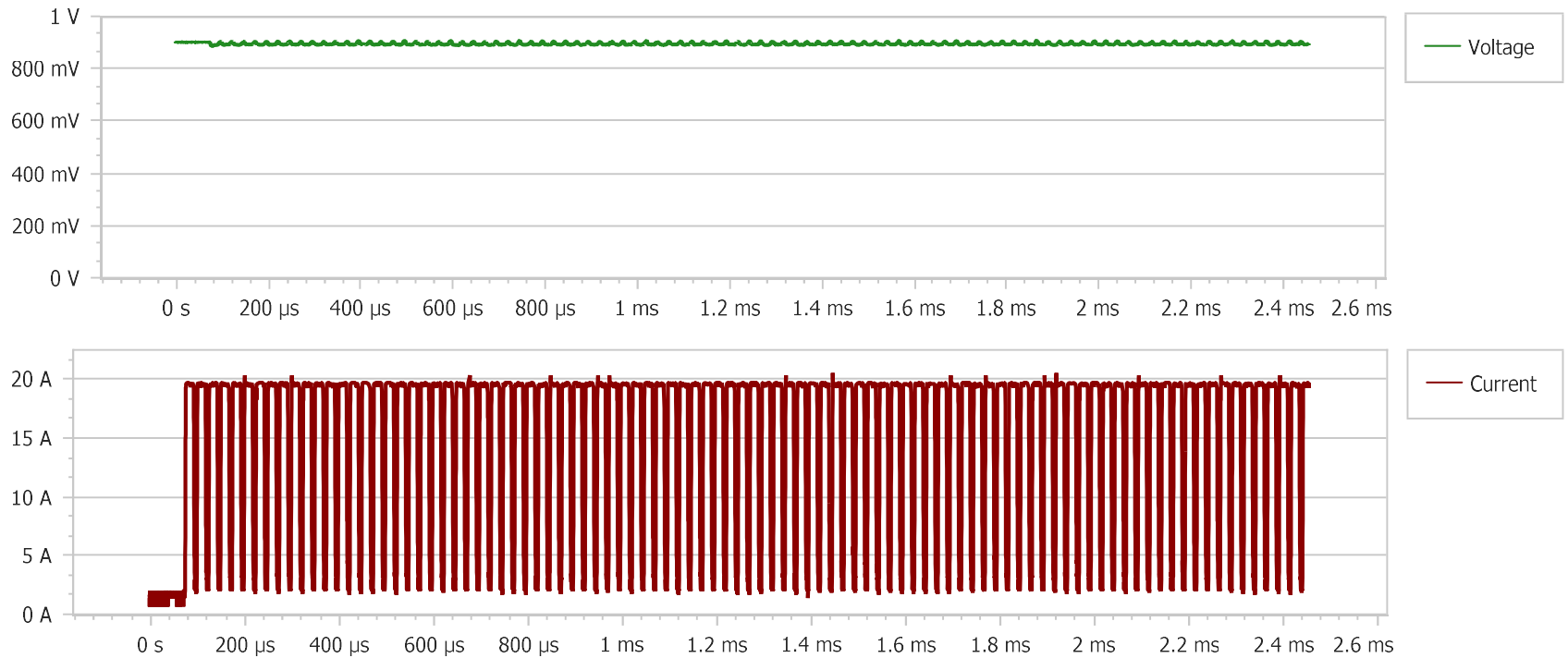
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 50 kHz

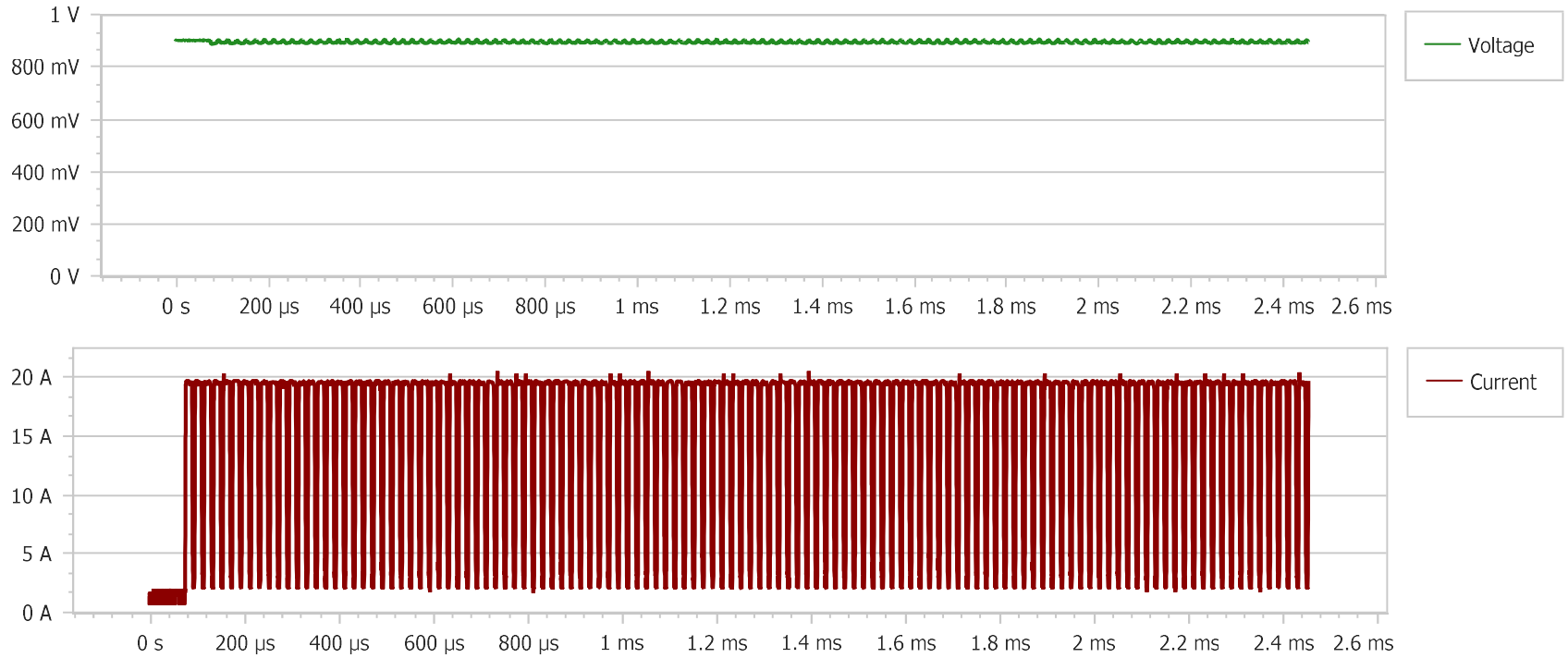
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 60 kHz

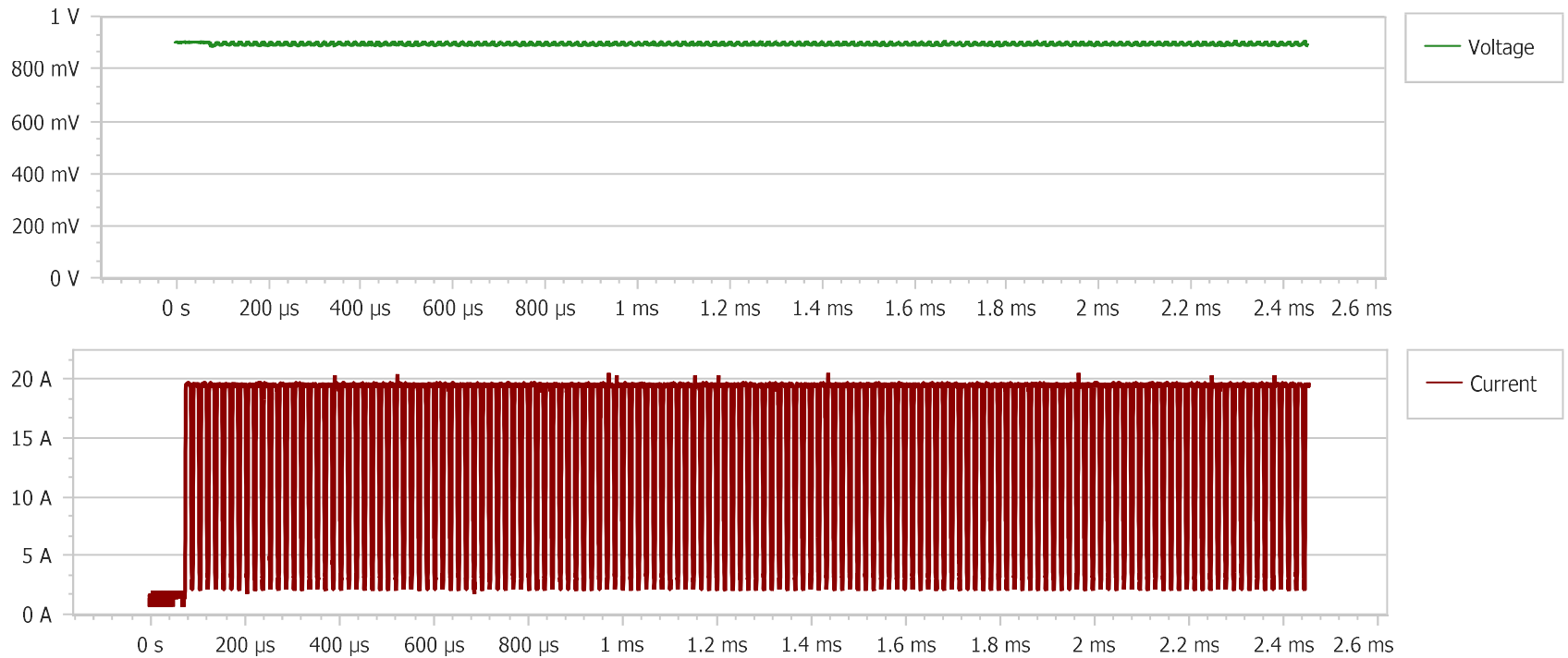
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 70 kHz

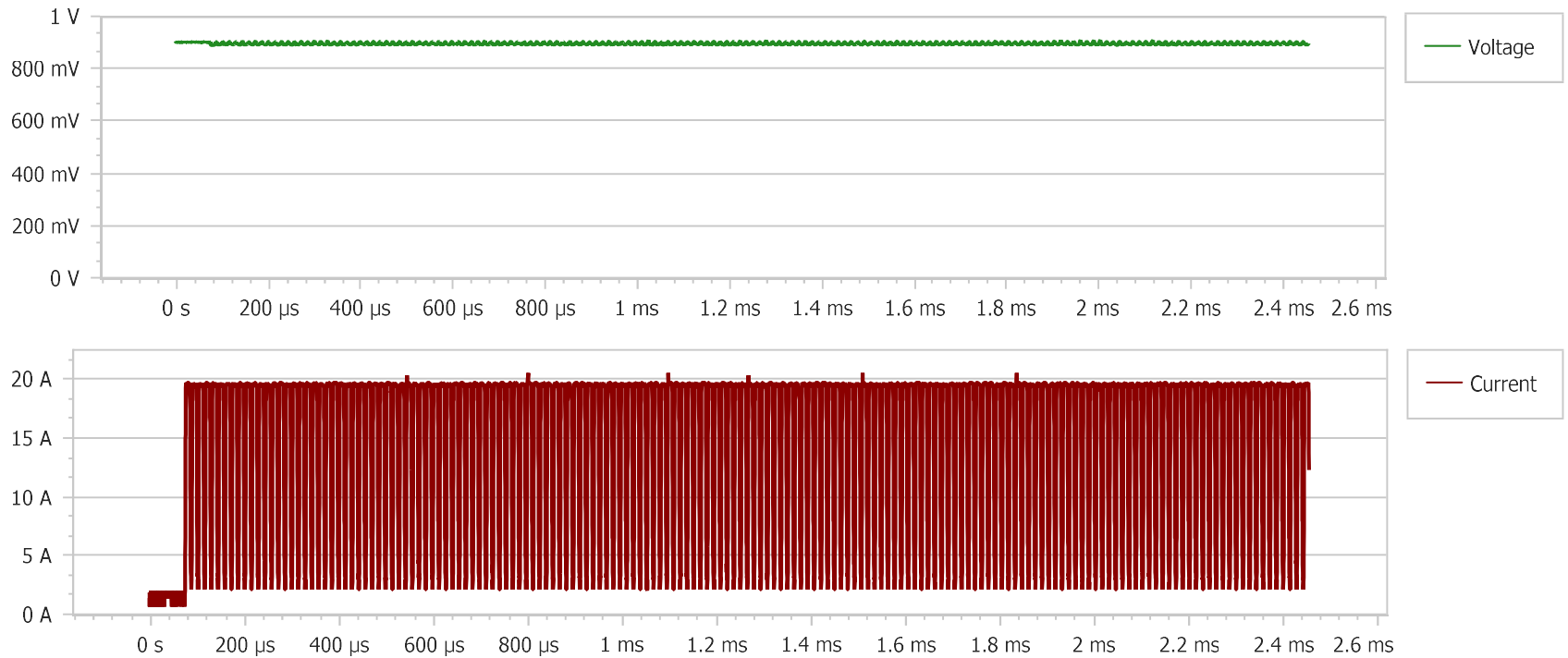
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 80 kHz

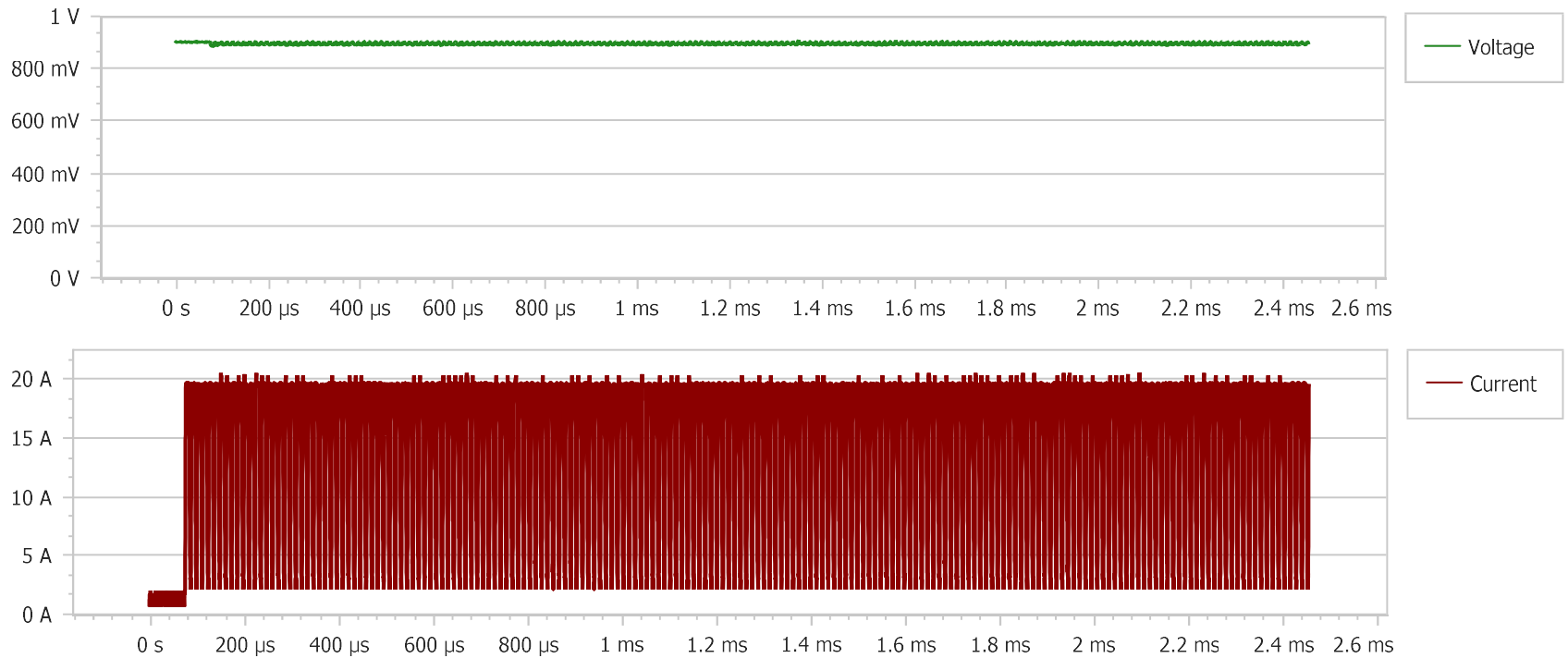
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 μ Ω

Waveform Analysis:

Frequency: 90 kHz

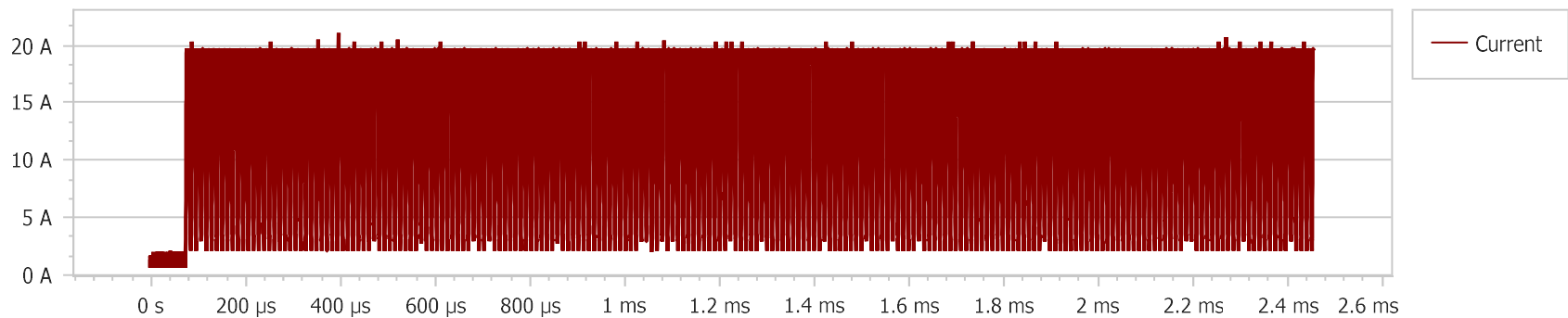
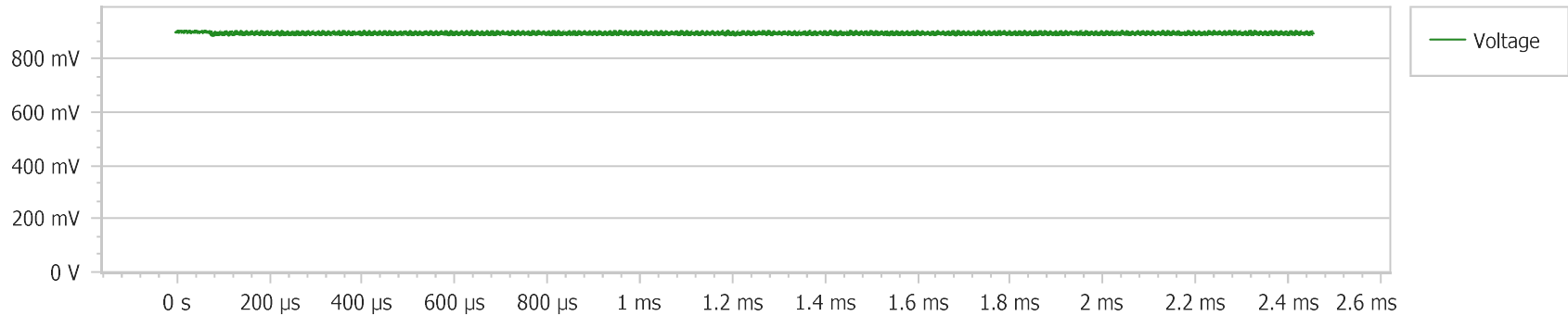
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 100 kHz

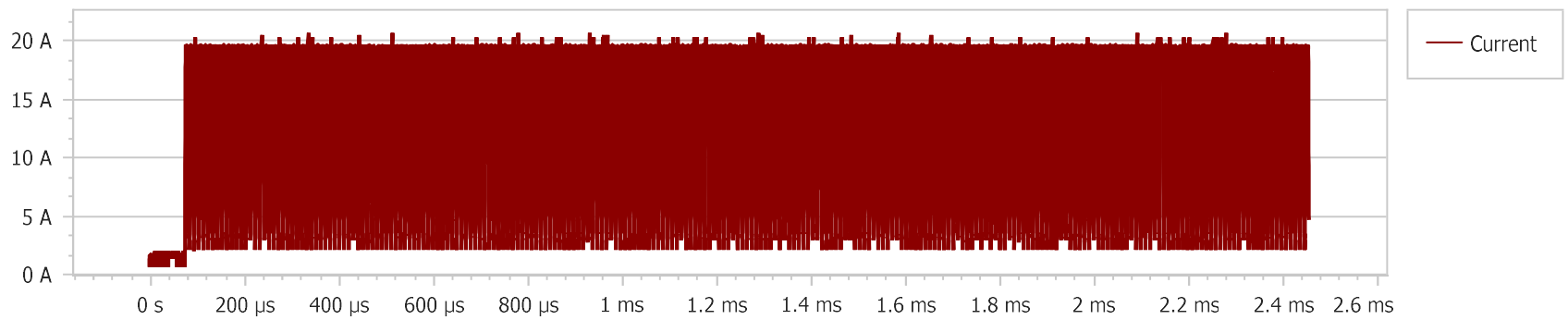
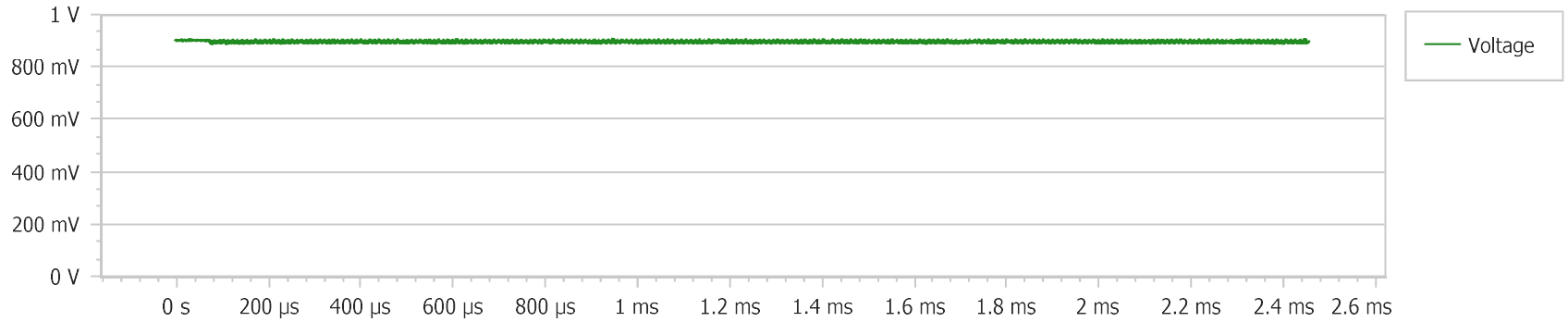
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 120 kHz

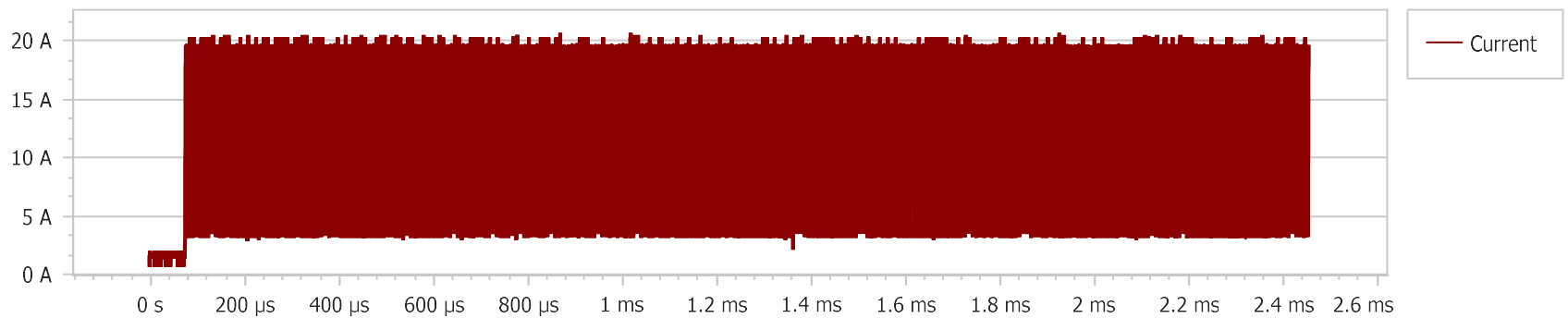
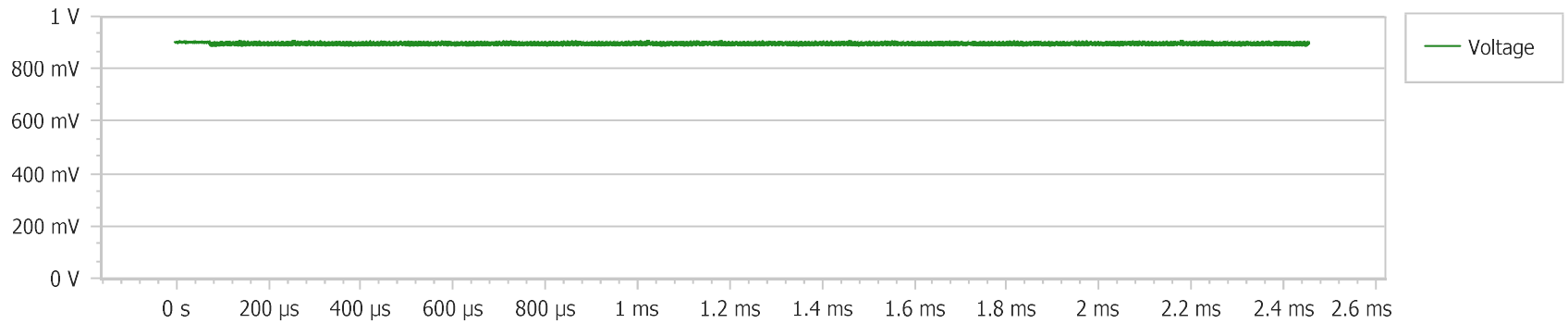
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 140 kHz

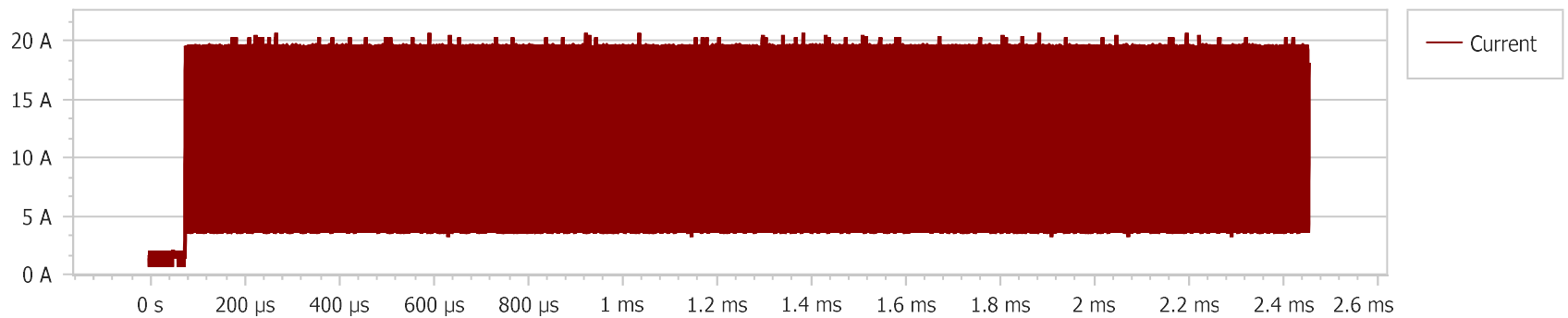
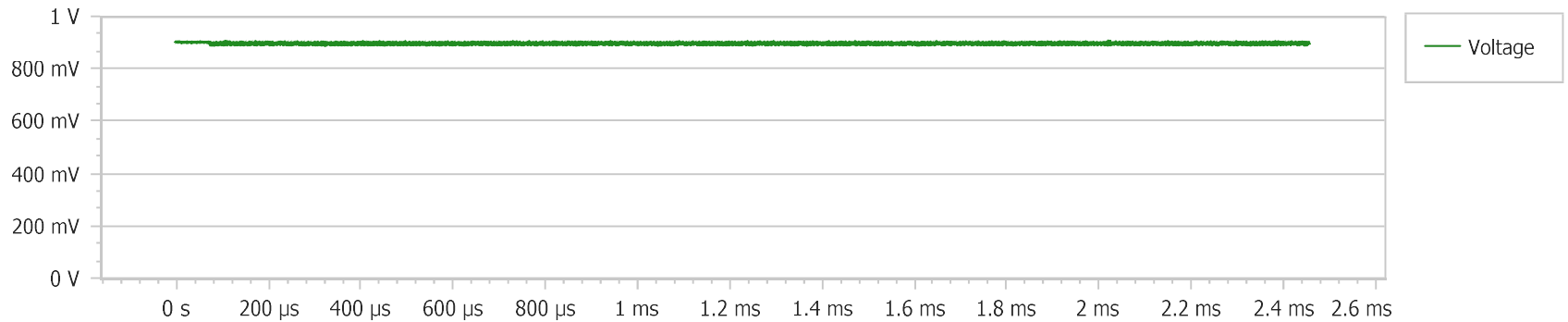
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 160 kHz

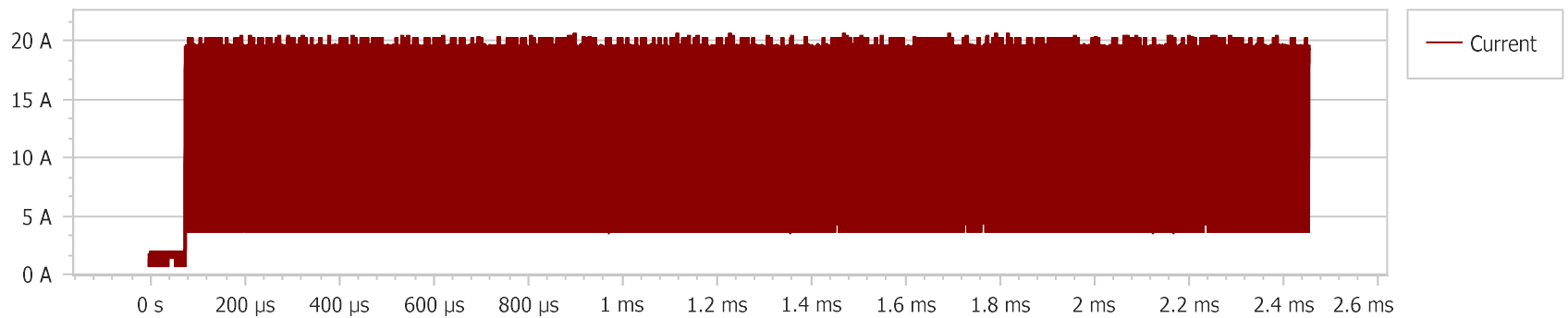
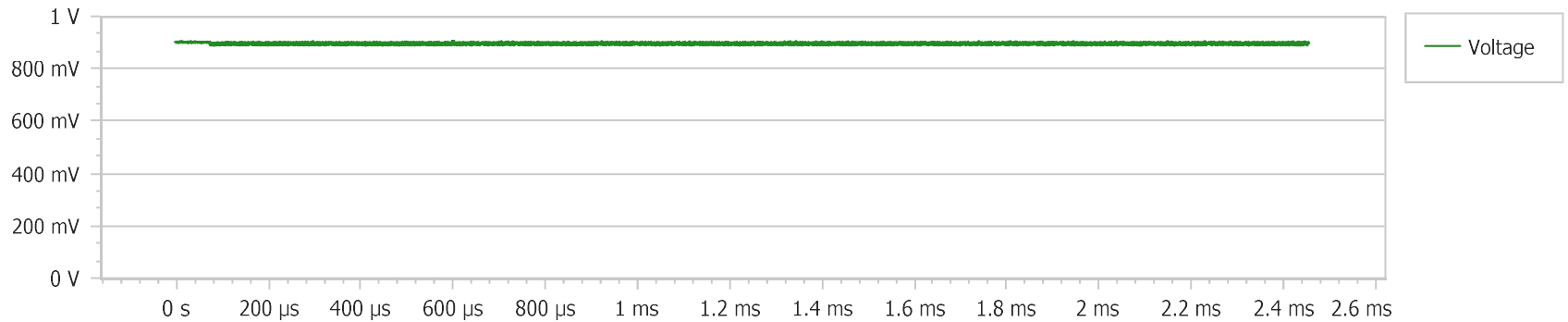
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 180 kHz

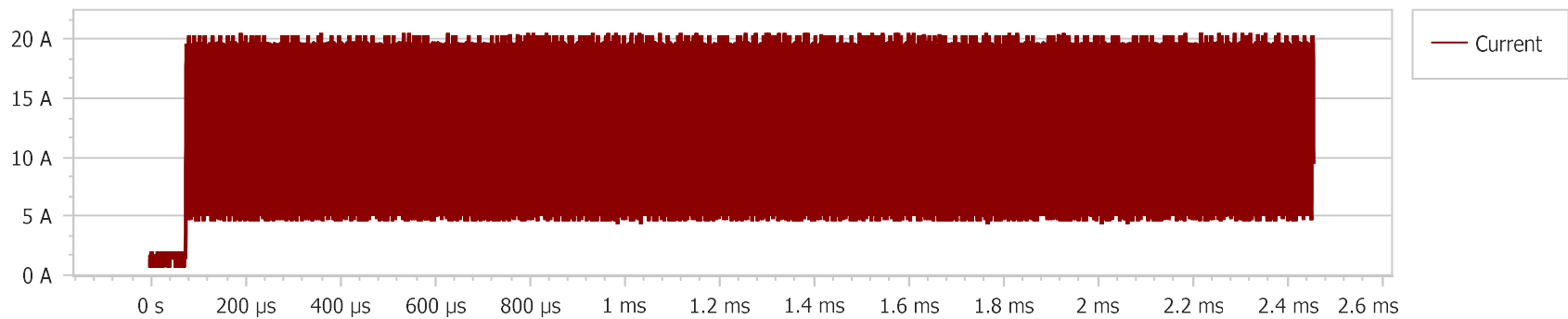
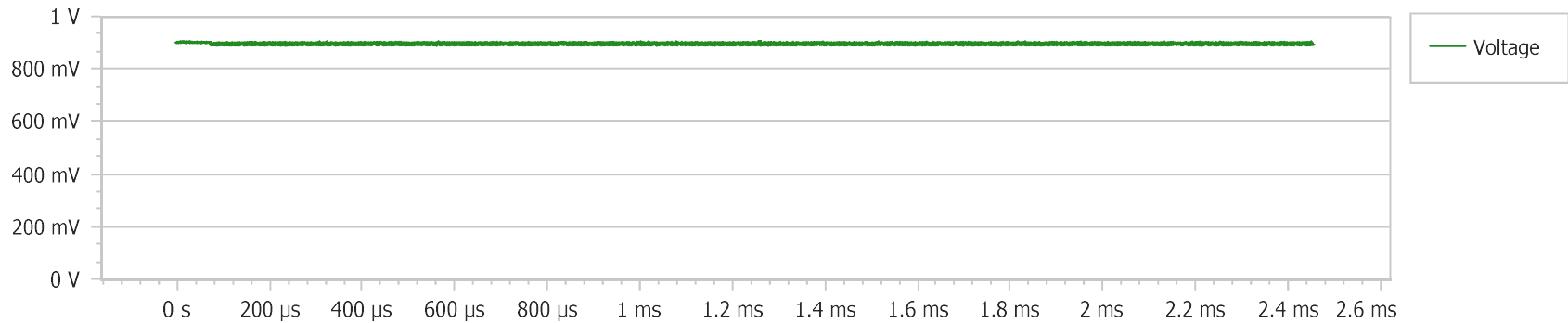
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 200 kHz

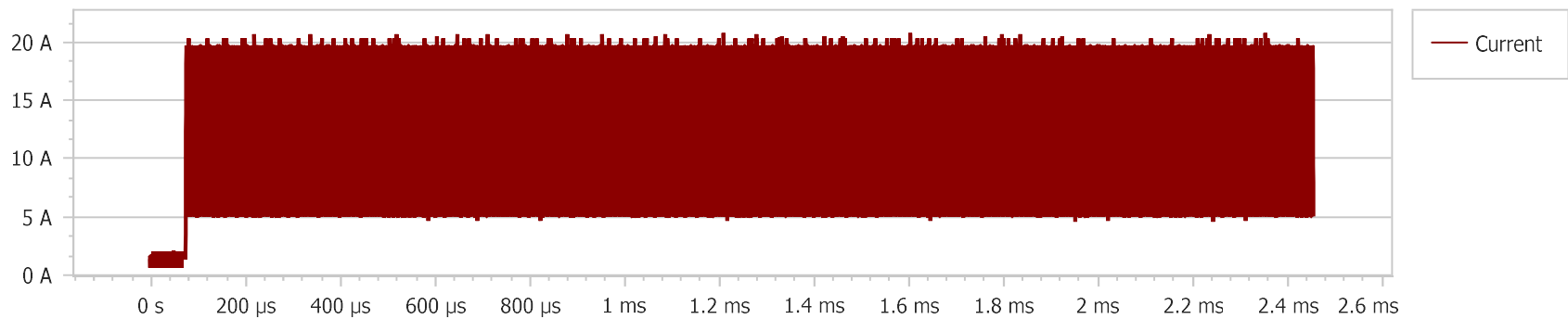
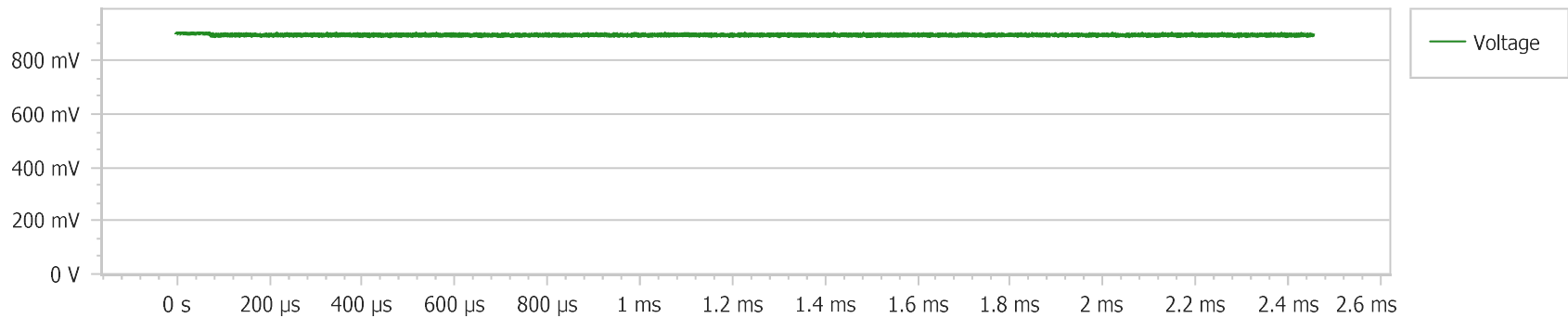
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 220 kHz

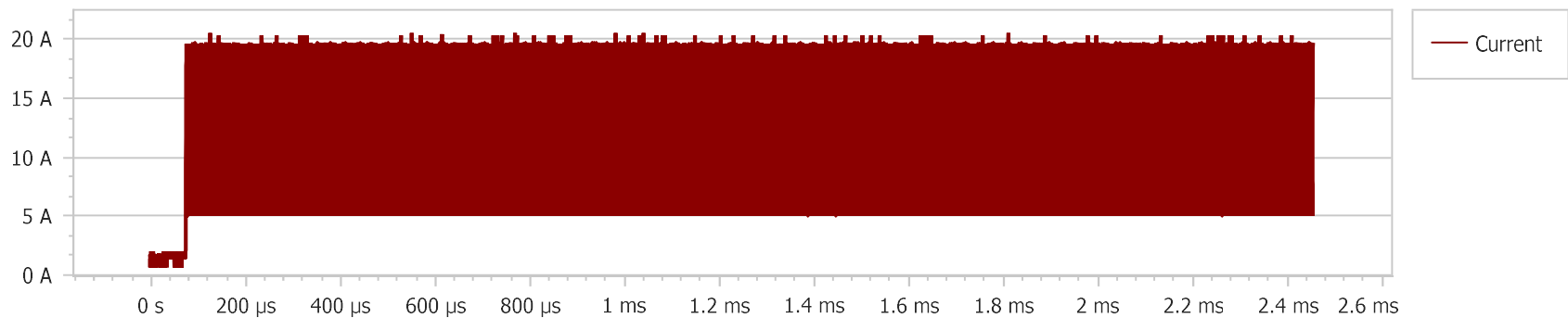
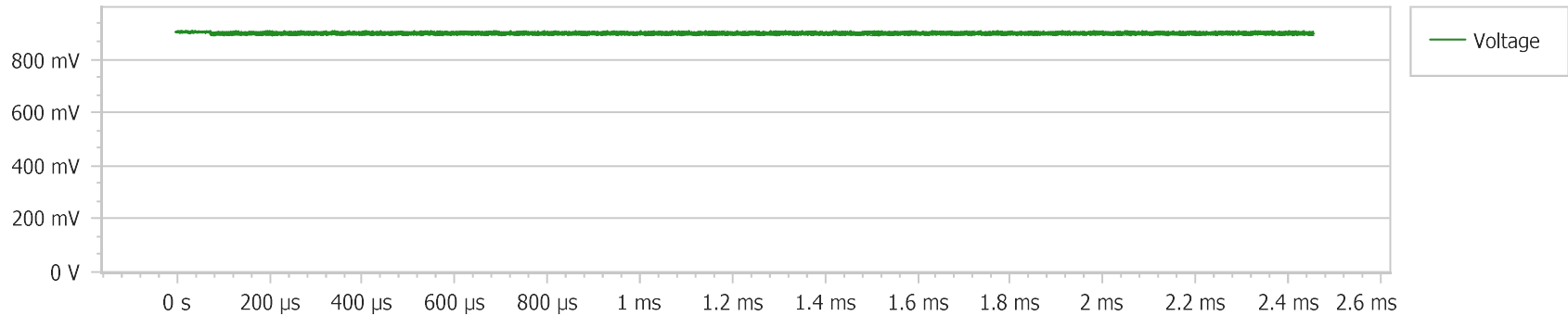
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 240 kHz

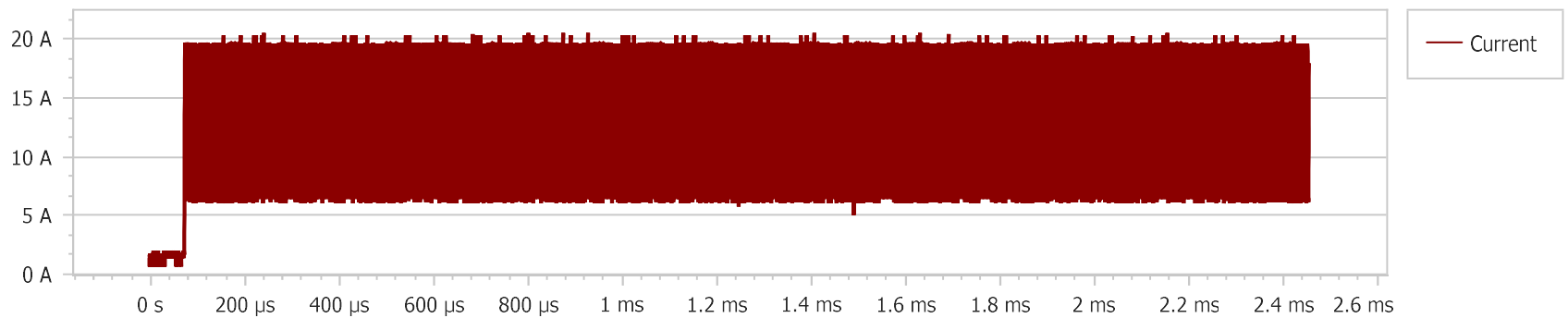
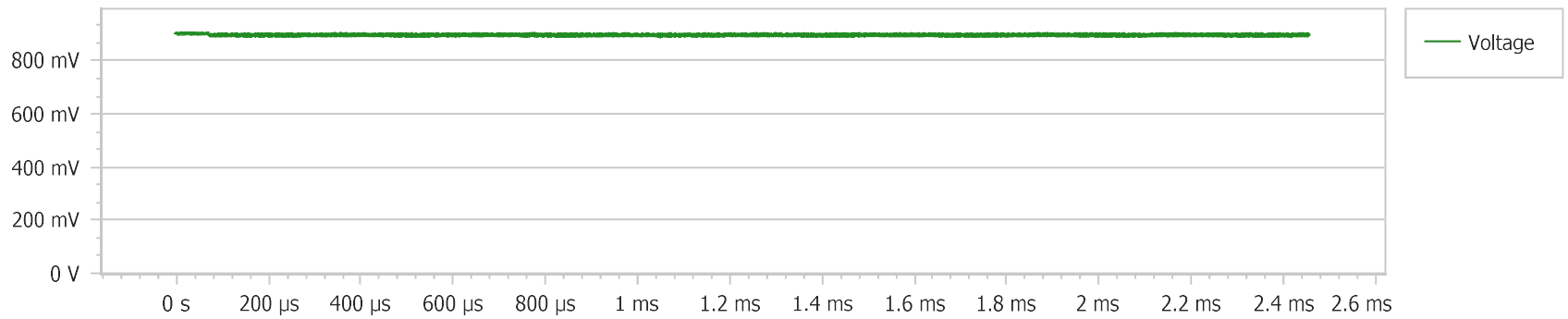
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 260 kHz

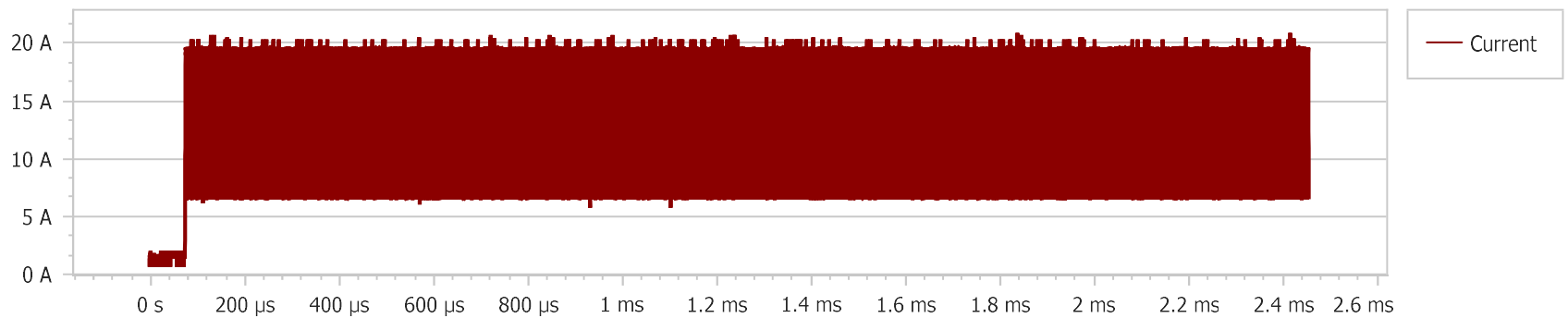
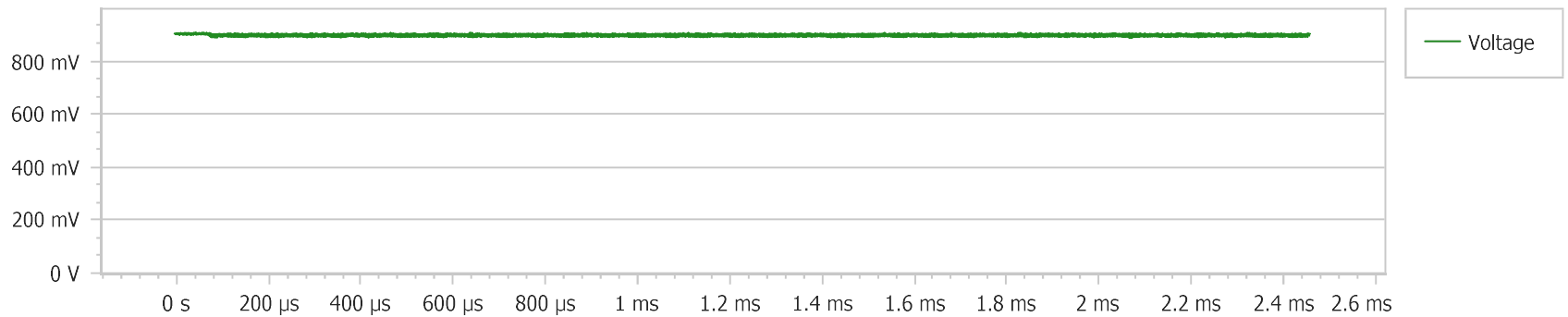
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 280 kHz

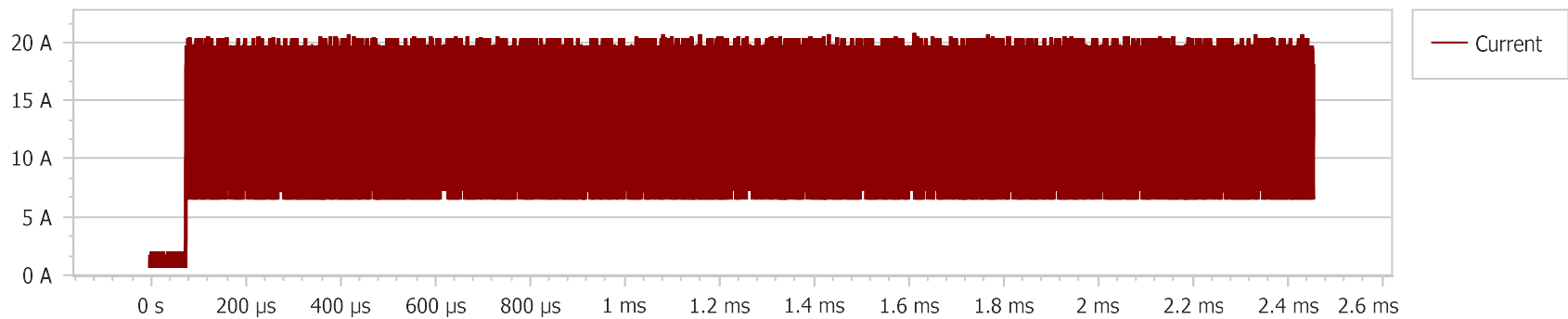
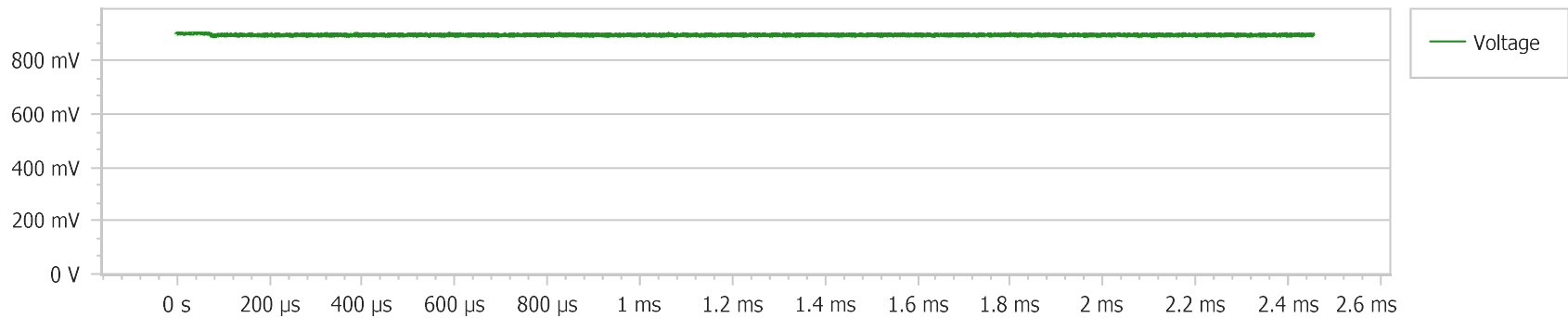
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 300 kHz

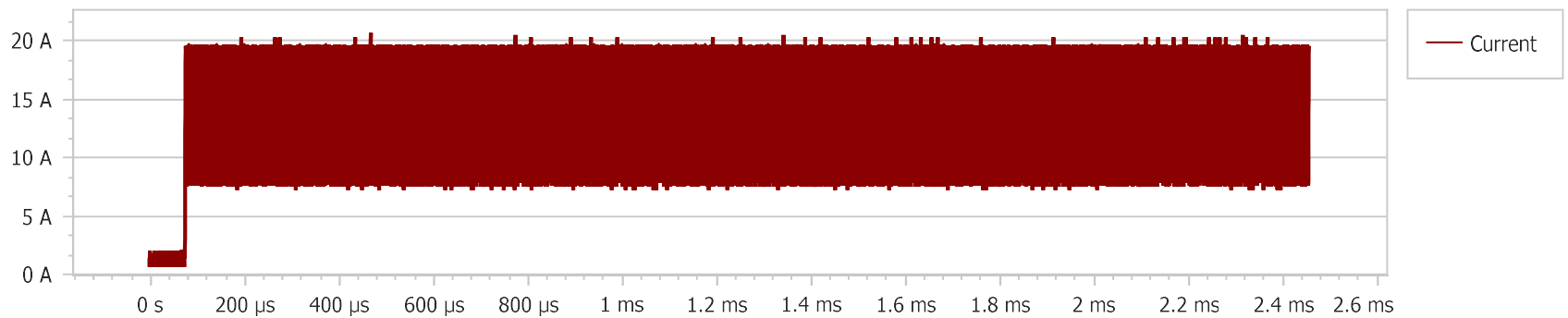
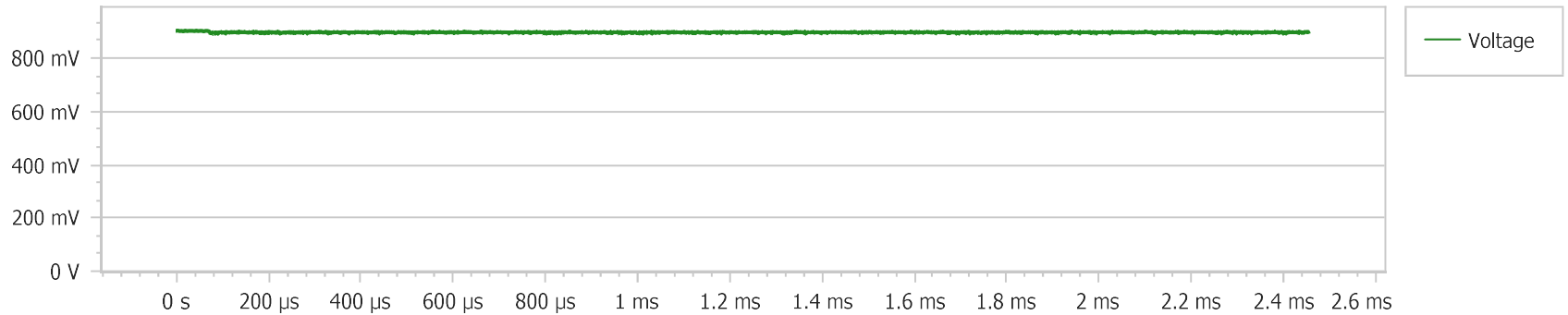
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 320 kHz

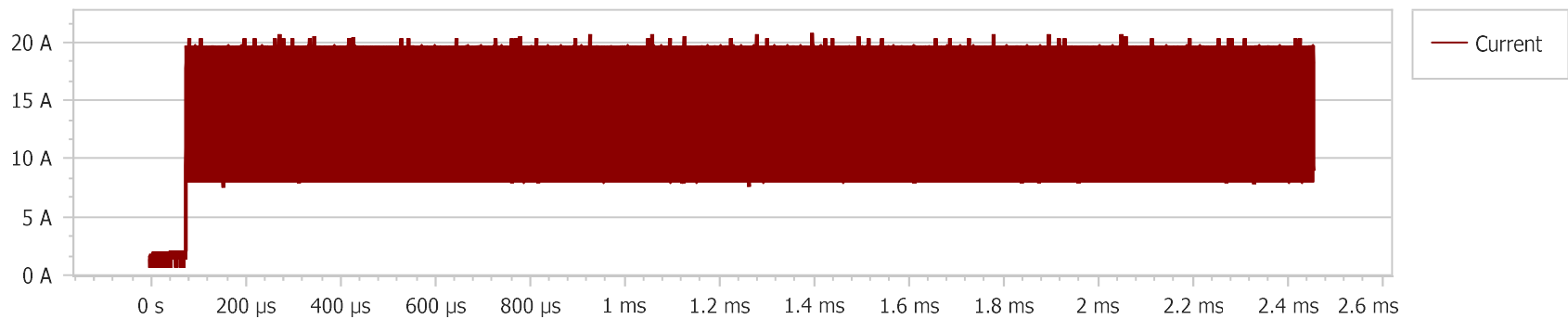
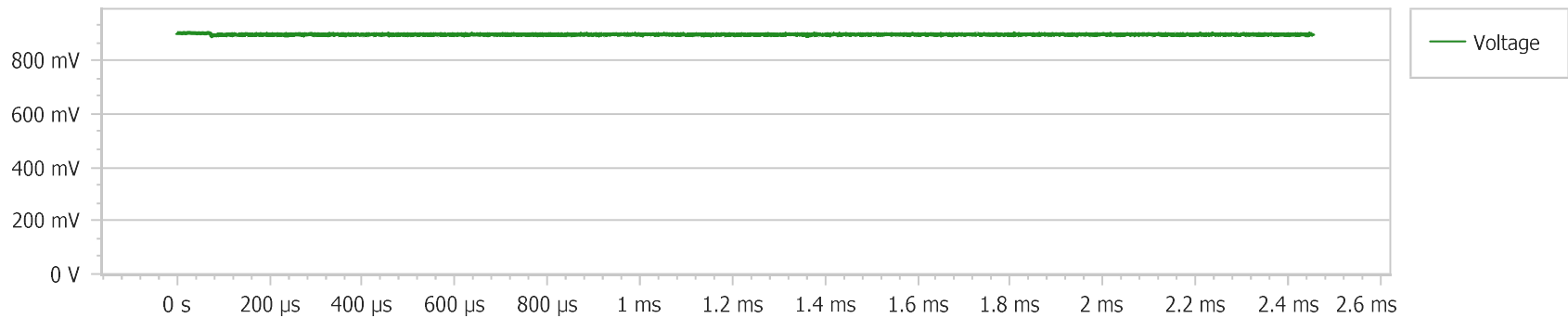
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 340 kHz

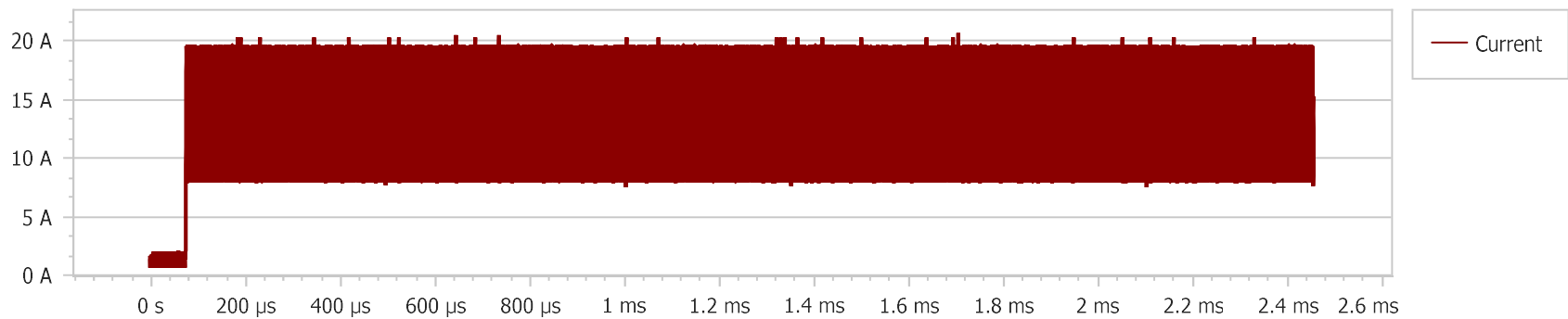
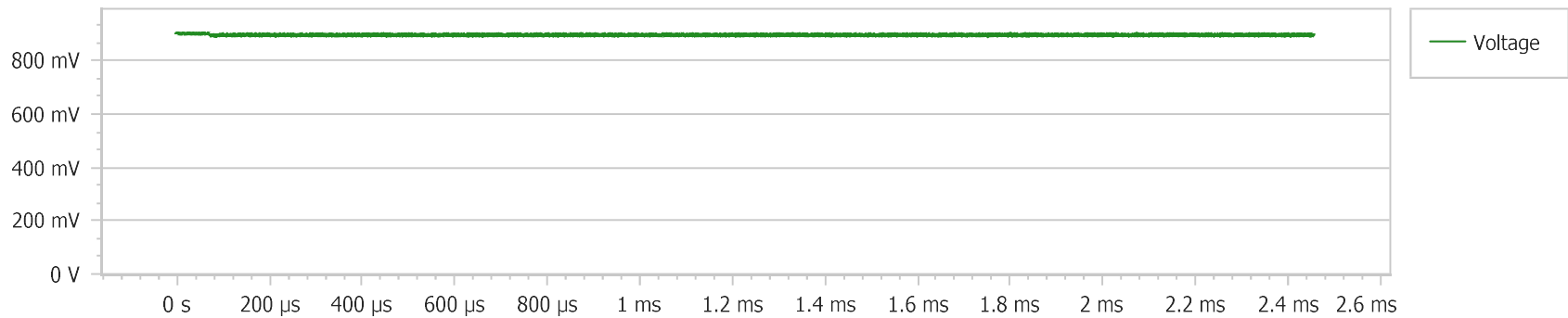
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 360 kHz

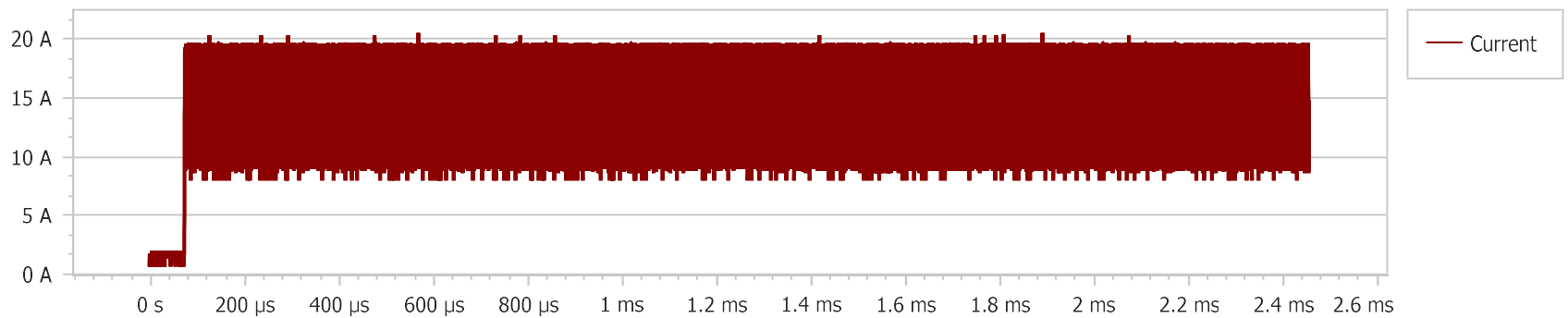
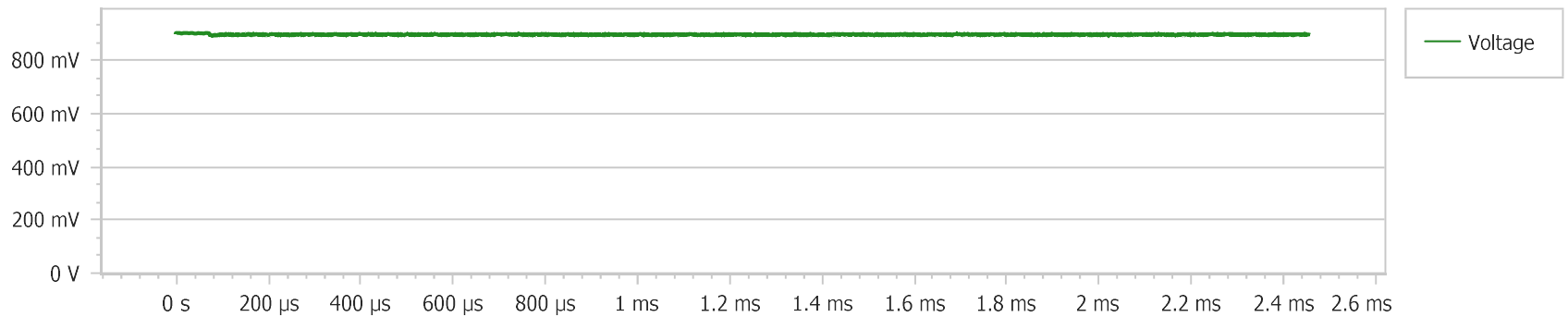
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 380 kHz

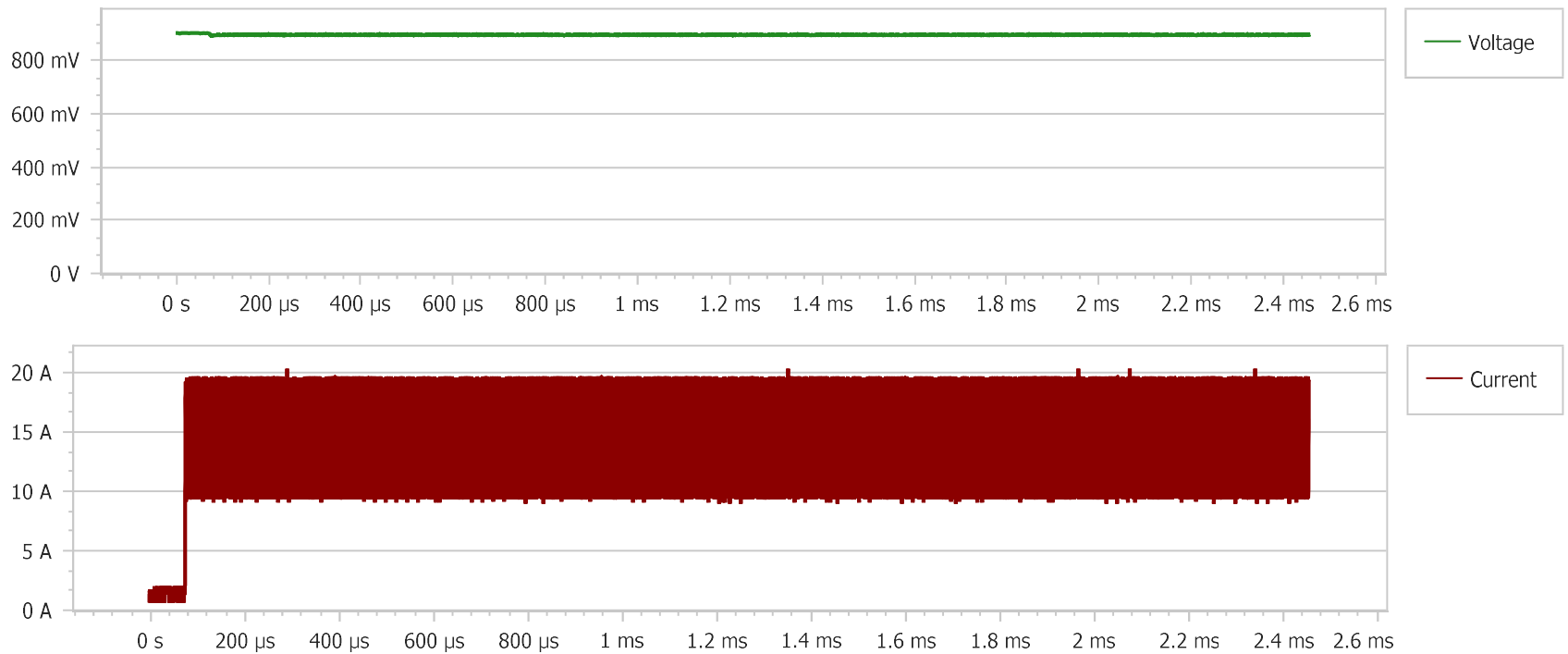
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 400 kHz

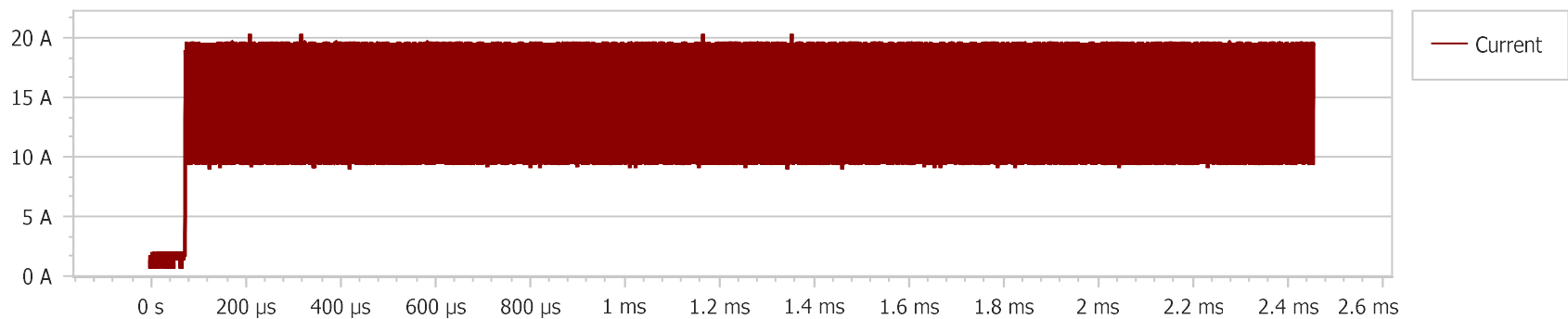
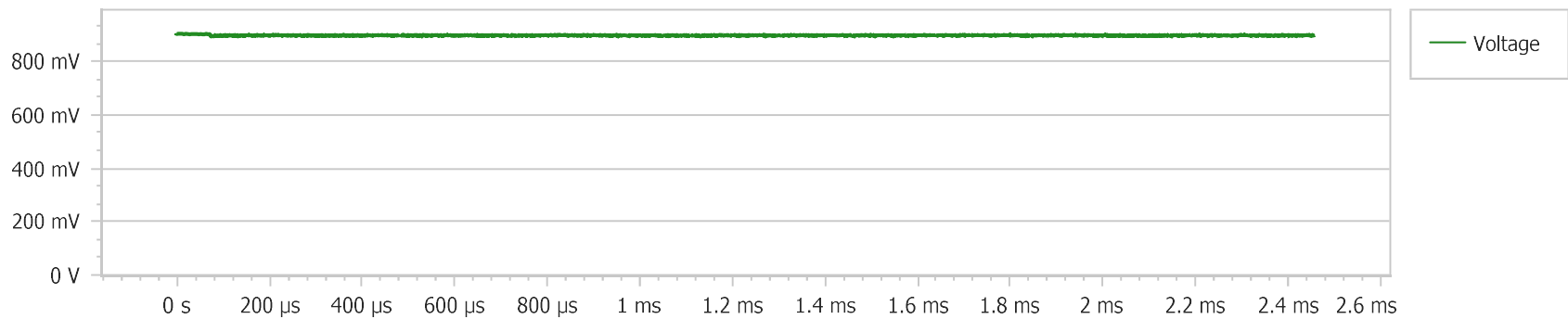
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 420 kHz

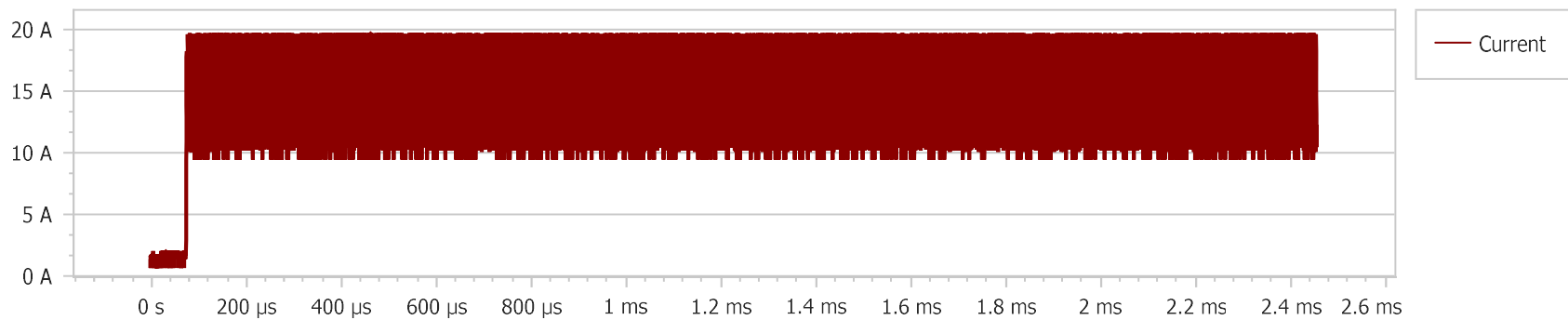
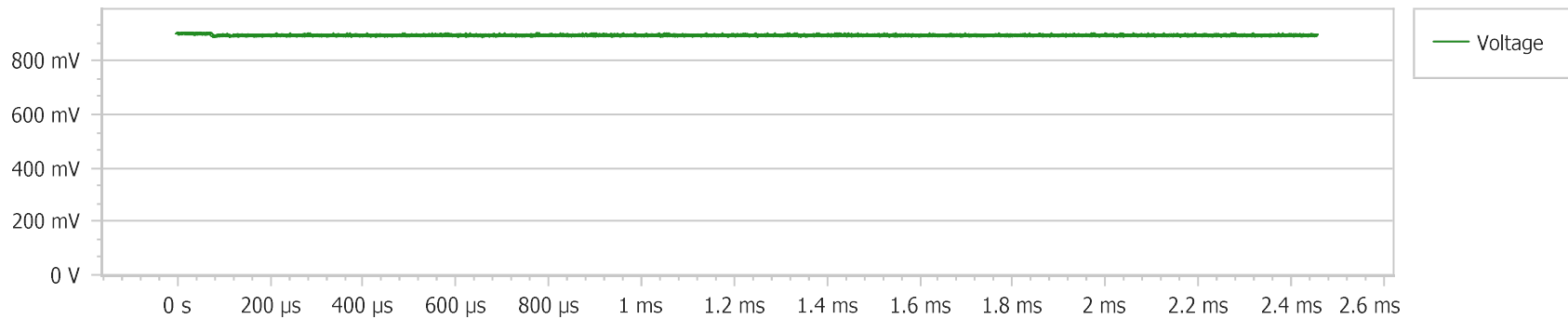
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 440 kHz

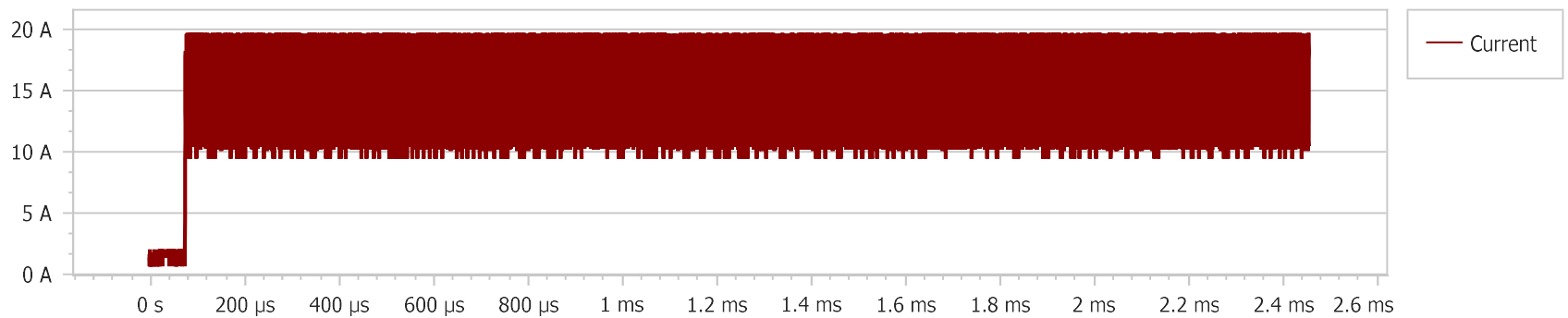
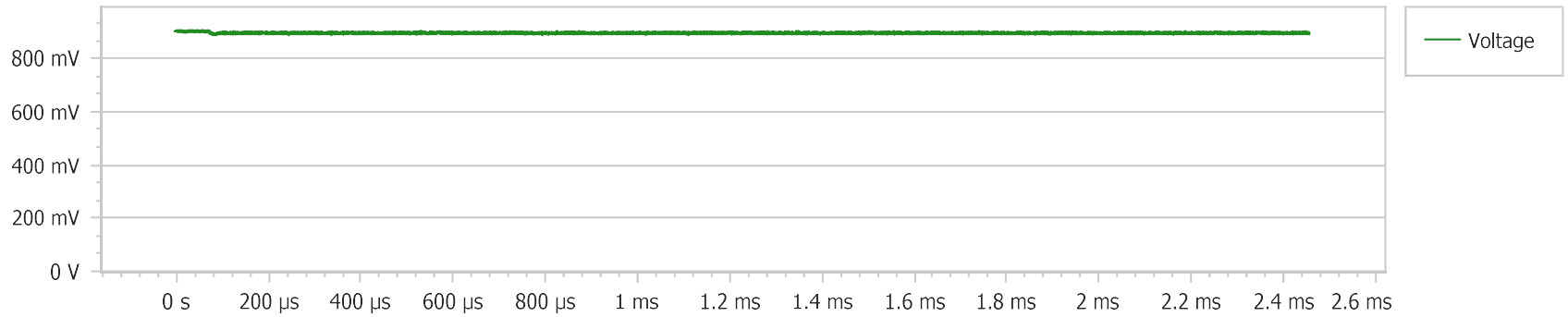
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 460 kHz

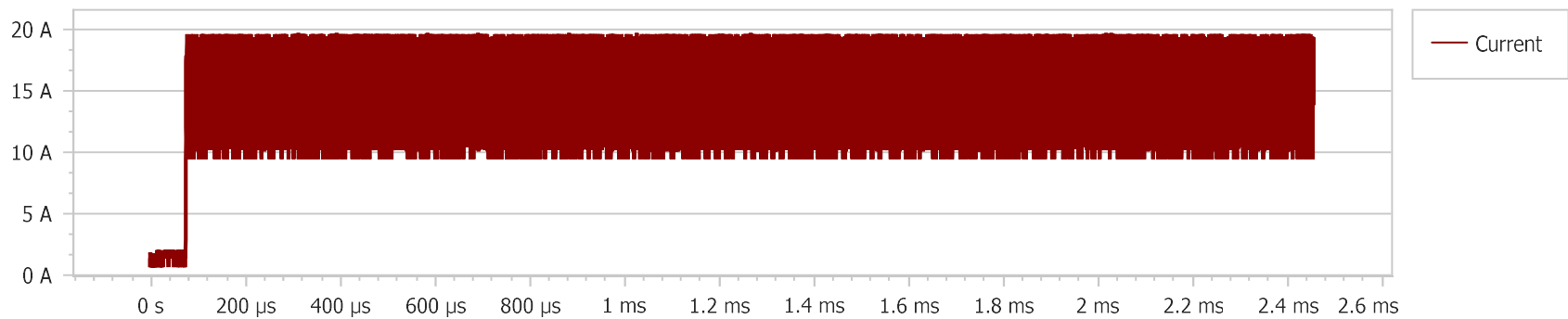
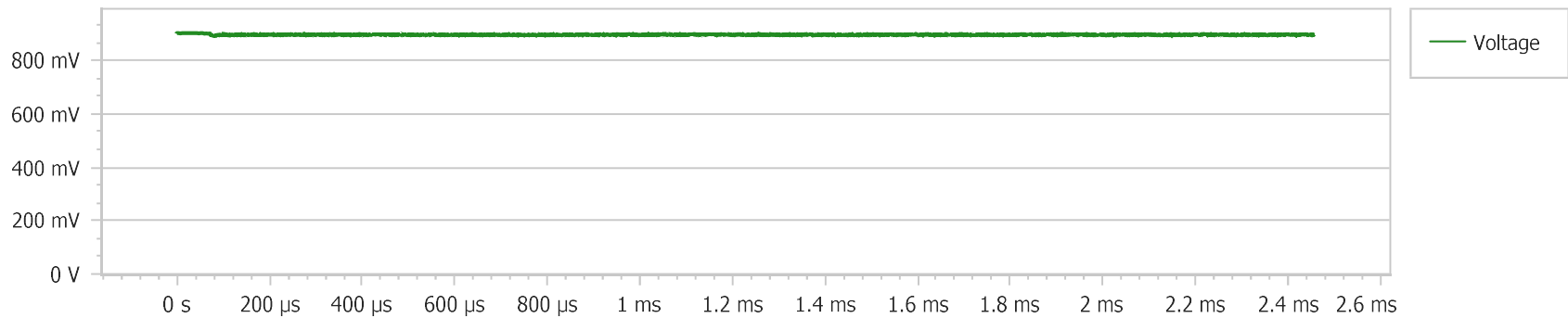
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.10 V

Min AC: 0.70 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Frequency: 480 kHz

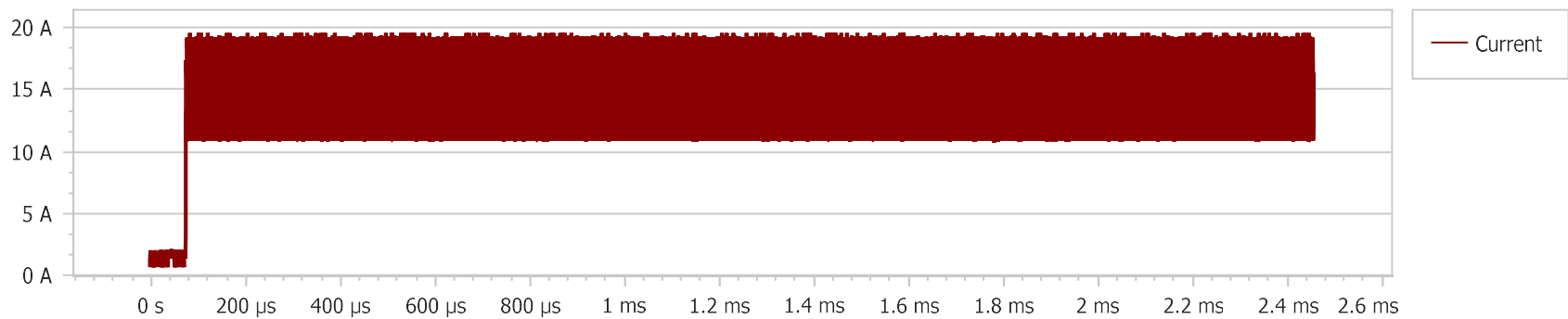
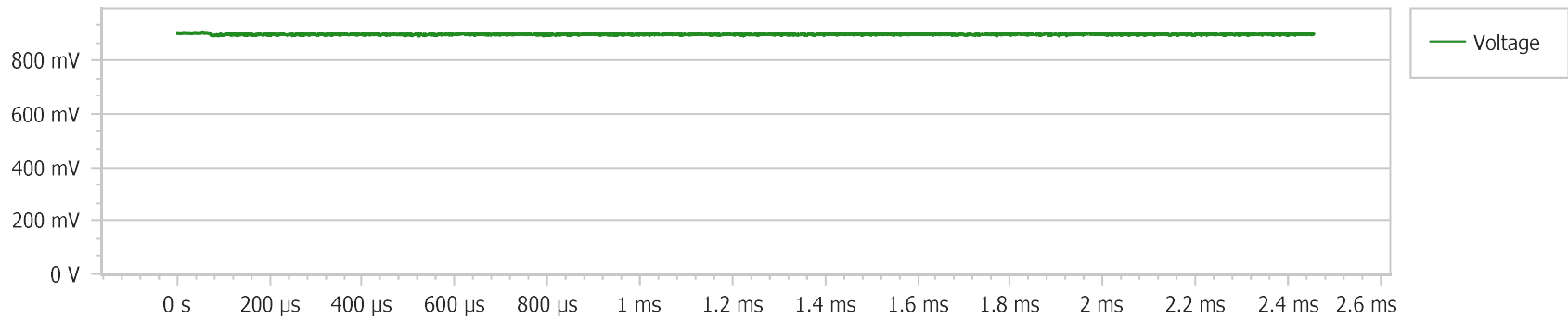
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Static Analysis

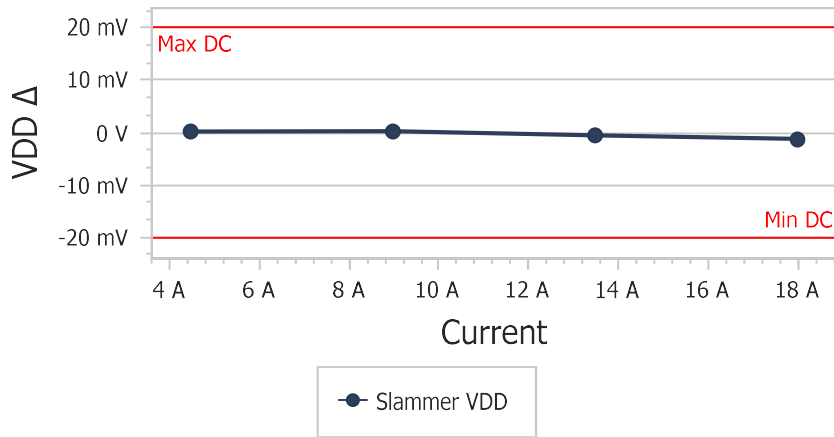
Rail Name: VCC_IO

VID: 0 V

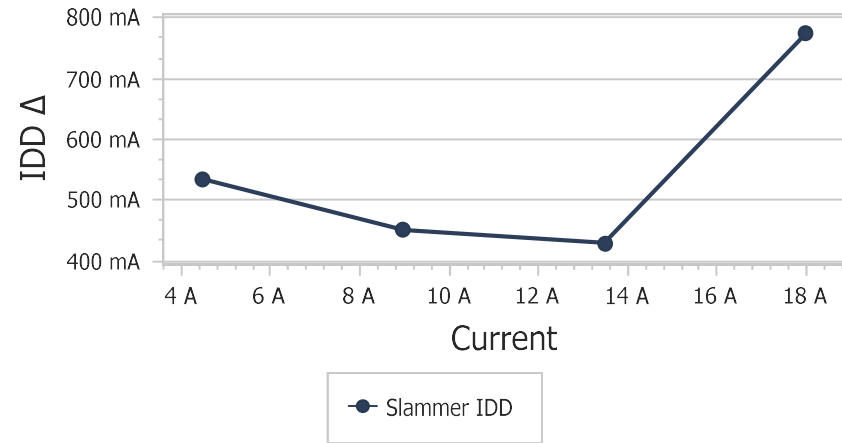
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

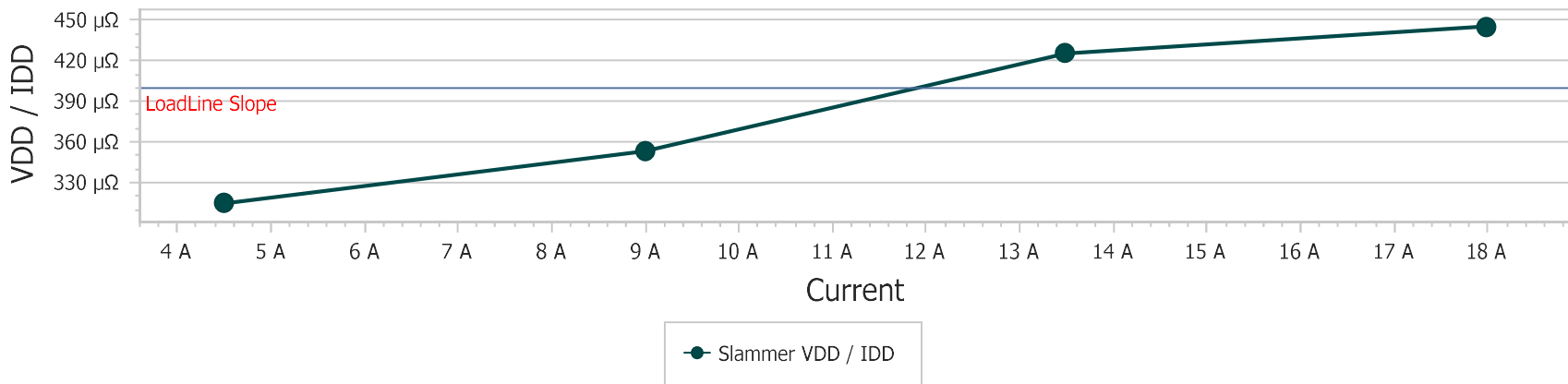
Voltage Tolerance



Current Tolerance



LoadLine



Static Analysis

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

I_Load (A)	Max DC	Min DC	VOUT		
			V	VMax	VMin
4.5 A	920.2 mV	880.2 mV	900.4 mV	902.9 mV	892.6 mV
9 A	918.4 mV	878.4 mV	898.6 mV	902.3 mV	893.2 mV
13.5 A	916.6 mV	876.6 mV	896.0 mV	900.5 mV	891.3 mV
18 A	914.8 mV	874.8 mV	893.6 mV	899.3 mV	890.1 mV



Static Analysis

Rail Name: VCC_IO

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

			IOUT		
I_Load (A)	Max DC	Min DC	I	I_Max	I_Min
4.5 A	920.2 mV	880.2 mV	5.03 A	6.14 A	3.57 A
9 A	918.4 mV	878.4 mV	9.45 A	10.44 A	9.34 A
13.5 A	916.6 mV	876.6 mV	13.93 A	14.93 A	13.74 A
18 A	914.8 mV	874.8 mV	18.77 A	19.69 A	18.13 A



Static Analysis

Rail Name: VCC_IO

VID: 0 V

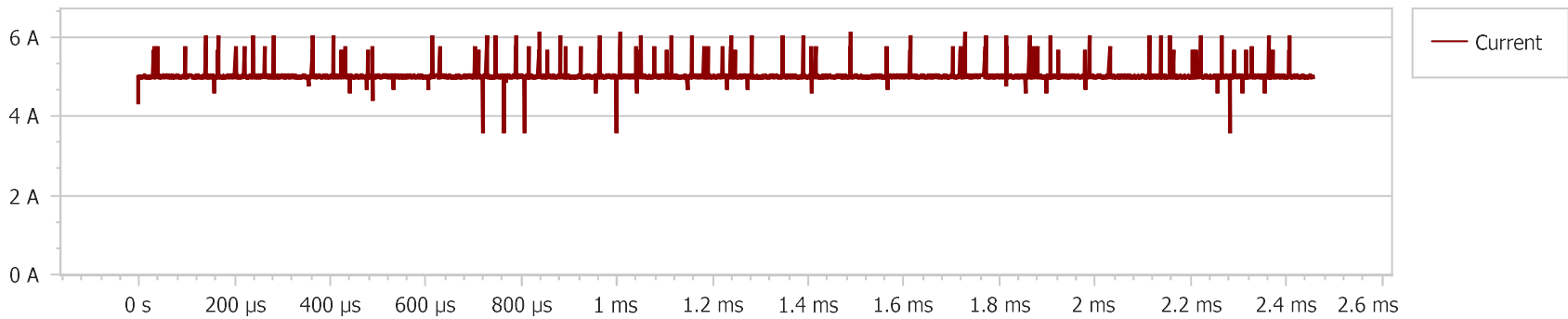
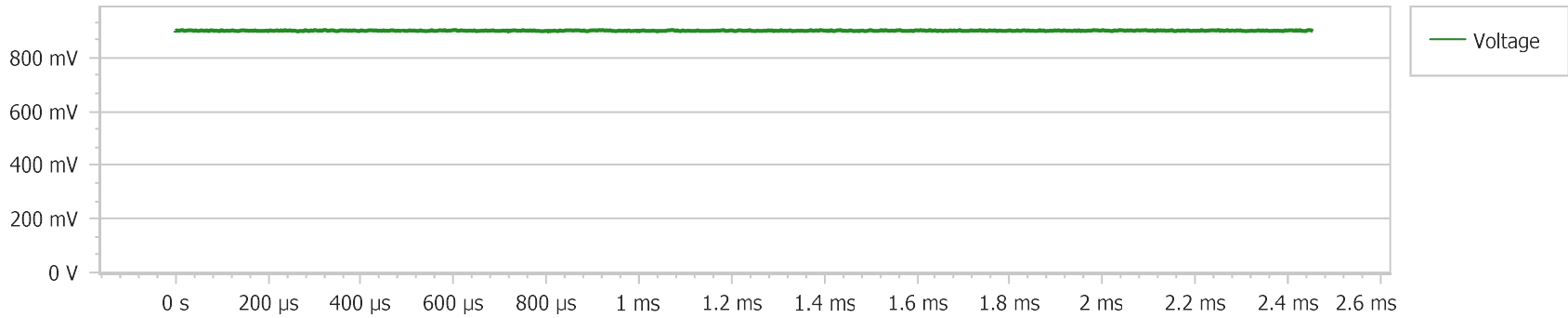
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Current: 4.5 A

Duration: 1 s



Static Analysis

Rail Name: VCC_IO

VID: 0 V

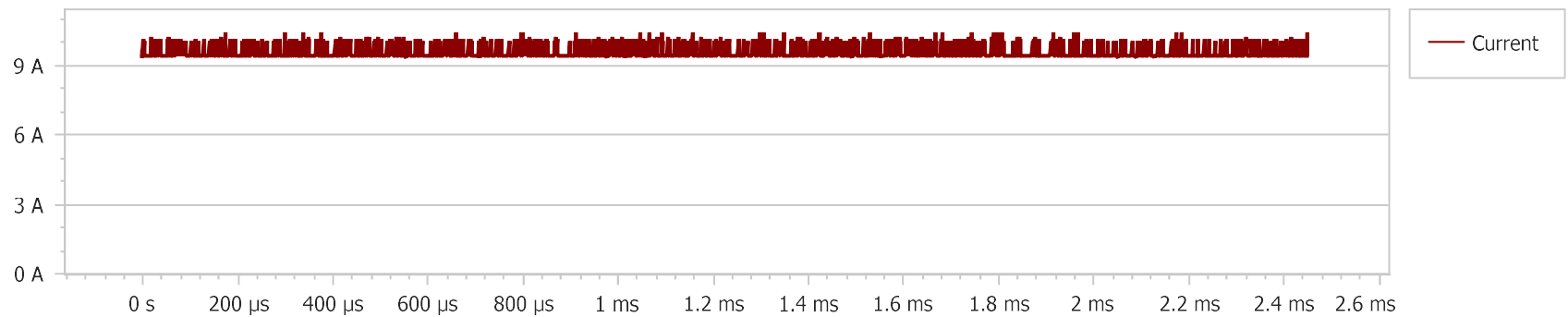
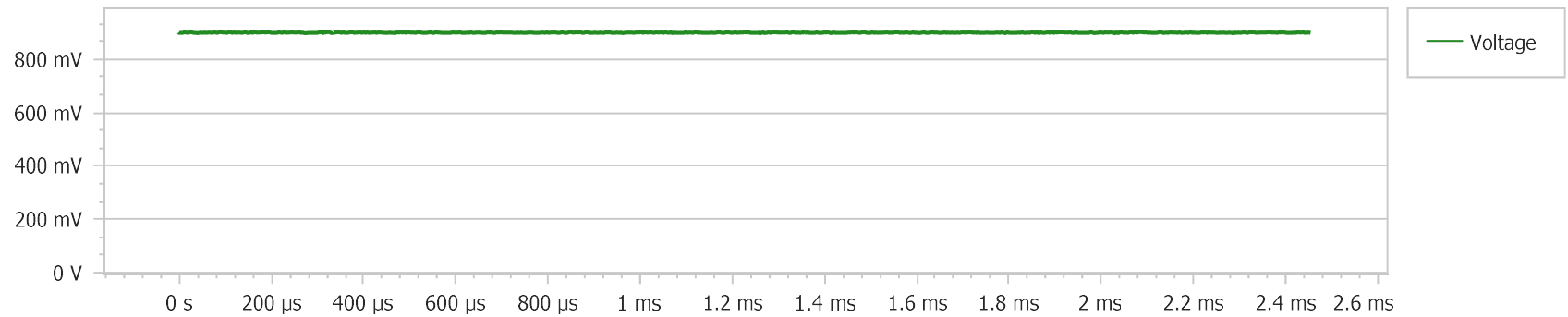
Nominal Voltage: 0.90 V

Load Line Slope: $400 \mu\Omega$

Waveform Analysis:

Current: 9 A

Duration: 1 s



Static Analysis

Rail Name: VCC_IO

VID: 0 V

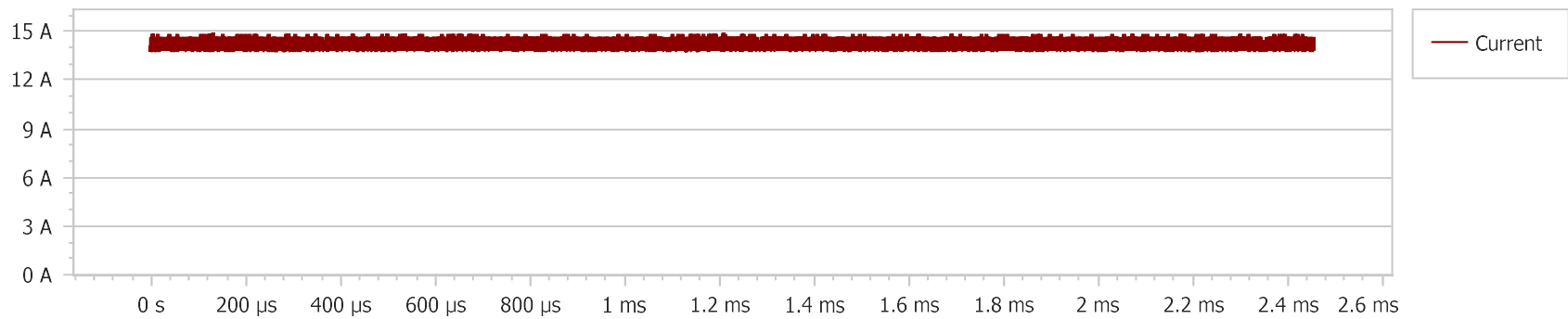
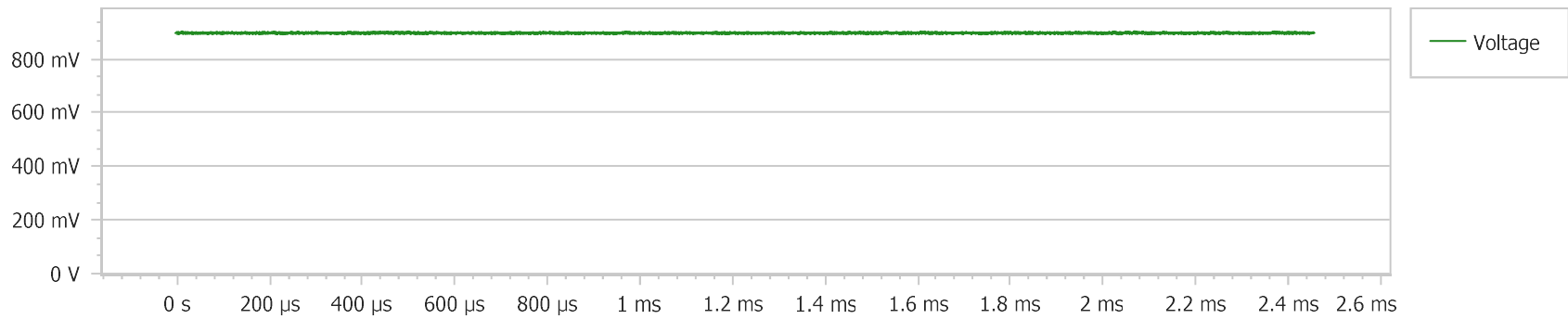
Nominal Voltage: 0.90 V

Load Line Slope: 400 $\mu\Omega$

Waveform Analysis:

Current: 13.5 A

Duration: 1 s



Static Analysis

Rail Name: VCC_IO

VID: 0 V

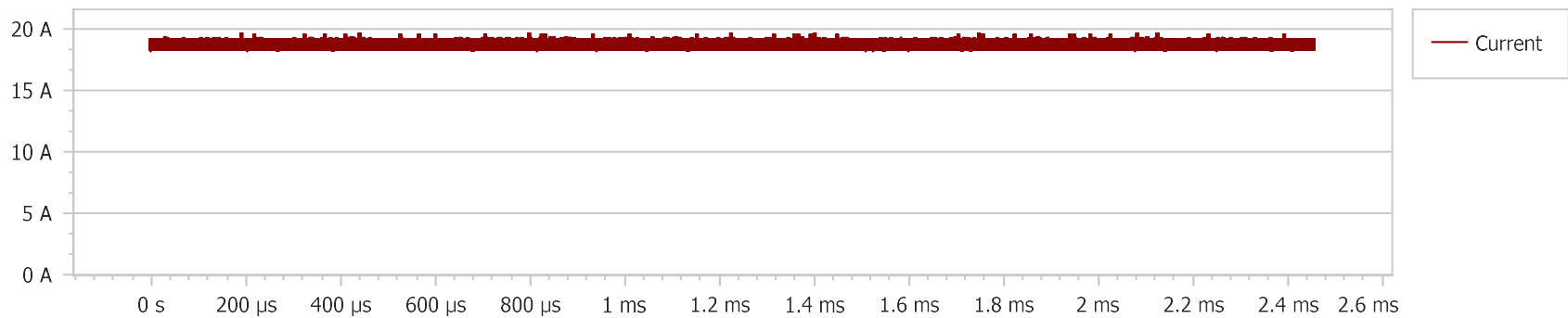
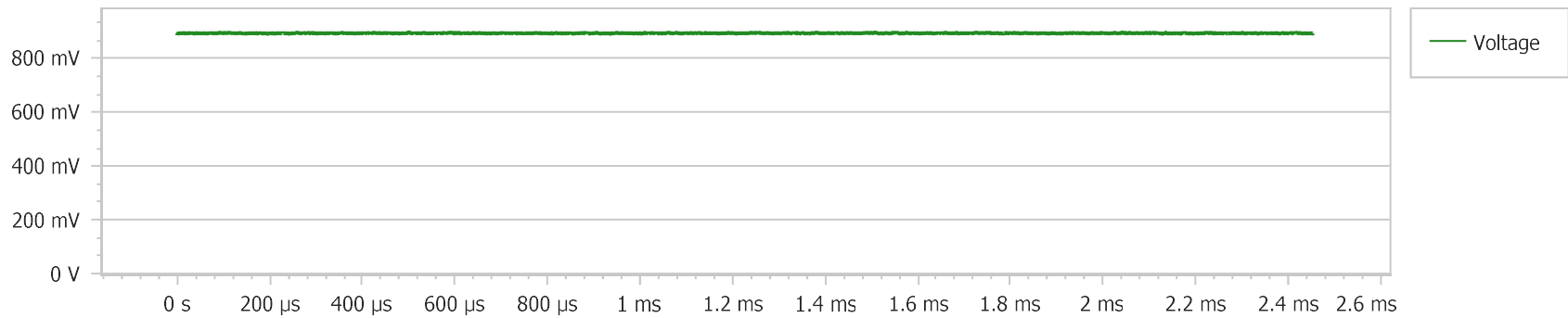
Nominal Voltage: 0.90 V

Load Line Slope: $400 \mu\Omega$

Waveform Analysis:

Current: 18 A

Duration: 1 s



Test Details: VCC_SOC

Test Summary: Dynamic Load

VID	Pass	Borderline	Fail	Total
N/A	114	0	0	114

Test Summary: Static Load

VID	Pass	Borderline	Fail	Total
N/A	4	0	0	4



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

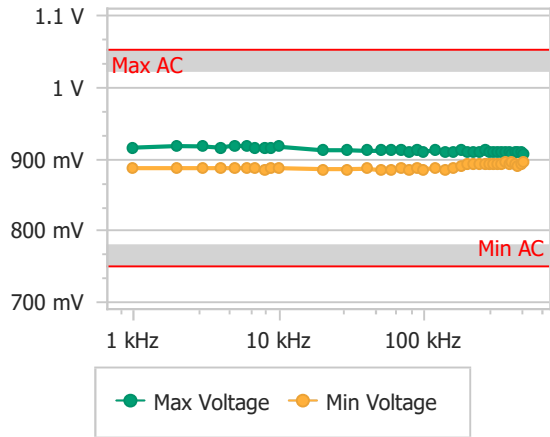
Nominal Voltage: 0.90 V

Max AC: 1.05 V

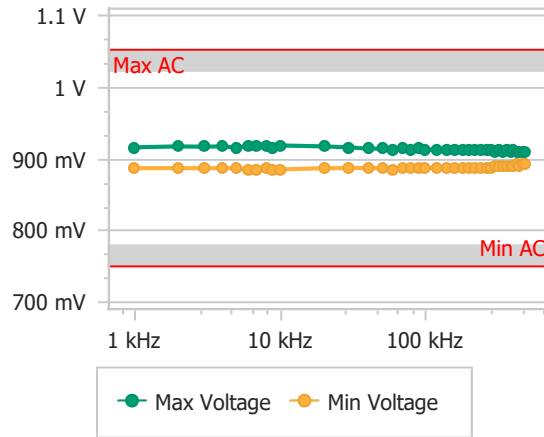
Min AC: 0.75 V

Load Line Slope: N/A

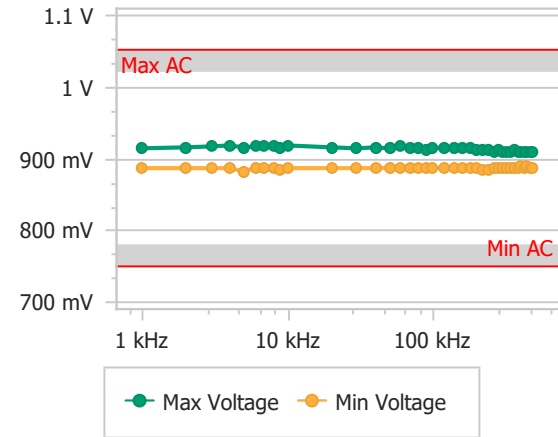
Duty = 25%



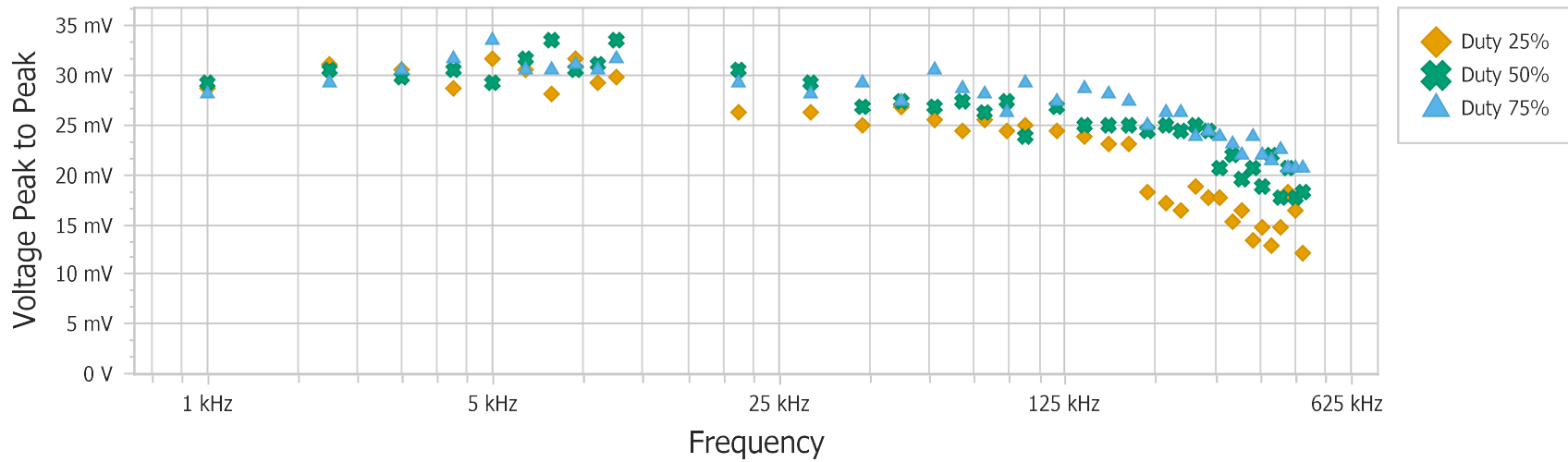
Duty = 50%



Duty = 75%



Transient Voltage Peak to Peak vs Frequency



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 25 %			
Frequency	RMS	Min	Max
1 kHz	902.2 mV	887.7 mV	916.4 mV
2 kHz	902.2 mV	887.7 mV	918.8 mV
3 kHz	902.1 mV	887.7 mV	918.2 mV
4 kHz	902.2 mV	887.7 mV	916.4 mV
5 kHz	902.2 mV	887.7 mV	919.4 mV
6 kHz	902.1 mV	887.7 mV	918.2 mV
7 kHz	902.2 mV	887.7 mV	915.8 mV
8 kHz	902.1 mV	885.2 mV	917.0 mV
9 kHz	902.2 mV	887.7 mV	917.0 mV
10 kHz	902.2 mV	887.7 mV	917.6 mV
20 kHz	901.5 mV	886.4 mV	912.7 mV
30 kHz	902.1 mV	886.4 mV	912.7 mV
40 kHz	901.4 mV	887.1 mV	912.1 mV
50 kHz	902.0 mV	885.2 mV	912.1 mV
60 kHz	901.3 mV	886.4 mV	912.1 mV
70 kHz	901.3 mV	887.7 mV	912.1 mV
80 kHz	901.3 mV	885.2 mV	910.9 mV
90 kHz	901.9 mV	887.7 mV	912.1 mV
100 kHz	902.3 mV	886.4 mV	911.5 mV
120 kHz	902.1 mV	887.7 mV	912.1 mV
140 kHz	901.4 mV	886.4 mV	910.3 mV
160 kHz	901.3 mV	887.7 mV	910.9 mV
180 kHz	902.1 mV	891.3 mV	914.5 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 25 %			
Frequency	RMS	Min	Max
200 kHz	901.9 mV	892.6 mV	910.9 mV
220 kHz	901.3 mV	892.6 mV	909.6 mV
240 kHz	902.1 mV	893.2 mV	909.6 mV
260 kHz	902.0 mV	893.2 mV	912.1 mV
280 kHz	902.1 mV	893.2 mV	910.9 mV
300 kHz	902.0 mV	892.6 mV	910.3 mV
320 kHz	901.5 mV	895.0 mV	910.3 mV
340 kHz	901.4 mV	893.2 mV	909.6 mV
360 kHz	902.0 mV	896.2 mV	909.6 mV
380 kHz	901.6 mV	895.0 mV	909.6 mV
400 kHz	902.0 mV	896.2 mV	909.0 mV
420 kHz	901.5 mV	895.0 mV	909.6 mV
440 kHz	902.1 mV	891.3 mV	909.6 mV
460 kHz	901.5 mV	893.2 mV	909.6 mV
480 kHz	901.6 mV	896.2 mV	908.4 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 50 %			
Frequency	RMS	Min	Max
1 kHz	902.1 mV	887.7 mV	917.0 mV
2 kHz	902.1 mV	887.7 mV	918.2 mV
3 kHz	902.1 mV	887.7 mV	917.6 mV
4 kHz	902.0 mV	887.7 mV	918.2 mV
5 kHz	902.1 mV	887.7 mV	917.0 mV
6 kHz	902.1 mV	886.4 mV	918.2 mV
7 kHz	902.2 mV	885.8 mV	919.4 mV
8 kHz	902.0 mV	887.7 mV	918.2 mV
9 kHz	902.1 mV	885.8 mV	917.0 mV
10 kHz	902.1 mV	885.8 mV	919.4 mV
20 kHz	902.1 mV	887.7 mV	918.2 mV
30 kHz	902.0 mV	887.7 mV	917.0 mV
40 kHz	902.1 mV	888.3 mV	915.1 mV
50 kHz	901.4 mV	887.7 mV	915.1 mV
60 kHz	901.3 mV	885.8 mV	912.7 mV
70 kHz	901.4 mV	888.3 mV	915.8 mV
80 kHz	901.9 mV	888.3 mV	914.5 mV
90 kHz	902.0 mV	887.7 mV	915.1 mV
100 kHz	902.1 mV	888.9 mV	912.7 mV
120 kHz	901.8 mV	887.7 mV	914.5 mV
140 kHz	902.1 mV	887.7 mV	912.7 mV
160 kHz	901.3 mV	887.7 mV	912.7 mV
180 kHz	901.4 mV	887.7 mV	912.7 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 50 %			
Frequency	RMS	Min	Max
200 kHz	902.2 mV	888.3 mV	912.7 mV
220 kHz	901.5 mV	887.7 mV	912.7 mV
240 kHz	901.3 mV	888.3 mV	912.7 mV
260 kHz	901.5 mV	887.7 mV	912.7 mV
280 kHz	901.9 mV	888.3 mV	912.7 mV
300 kHz	902.2 mV	890.1 mV	910.9 mV
320 kHz	902.0 mV	890.1 mV	912.1 mV
340 kHz	901.4 mV	890.1 mV	909.6 mV
360 kHz	902.1 mV	891.3 mV	912.1 mV
380 kHz	901.4 mV	890.7 mV	909.6 mV
400 kHz	901.3 mV	890.1 mV	912.1 mV
420 kHz	901.3 mV	892.6 mV	910.3 mV
440 kHz	901.4 mV	890.7 mV	911.5 mV
460 kHz	902.0 mV	892.6 mV	910.3 mV
480 kHz	901.3 mV	892.6 mV	910.9 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 75 %			
Frequency	RMS	Min	Max
1 kHz	902.0 mV	887.7 mV	915.8 mV
2 kHz	902.0 mV	887.7 mV	917.0 mV
3 kHz	902.0 mV	887.7 mV	918.2 mV
4 kHz	902.0 mV	887.7 mV	919.4 mV
5 kHz	902.1 mV	883.4 mV	917.0 mV
6 kHz	902.0 mV	887.7 mV	918.2 mV
7 kHz	902.0 mV	887.7 mV	918.2 mV
8 kHz	902.0 mV	888.3 mV	919.4 mV
9 kHz	902.0 mV	886.4 mV	917.0 mV
10 kHz	902.0 mV	887.7 mV	919.4 mV
20 kHz	901.4 mV	887.7 mV	917.0 mV
30 kHz	901.5 mV	887.7 mV	915.8 mV
40 kHz	902.2 mV	887.7 mV	917.0 mV
50 kHz	902.0 mV	888.3 mV	915.8 mV
60 kHz	901.5 mV	887.7 mV	918.2 mV
70 kHz	902.2 mV	887.7 mV	916.4 mV
80 kHz	901.5 mV	887.7 mV	915.8 mV
90 kHz	902.1 mV	888.3 mV	914.5 mV
100 kHz	901.5 mV	887.7 mV	917.0 mV
120 kHz	902.2 mV	888.3 mV	915.8 mV
140 kHz	902.1 mV	888.3 mV	917.0 mV
160 kHz	902.0 mV	887.7 mV	915.8 mV
180 kHz	901.4 mV	887.7 mV	915.1 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Duty 75 %			
Frequency	RMS	Min	Max
200 kHz	901.4 mV	887.7 mV	912.7 mV
220 kHz	901.5 mV	886.4 mV	912.7 mV
240 kHz	901.9 mV	886.4 mV	912.7 mV
260 kHz	902.1 mV	887.7 mV	911.5 mV
280 kHz	901.4 mV	887.7 mV	912.1 mV
300 kHz	901.3 mV	887.7 mV	911.5 mV
320 kHz	901.3 mV	887.7 mV	910.9 mV
340 kHz	902.1 mV	888.9 mV	910.9 mV
360 kHz	902.0 mV	888.3 mV	912.1 mV
380 kHz	901.3 mV	887.7 mV	909.6 mV
400 kHz	901.8 mV	890.1 mV	911.5 mV
420 kHz	901.2 mV	887.7 mV	910.3 mV
440 kHz	901.9 mV	890.1 mV	910.9 mV
460 kHz	901.7 mV	888.9 mV	909.6 mV
480 kHz	901.3 mV	888.9 mV	909.6 mV



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

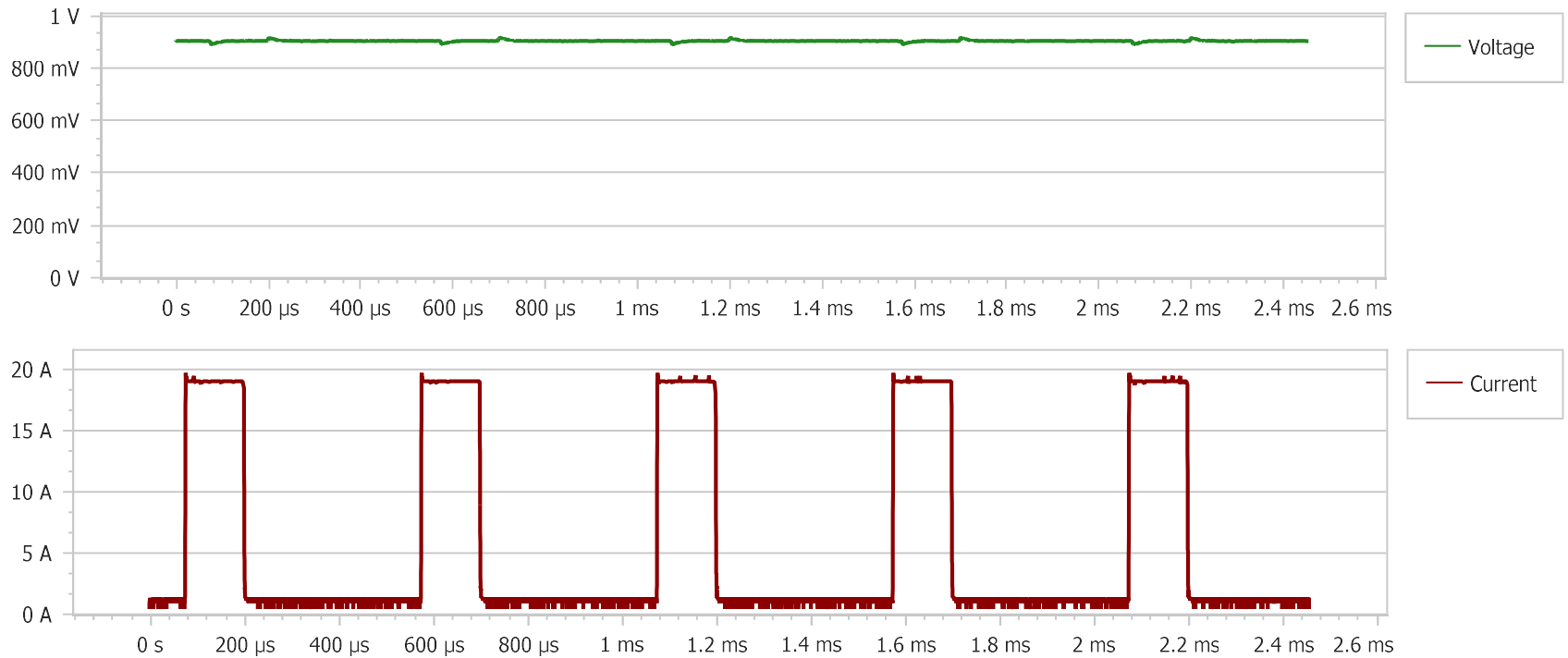
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

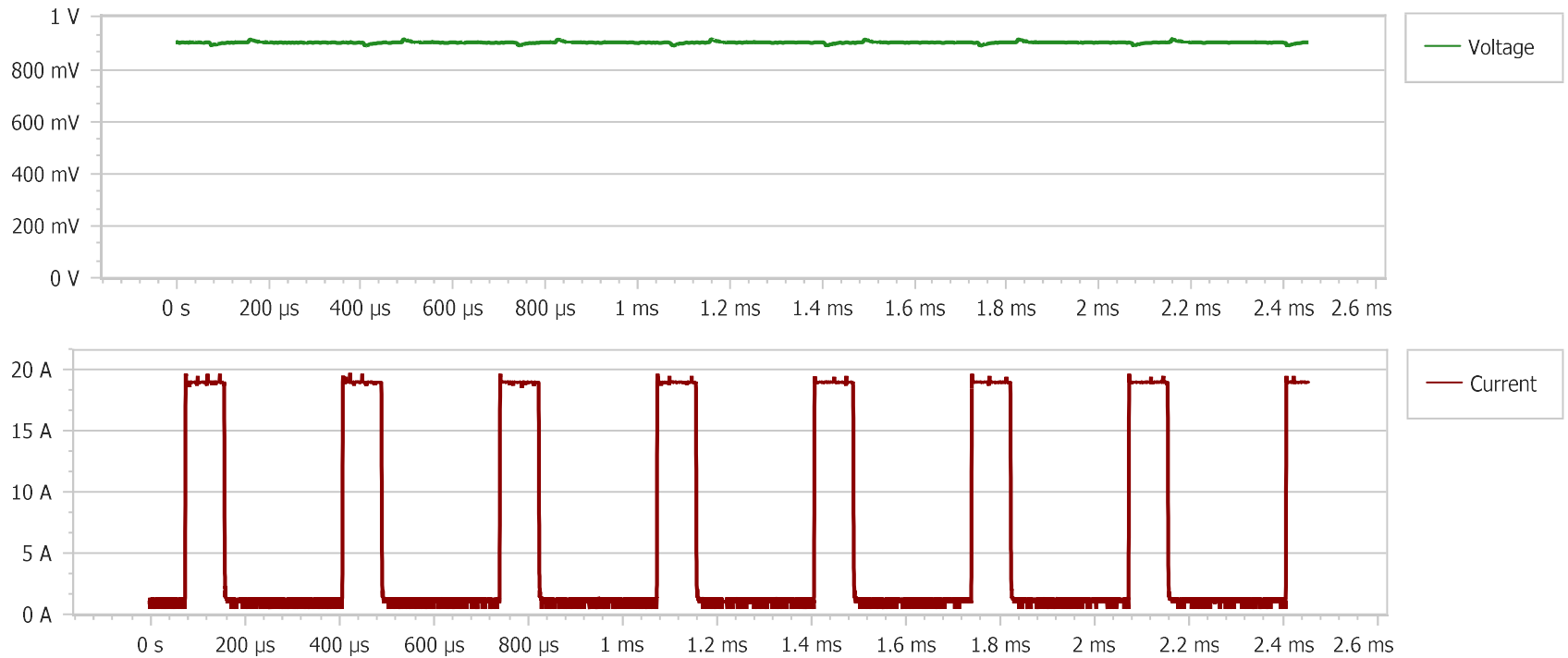
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

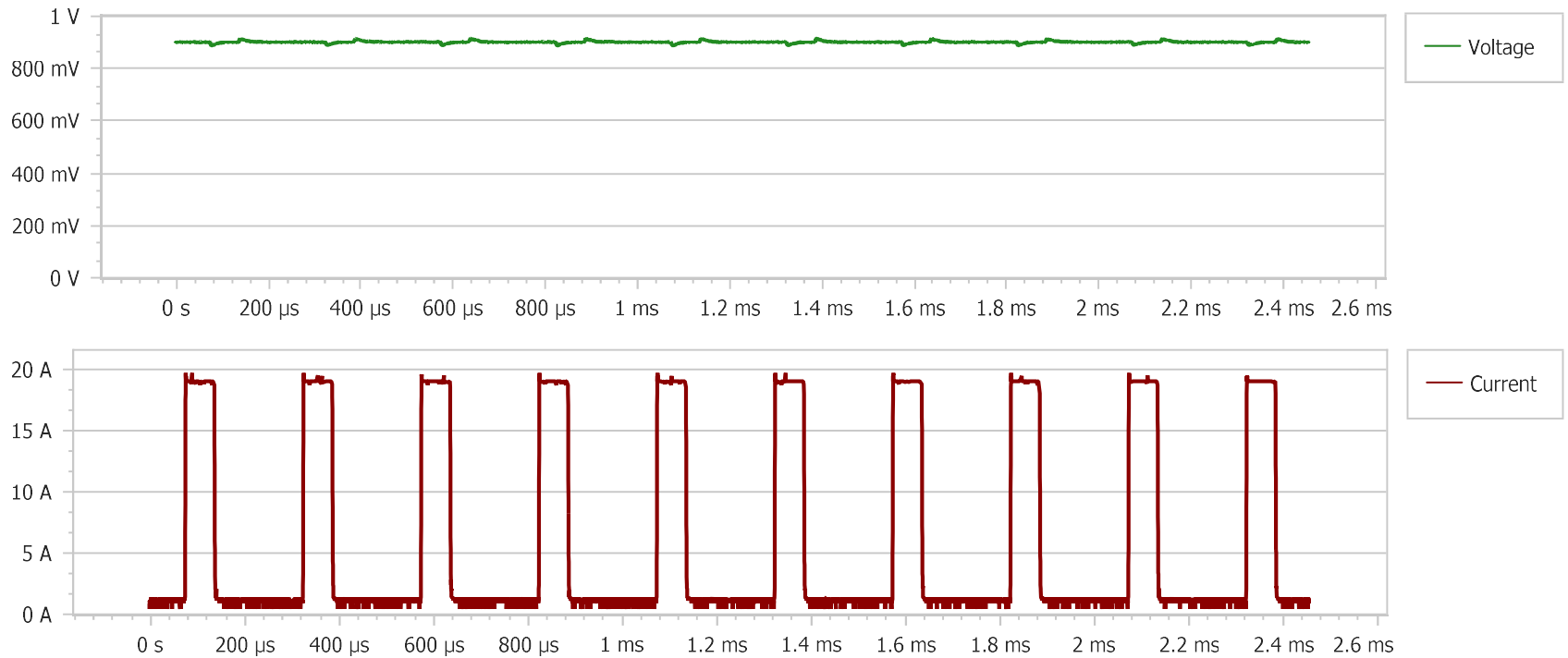
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

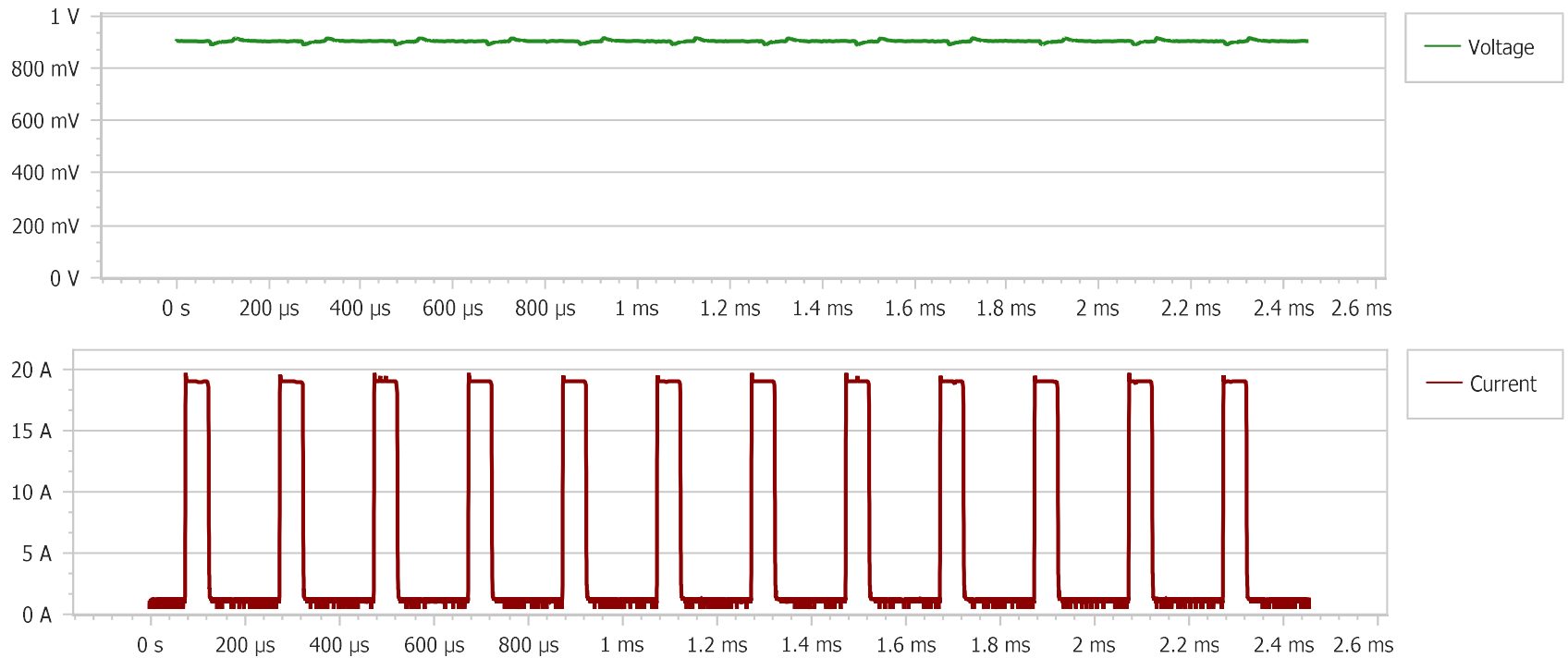
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

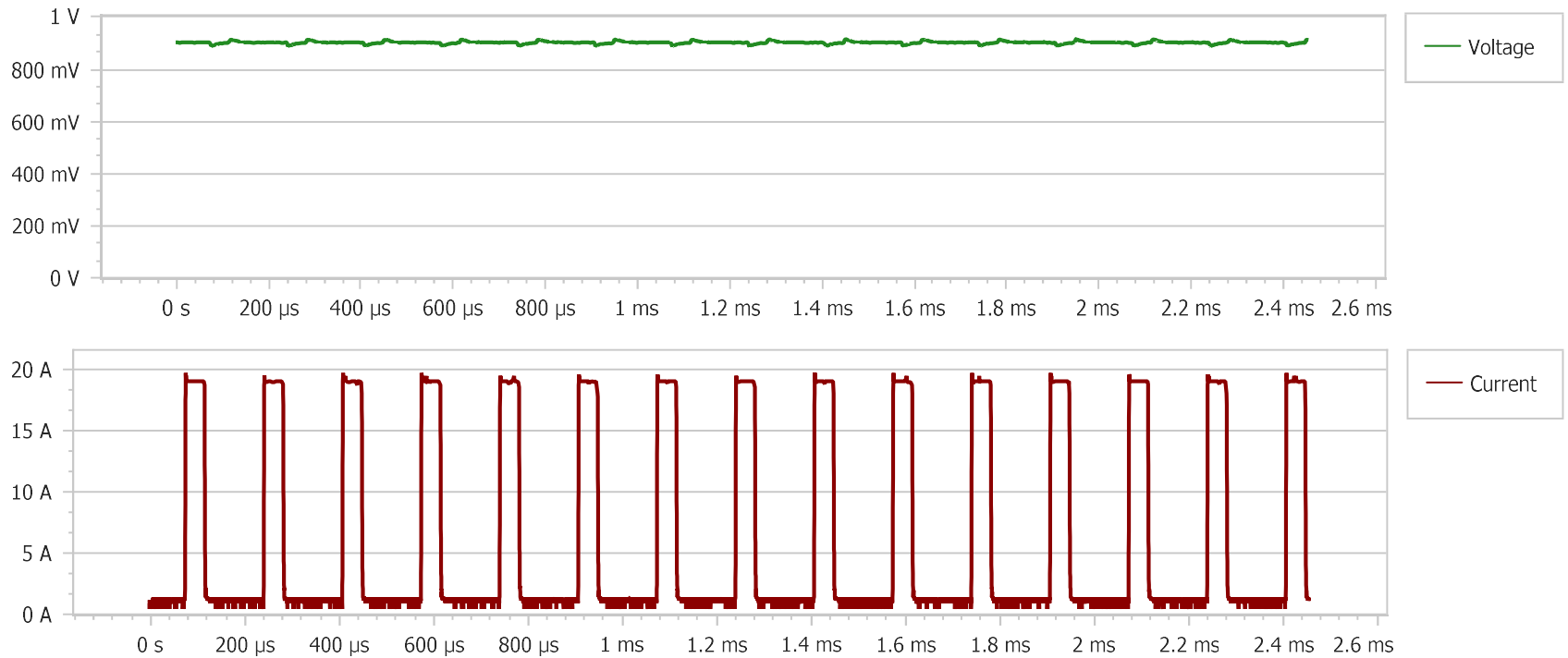
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

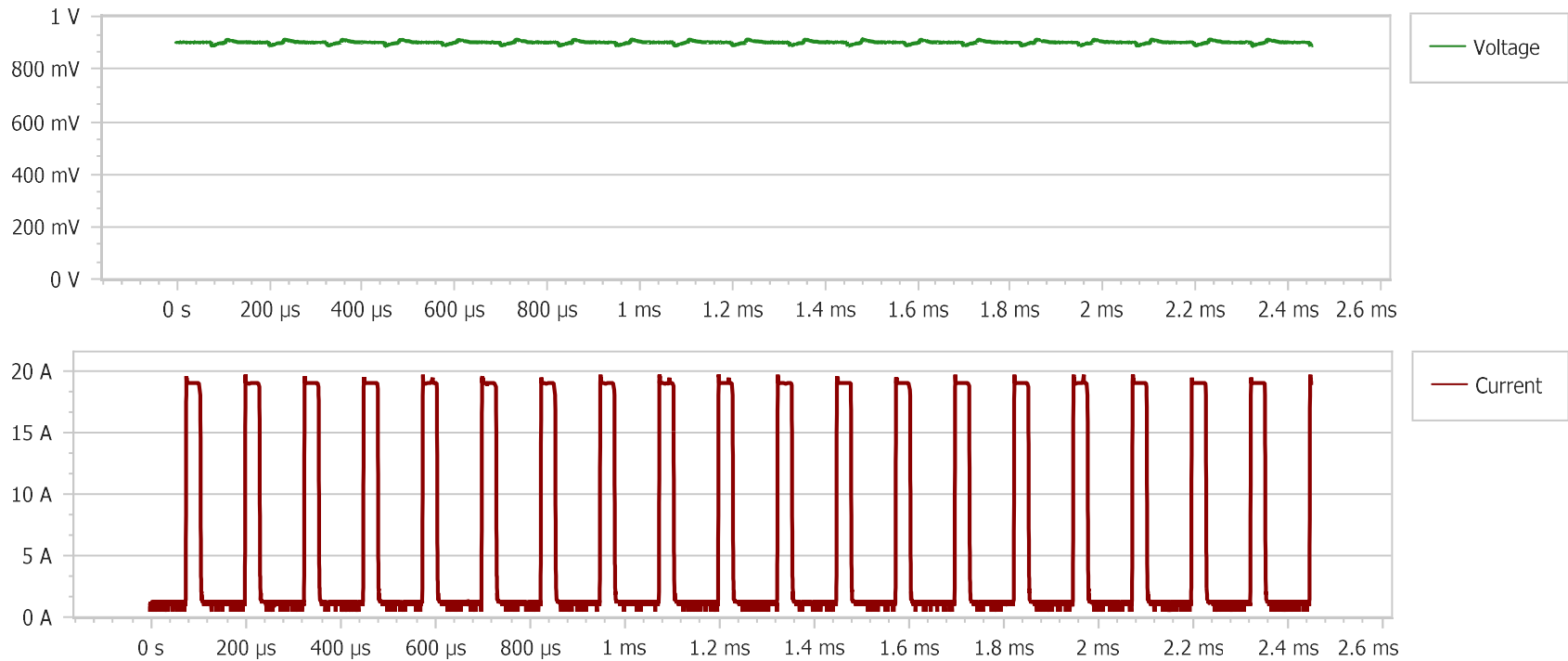
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

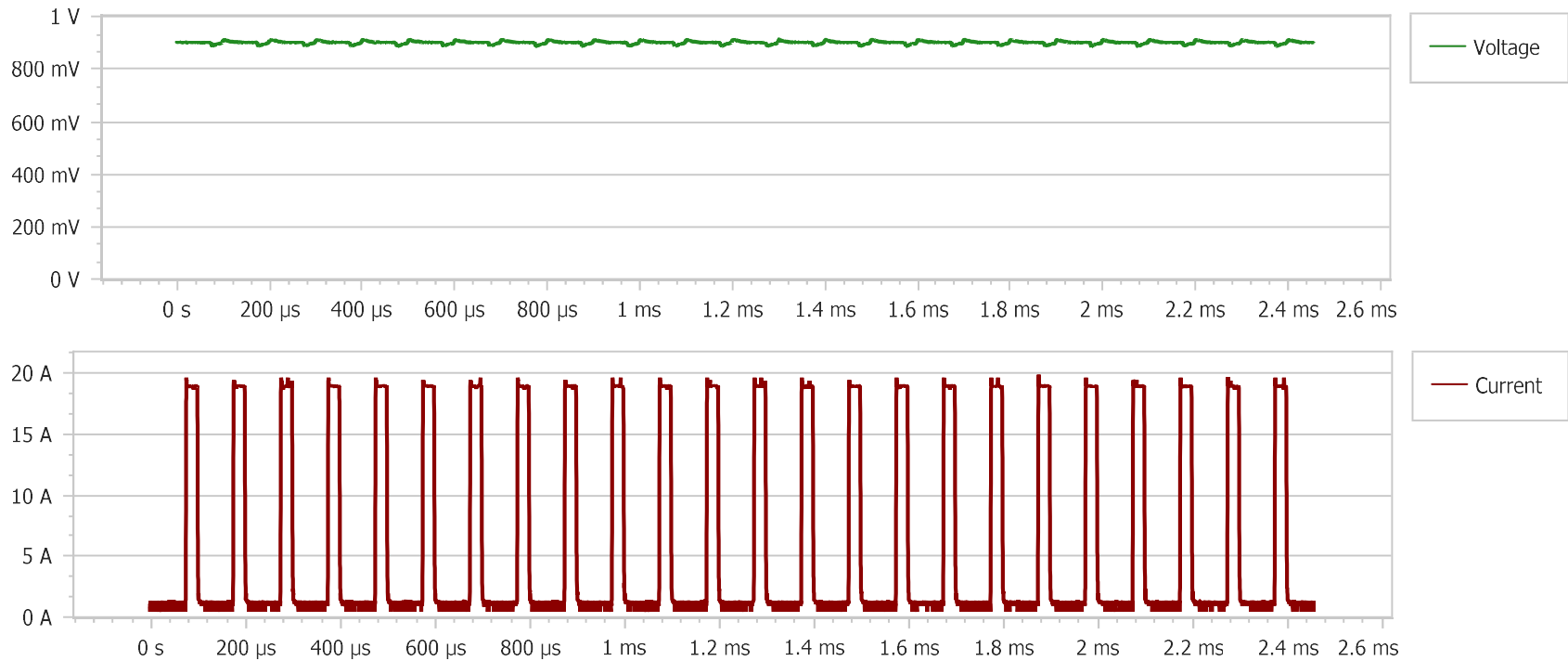
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

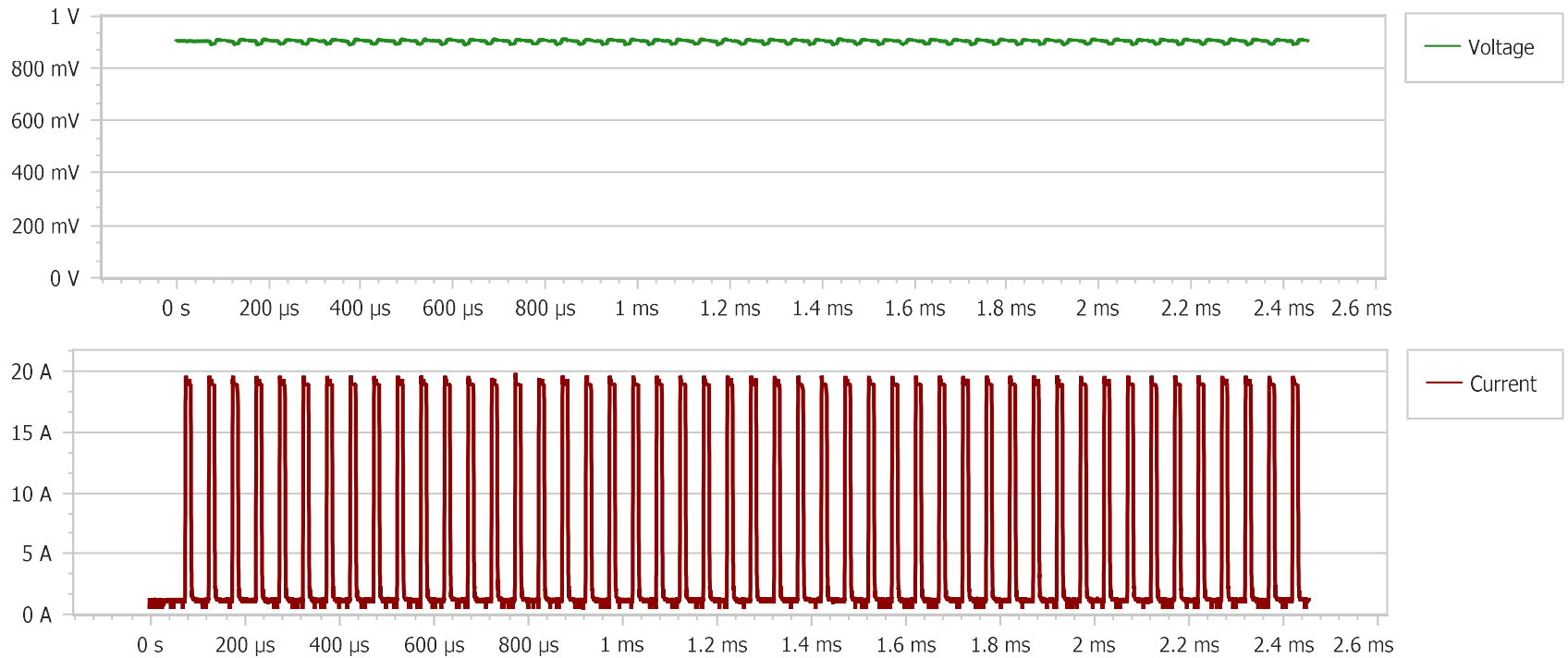
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

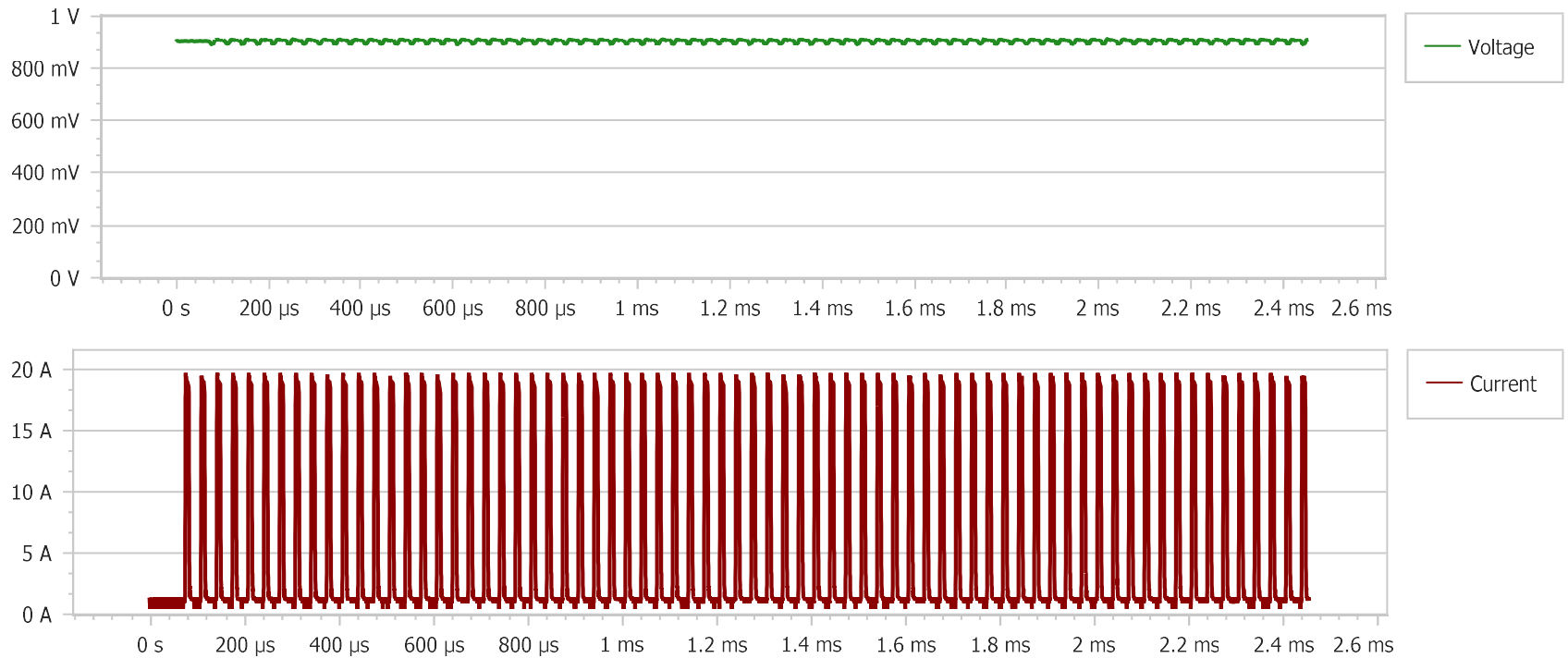
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

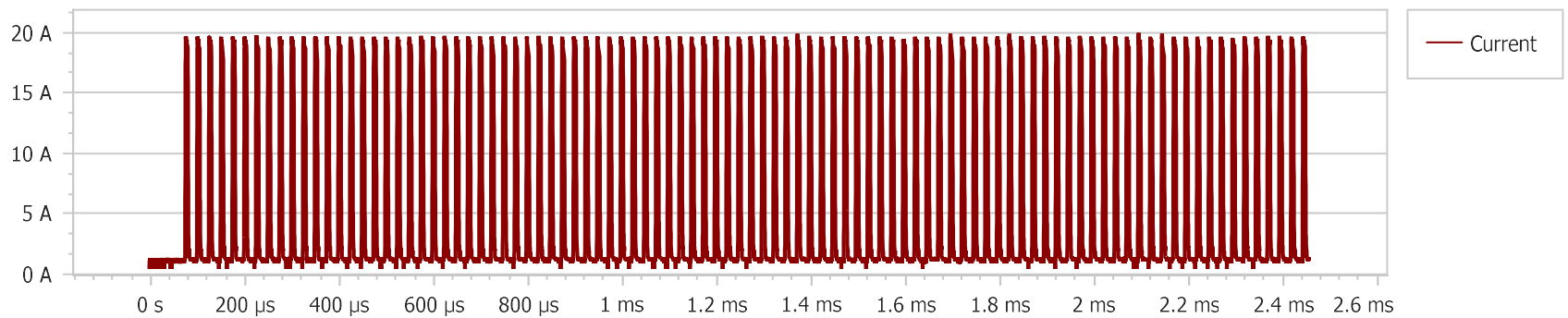
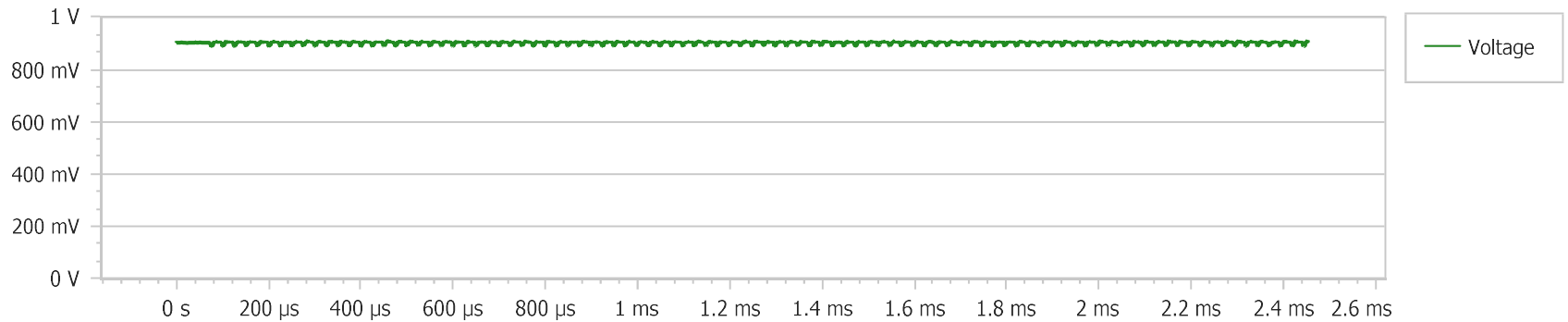
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

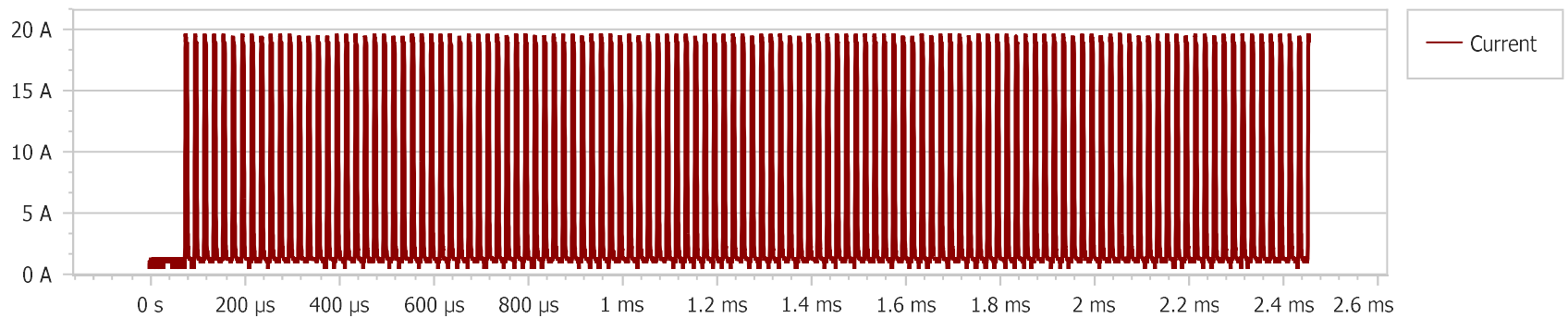
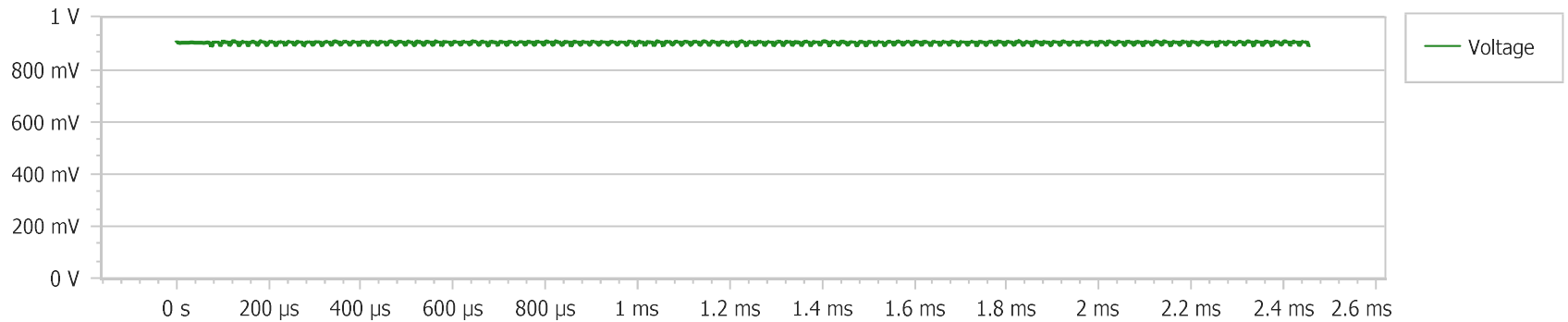
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

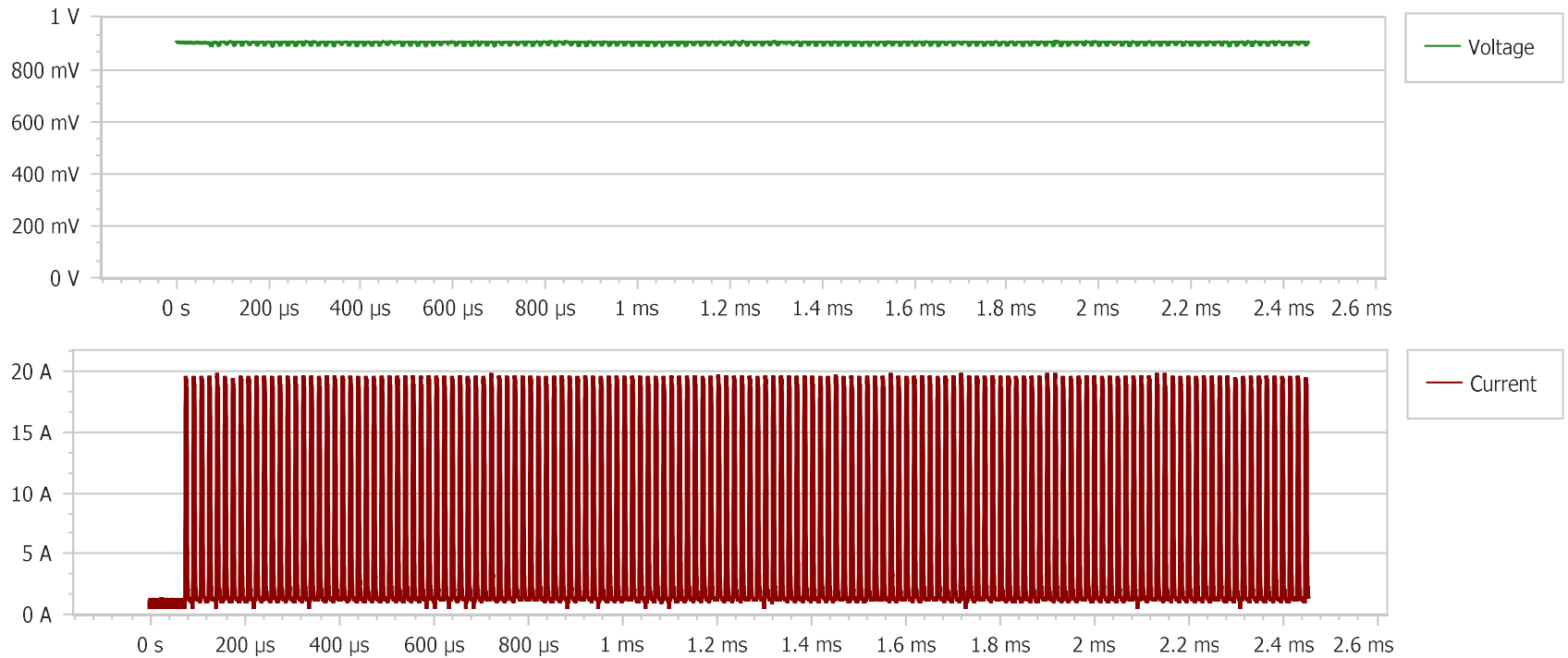
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

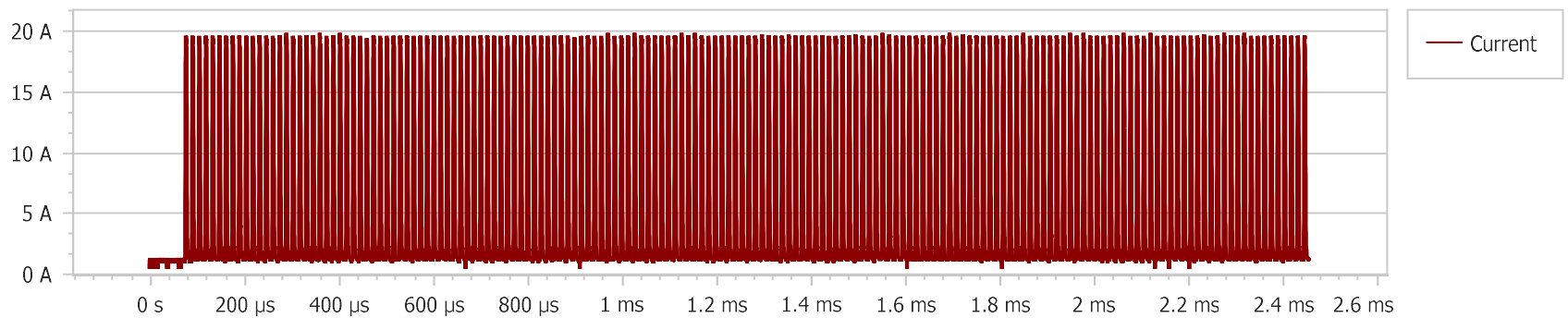
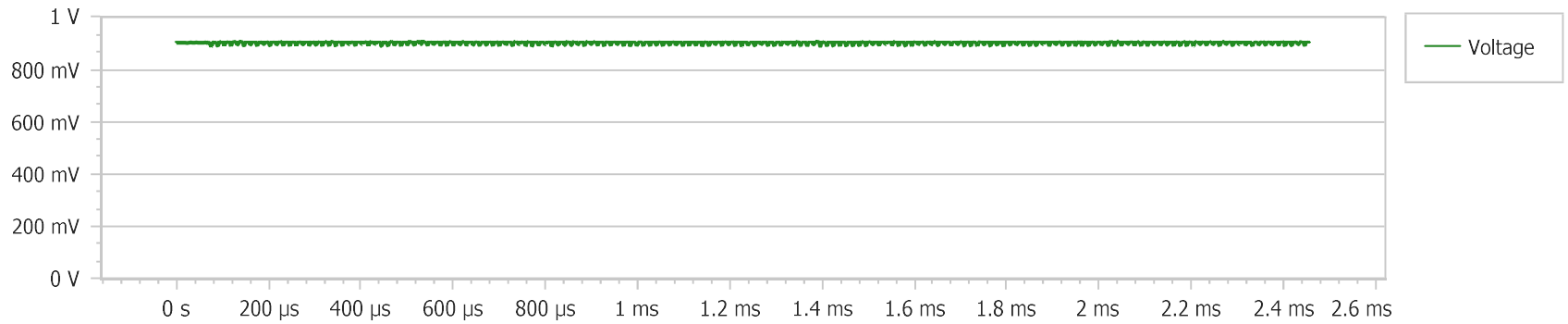
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

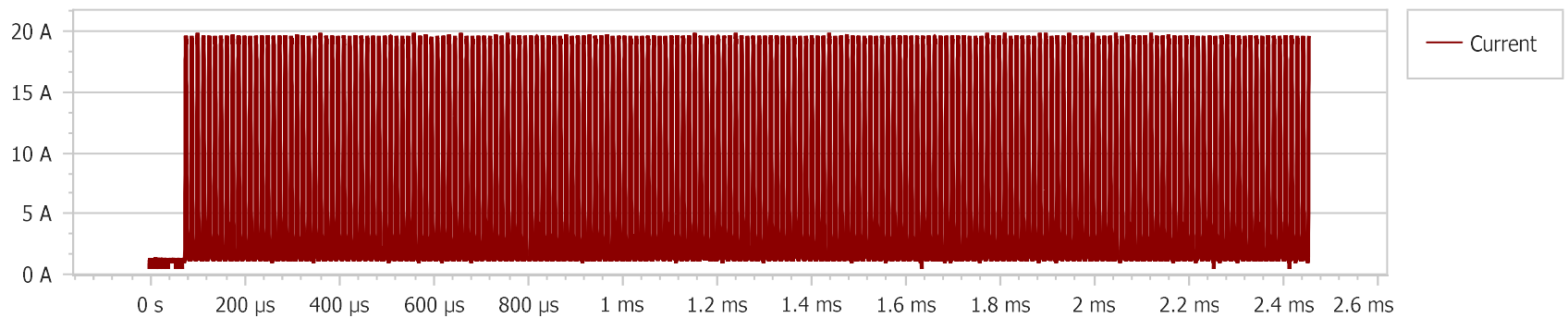
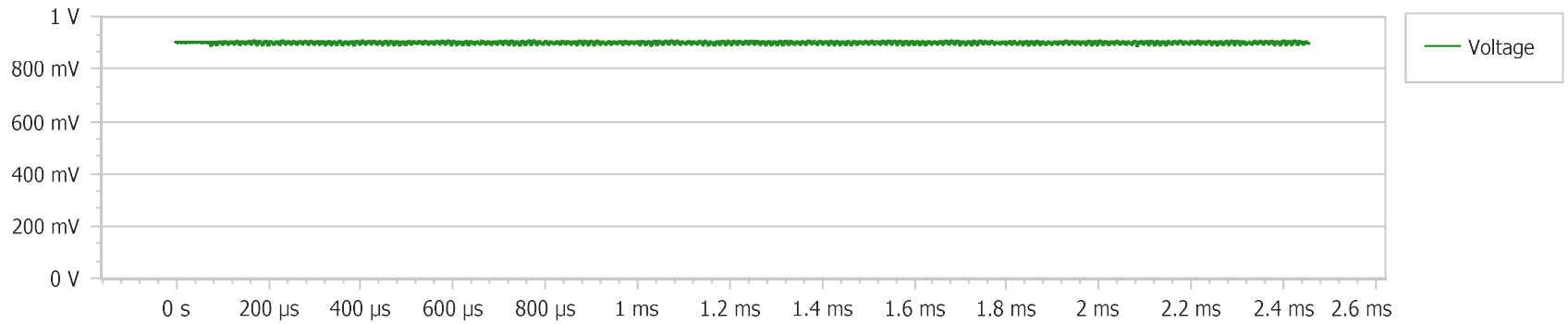
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

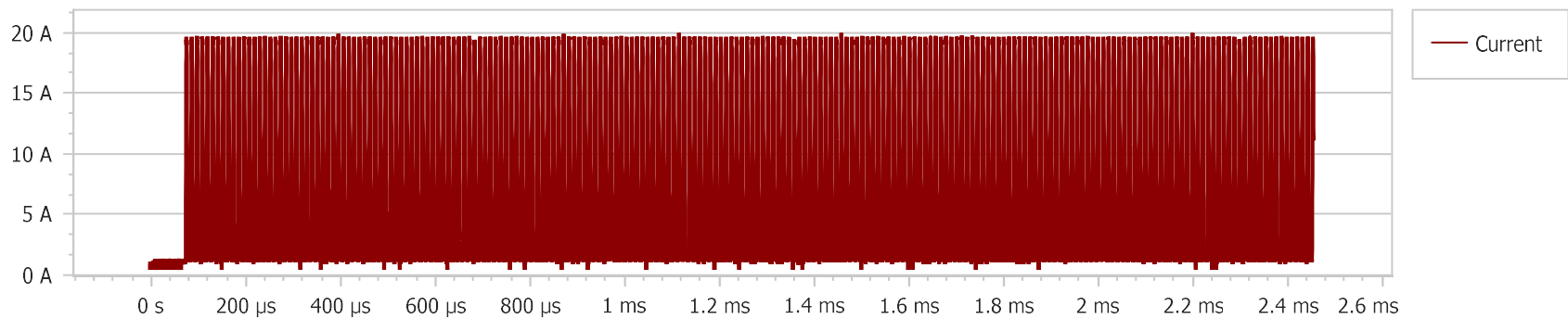
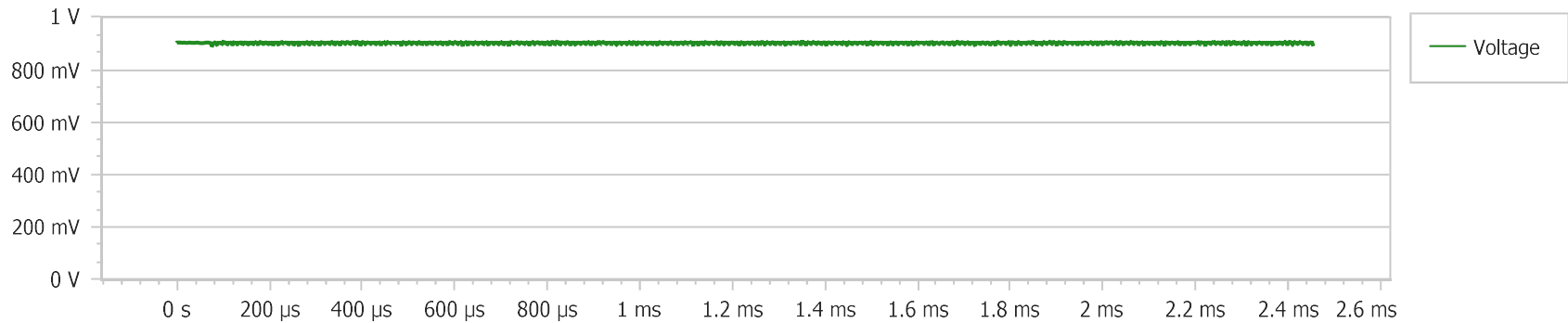
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

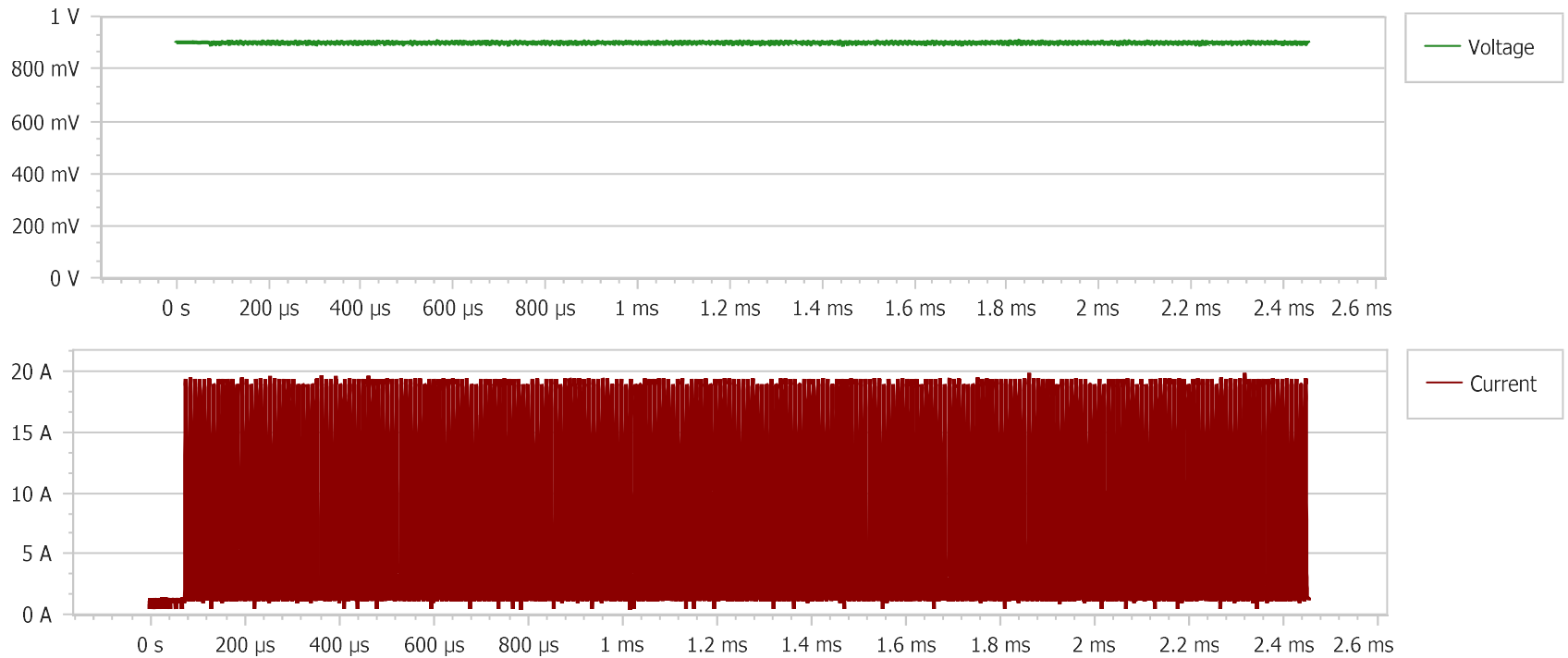
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

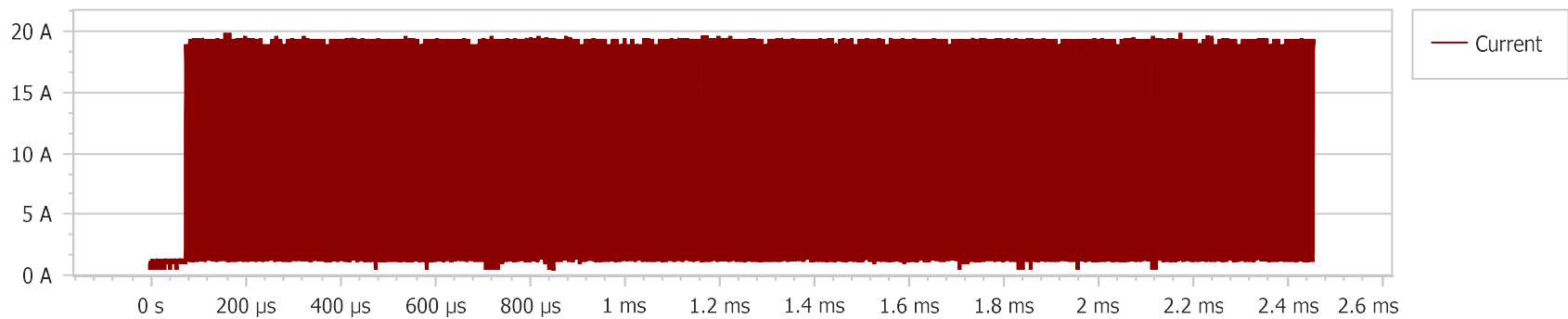
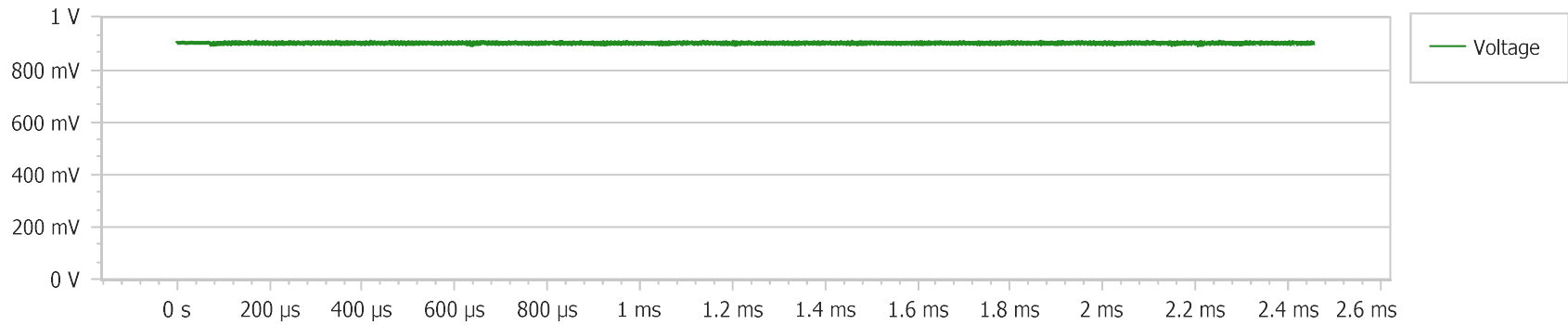
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

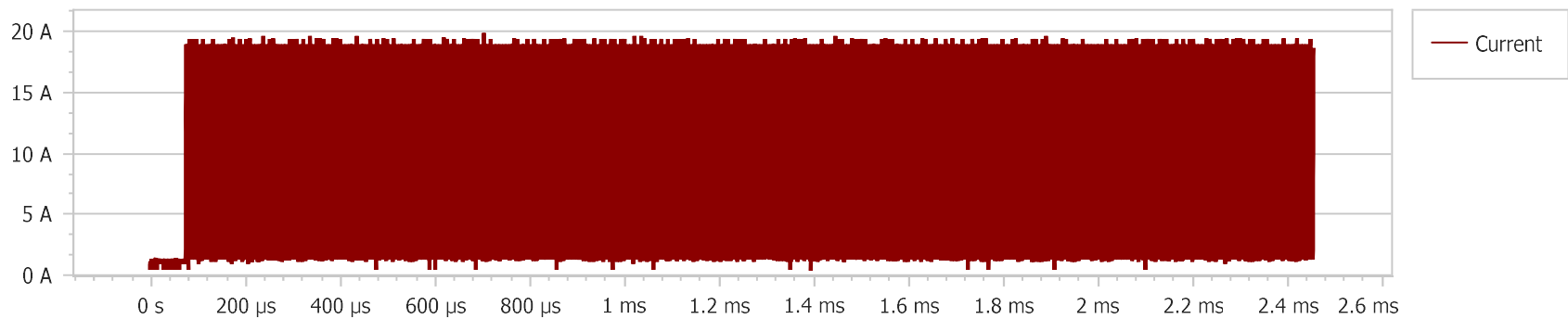
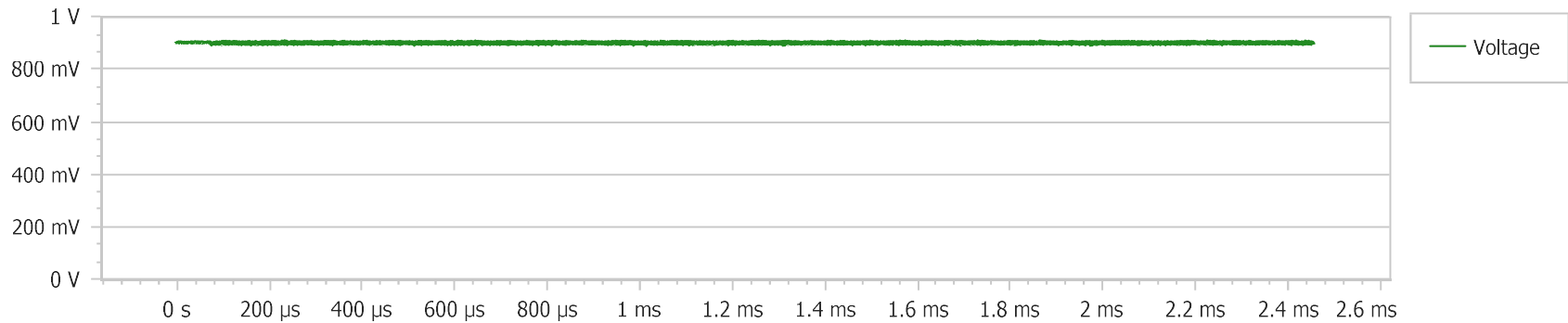
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

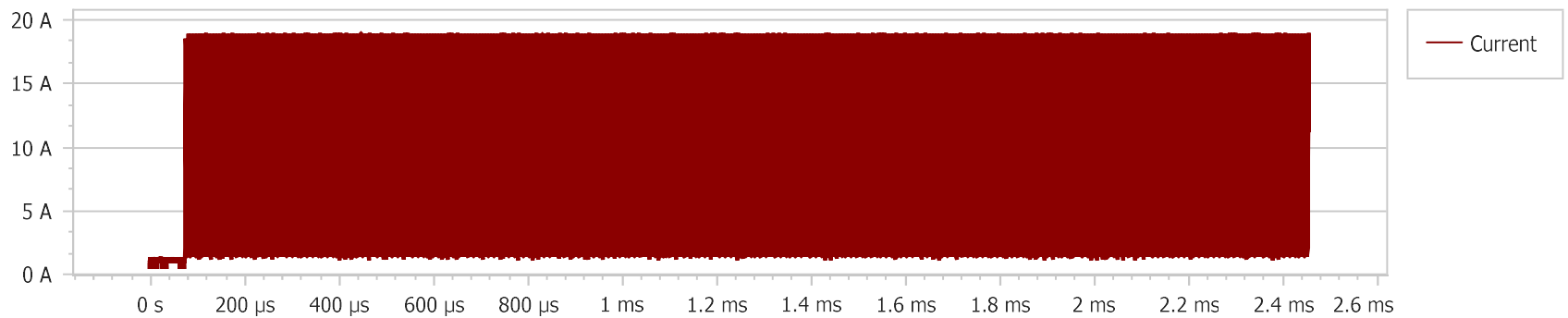
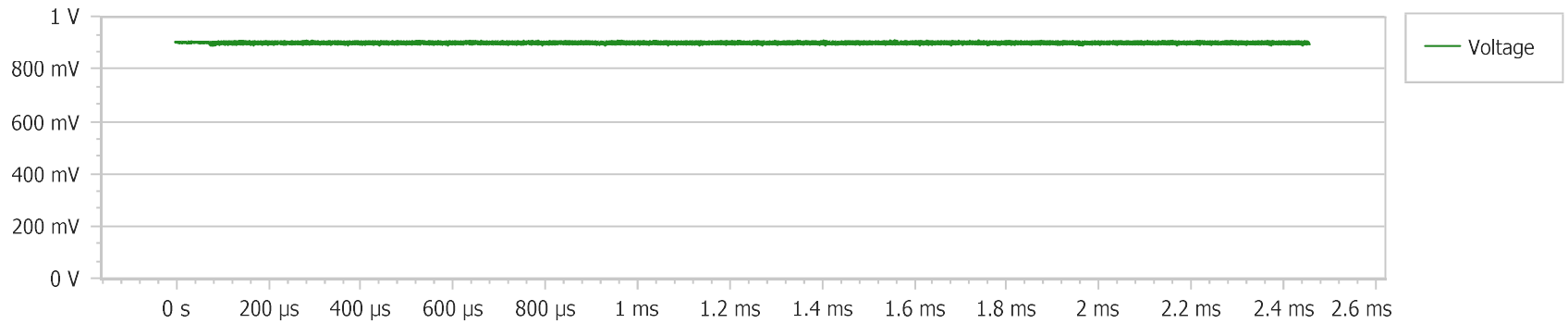
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

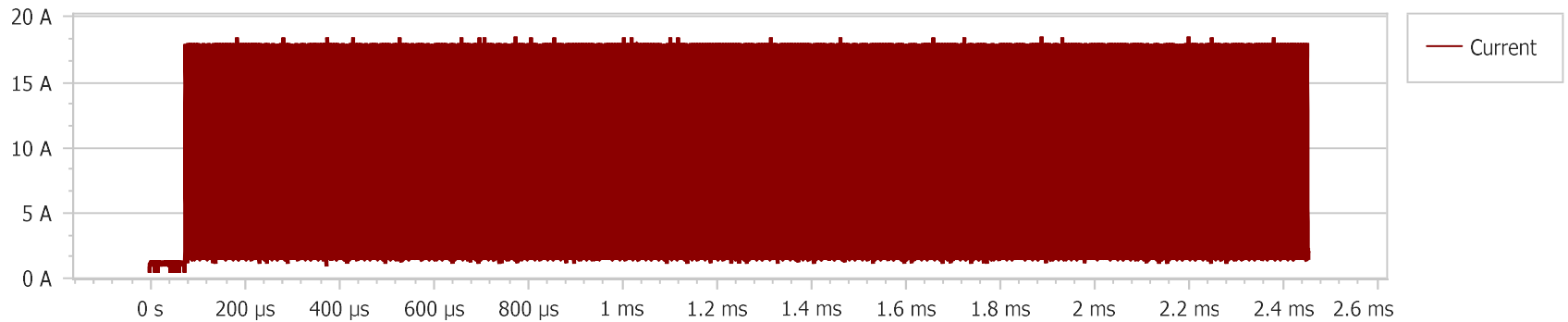
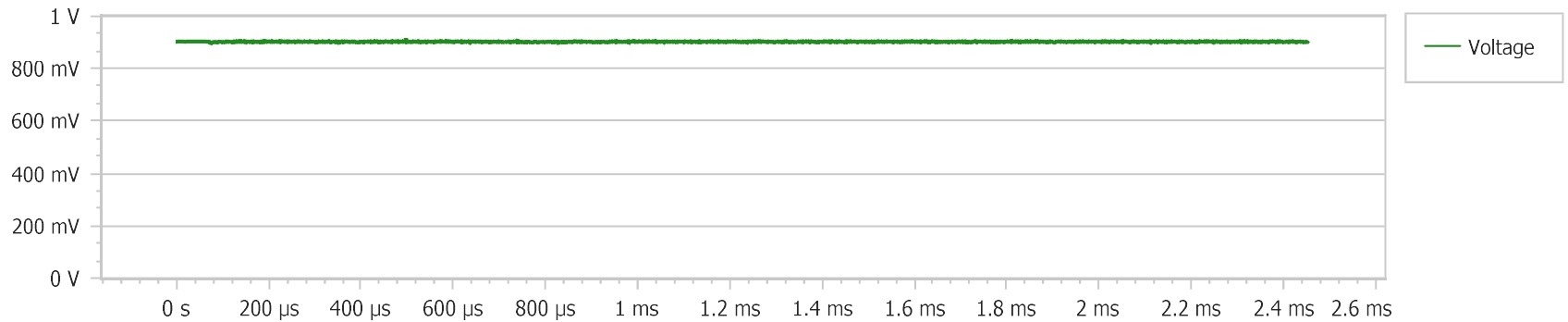
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

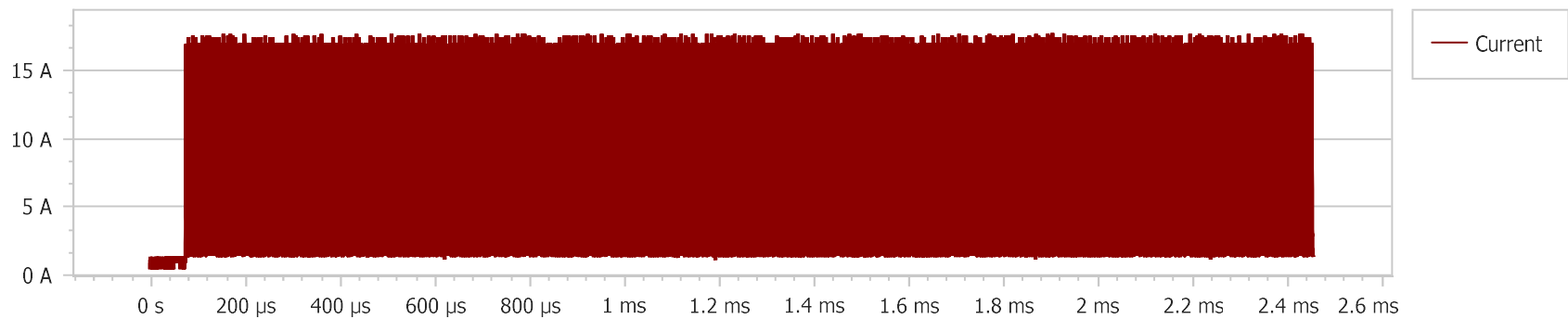
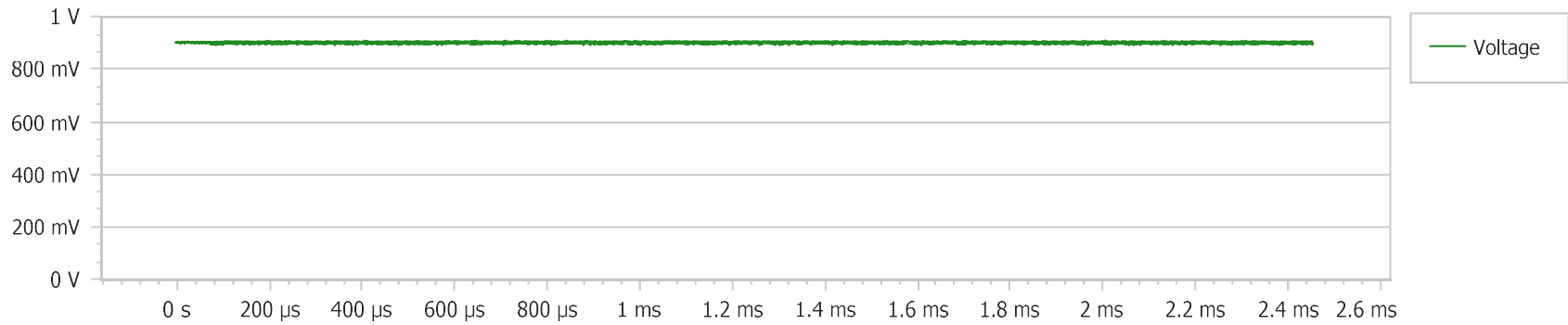
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

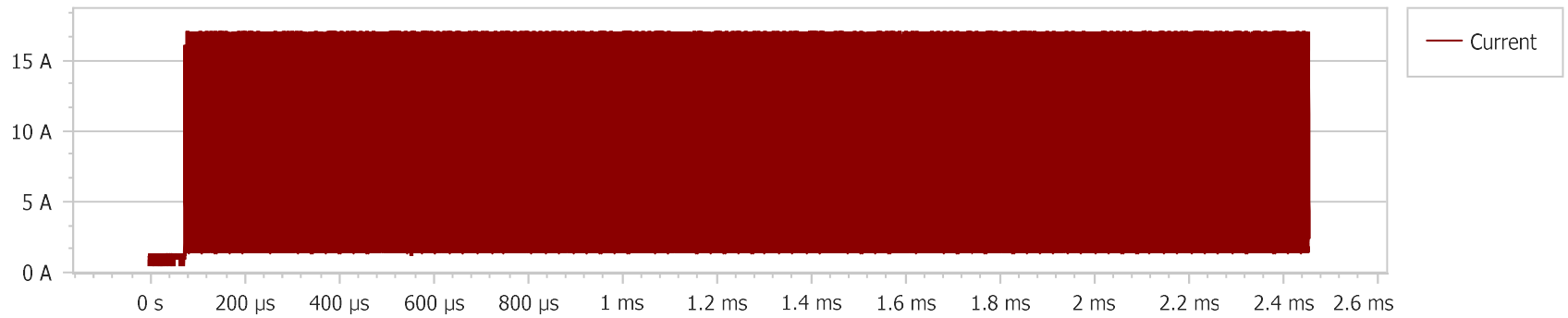
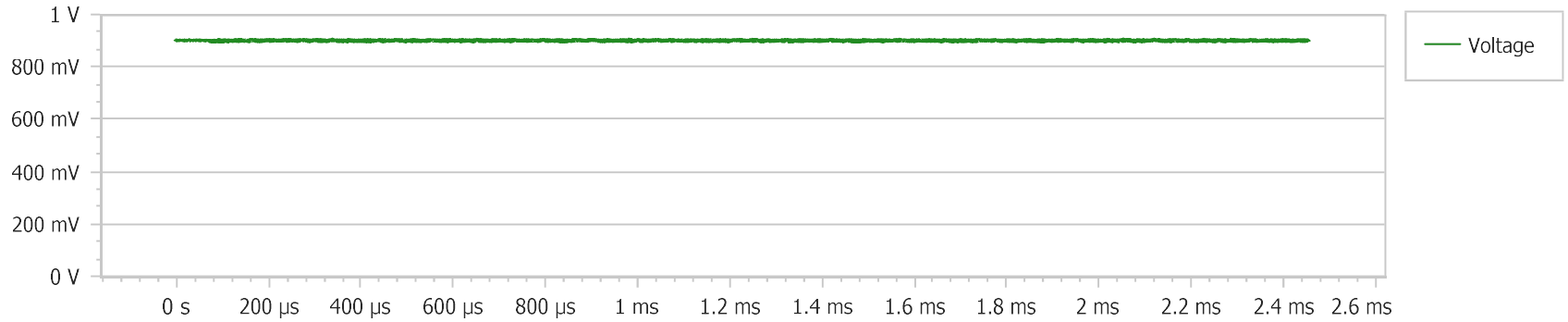
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

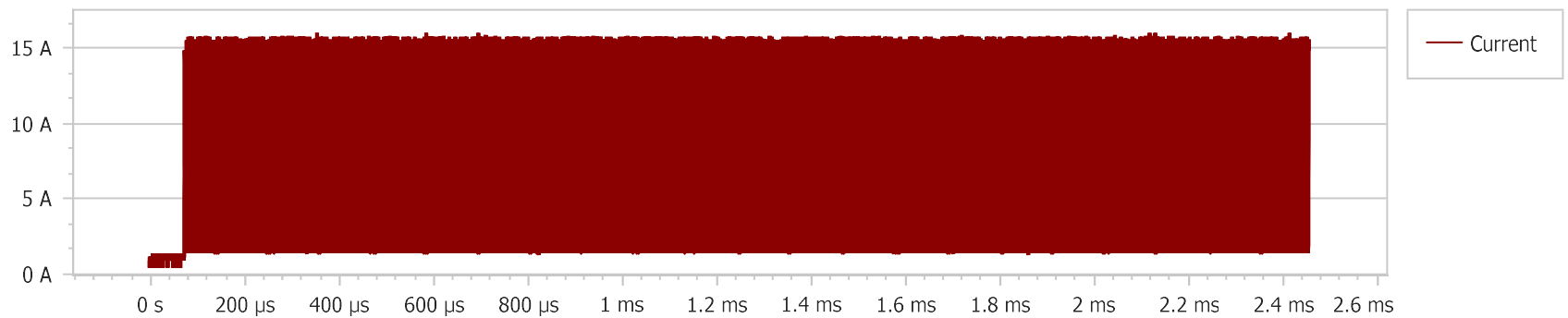
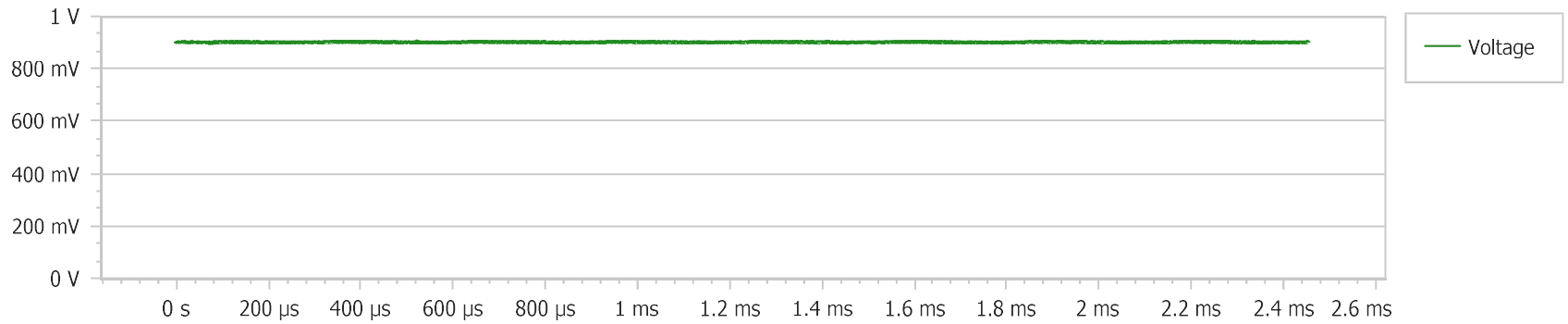
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

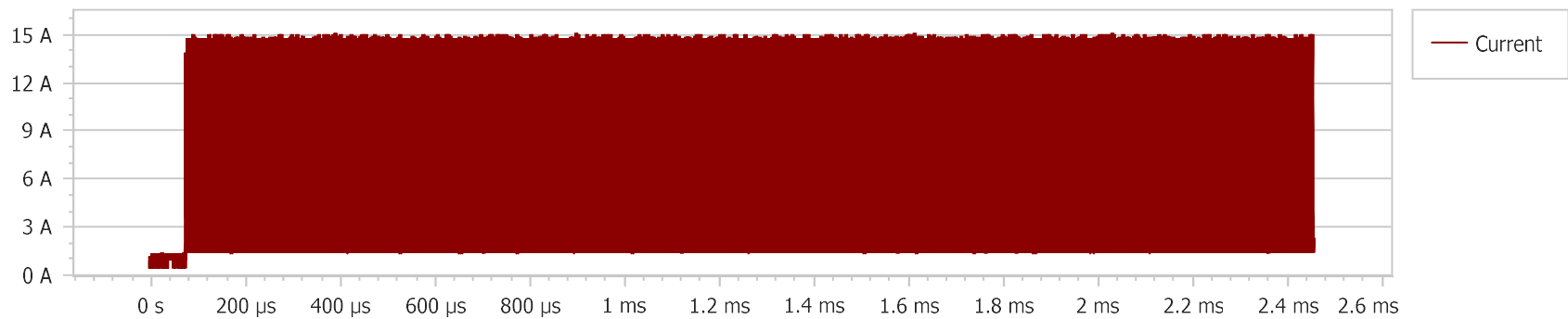
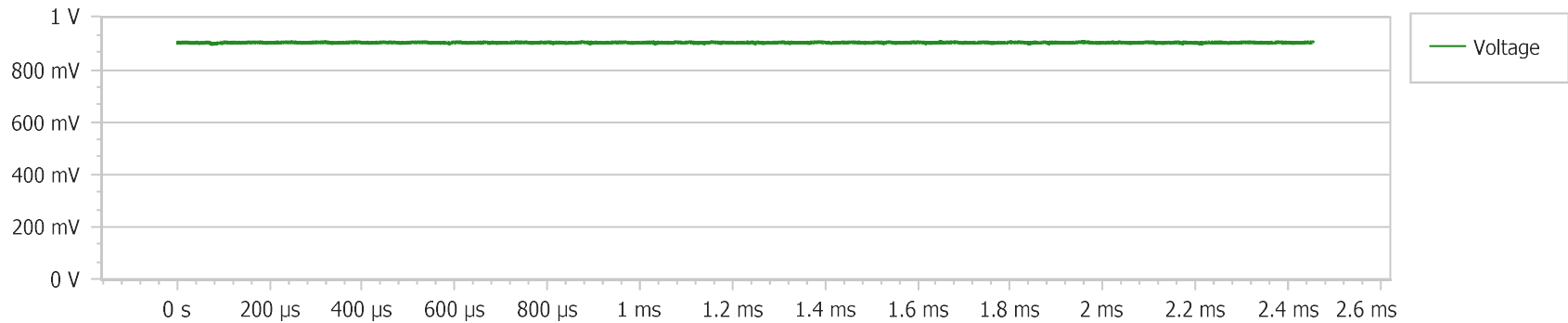
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

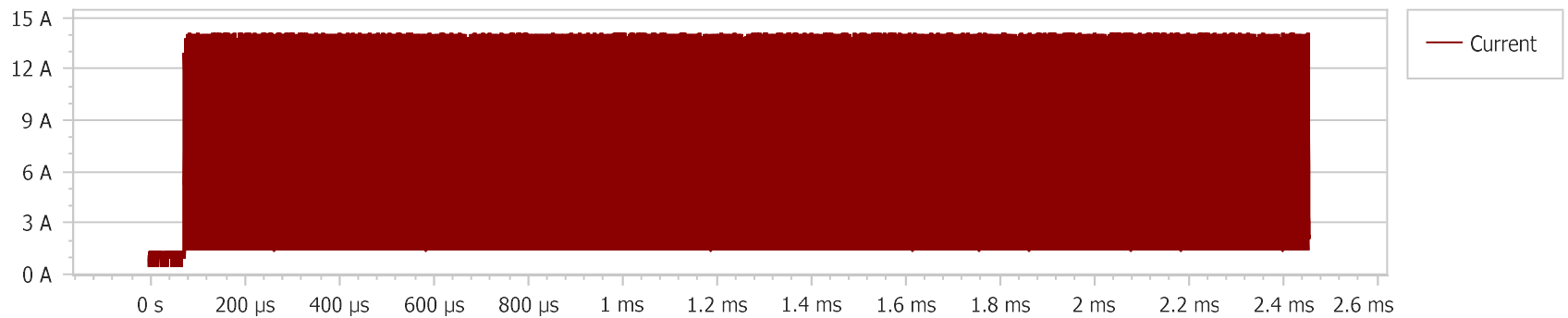
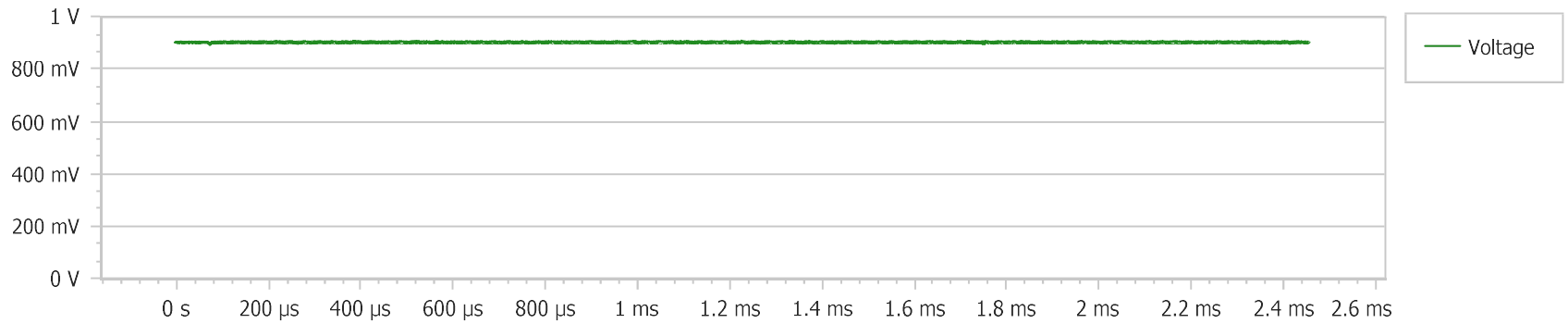
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

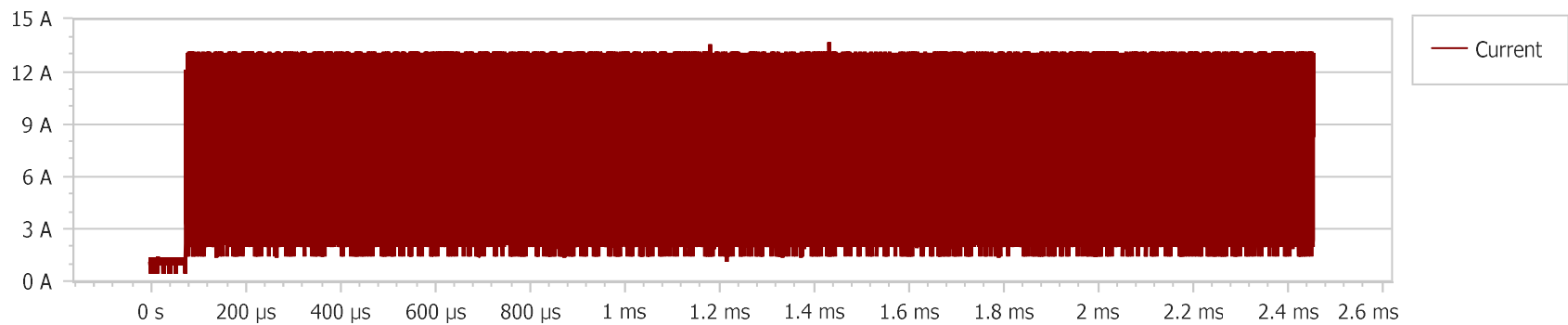
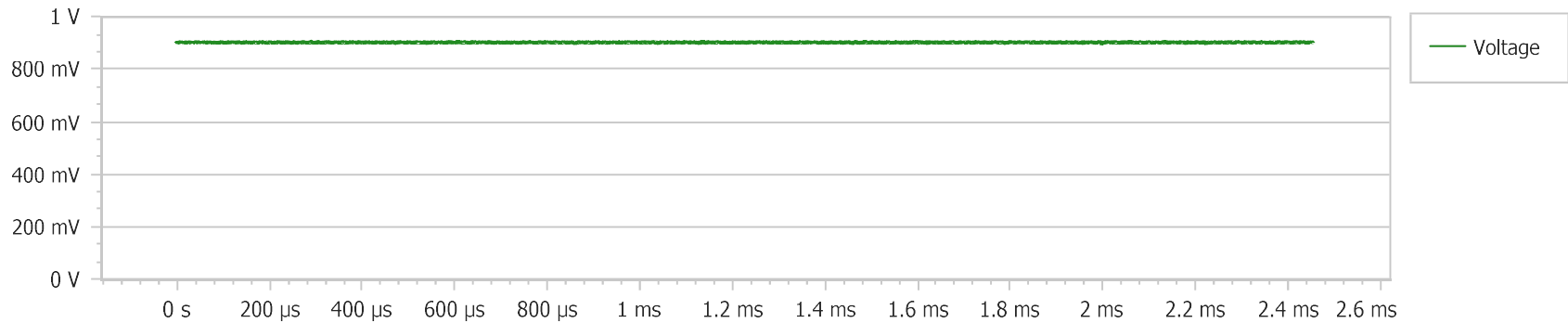
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

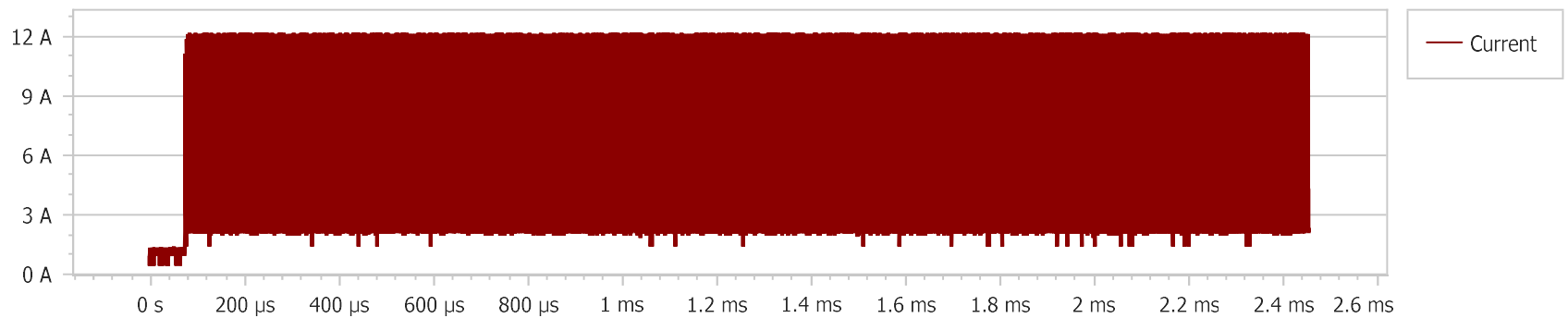
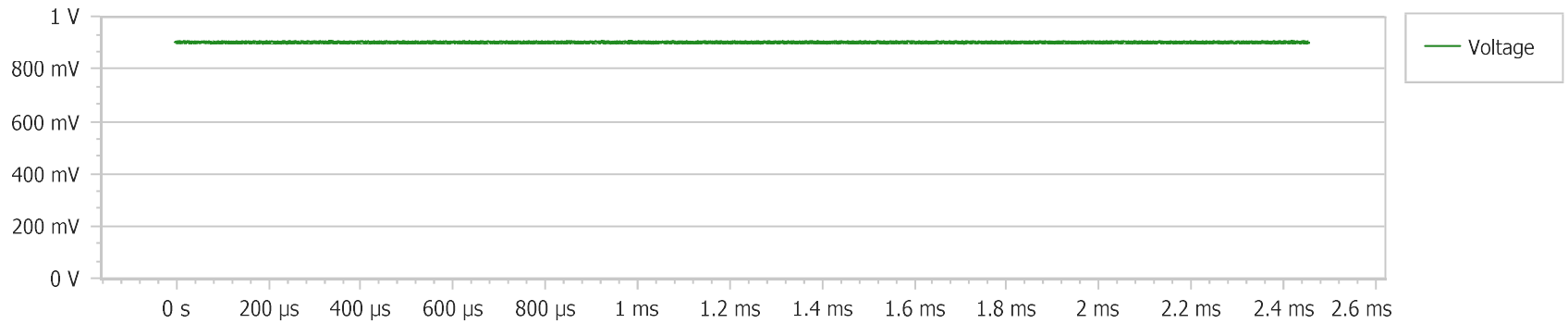
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

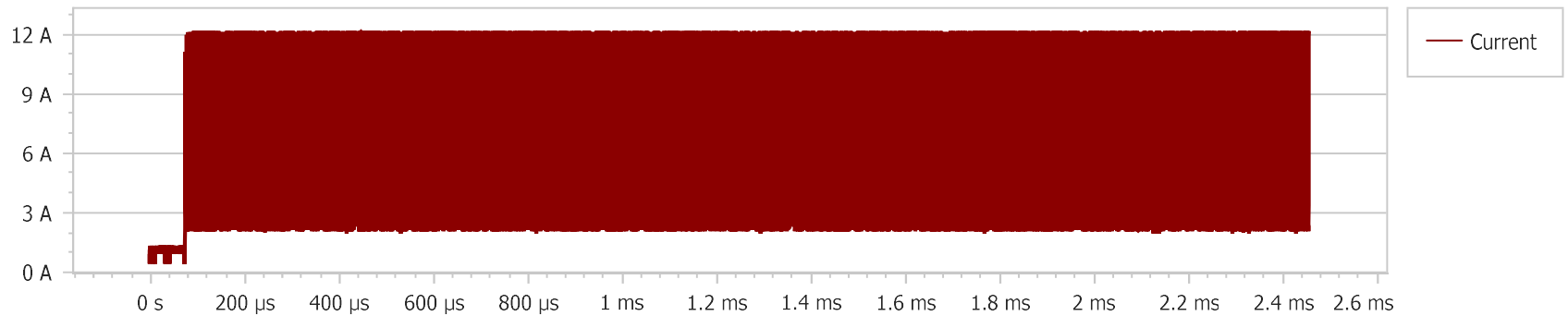
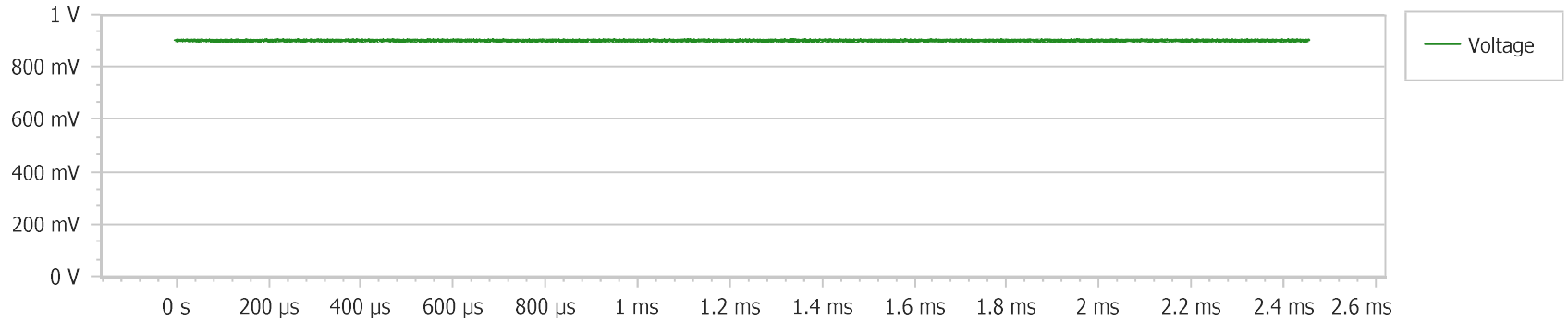
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

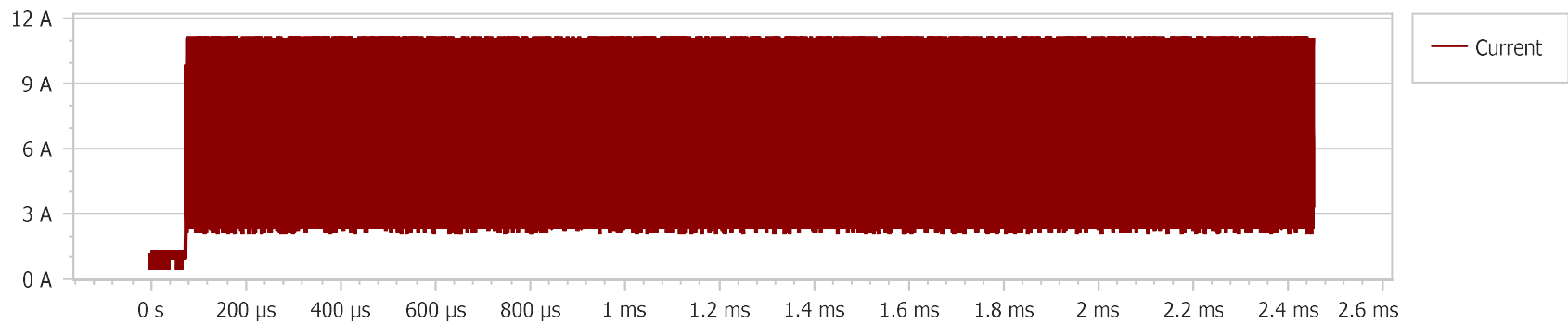
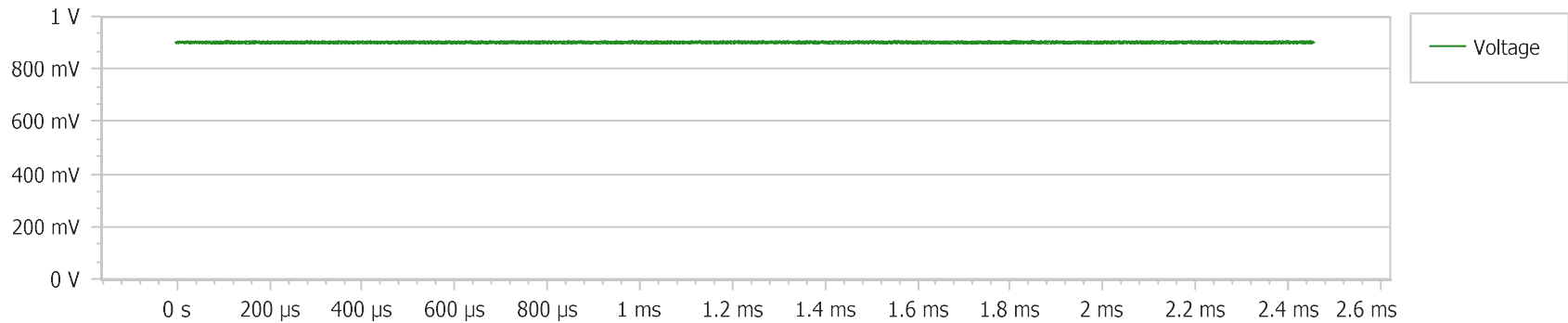
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

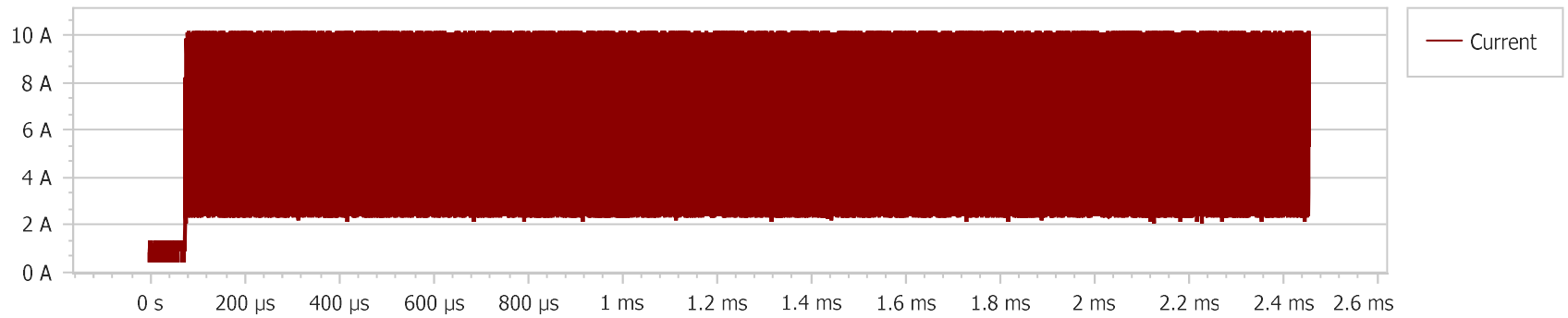
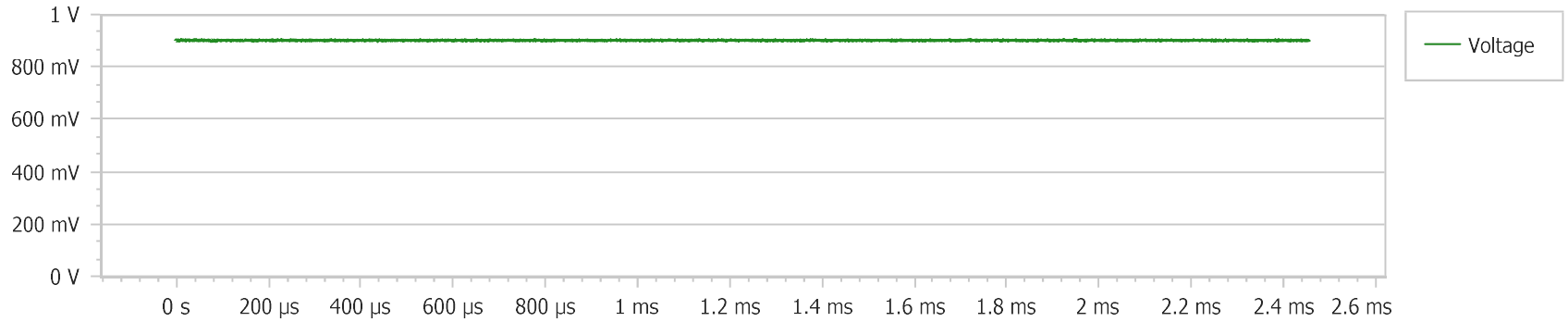
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

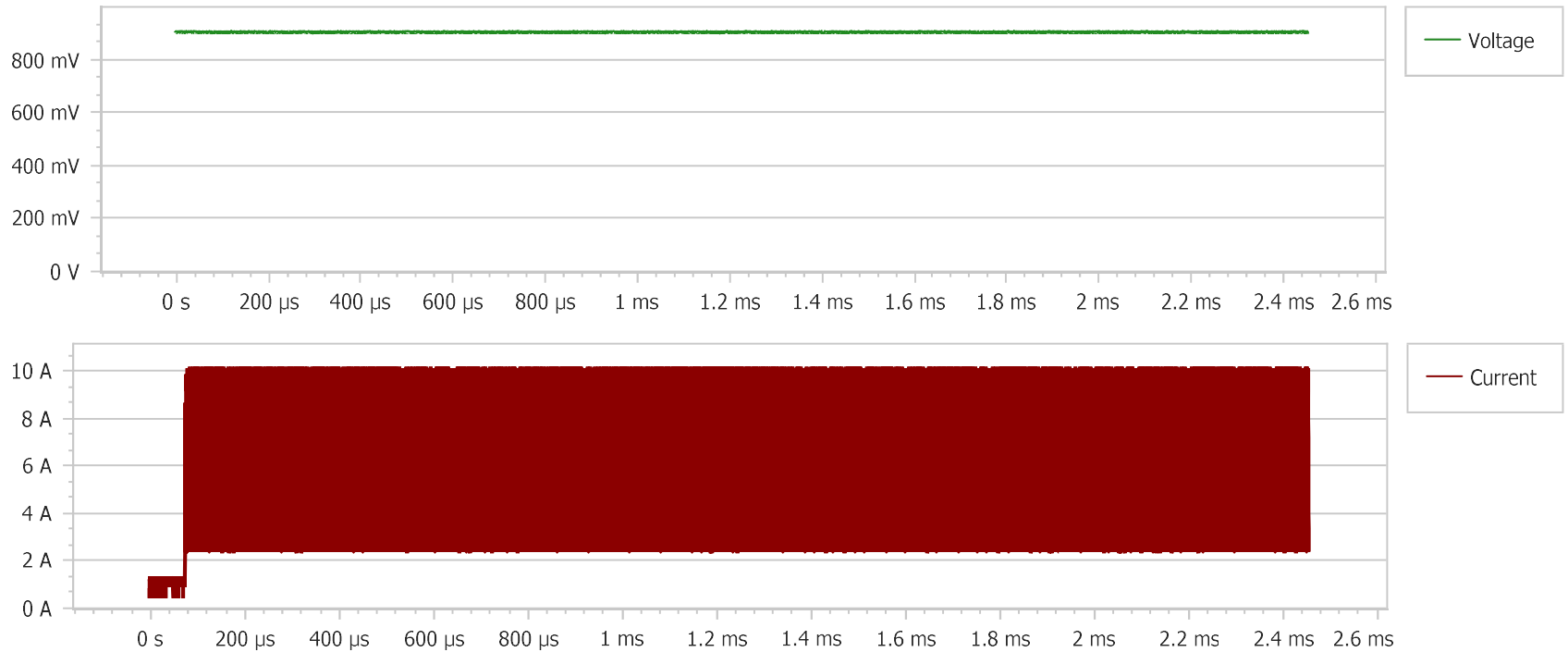
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

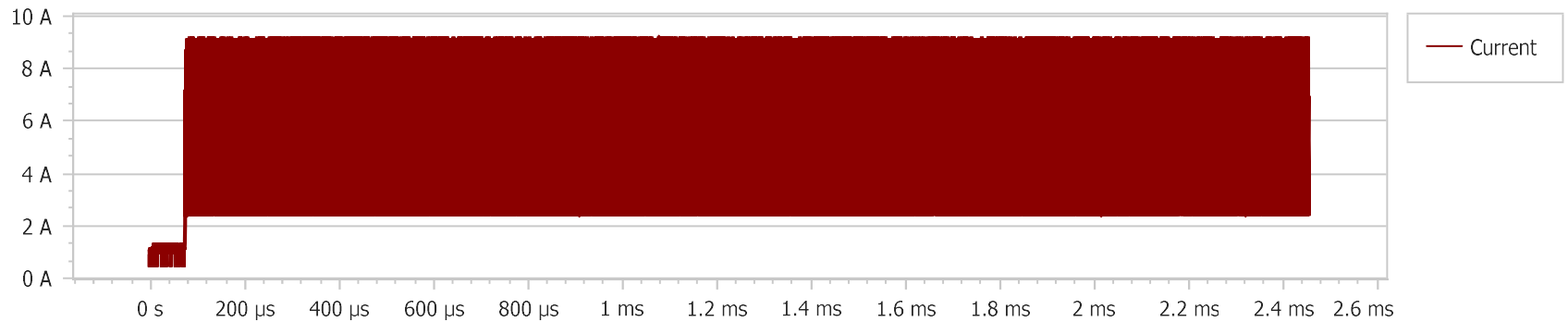
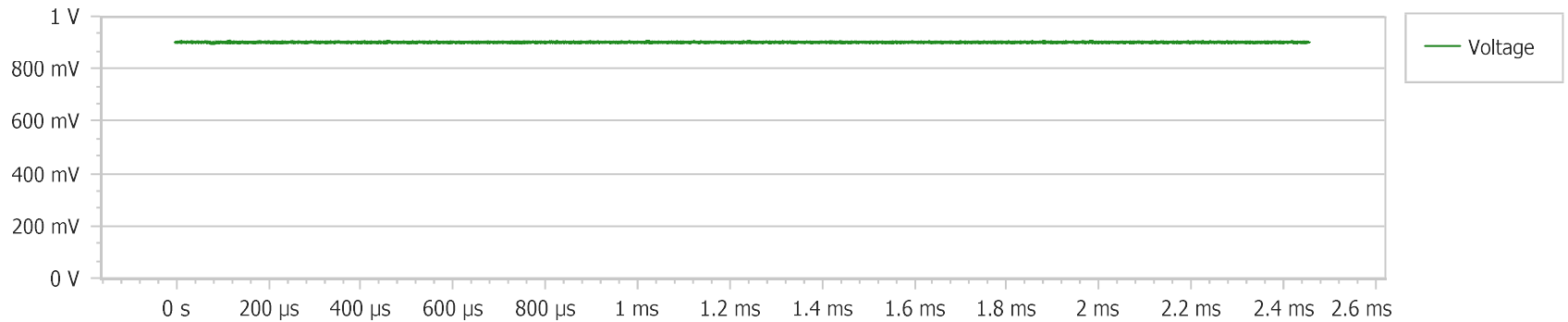
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

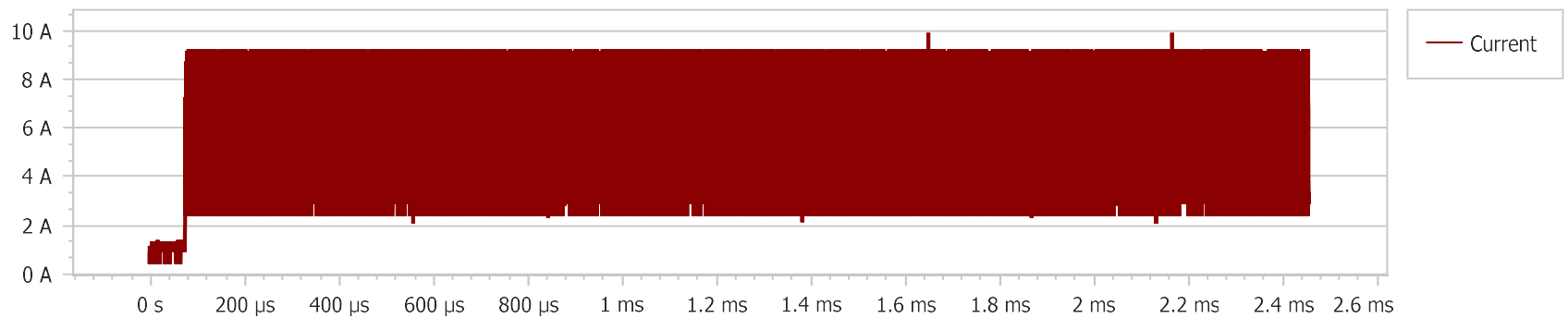
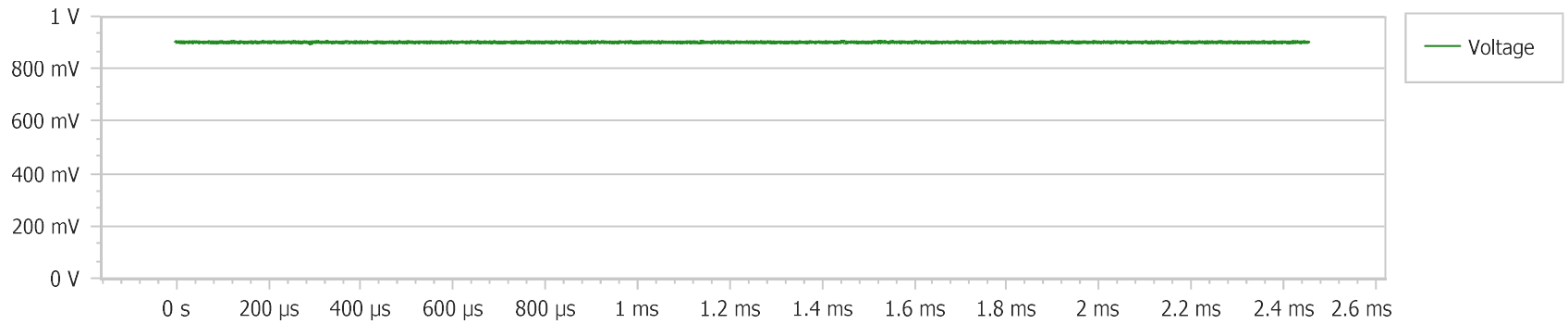
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

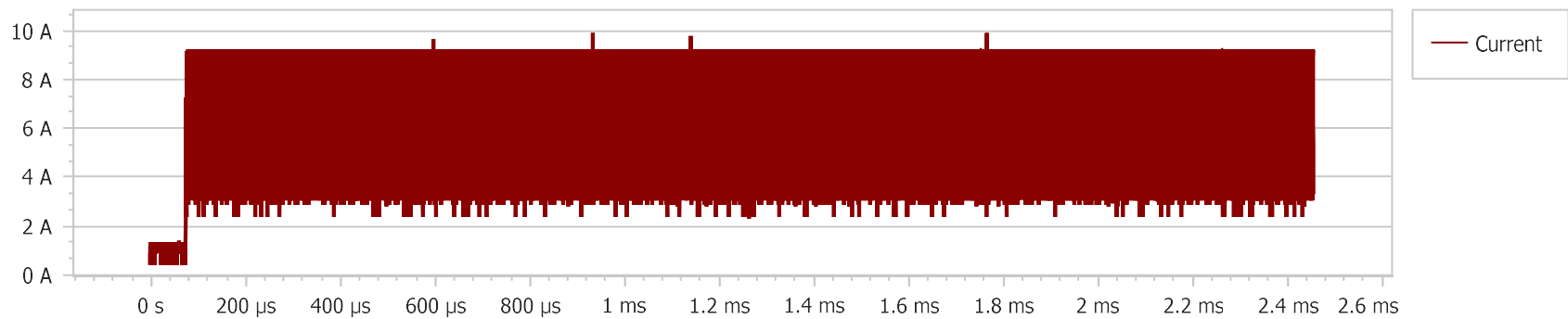
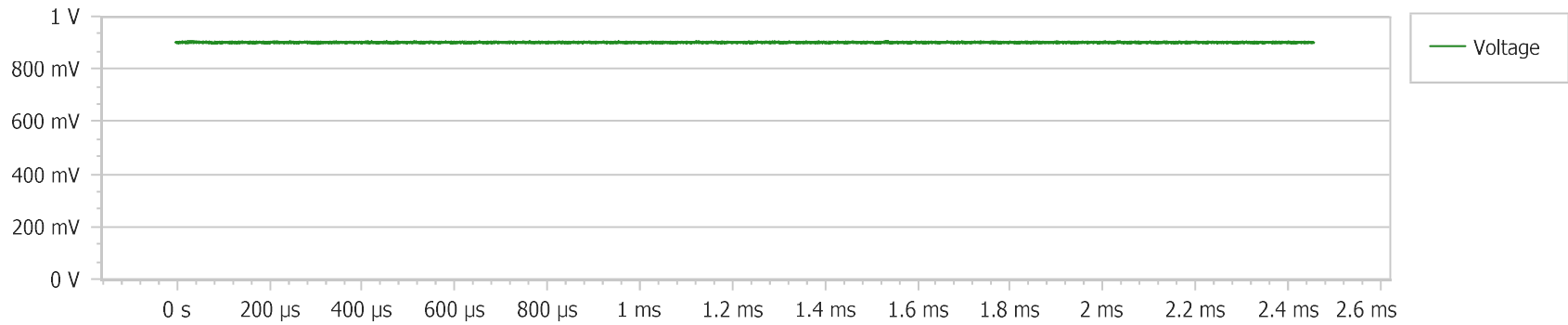
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

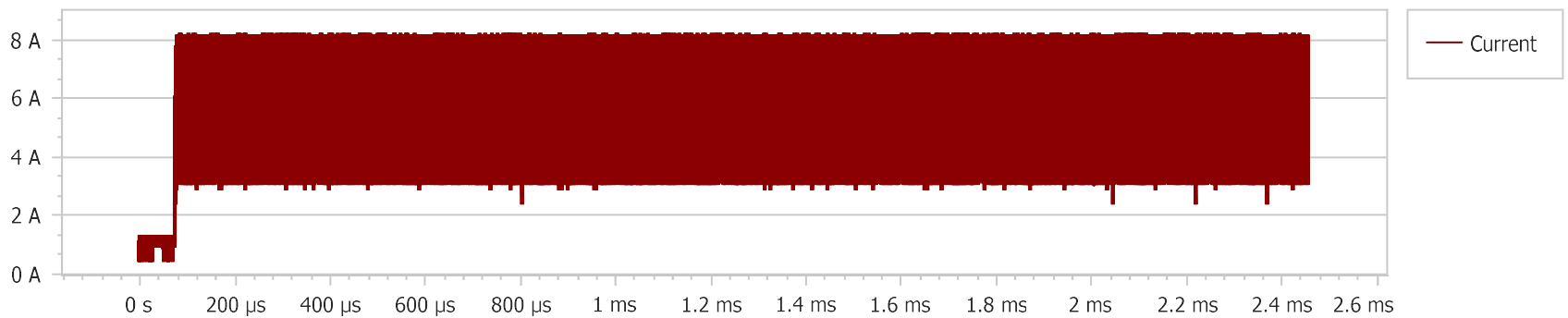
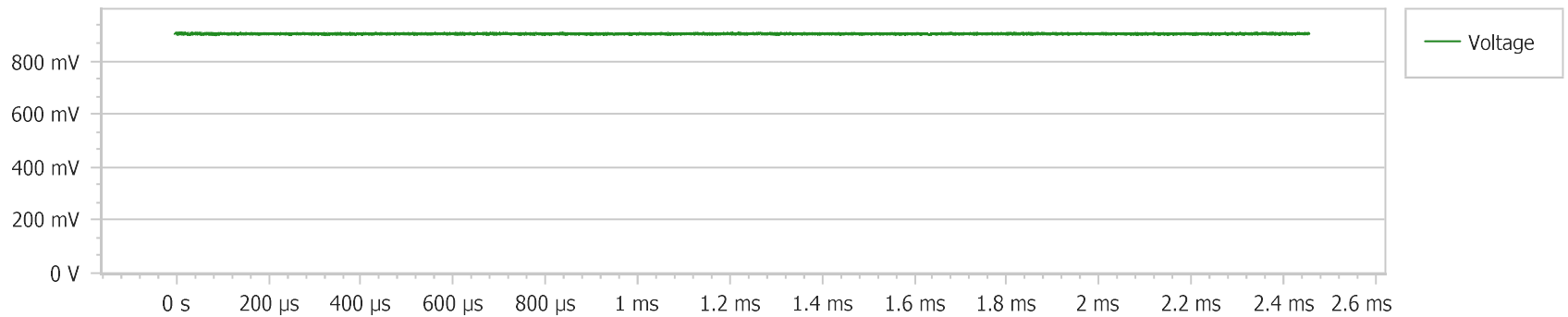
Duty Cycle: 25 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

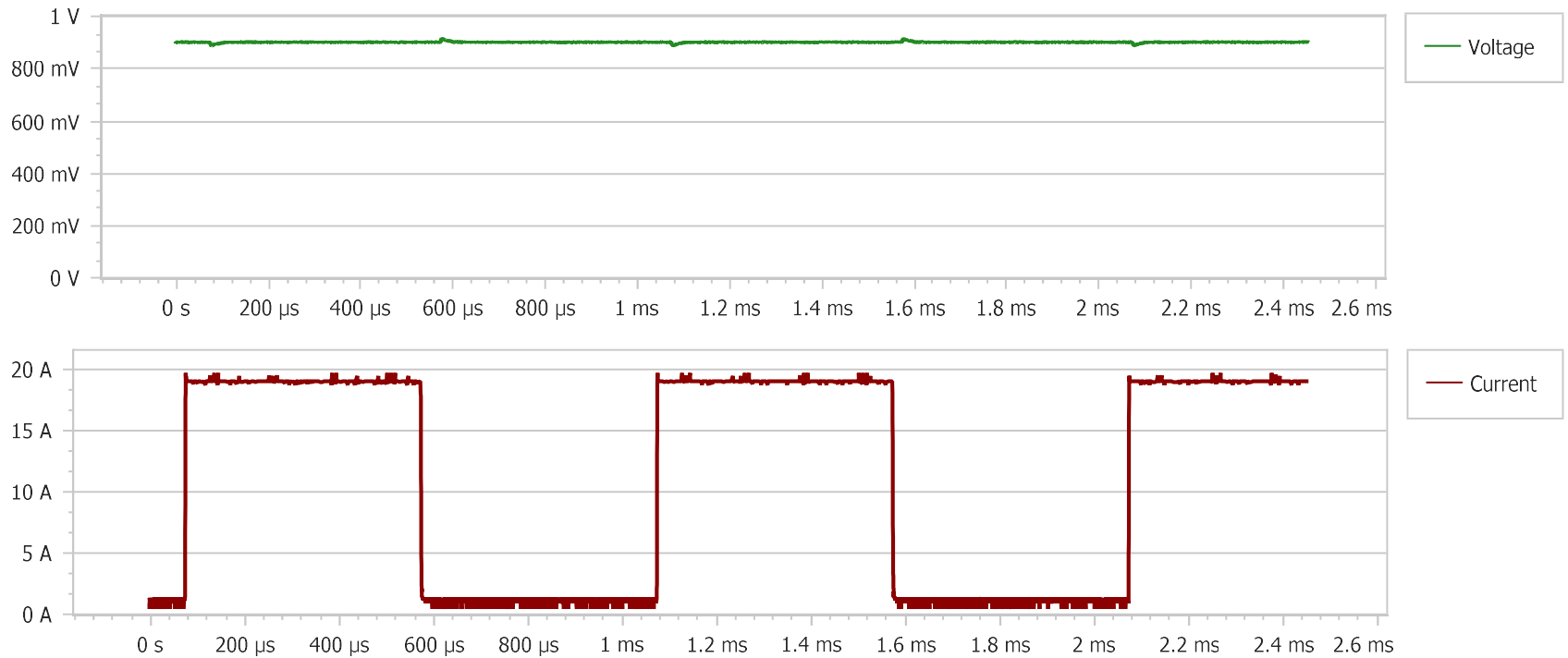
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

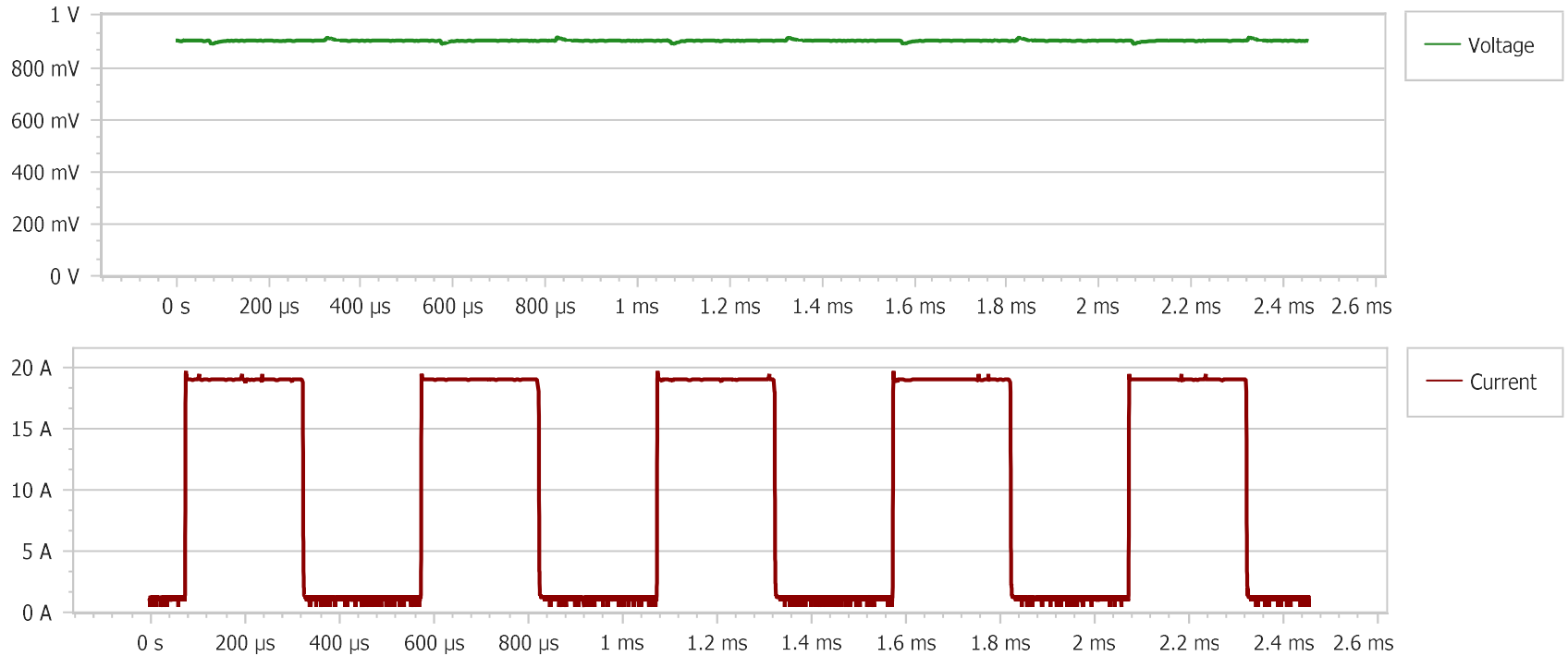
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

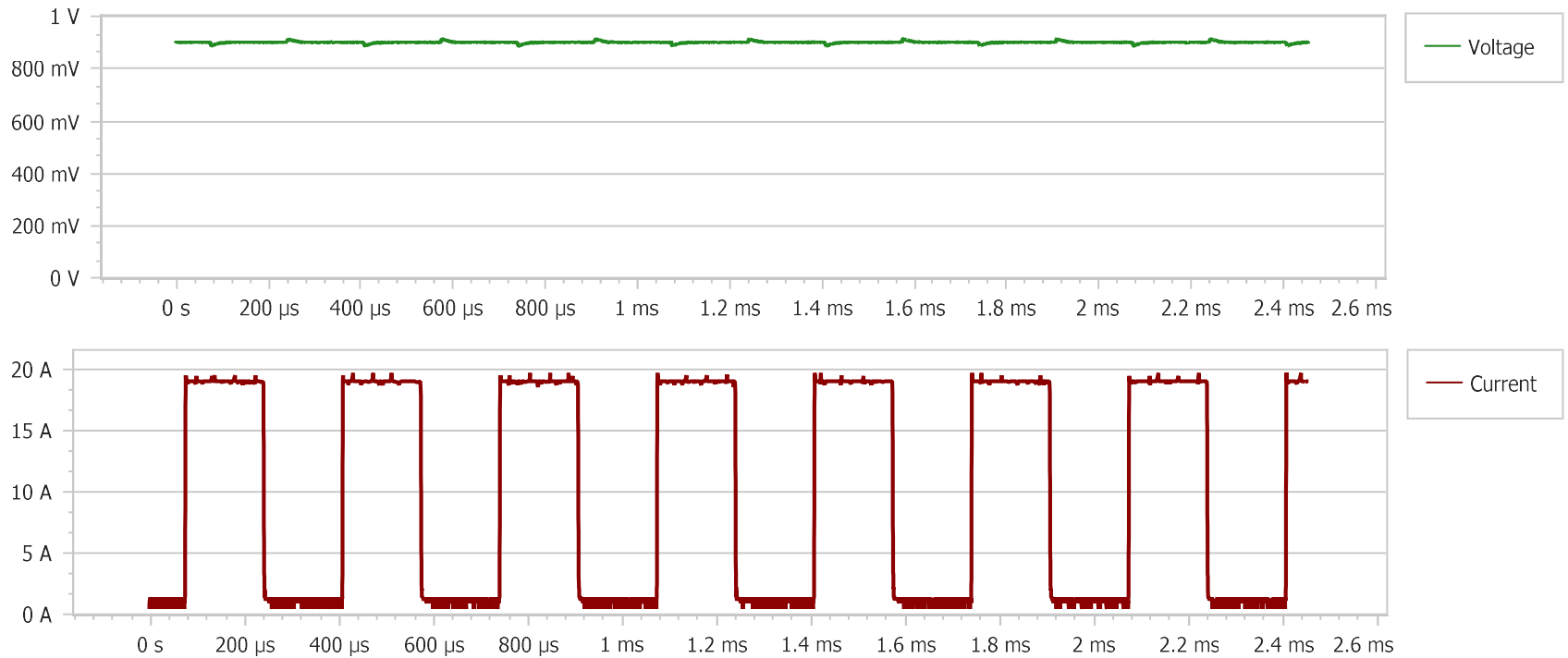
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

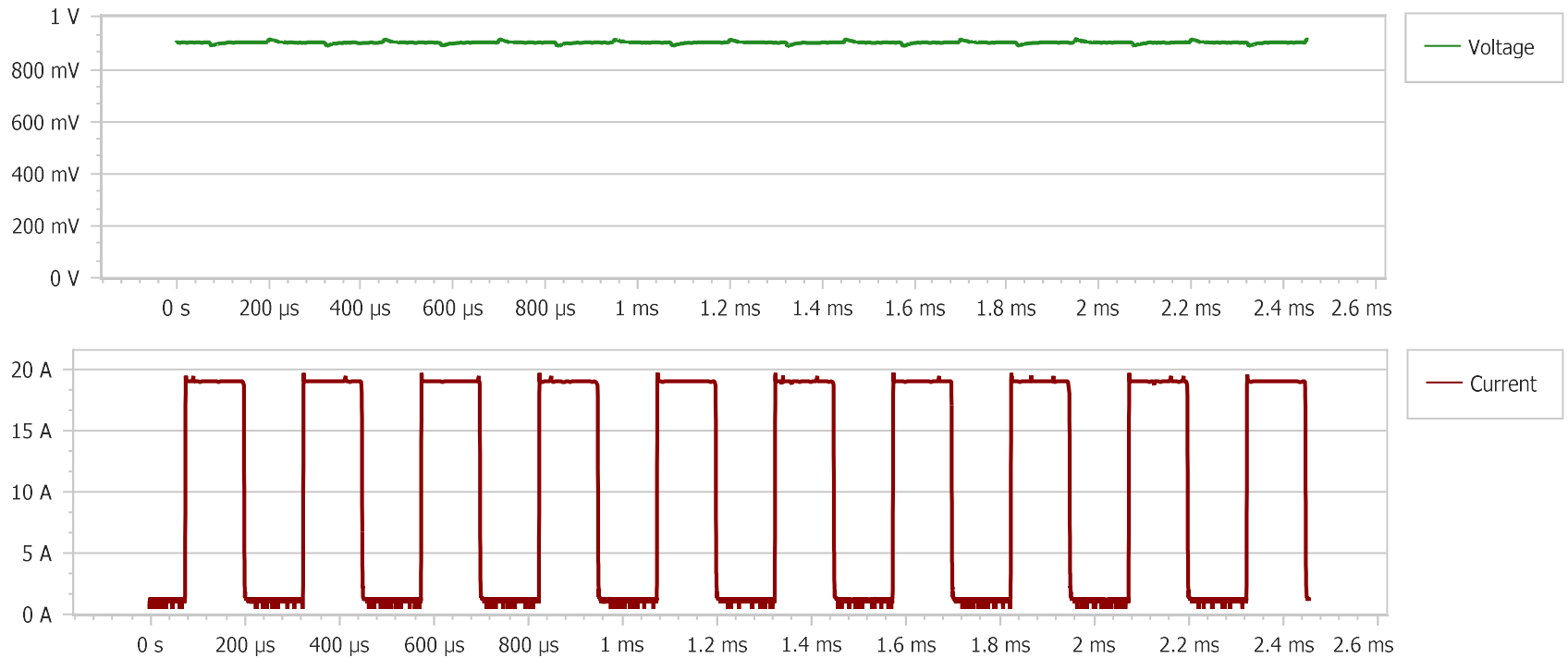
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

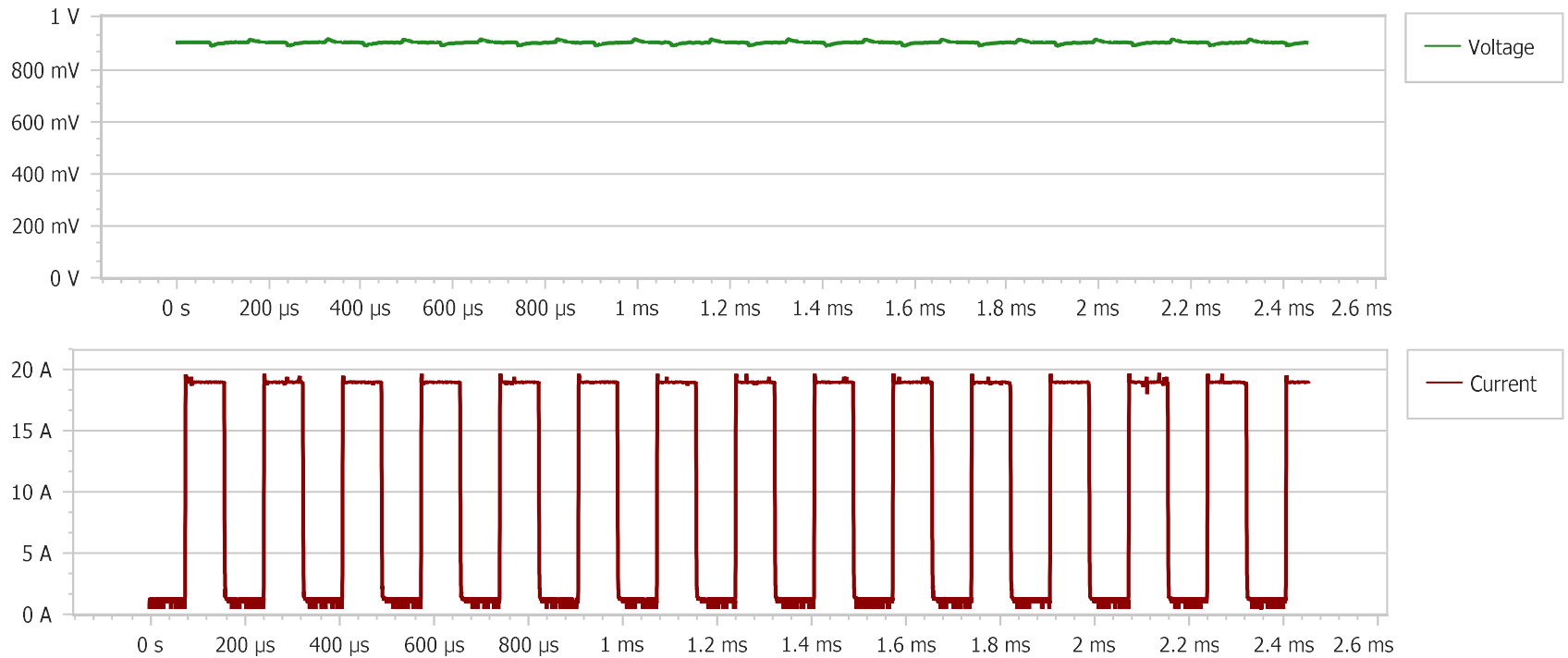
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

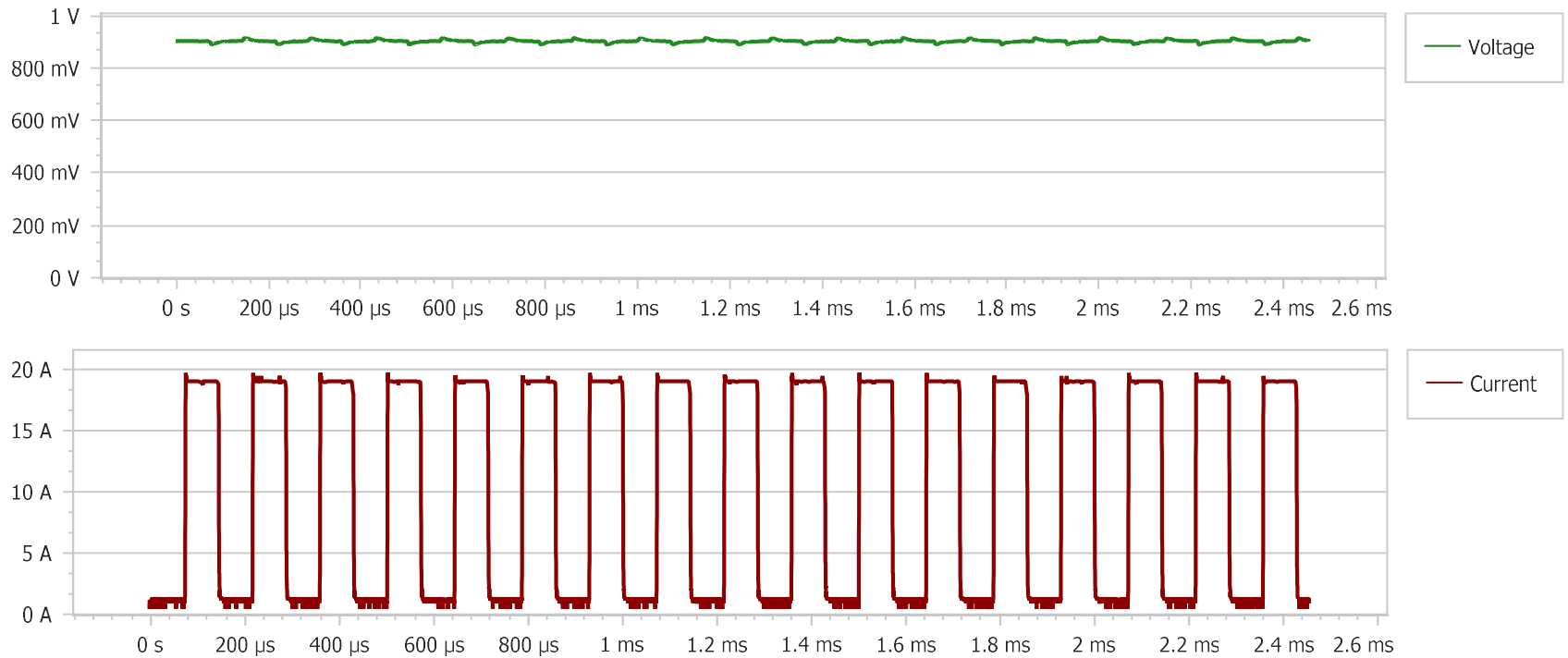
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

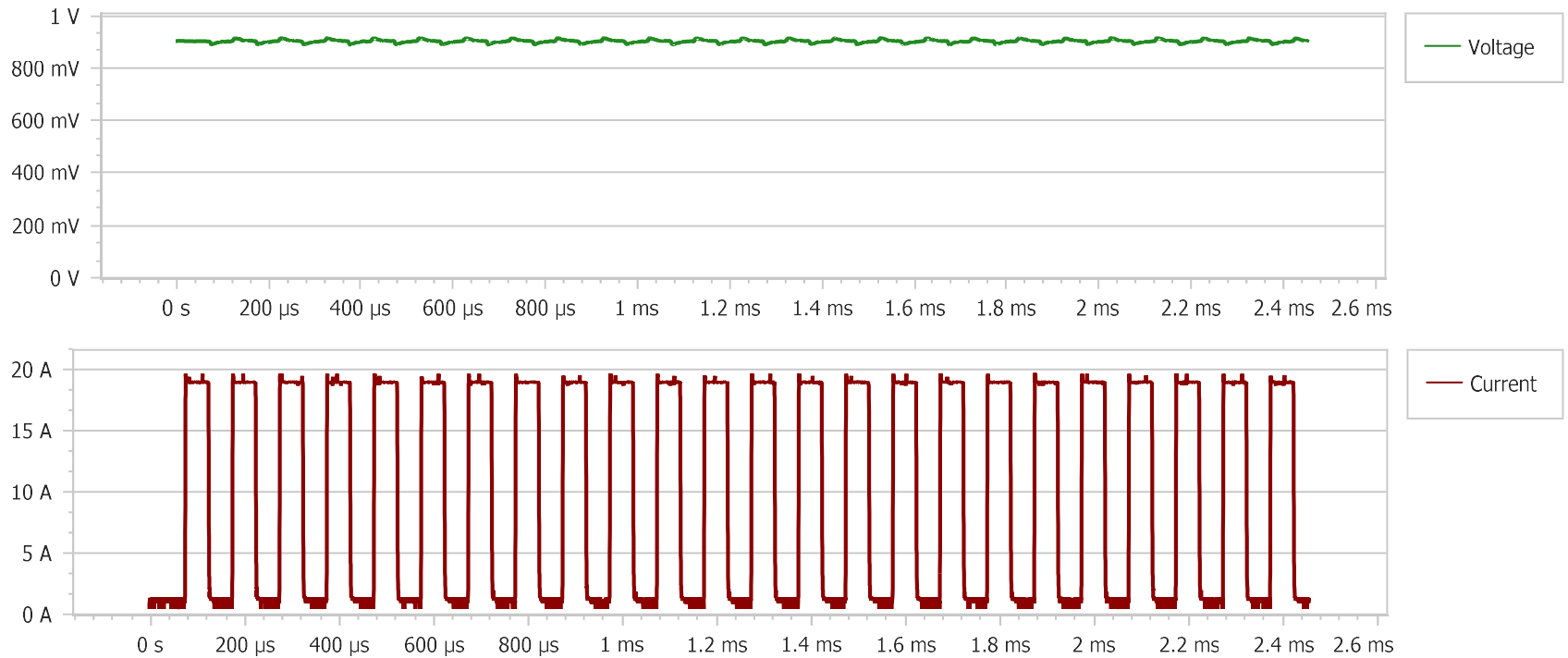
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

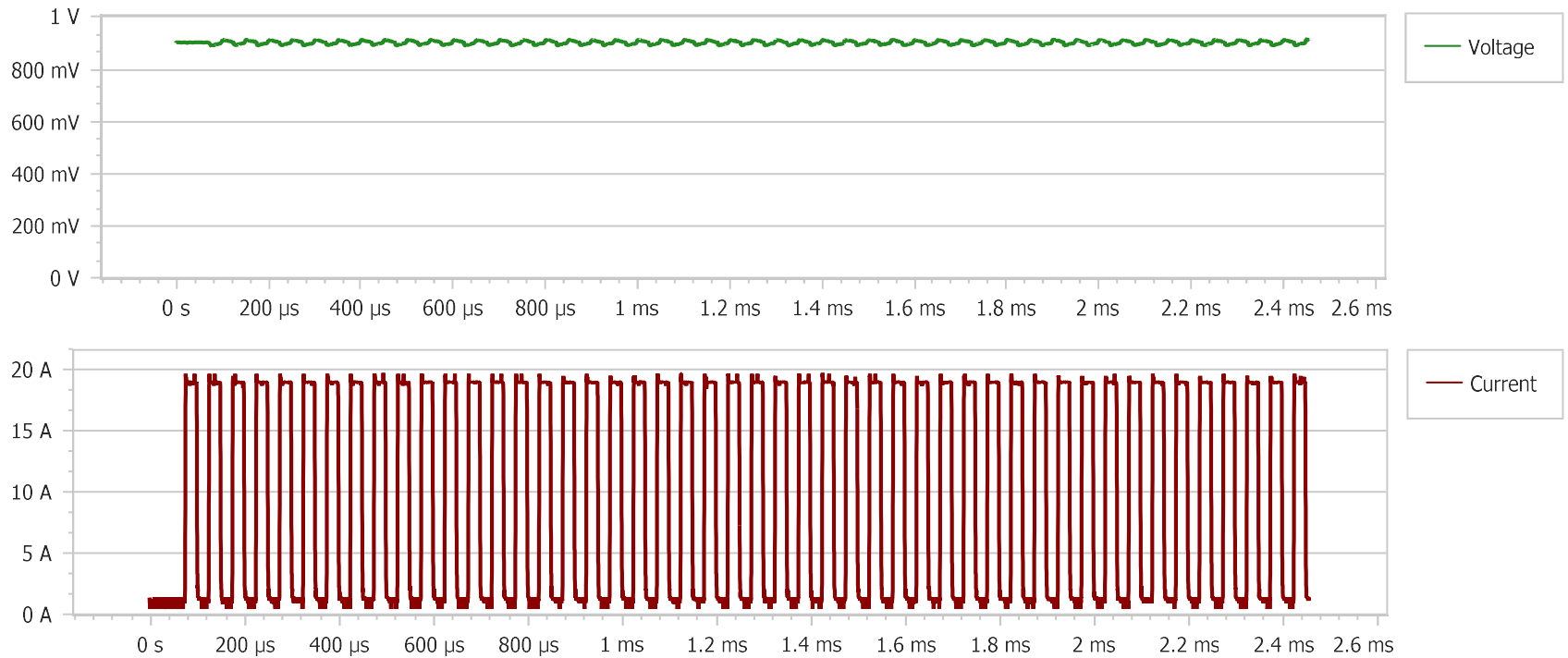
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

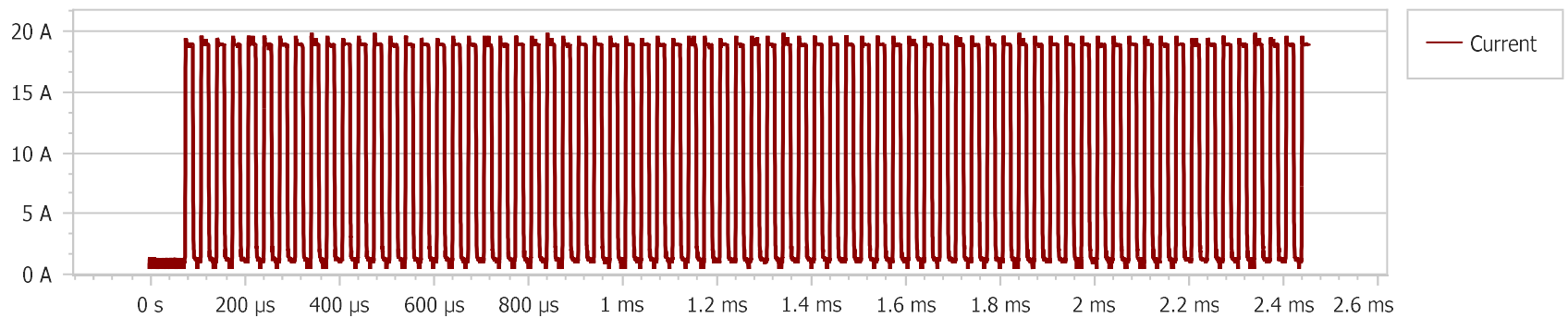
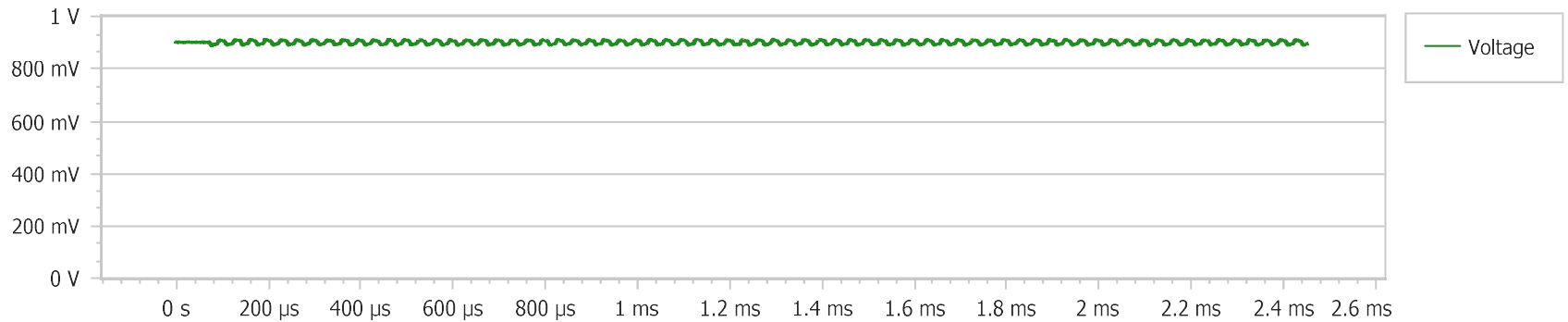
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

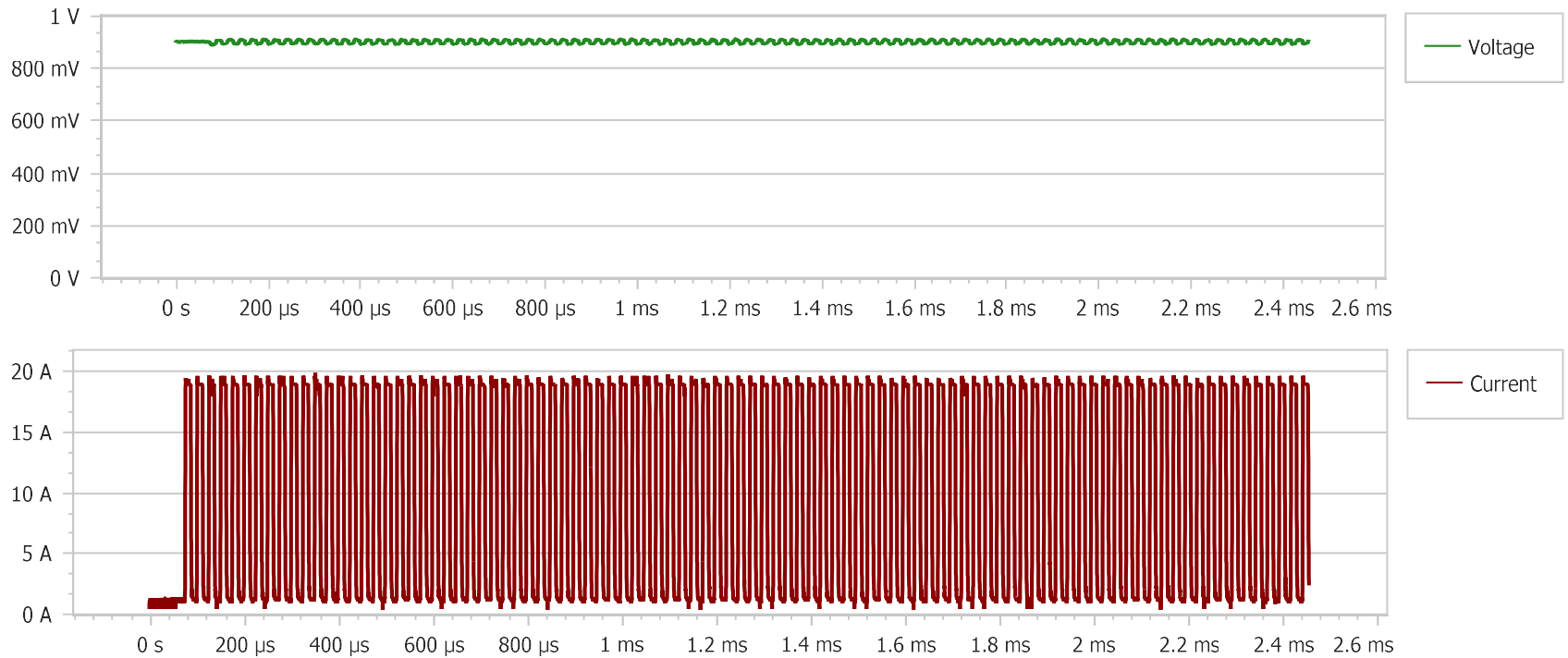
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

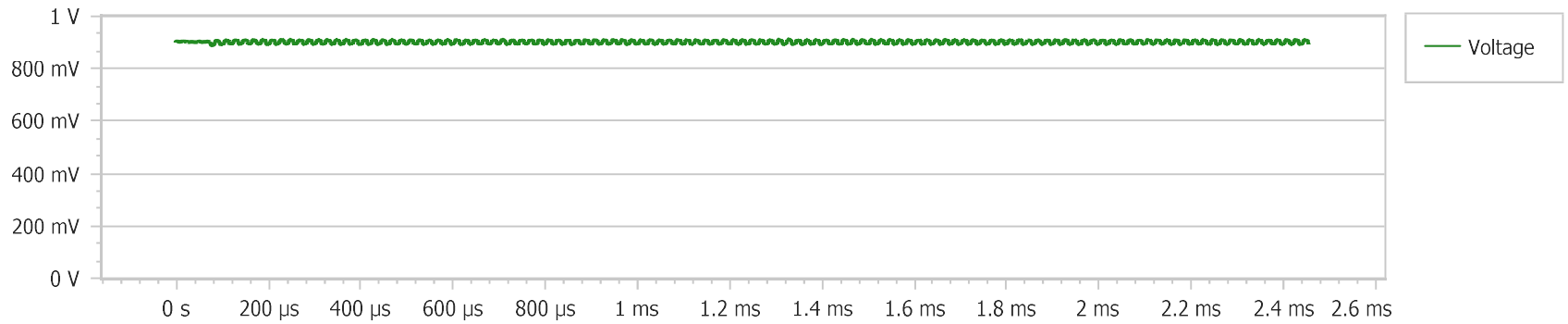
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

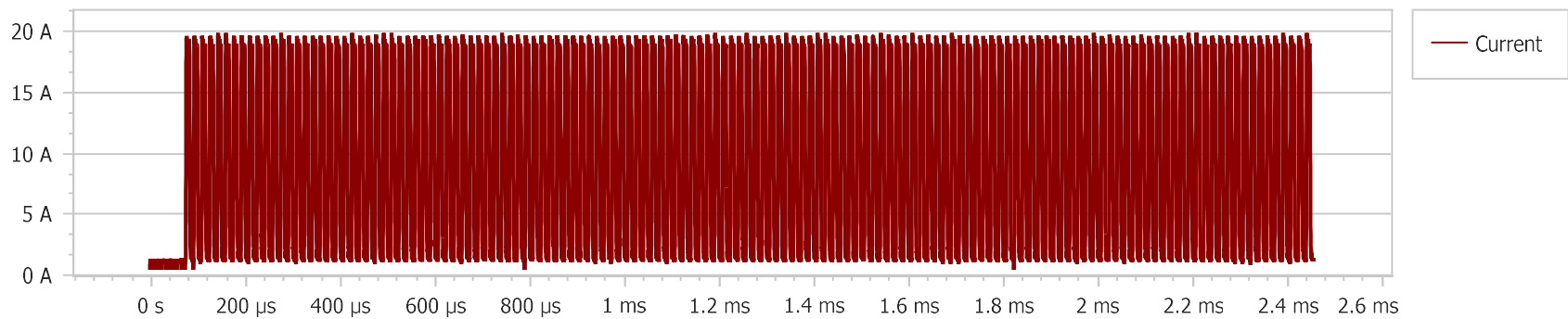
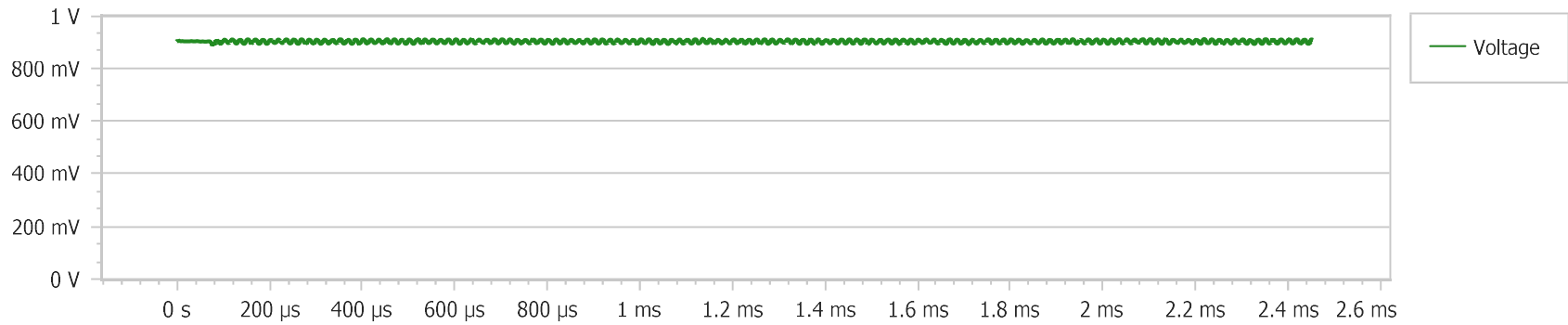
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

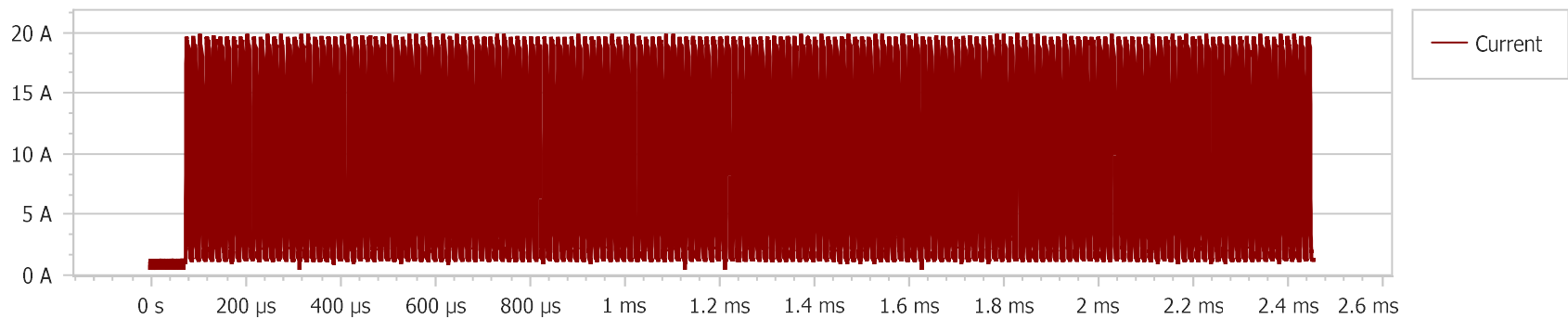
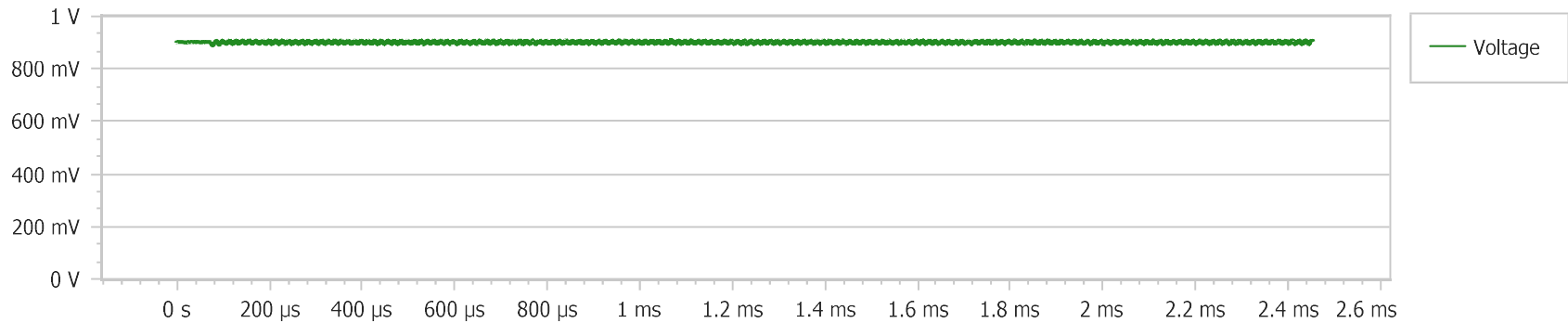
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

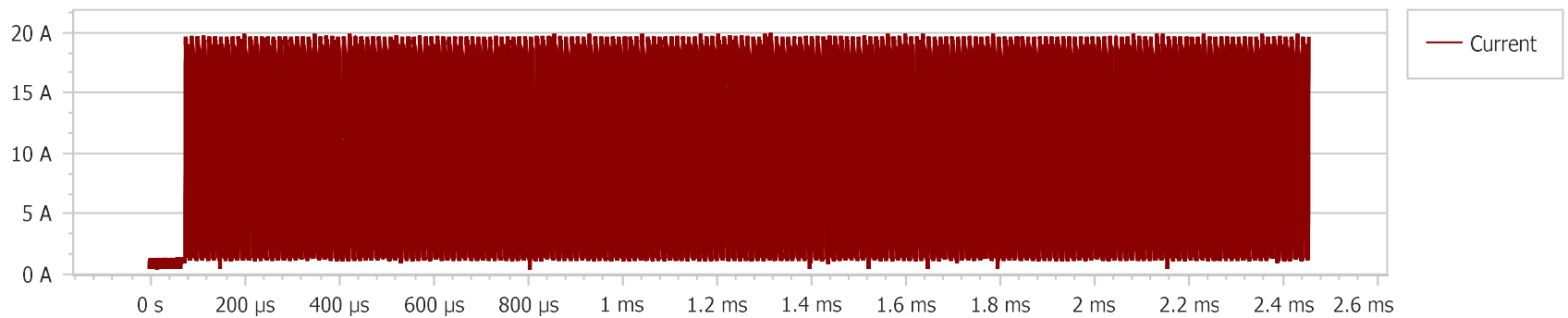
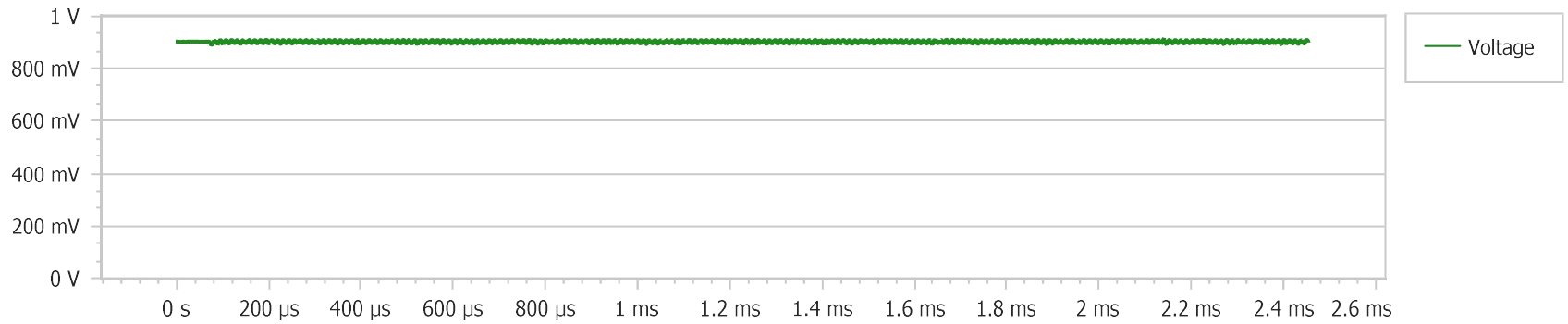
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

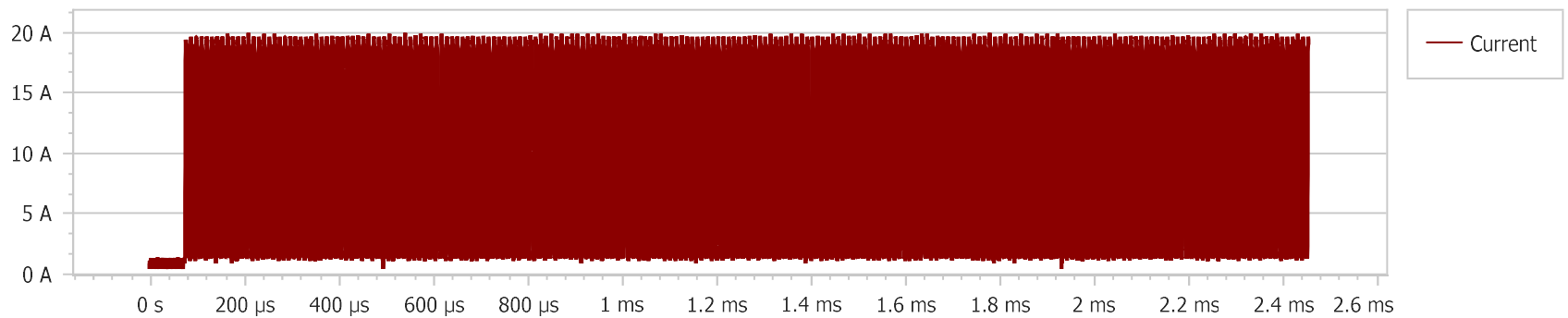
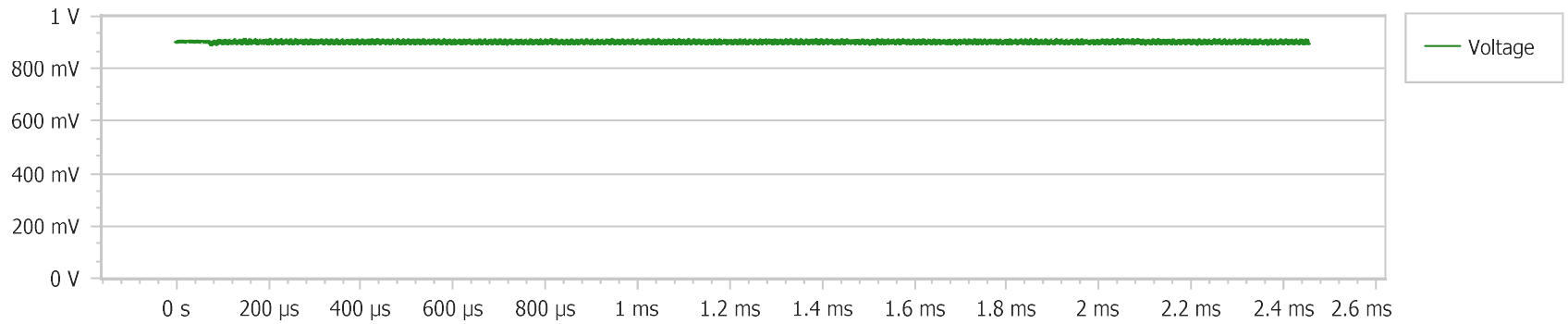
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

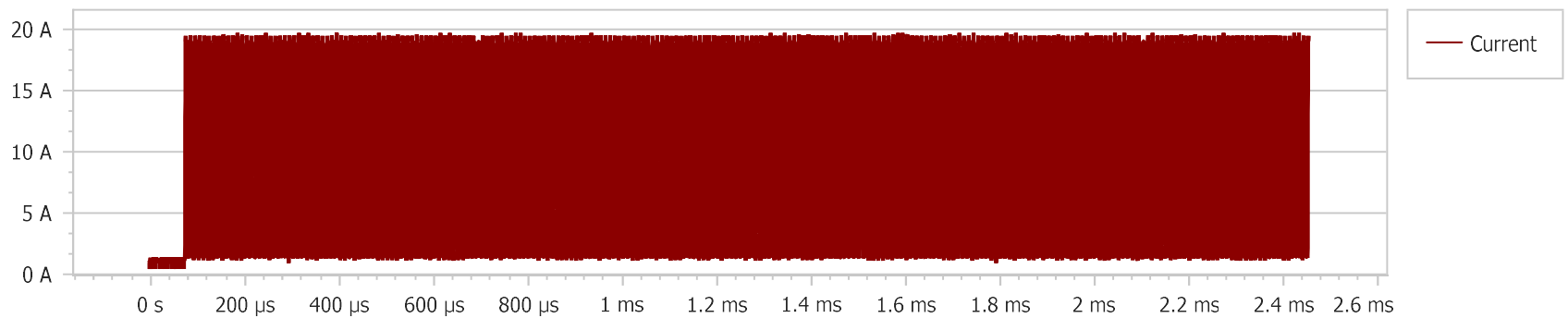
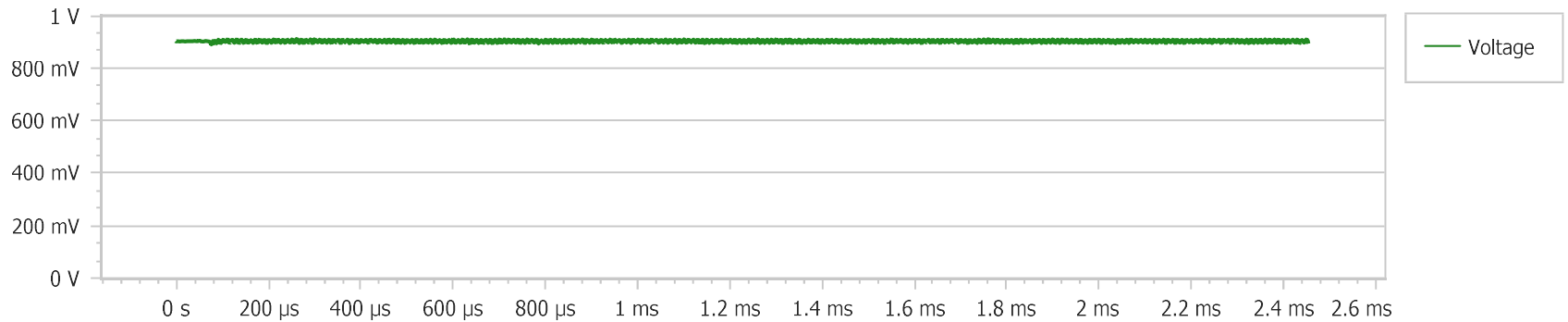
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

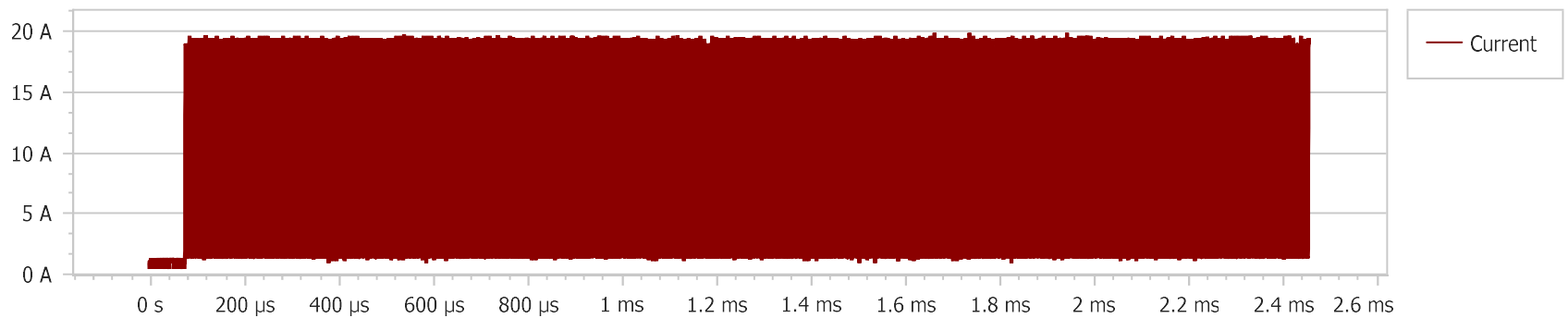
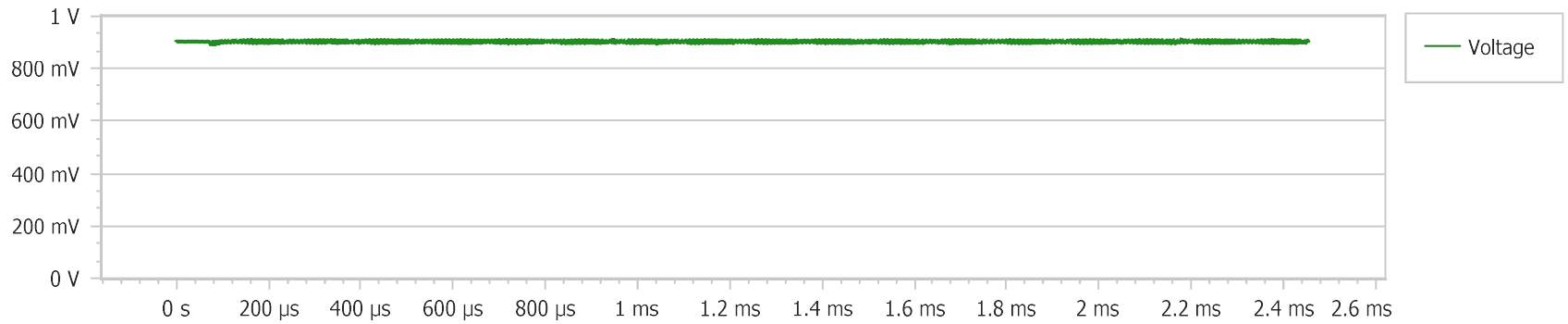
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

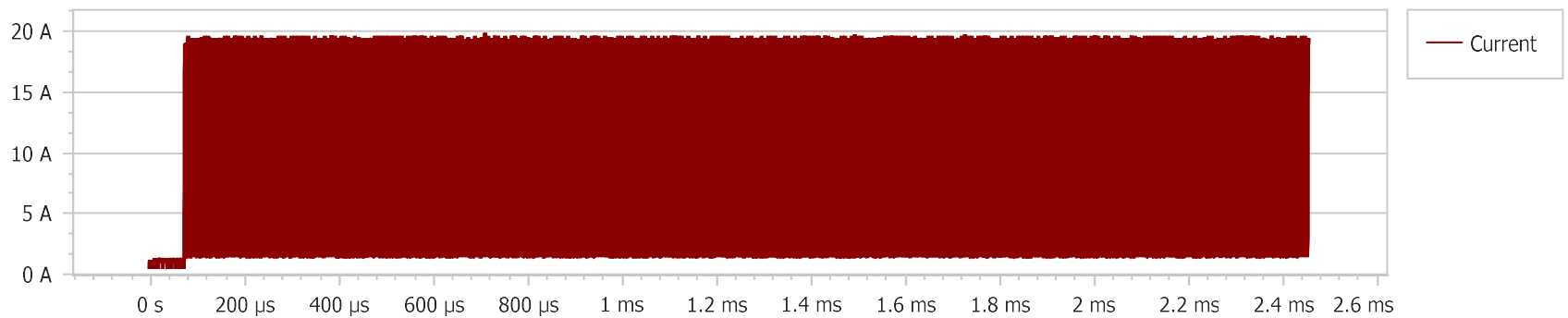
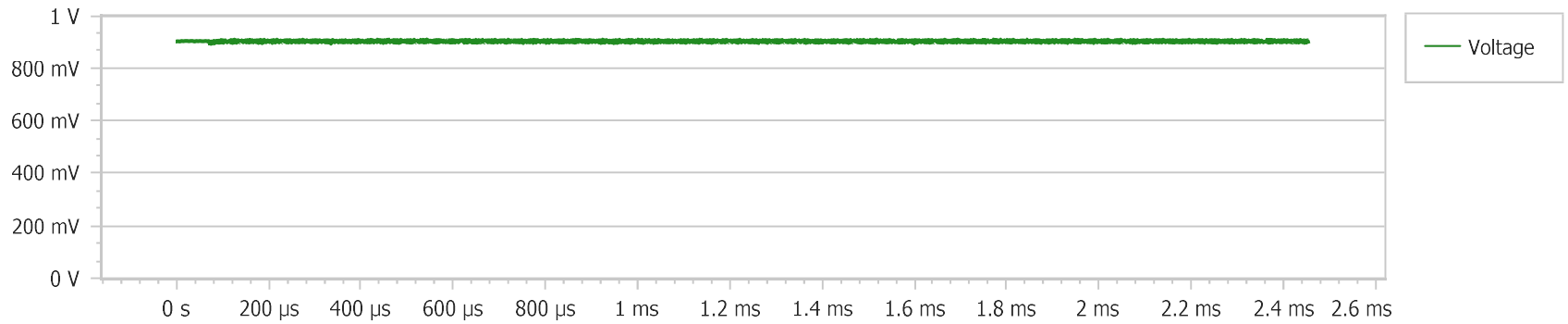
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

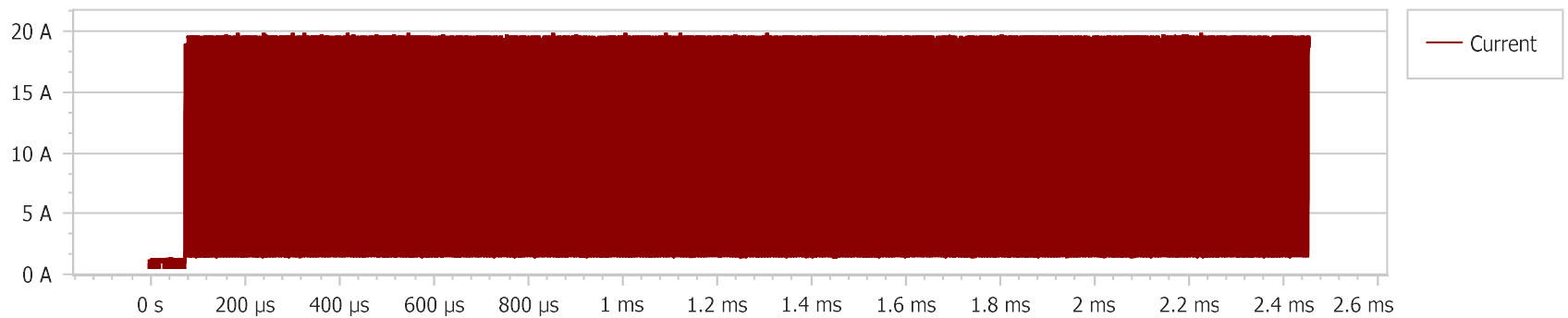
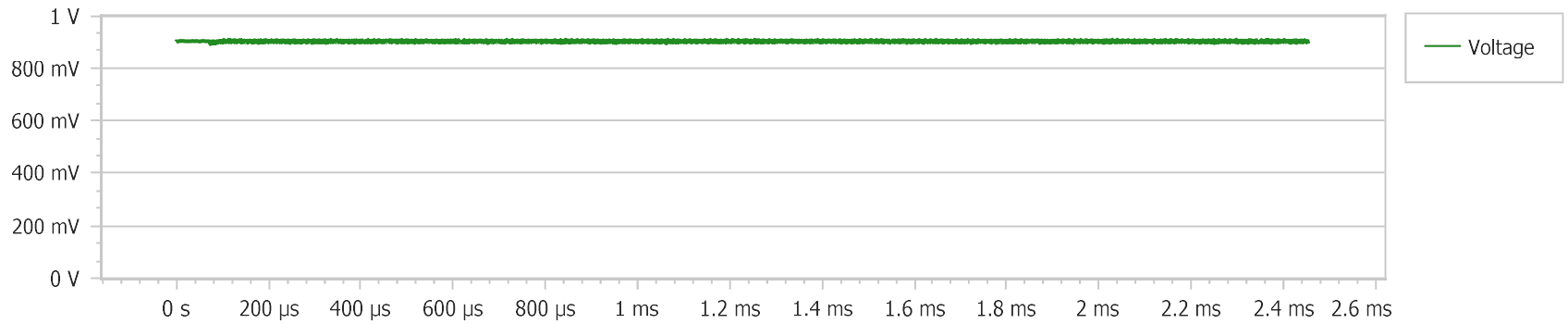
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

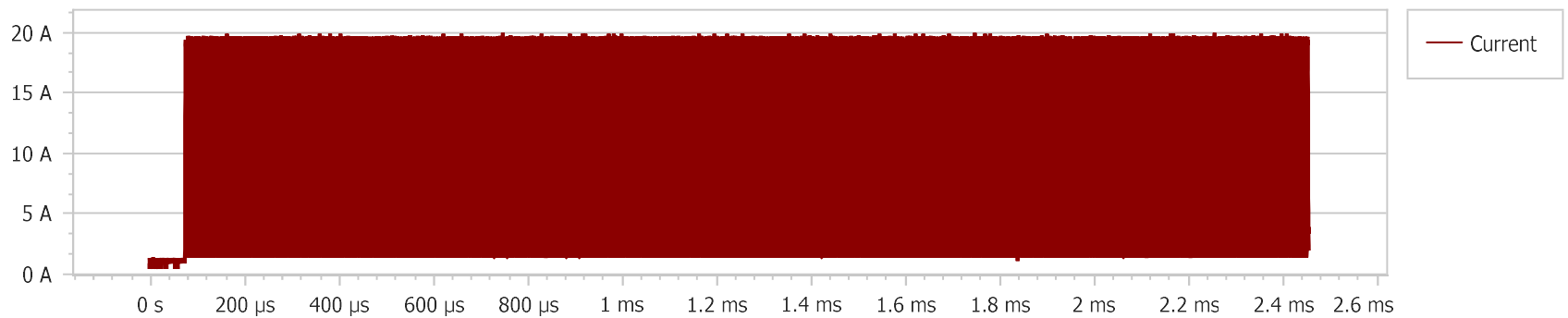
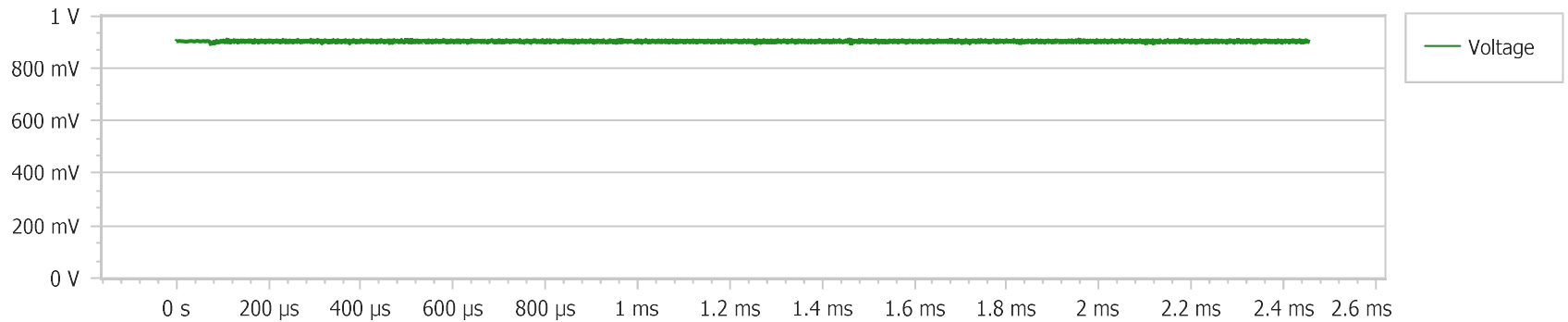
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

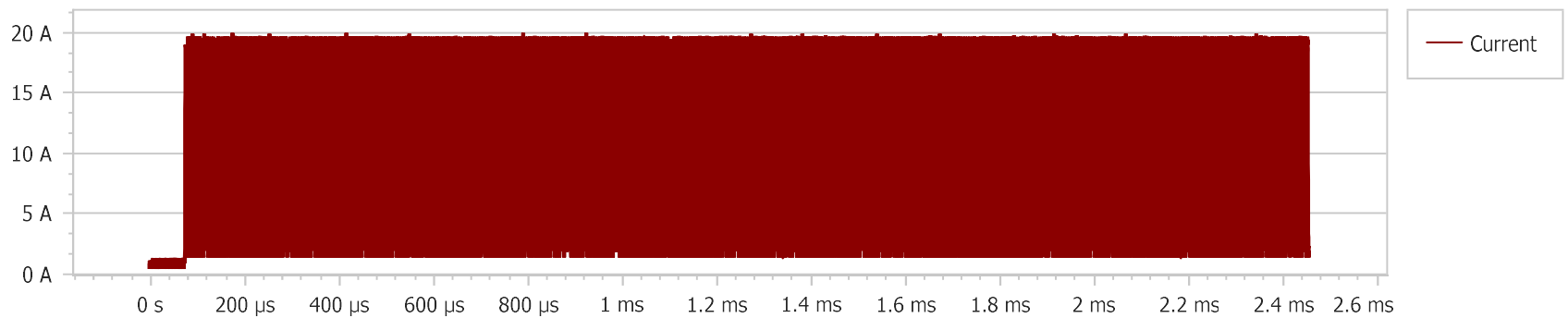
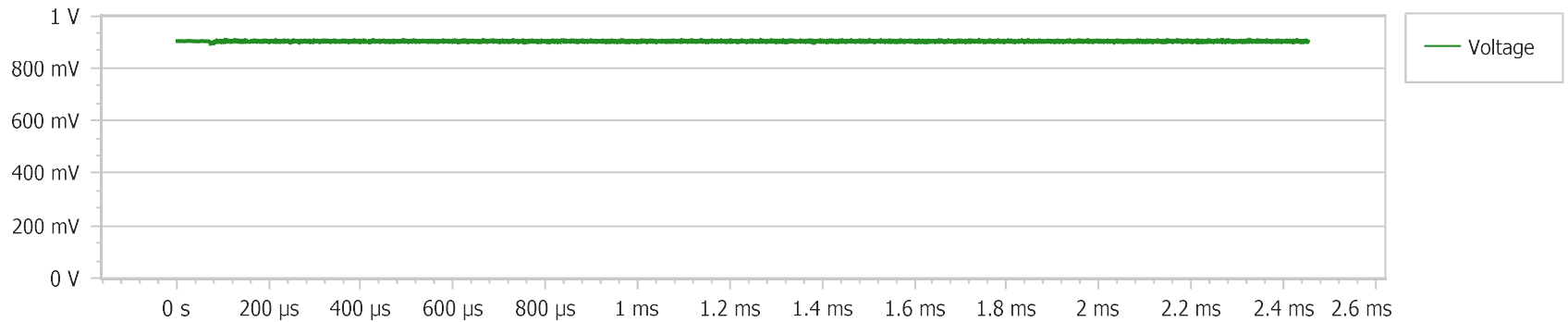
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

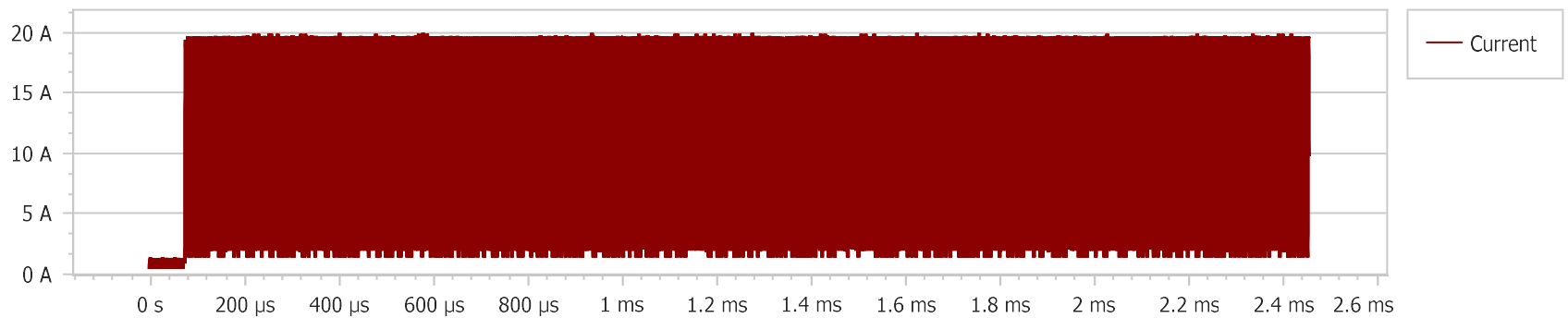
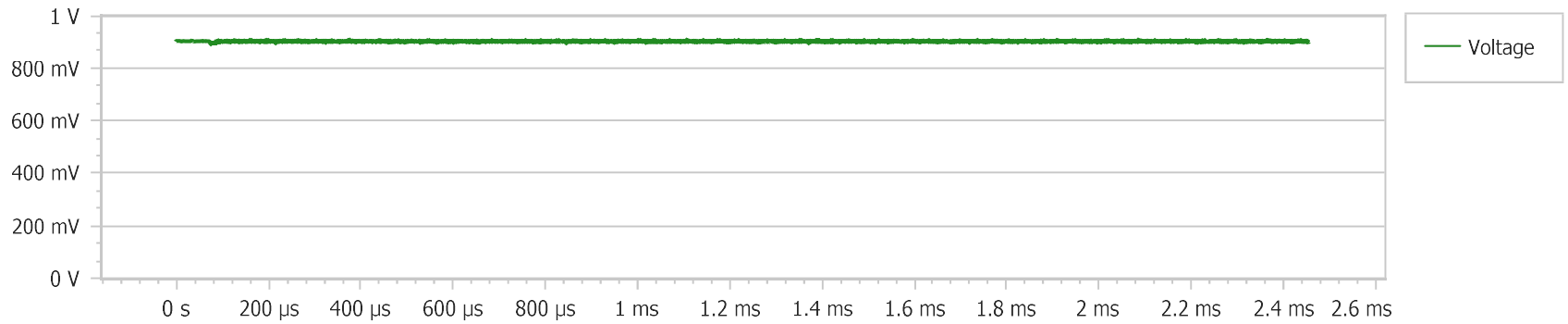
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

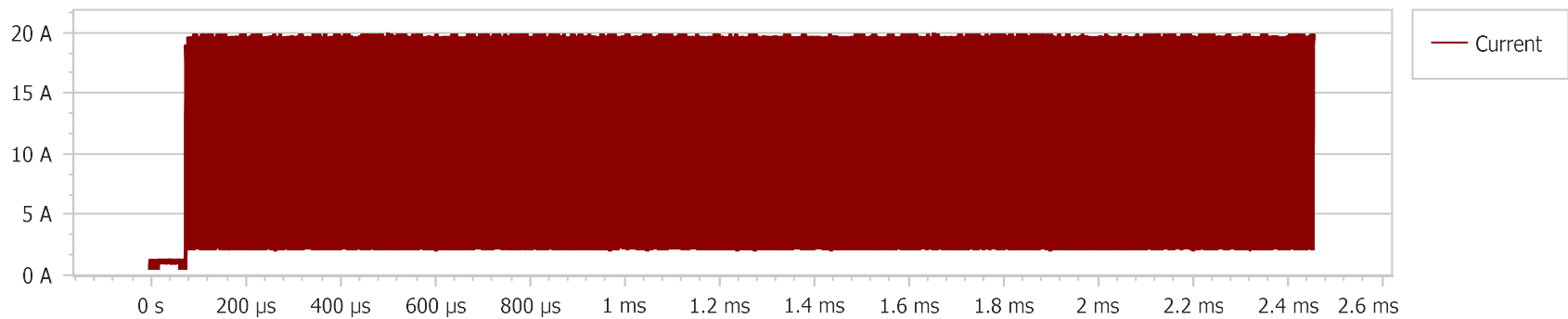
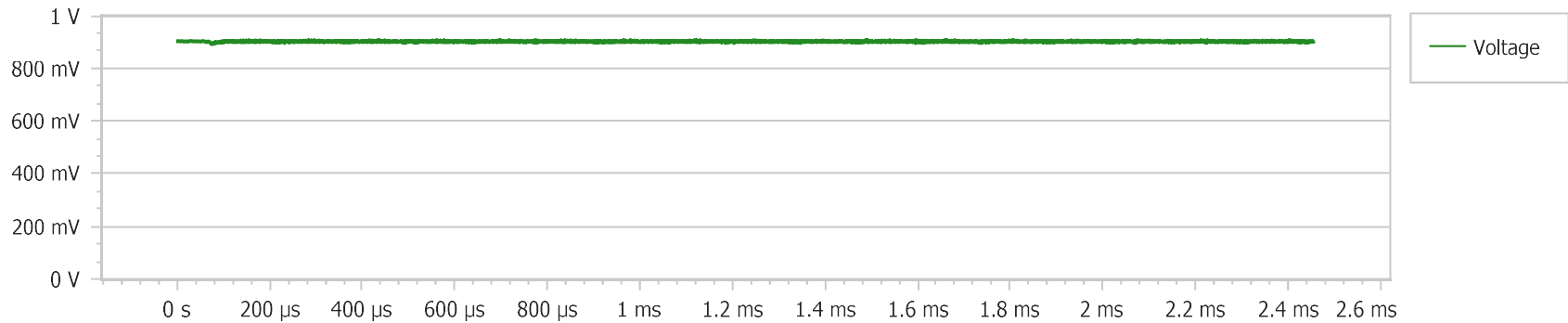
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

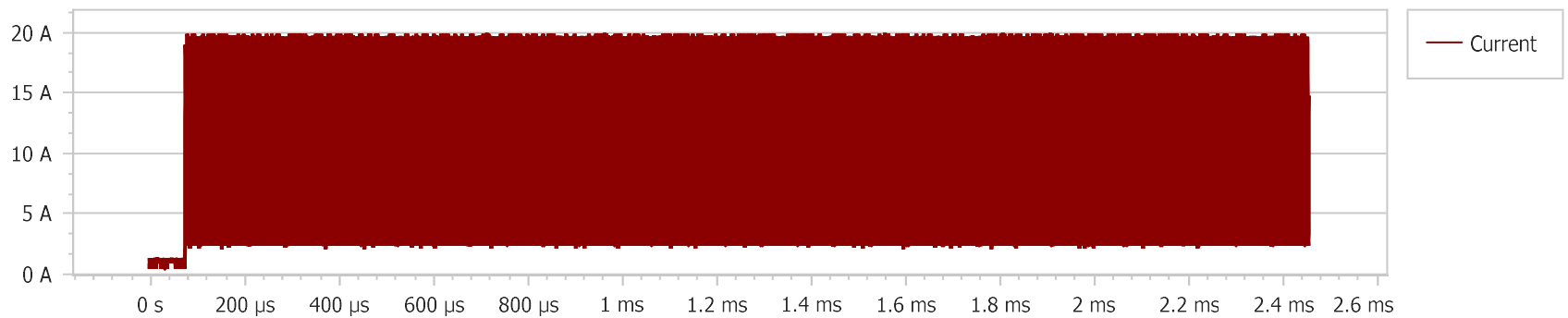
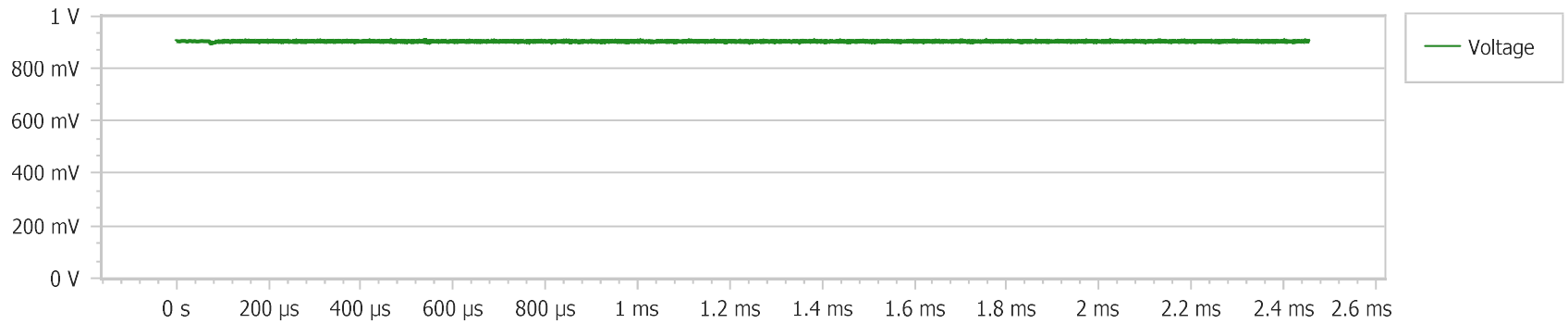
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

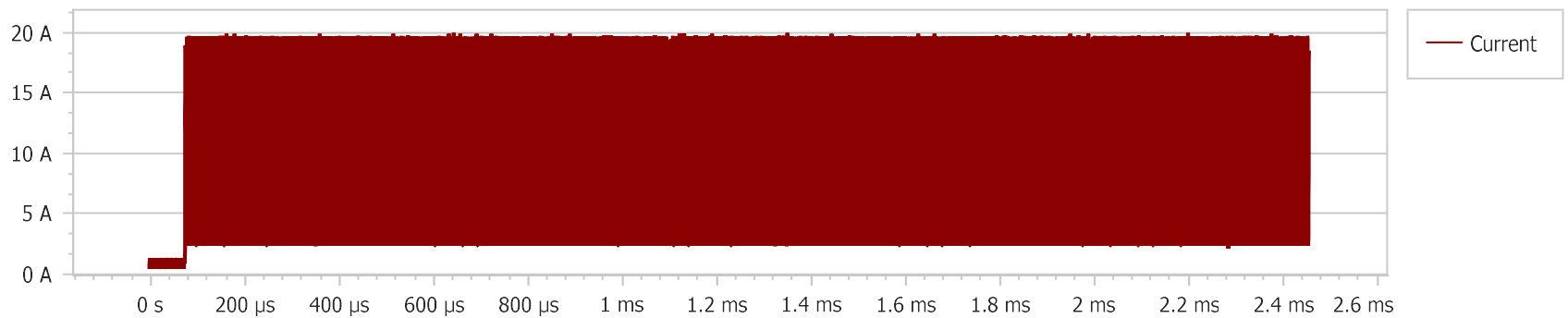
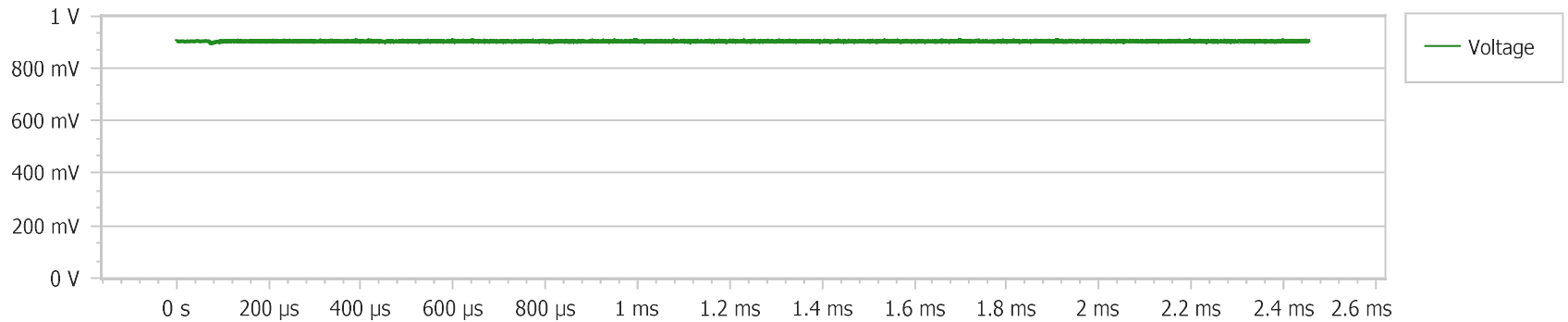
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

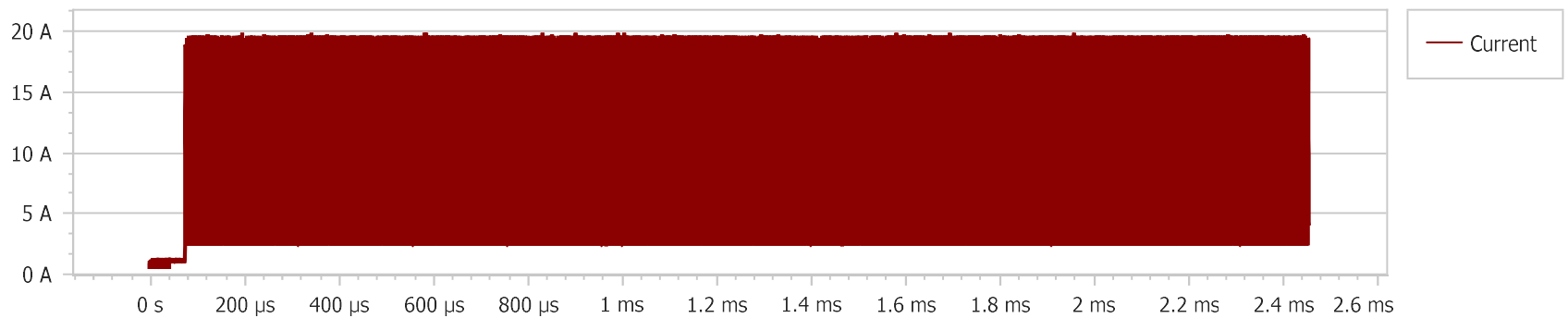
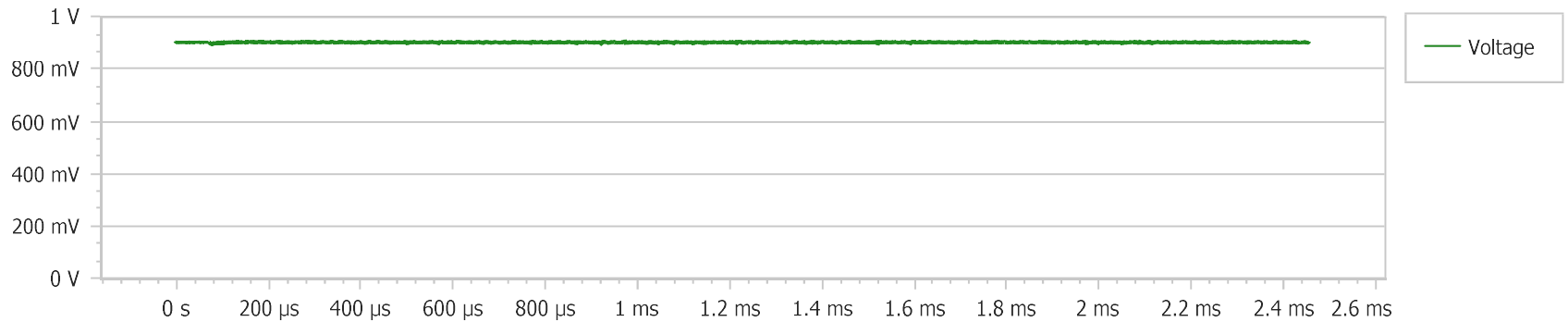
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

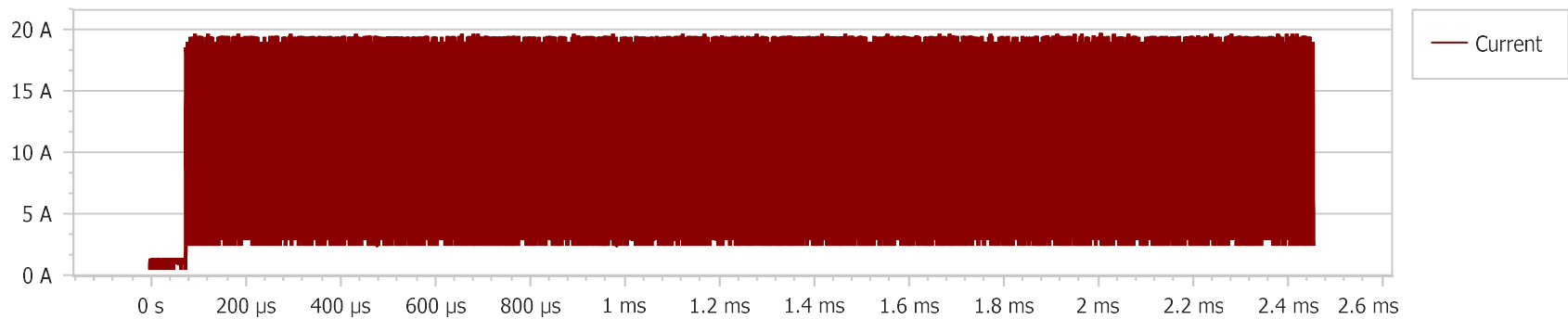
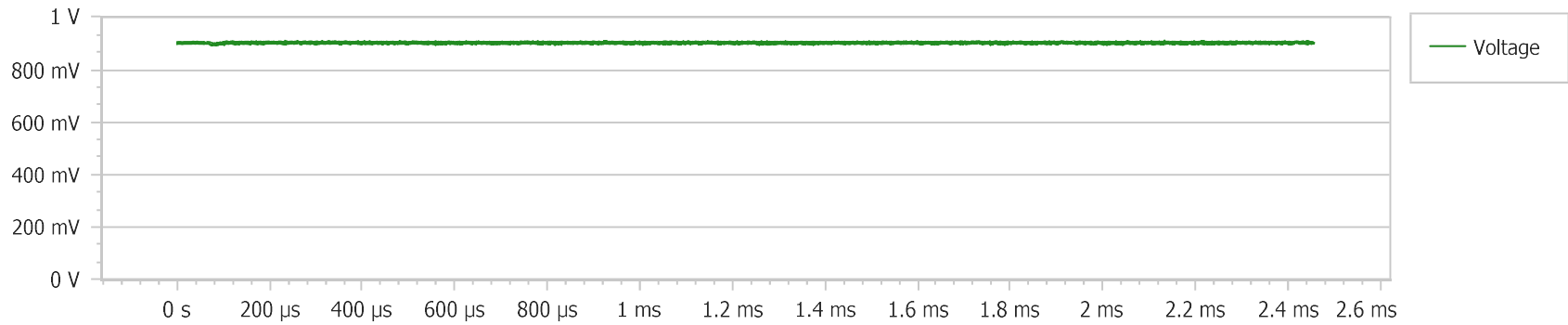
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

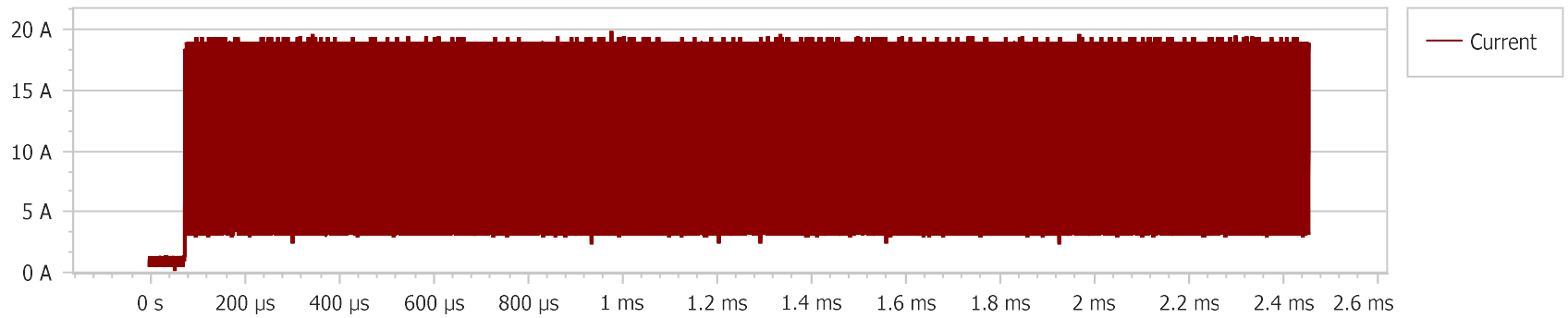
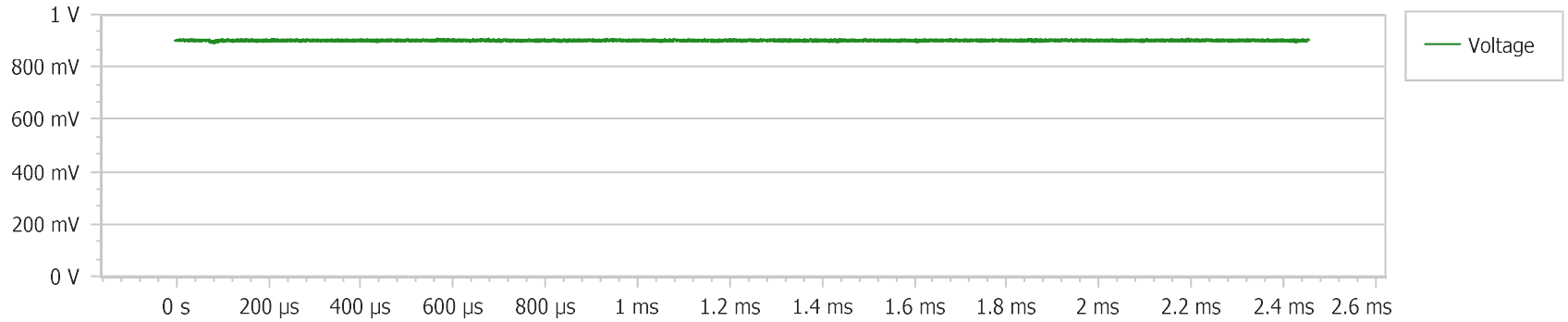
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

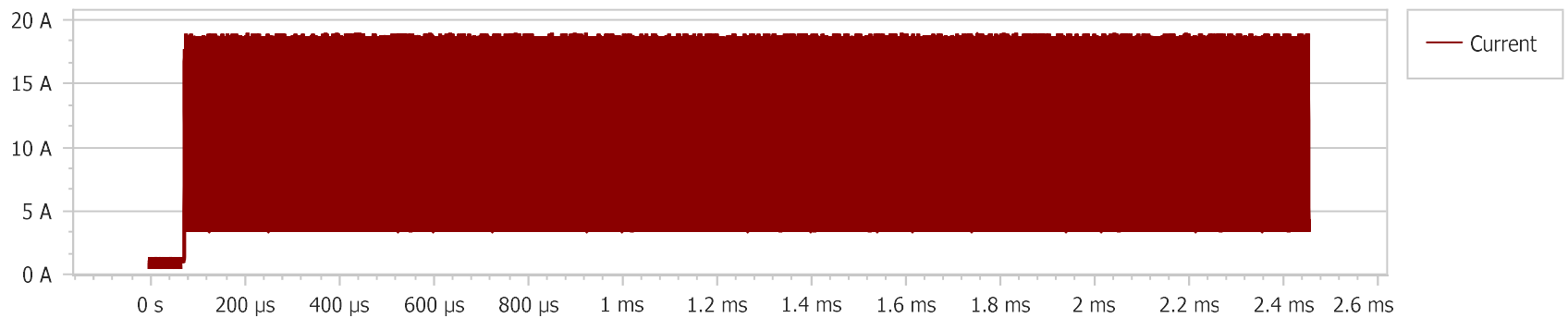
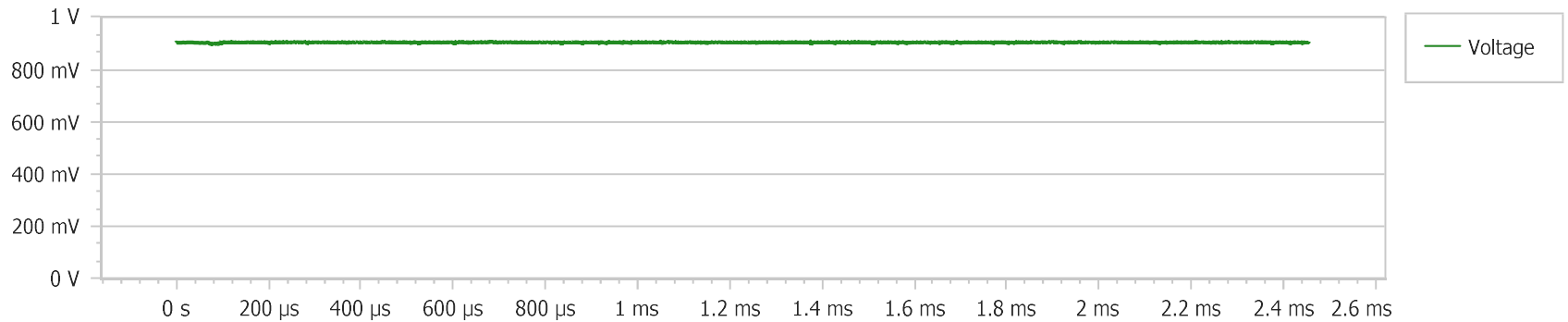
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

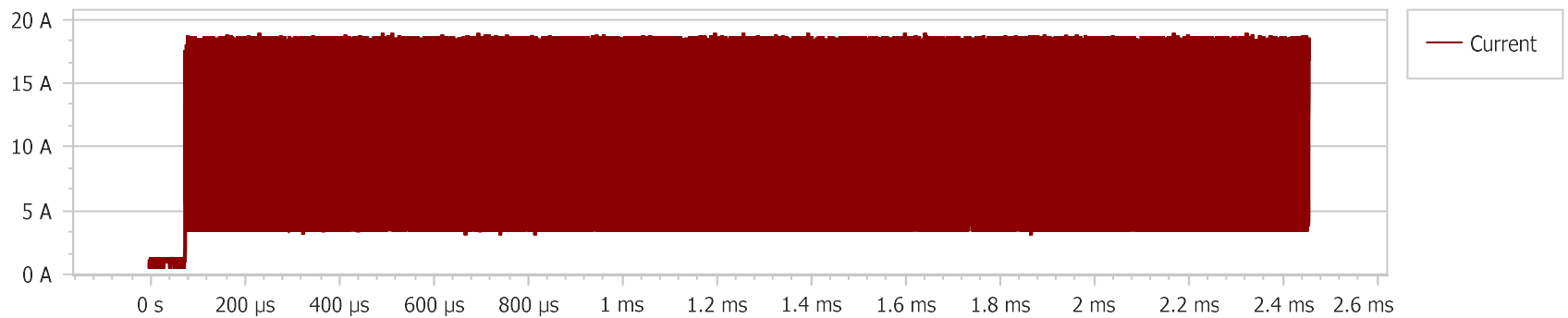
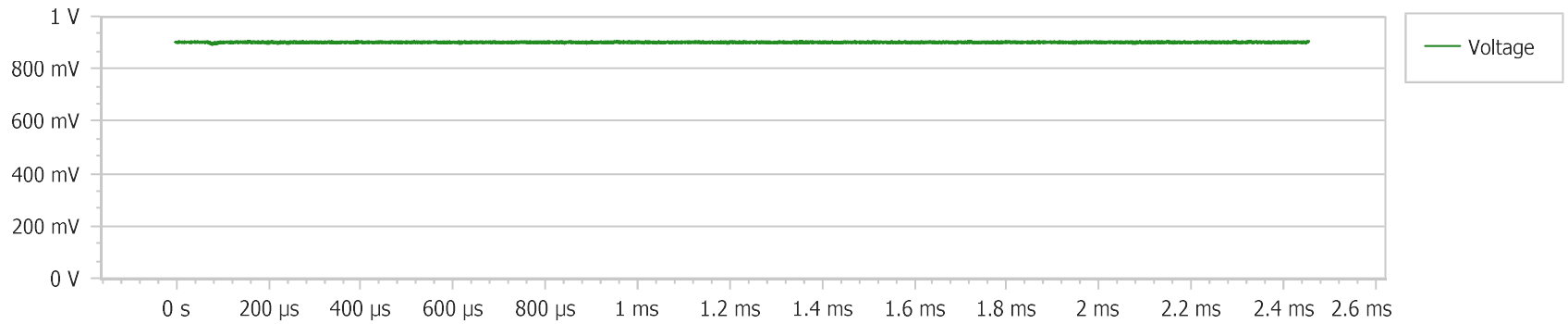
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

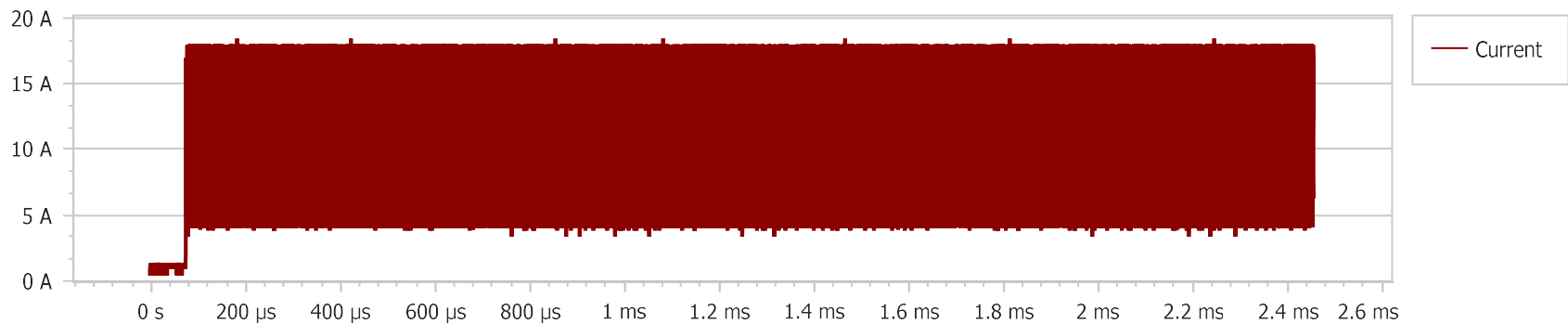
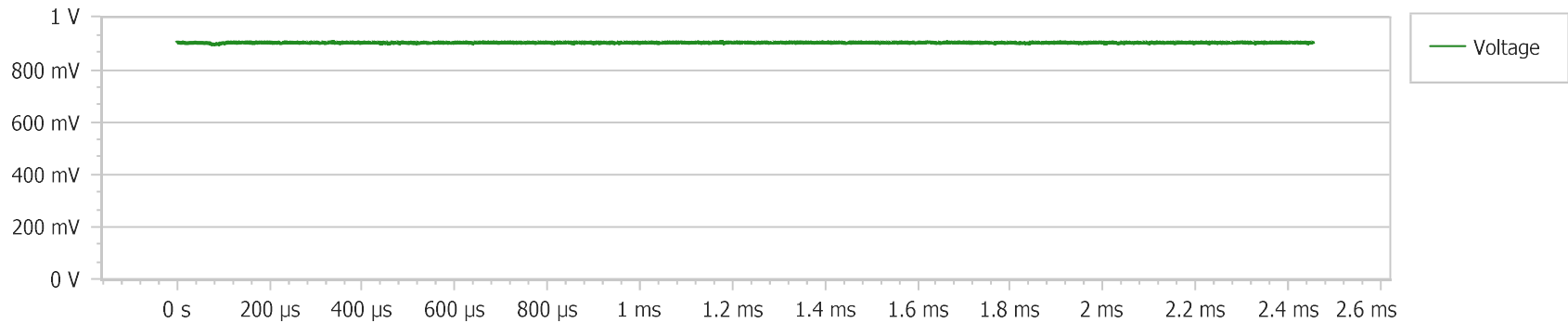
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

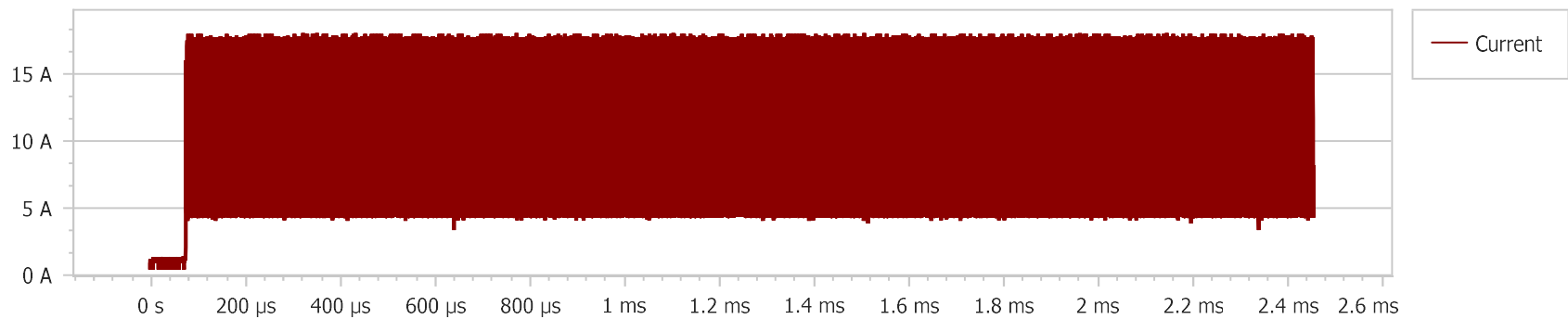
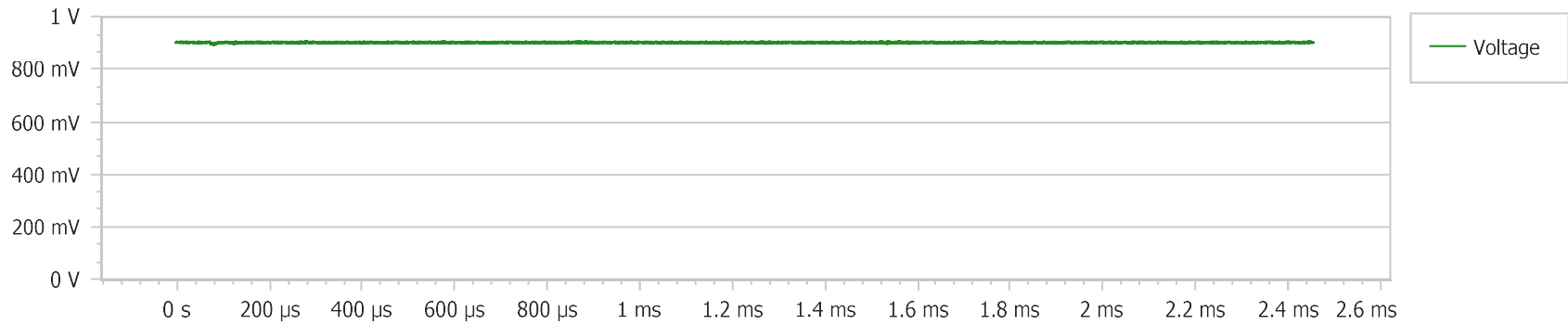
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

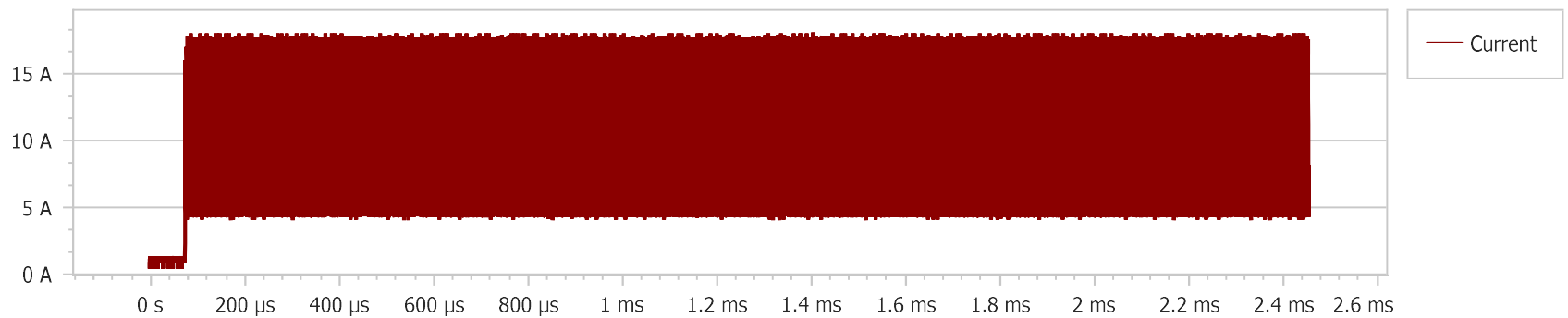
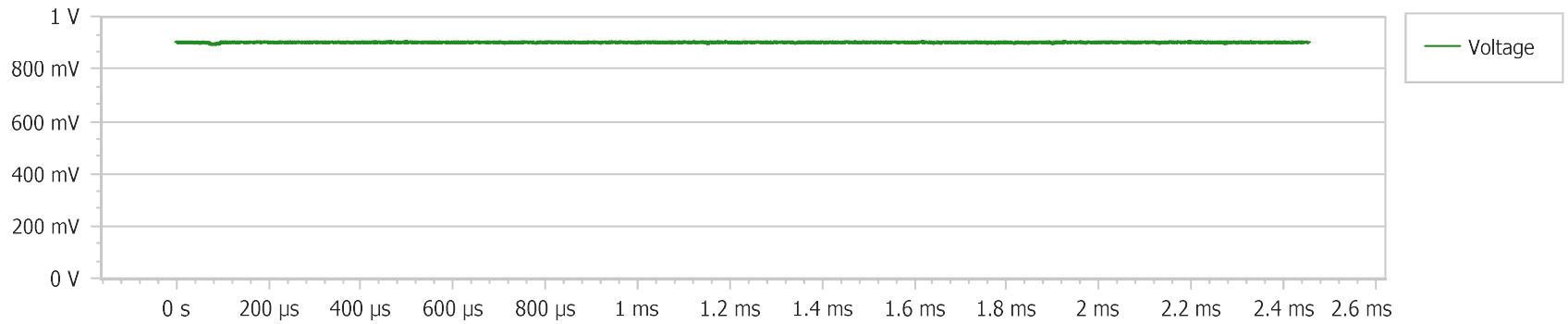
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

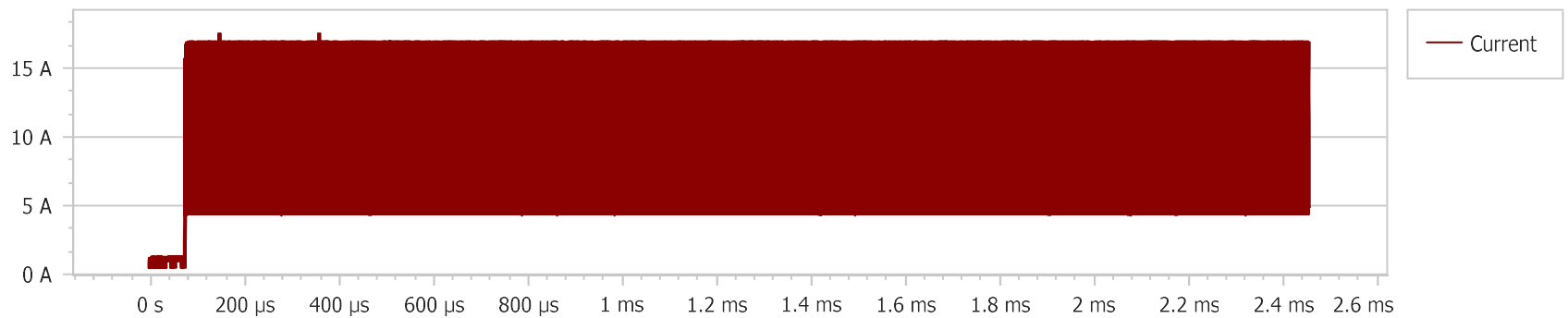
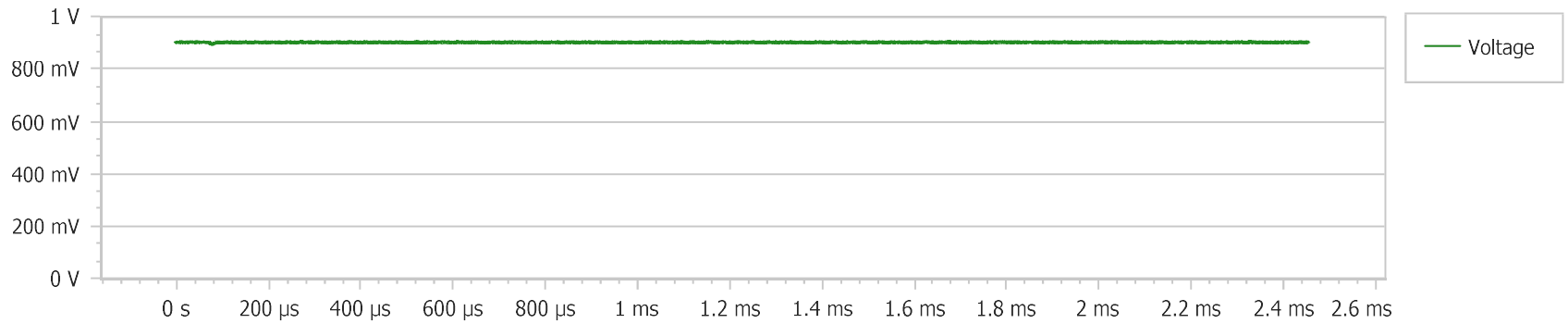
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

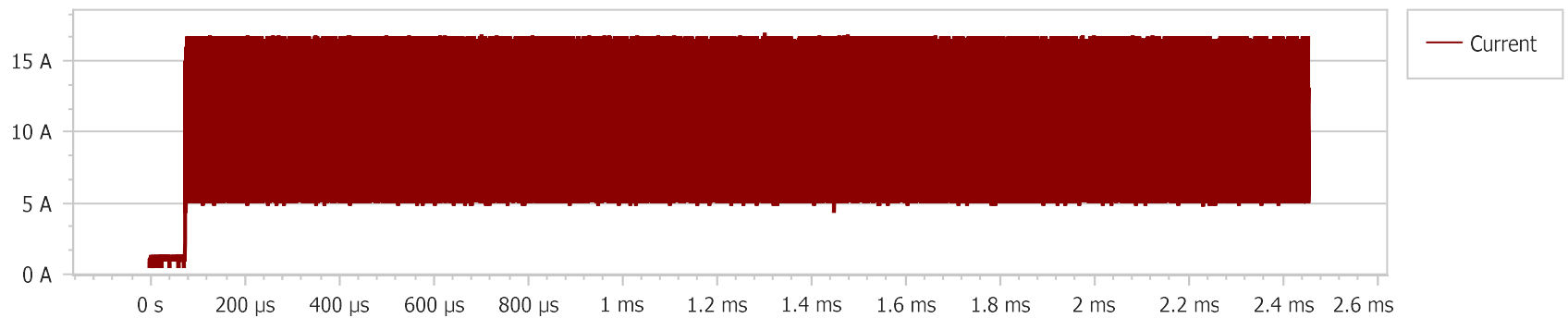
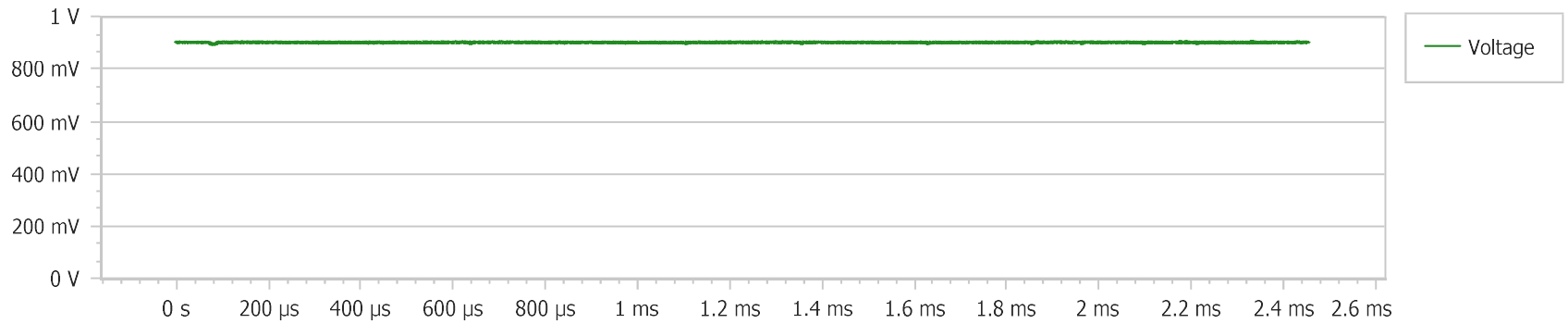
Duty Cycle: 50 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

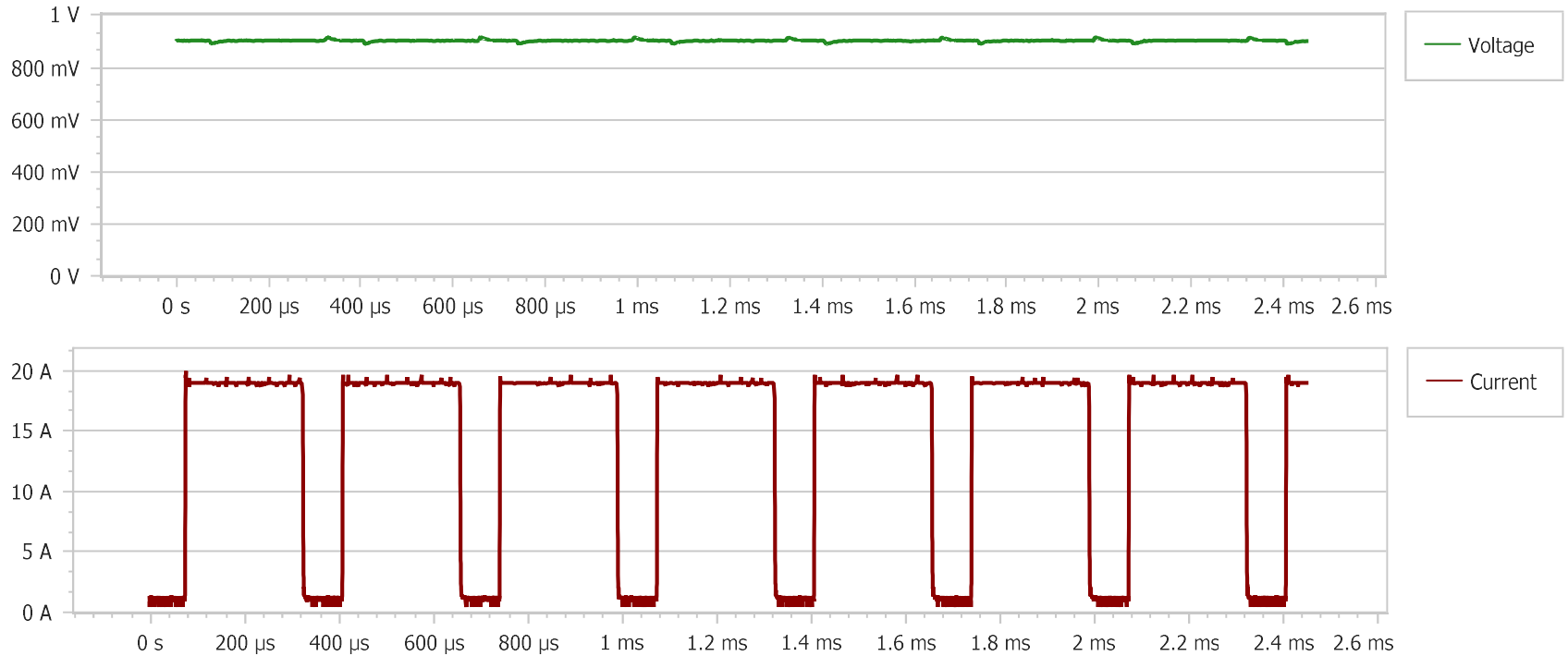
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

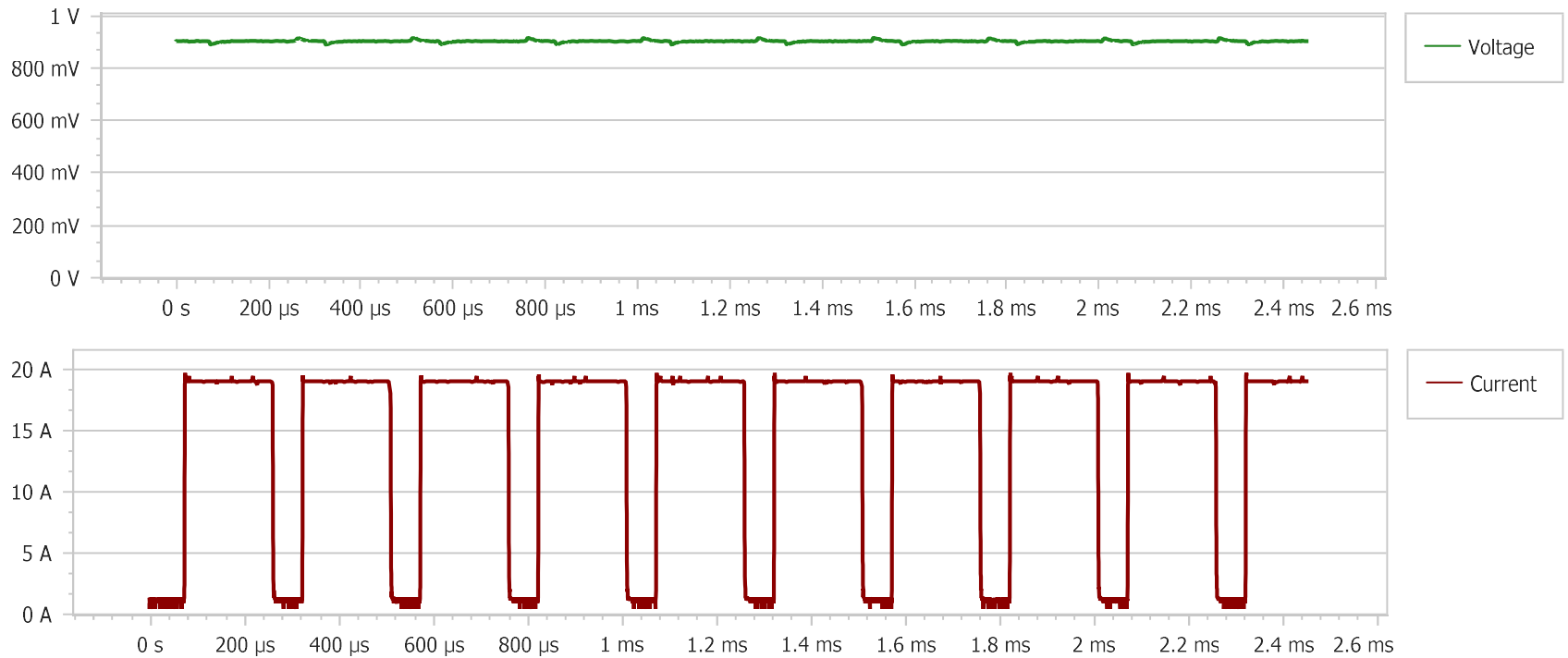
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

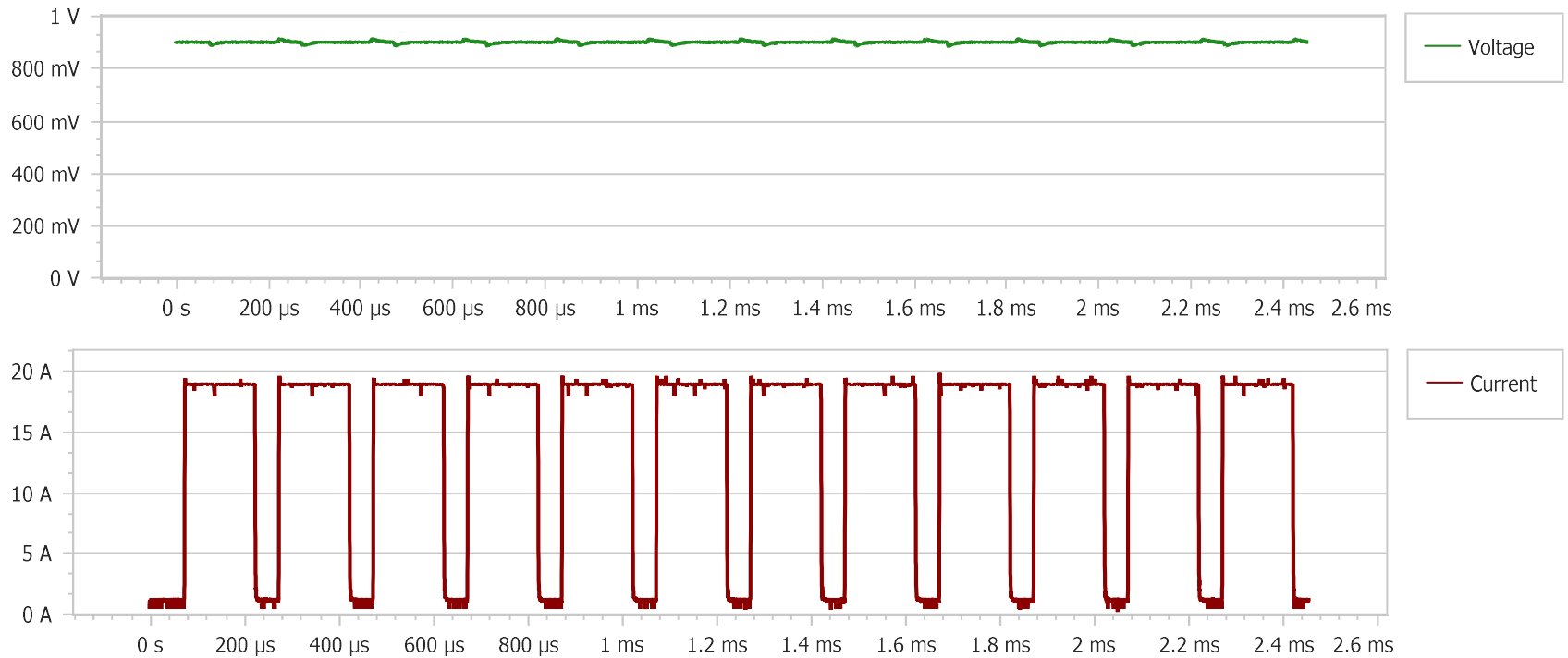
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

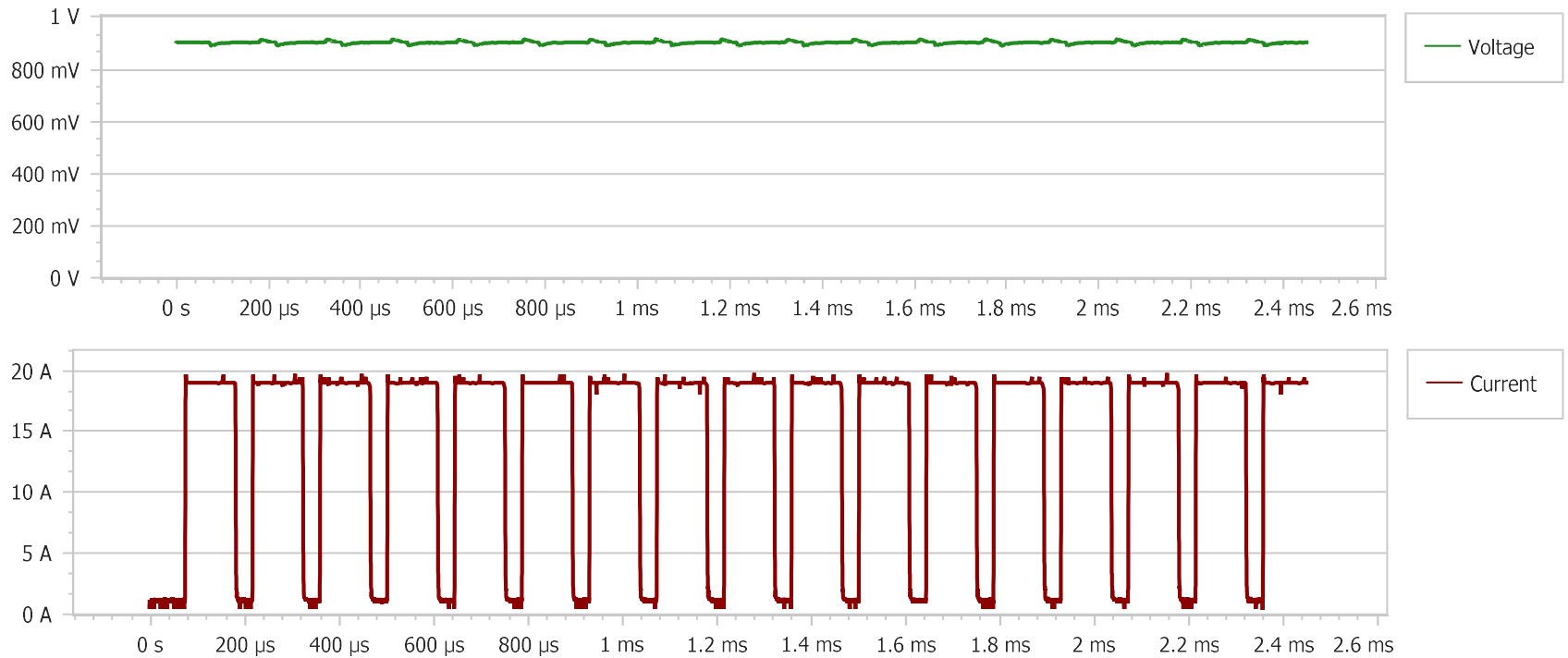
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

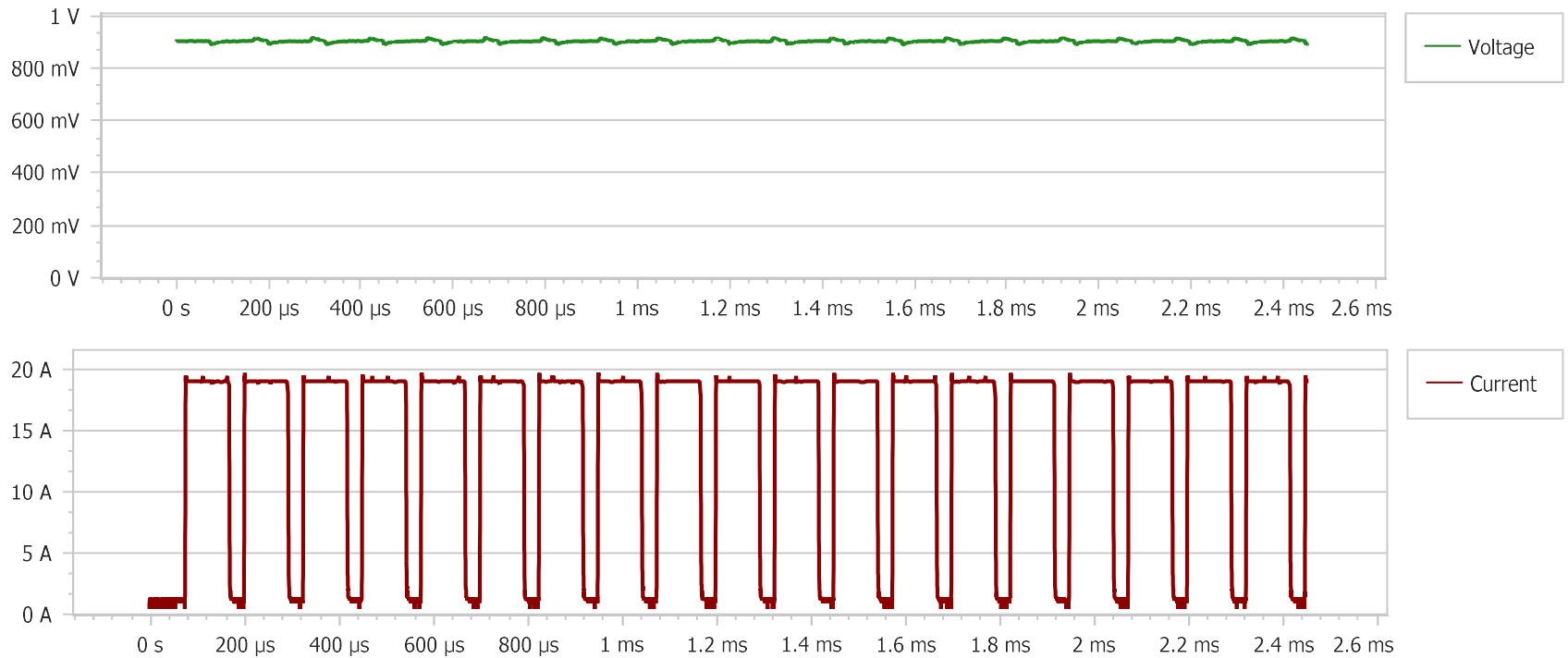
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

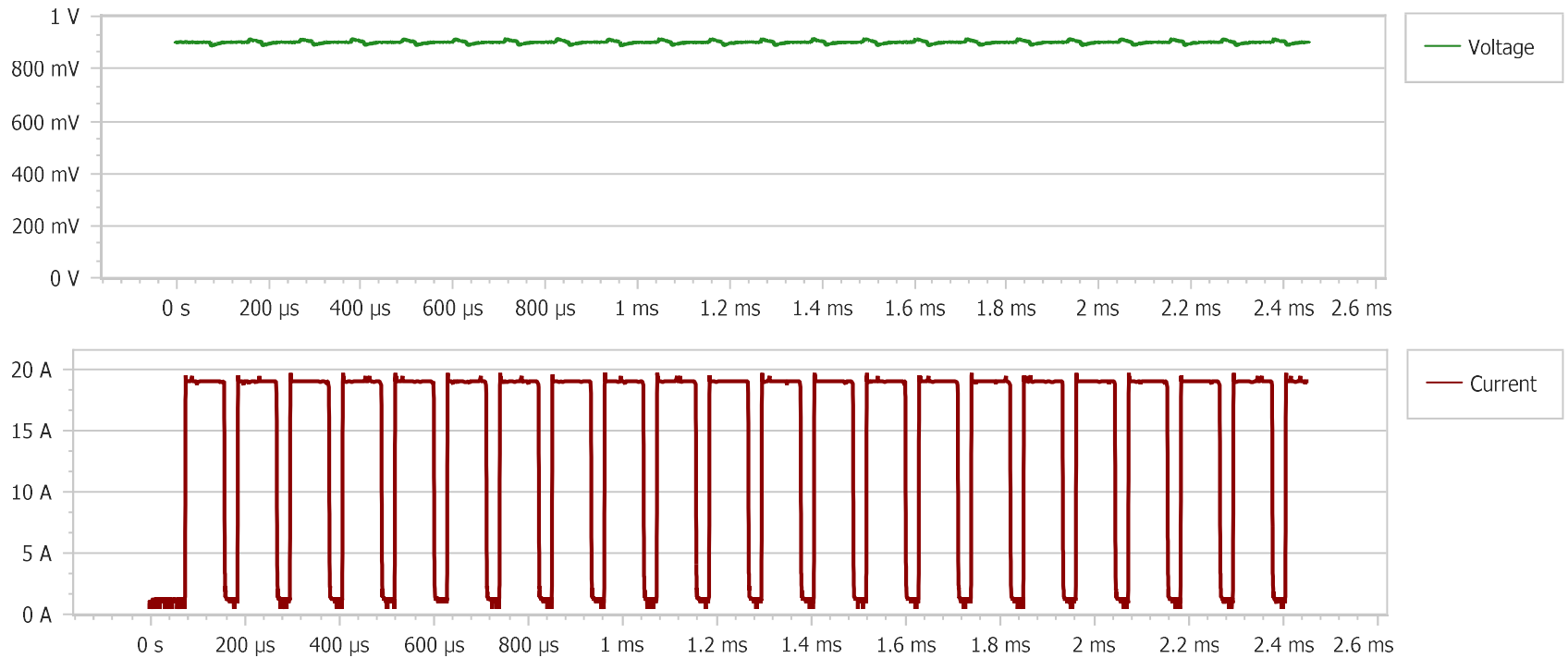
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

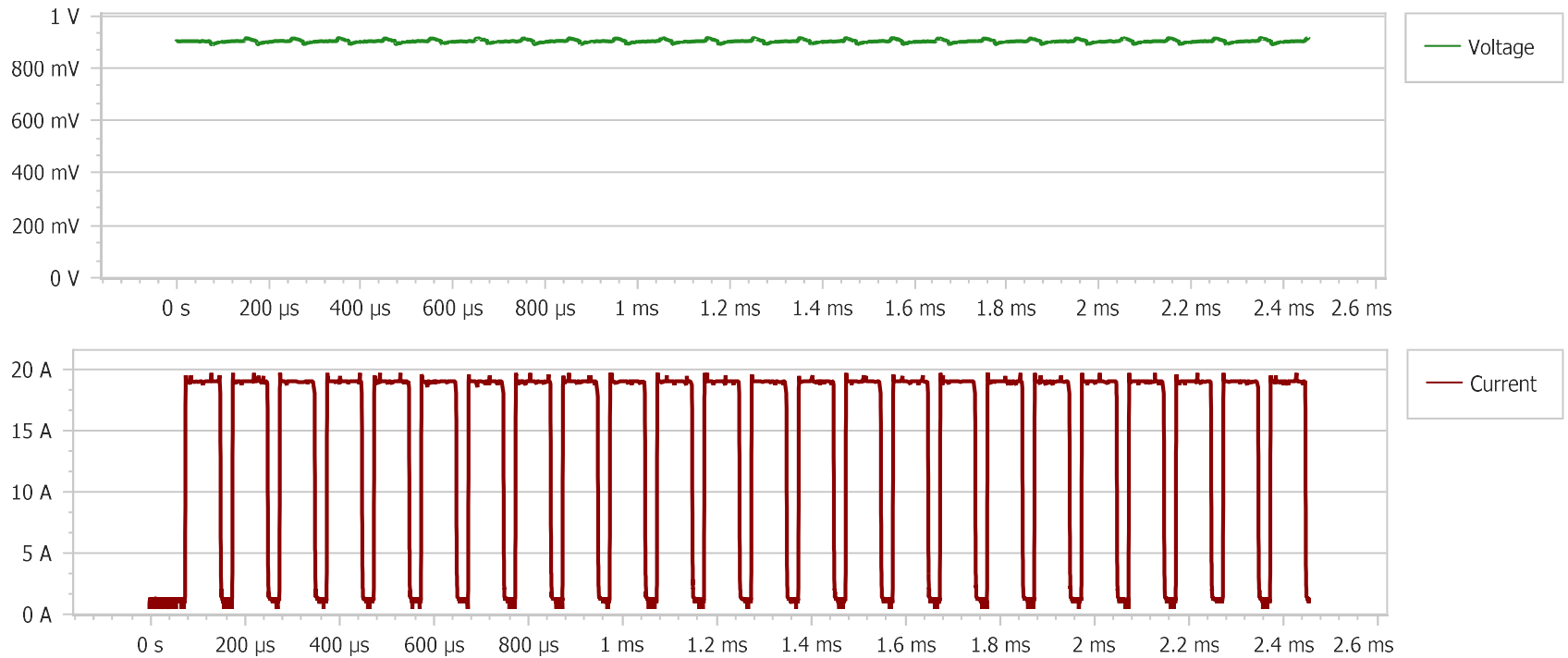
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

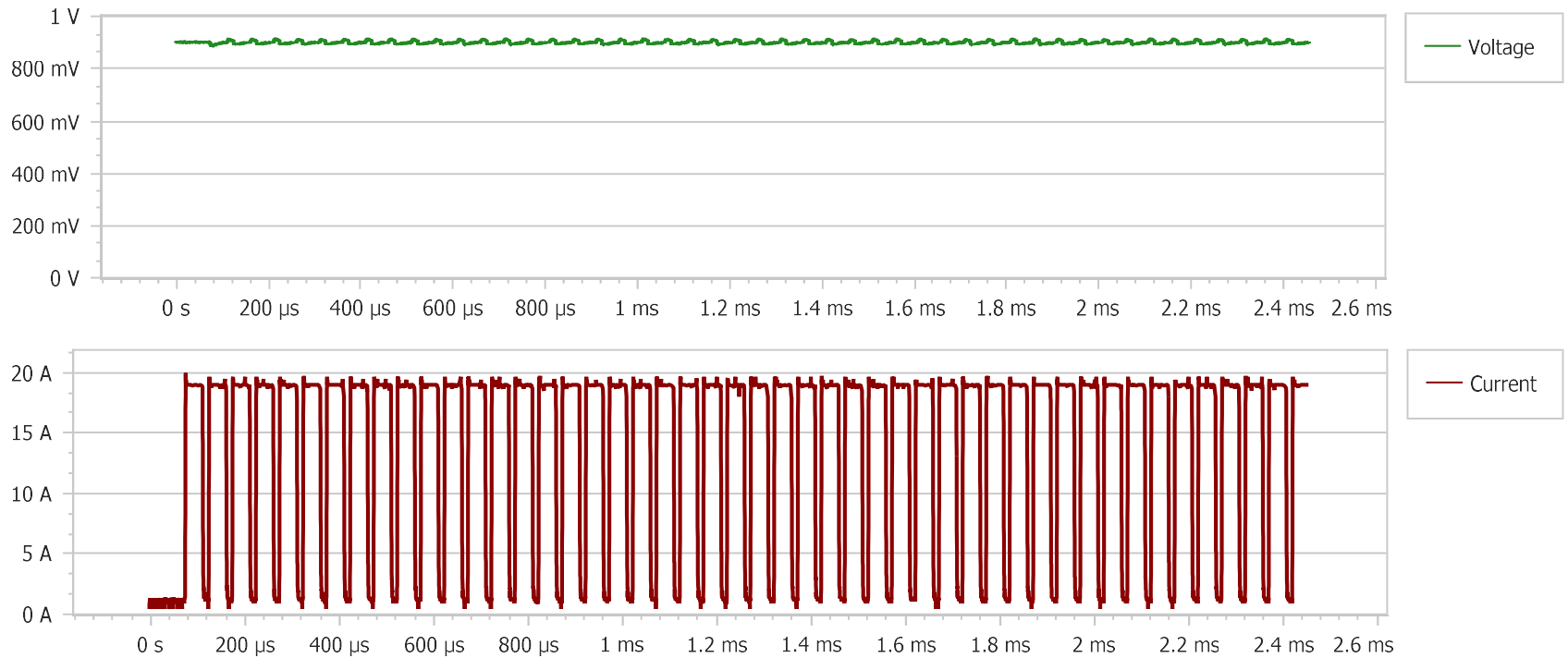
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

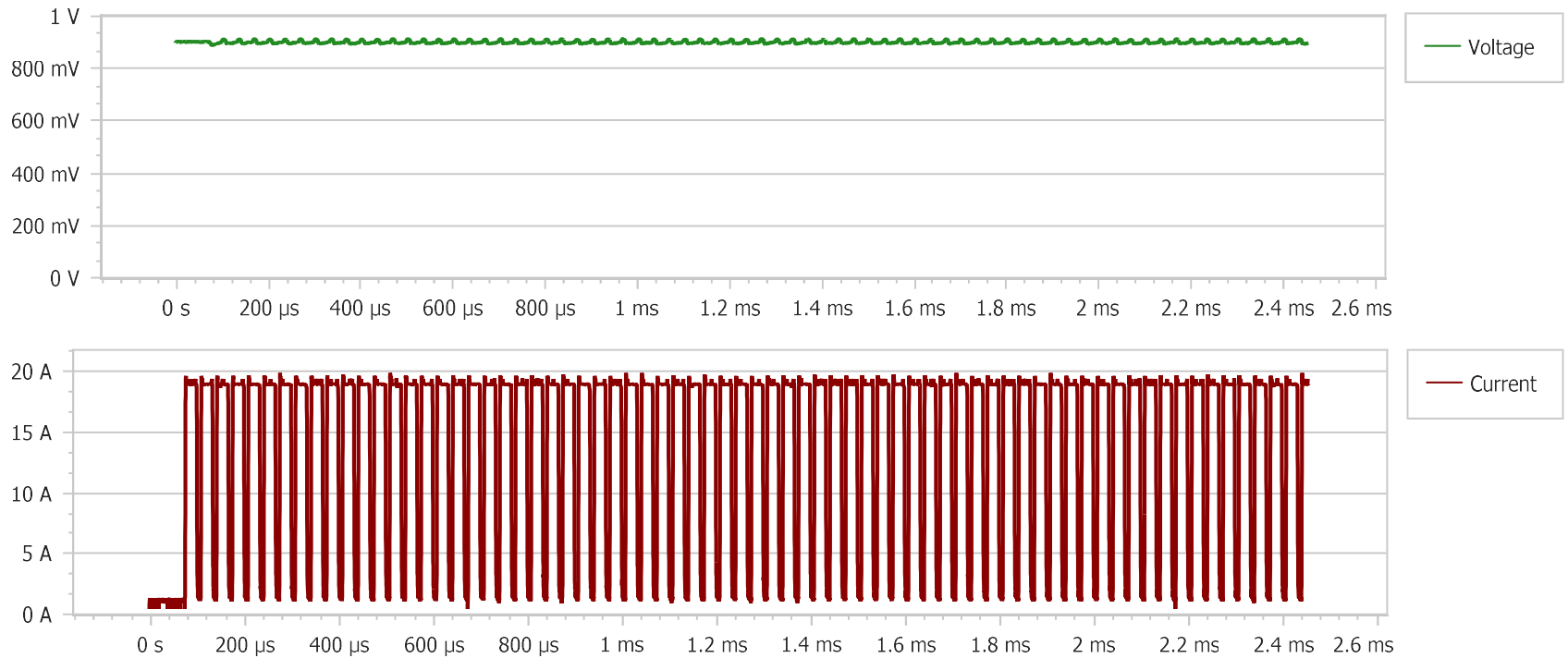
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

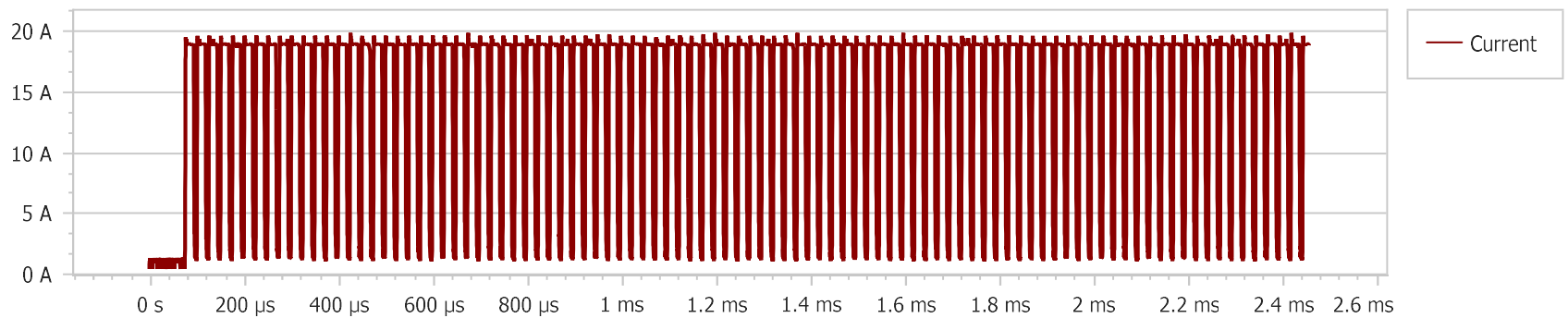
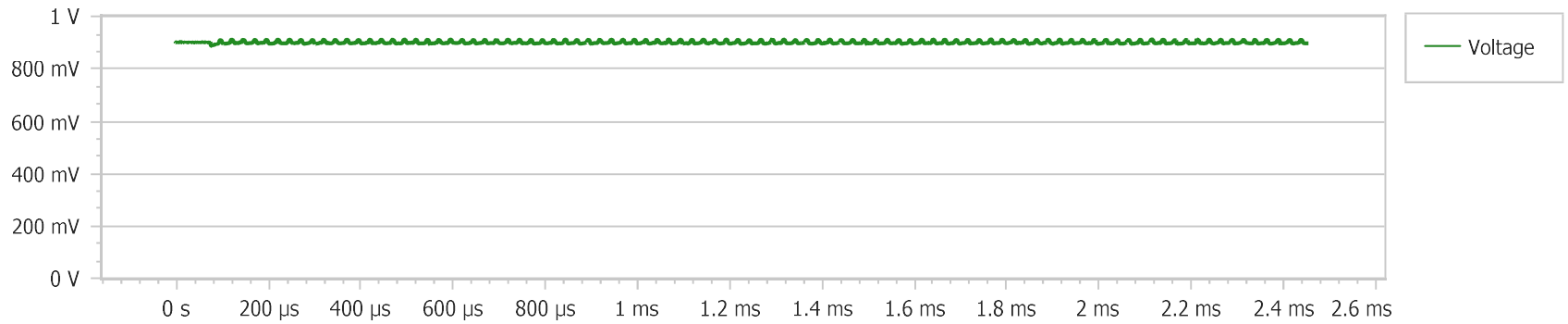
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

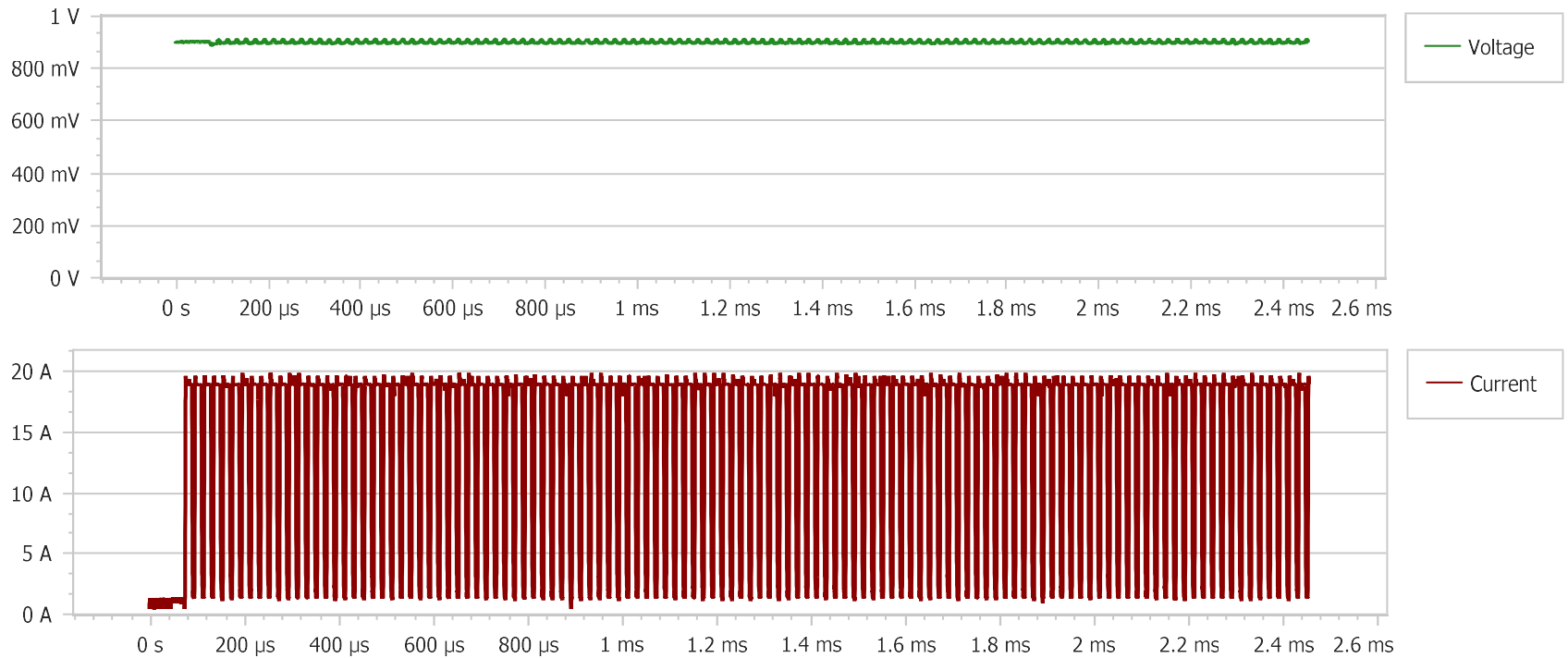
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

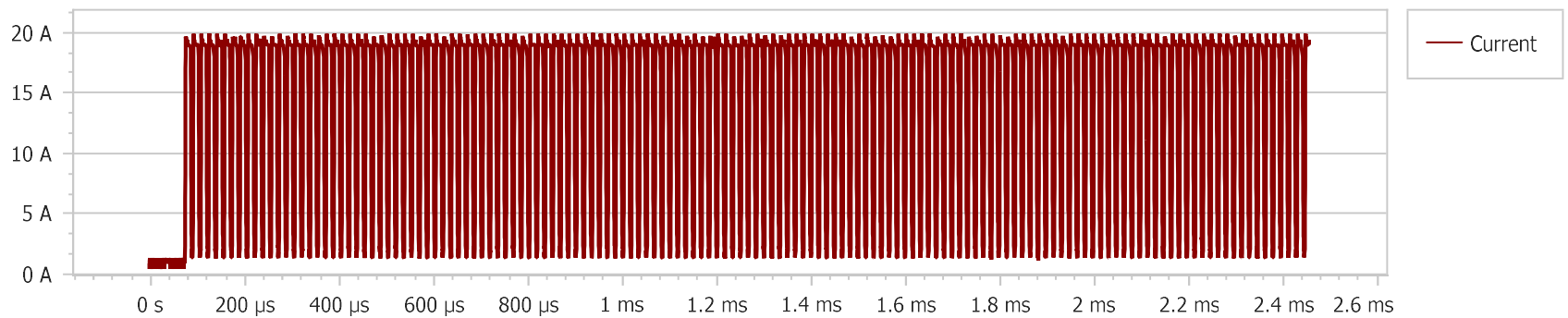
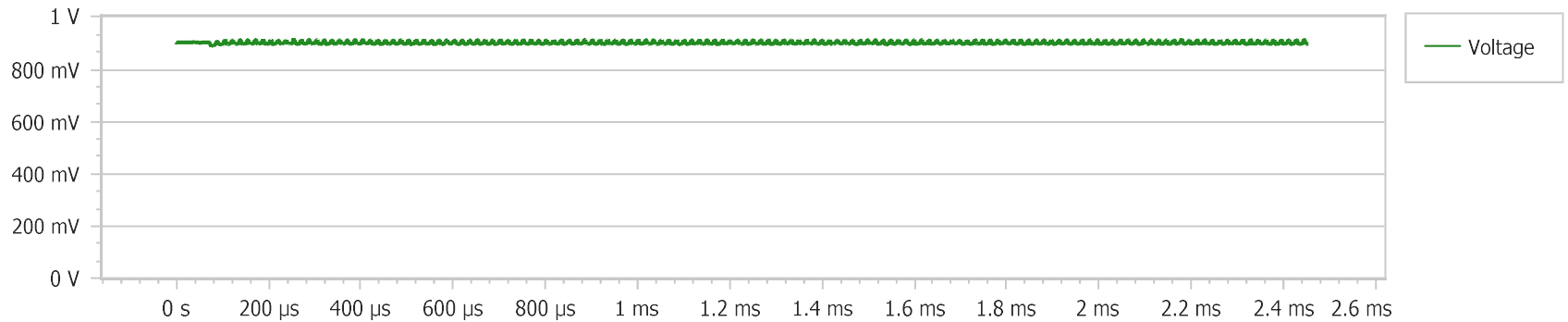
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

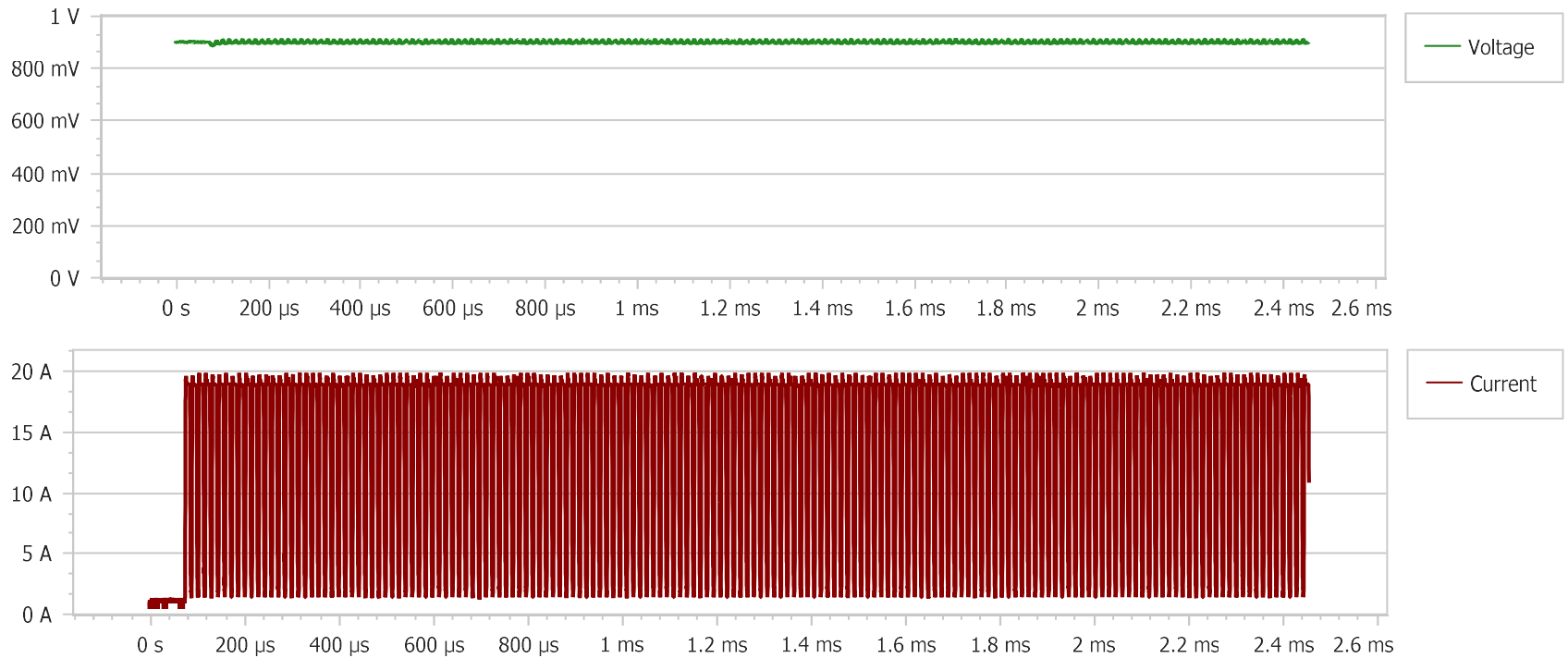
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

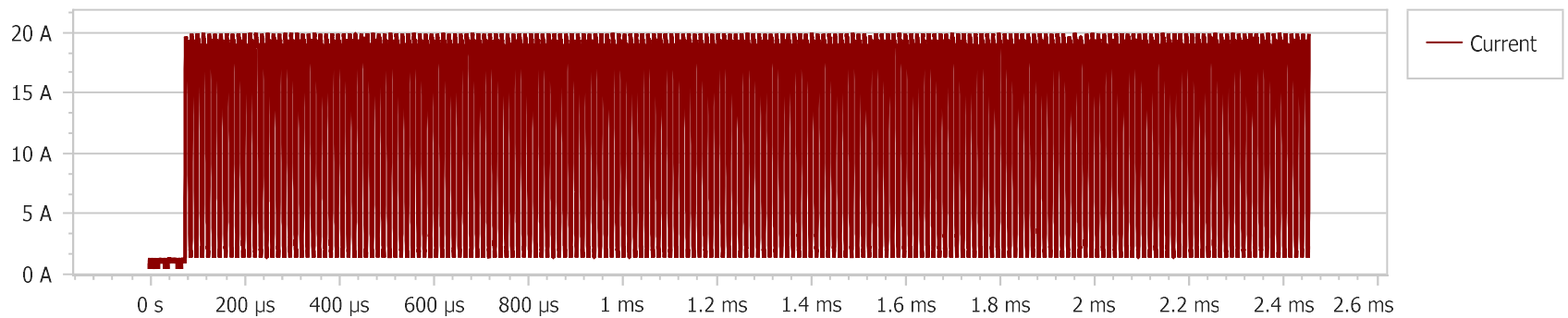
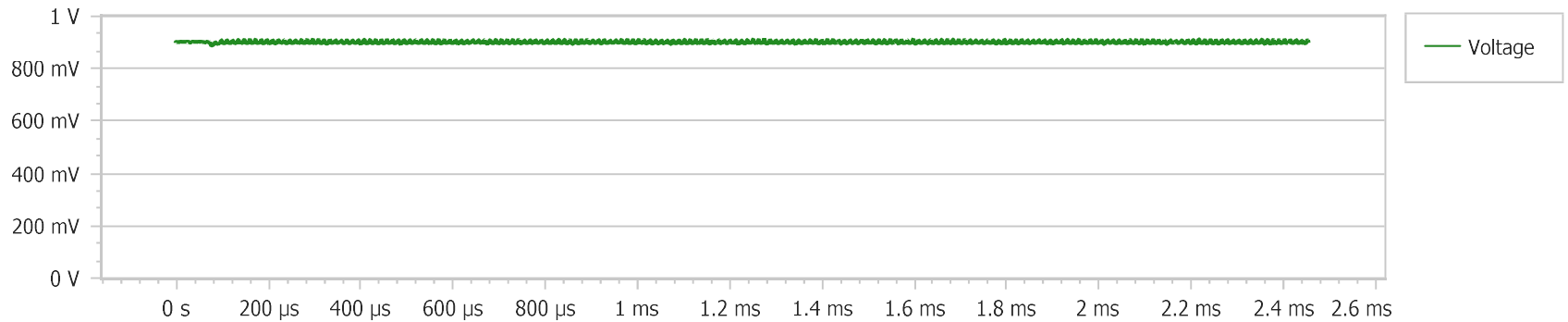
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

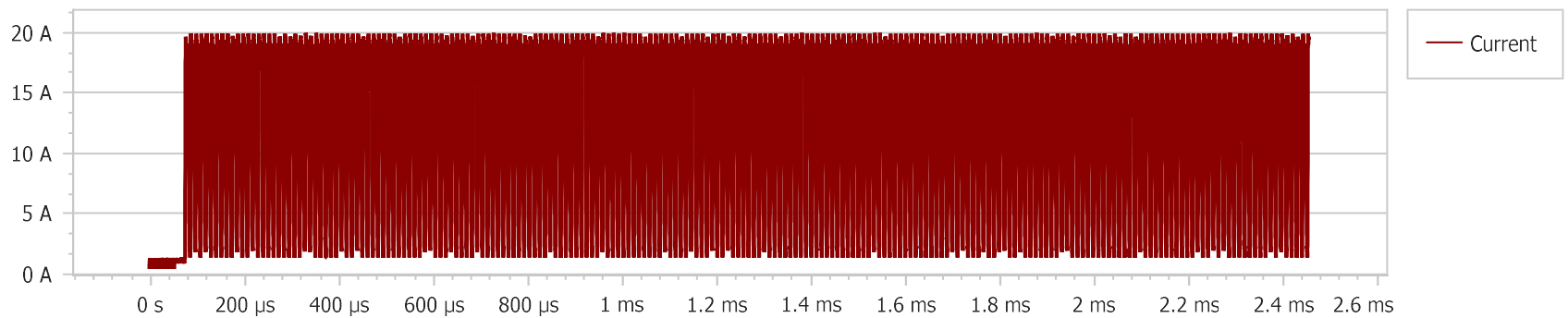
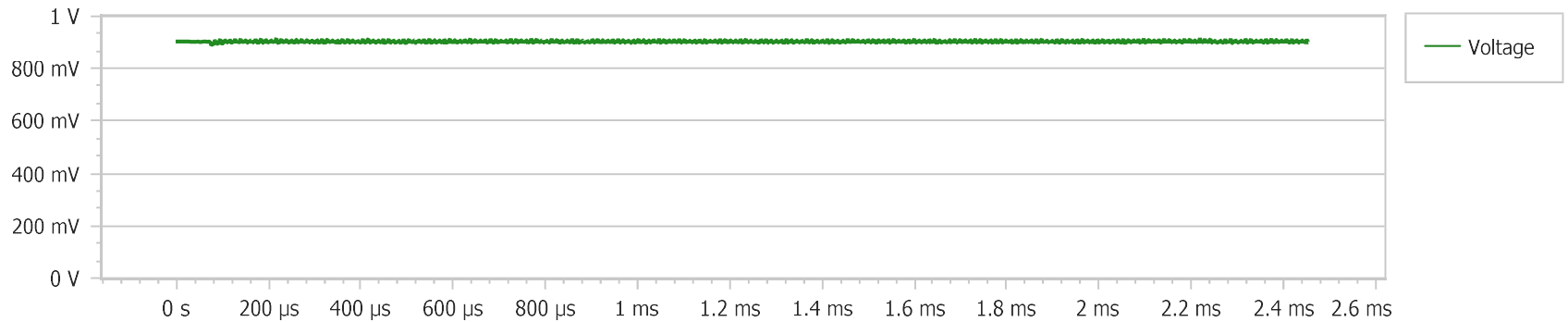
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

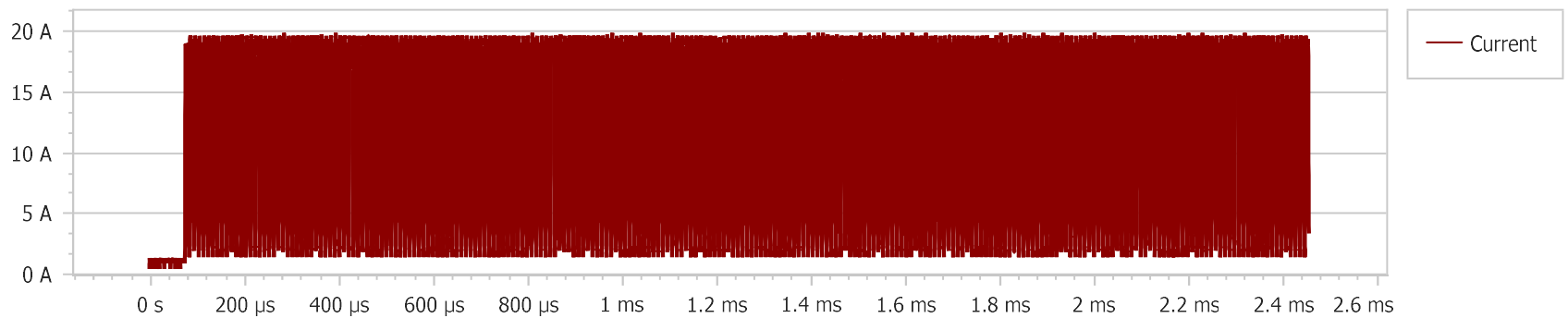
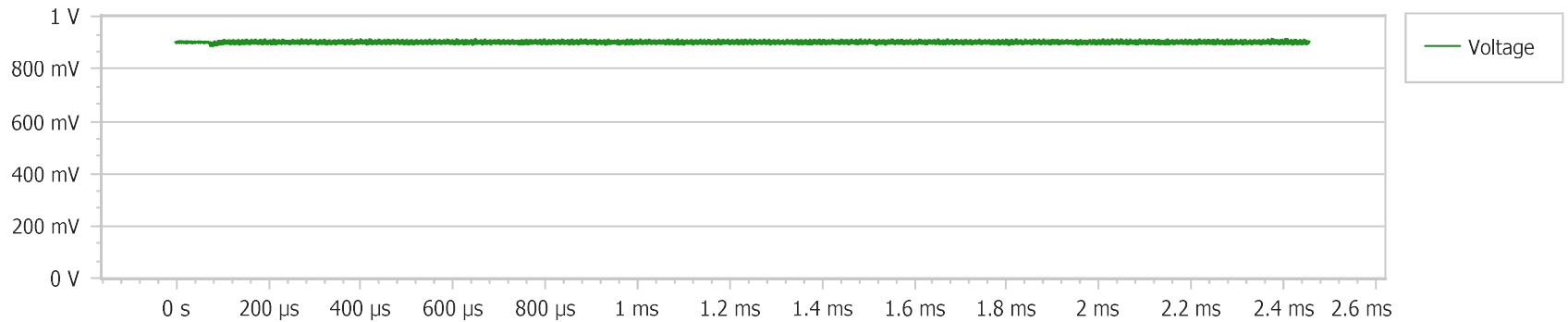
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

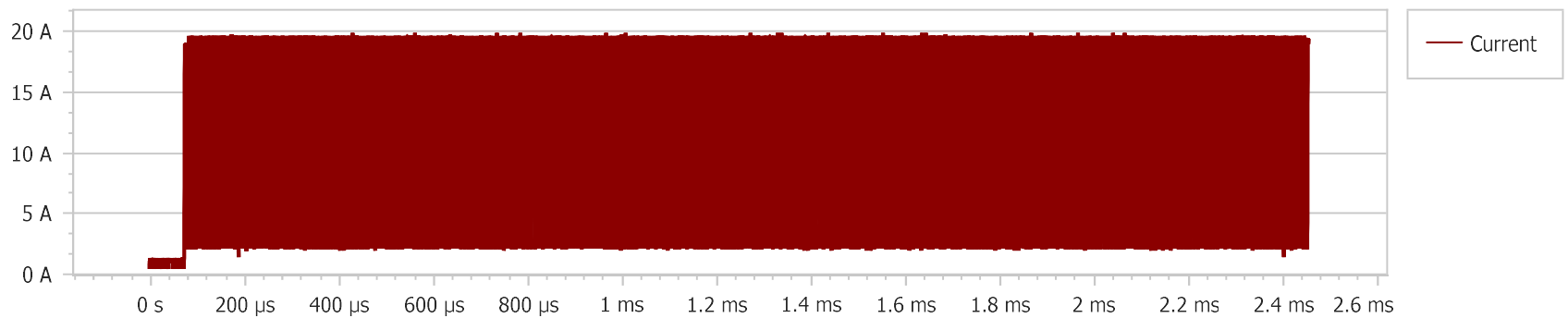
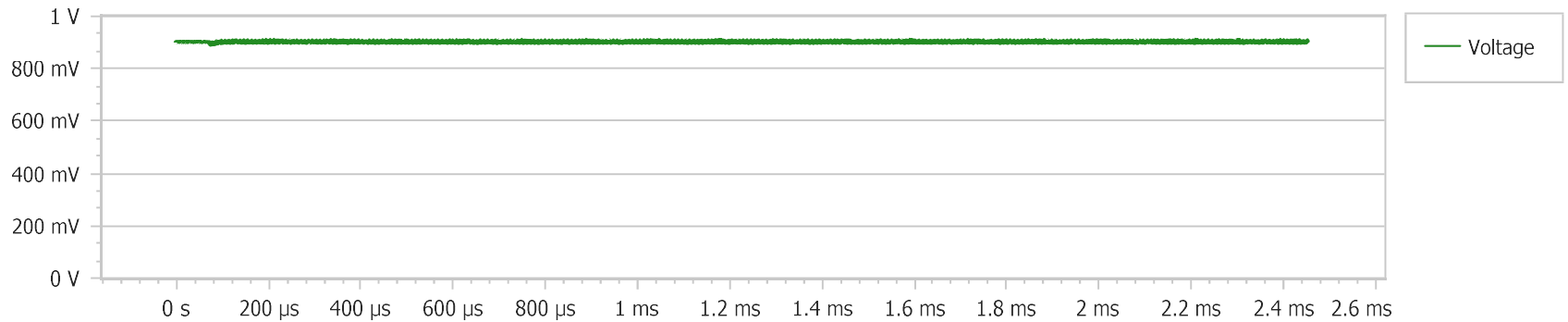
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

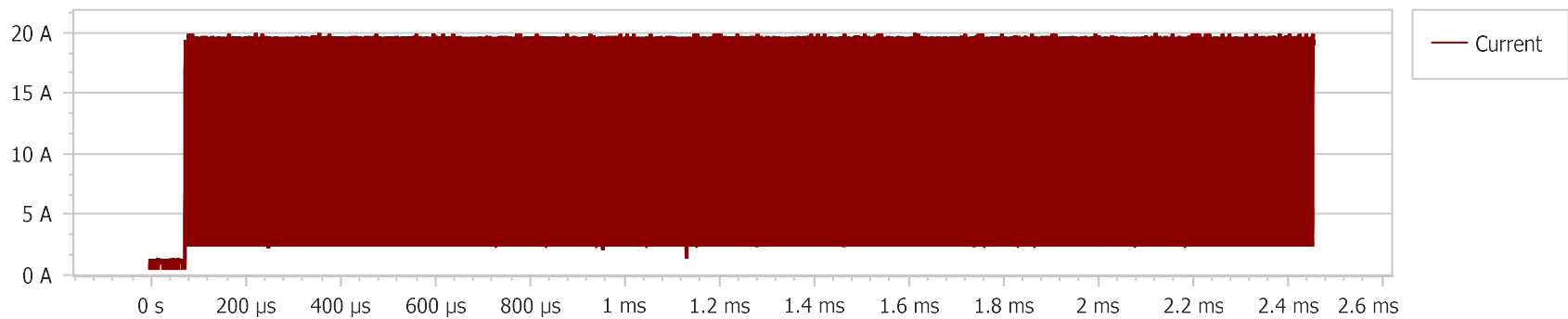
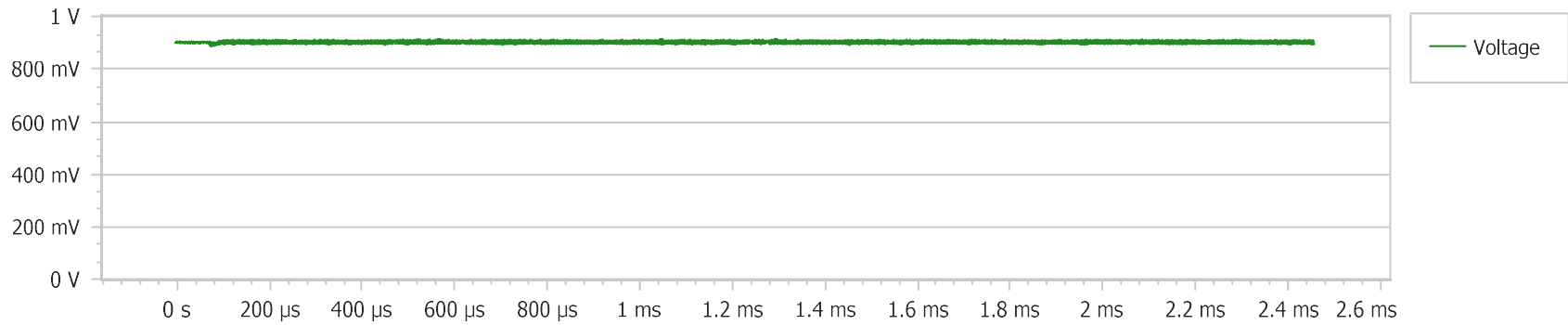
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

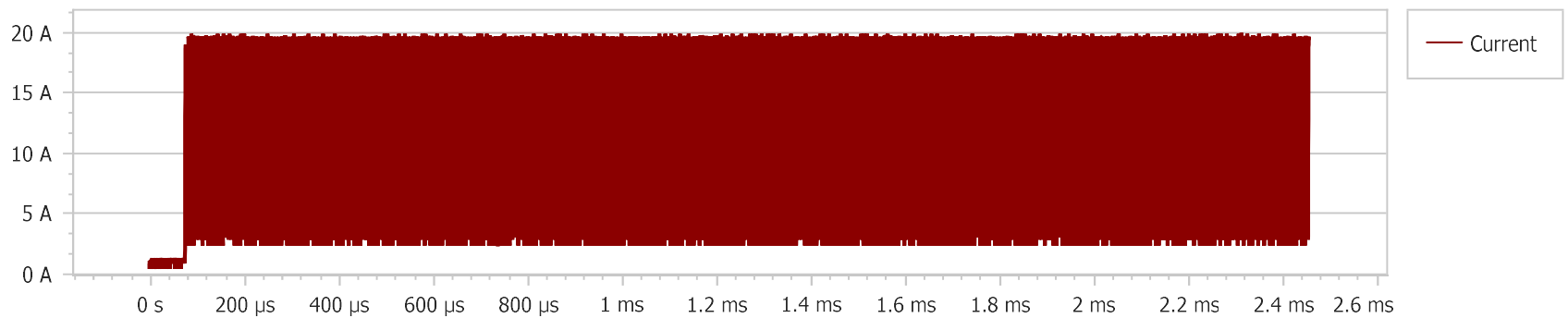
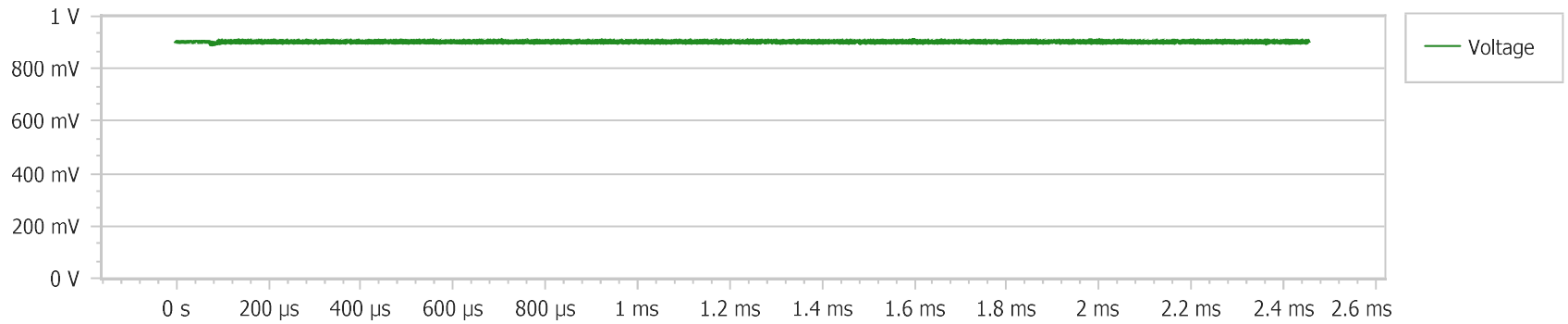
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

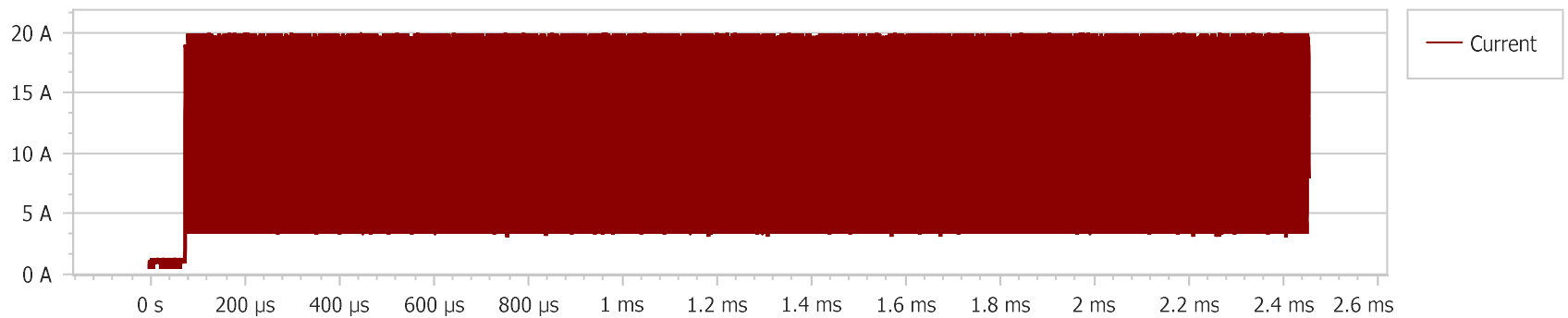
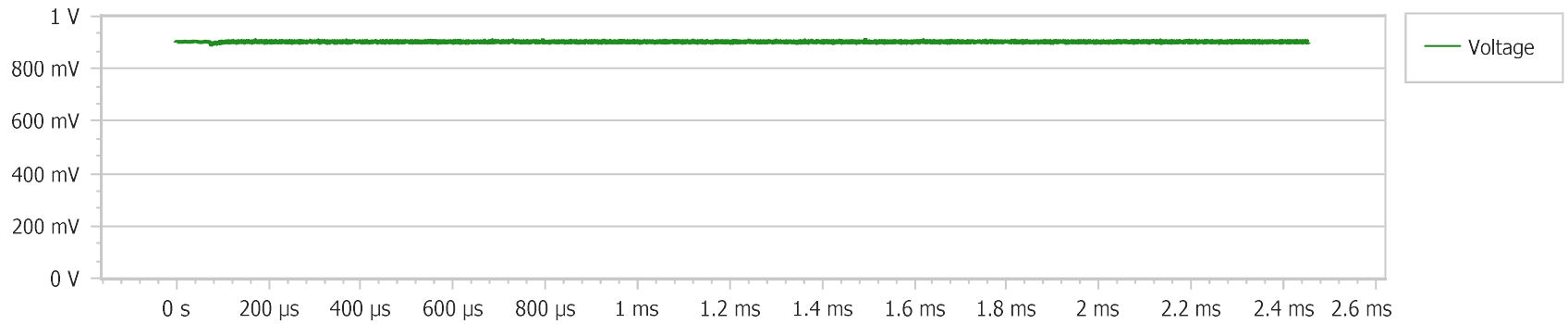
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

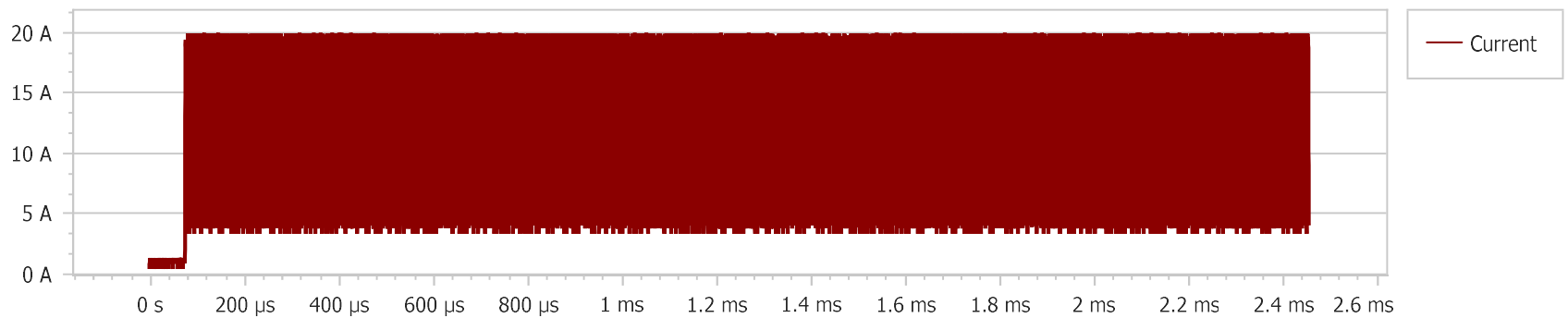
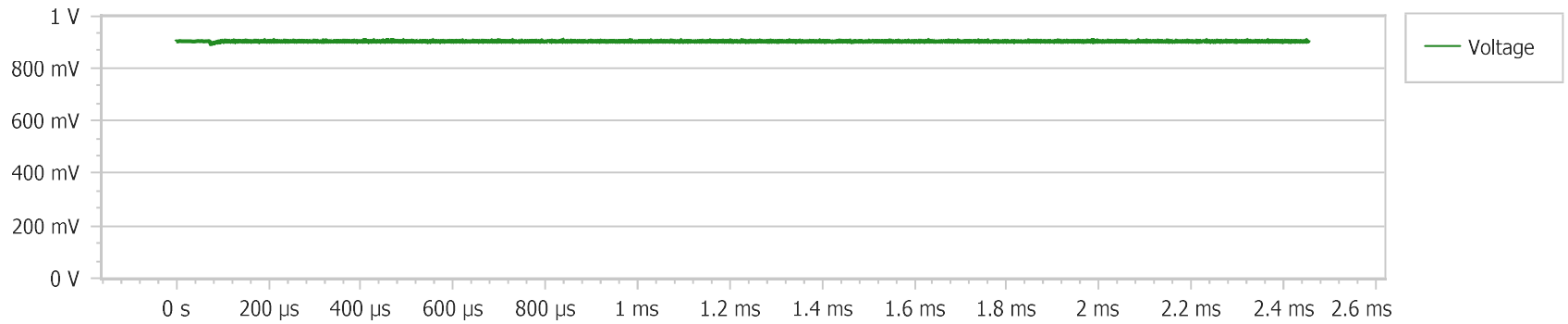
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

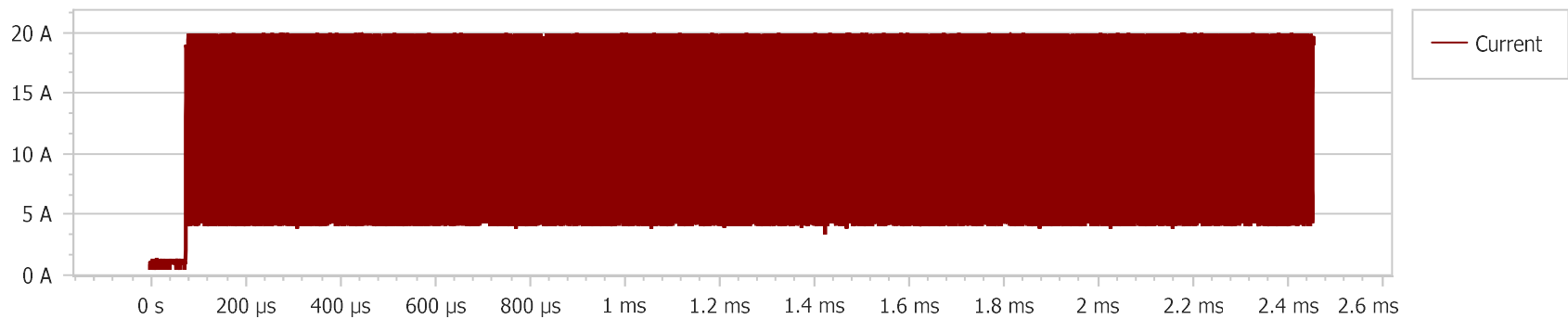
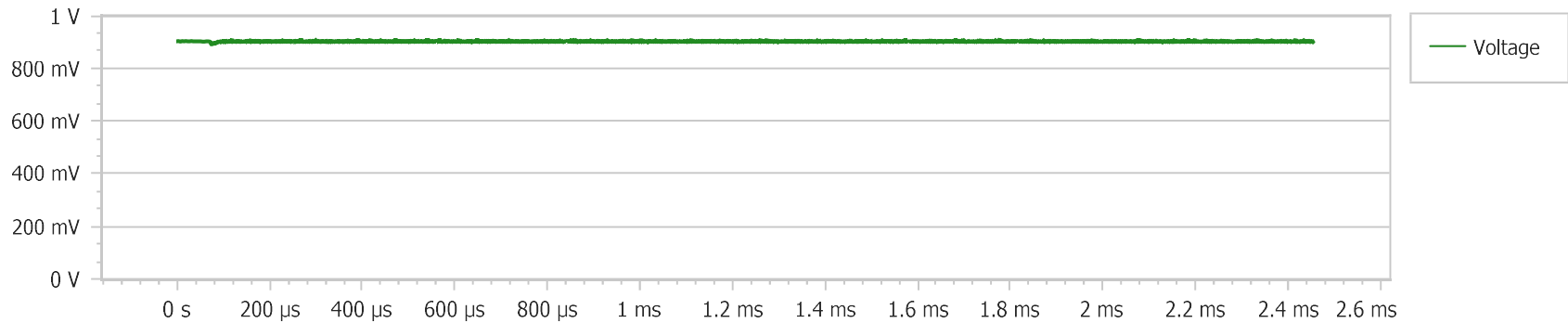
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

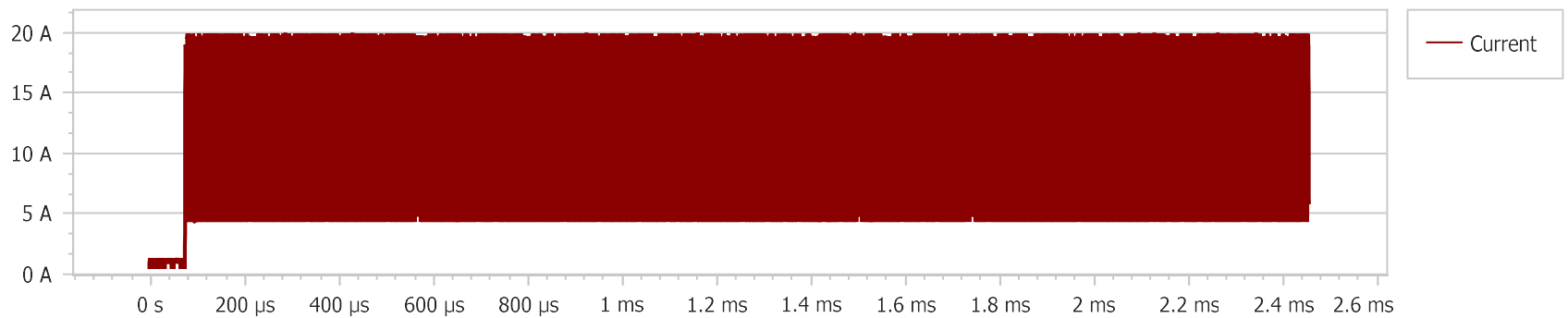
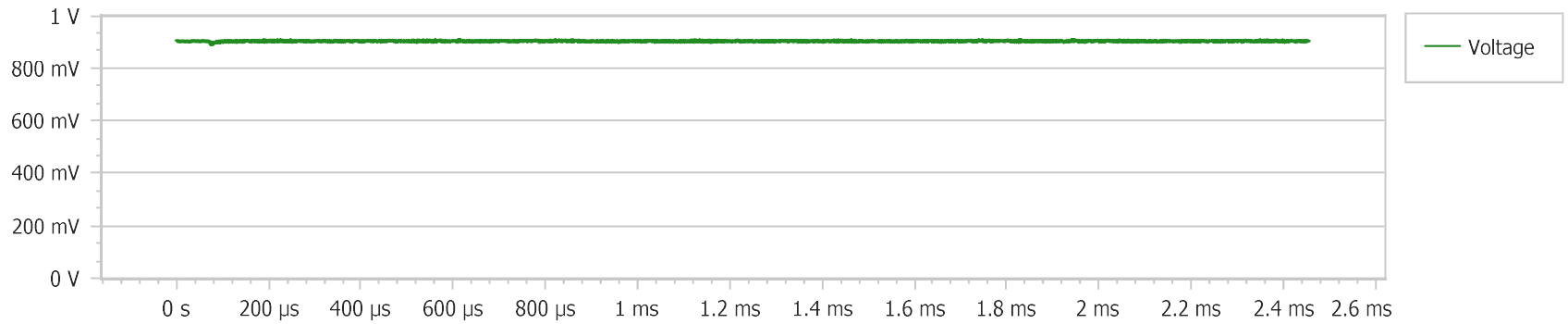
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

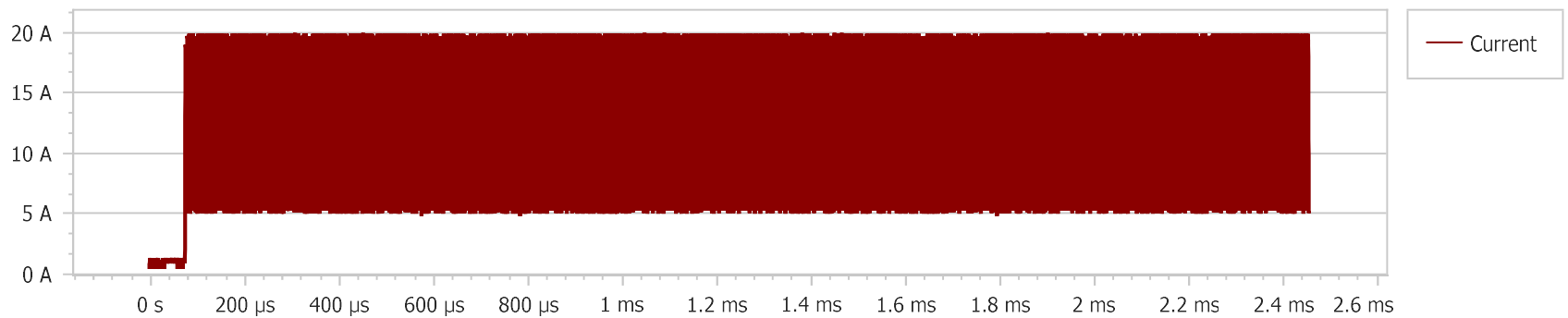
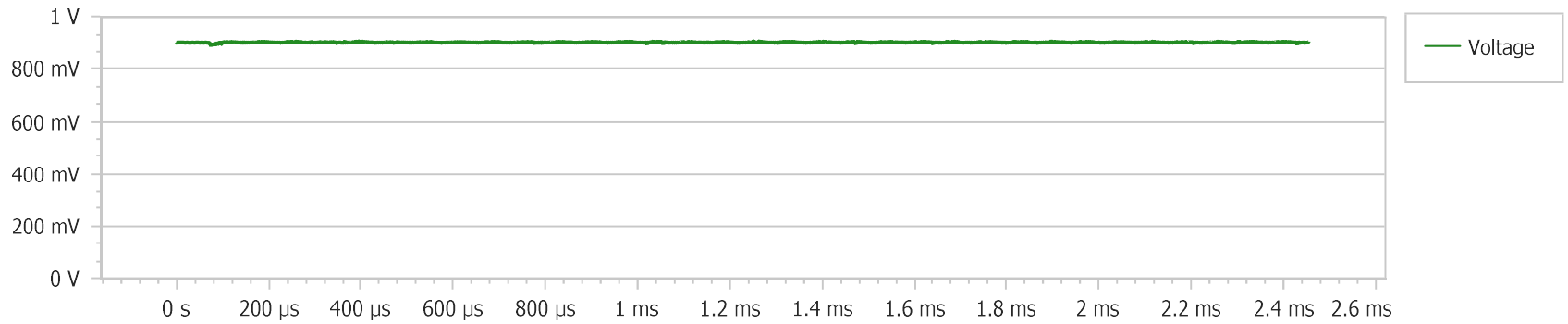
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

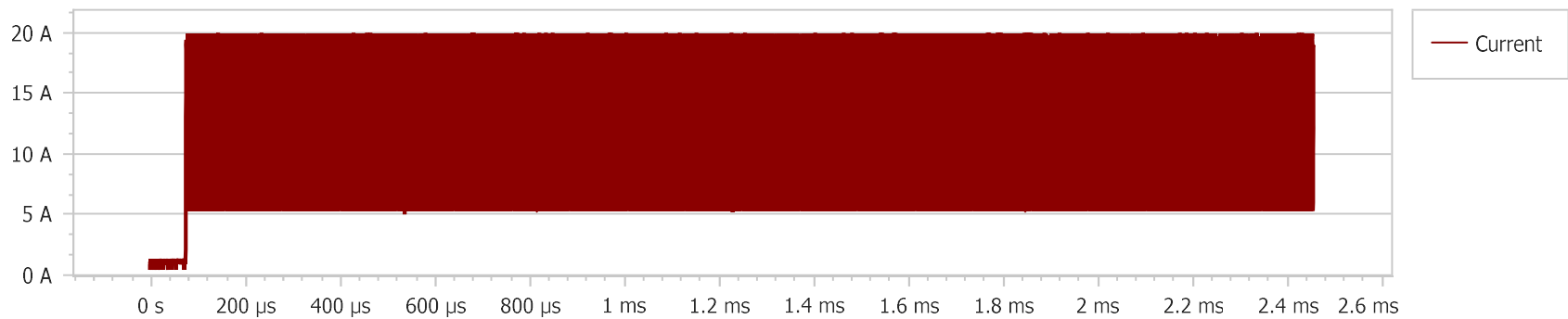
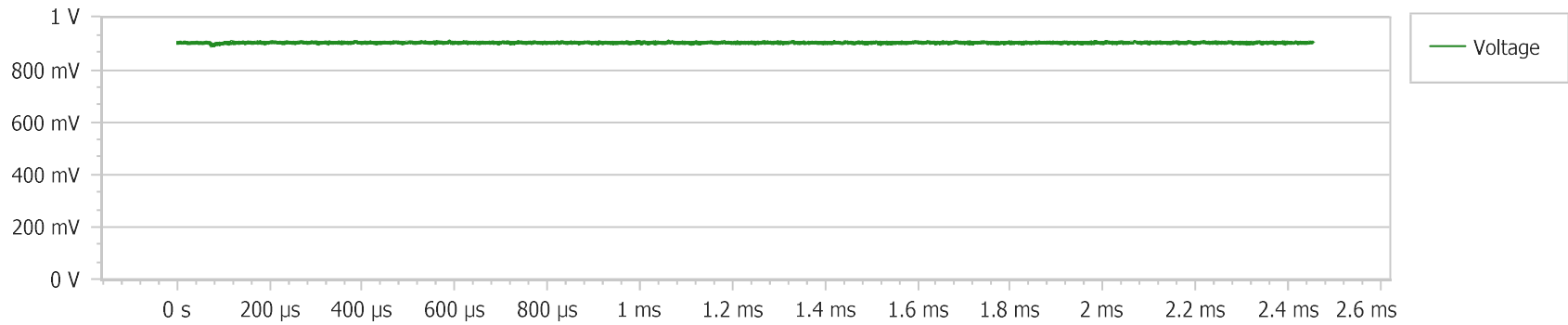
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

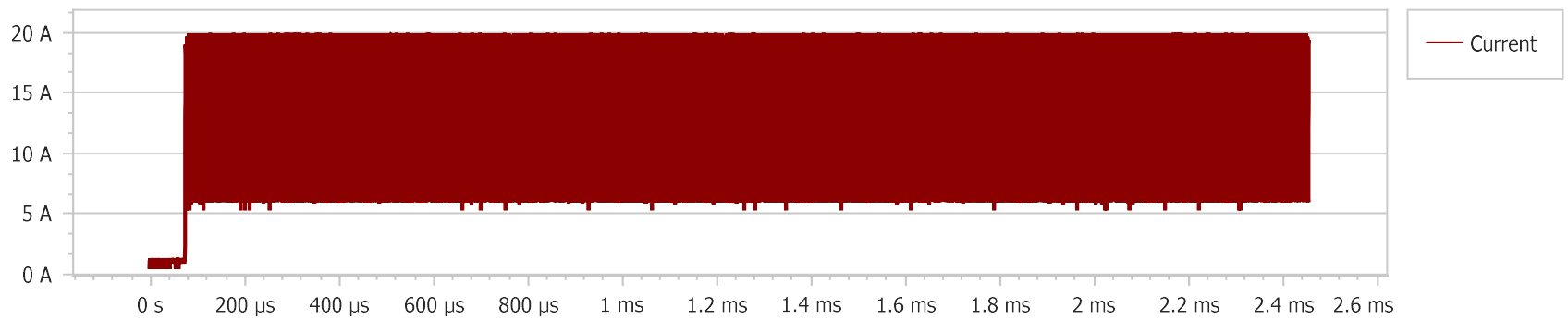
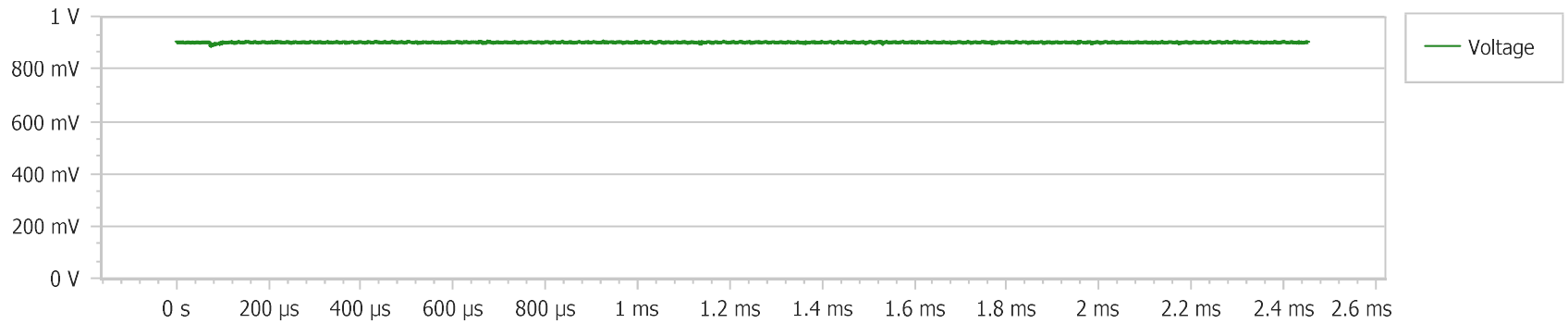
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

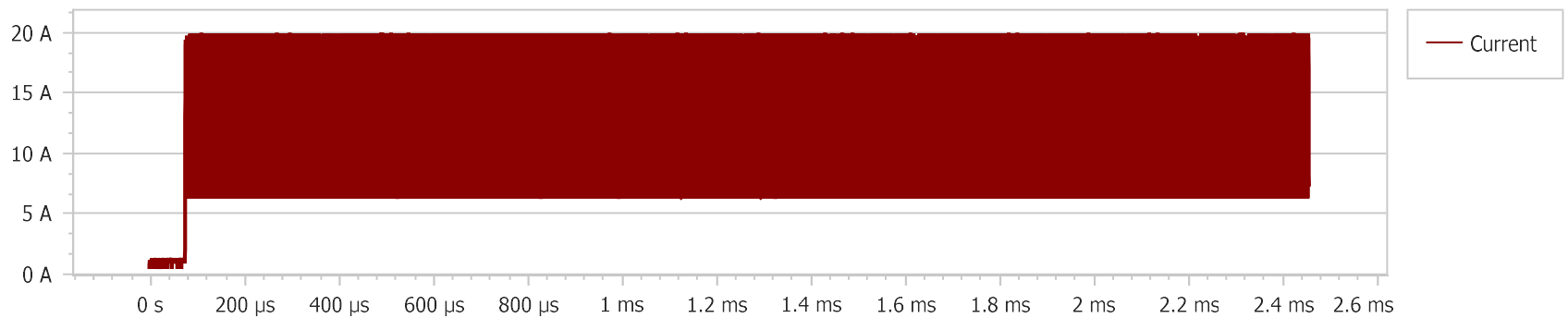
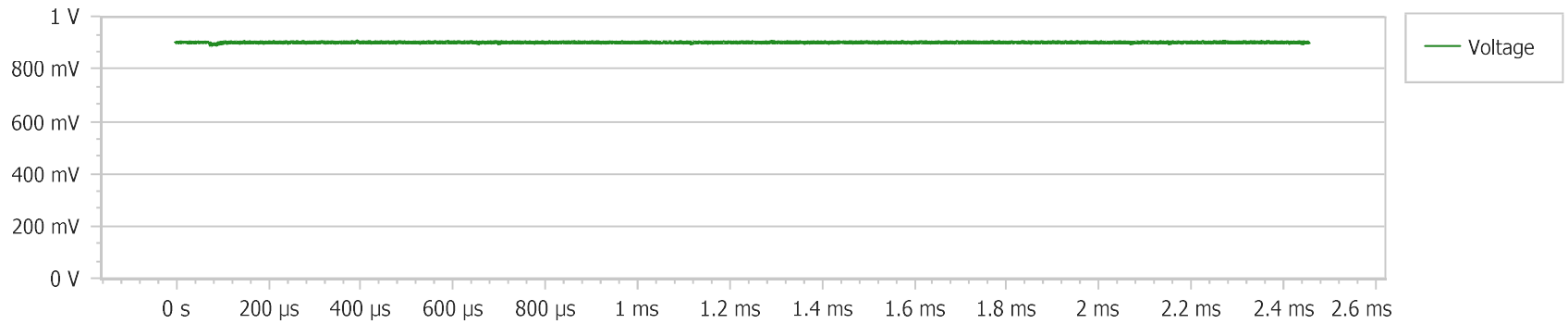
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

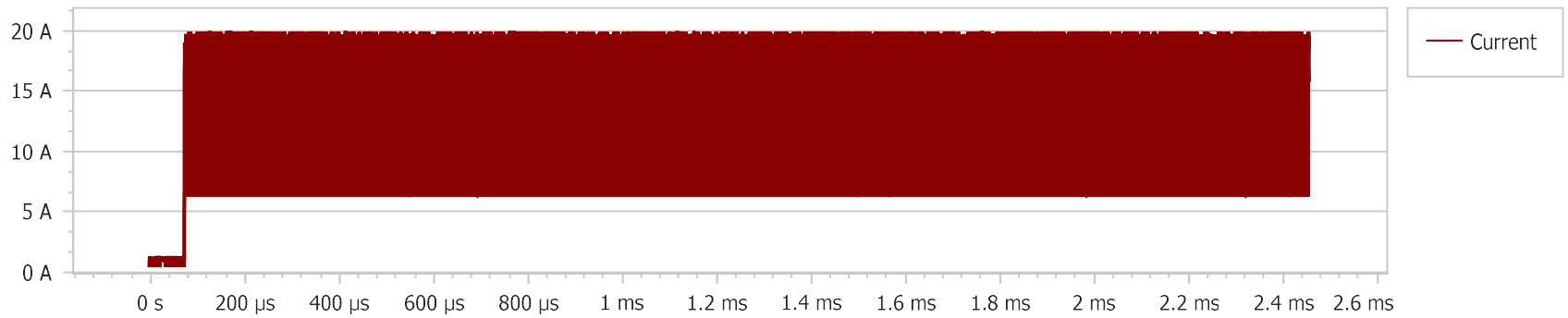
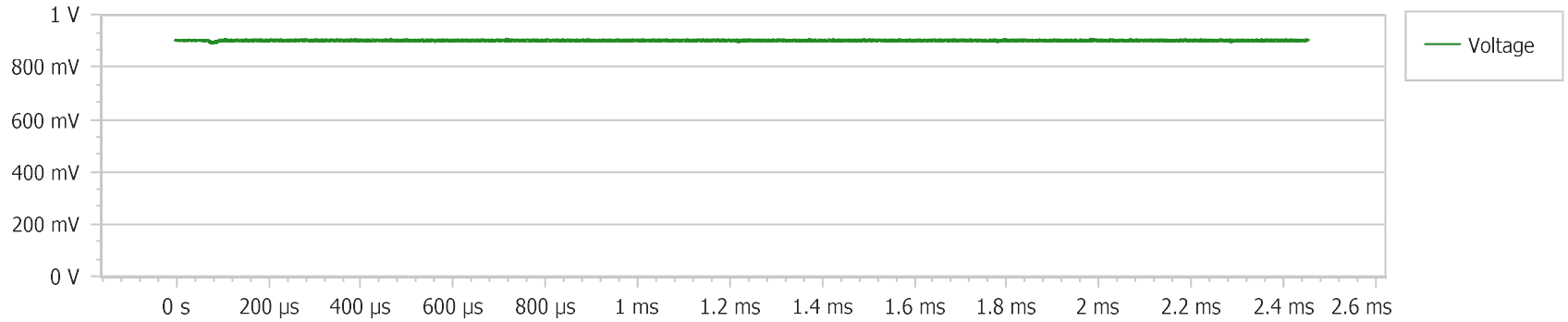
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

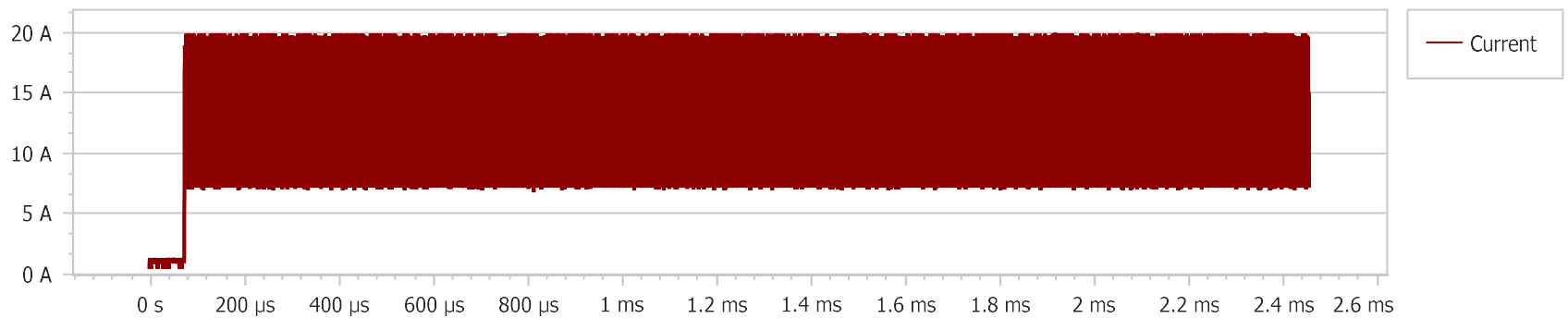
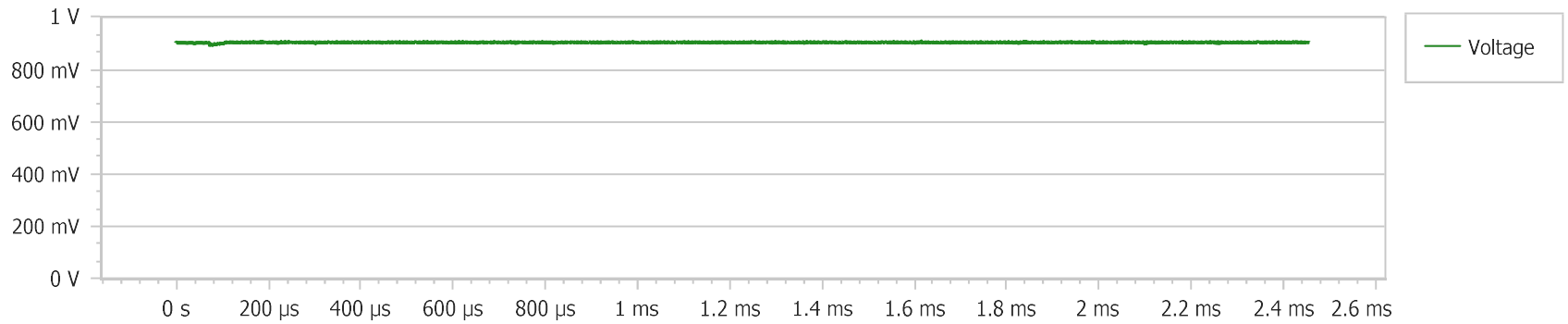
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

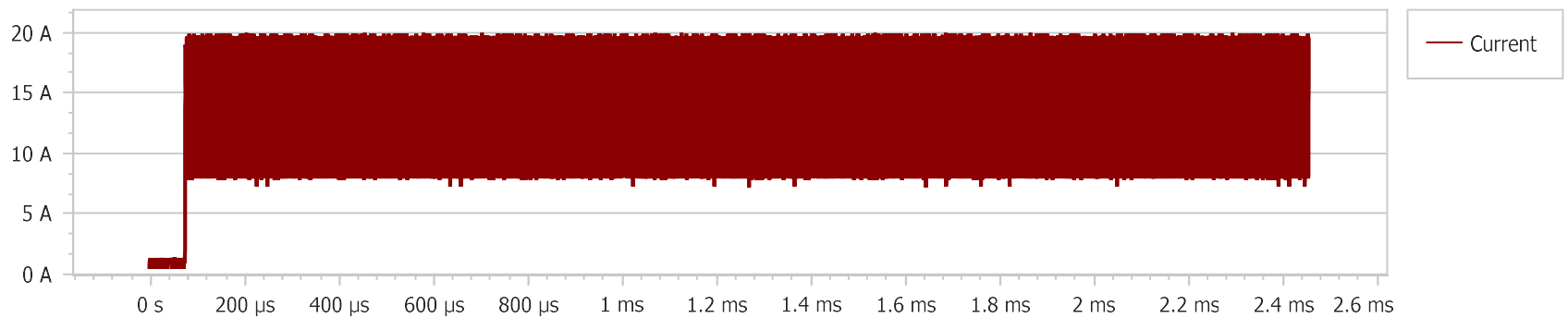
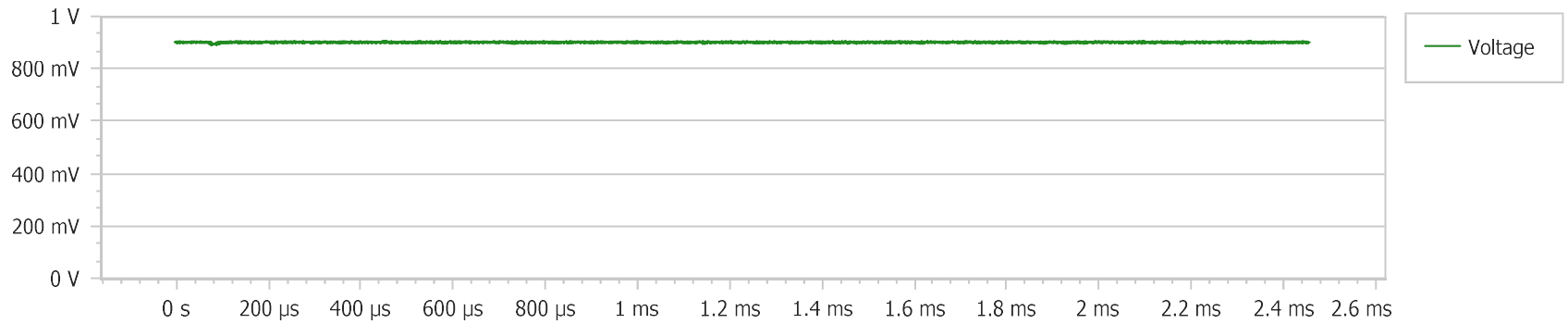
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

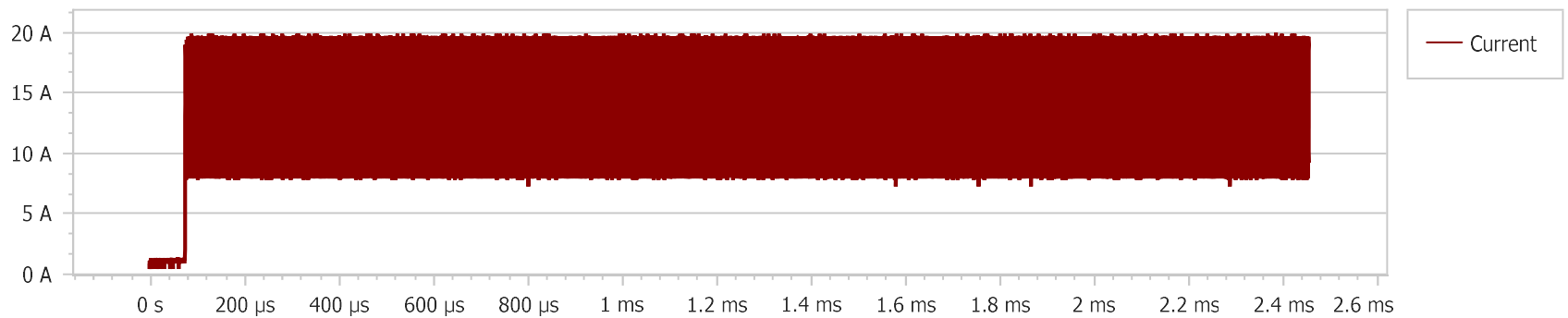
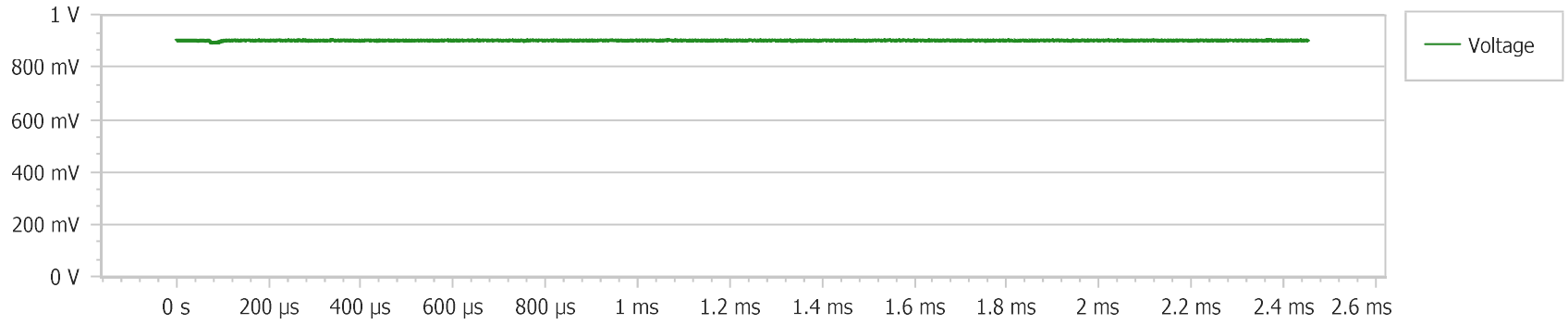
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

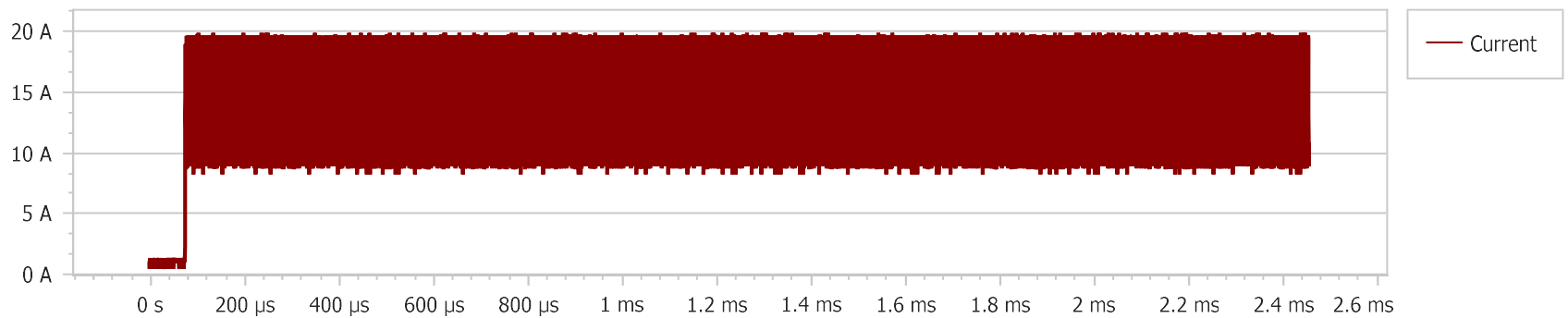
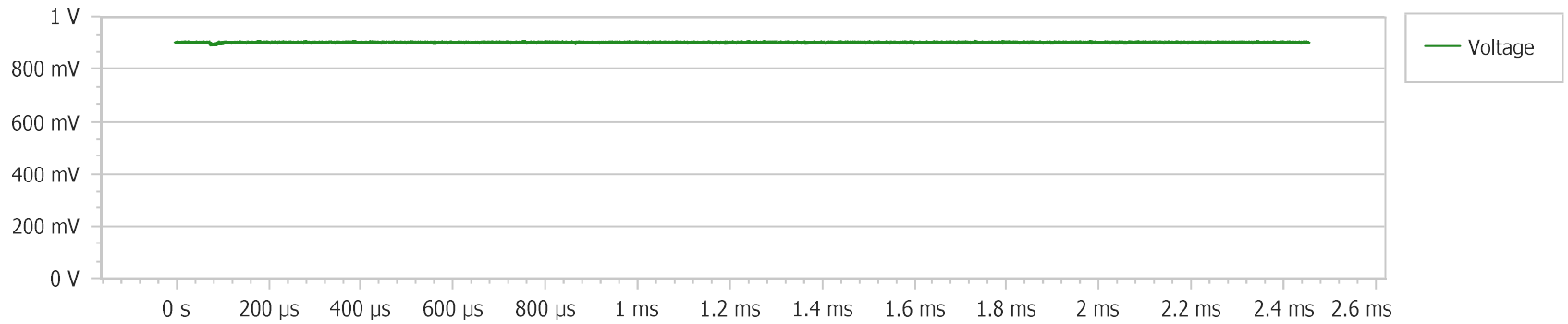
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

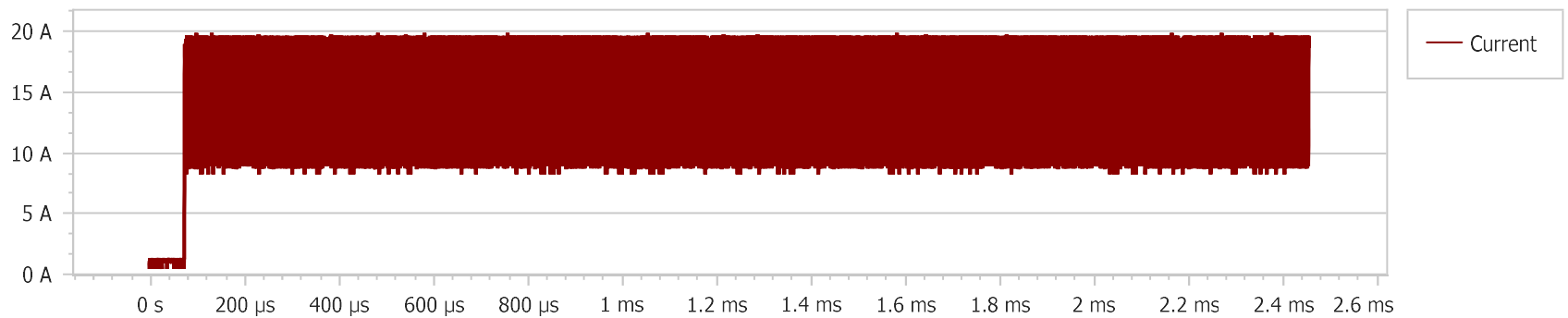
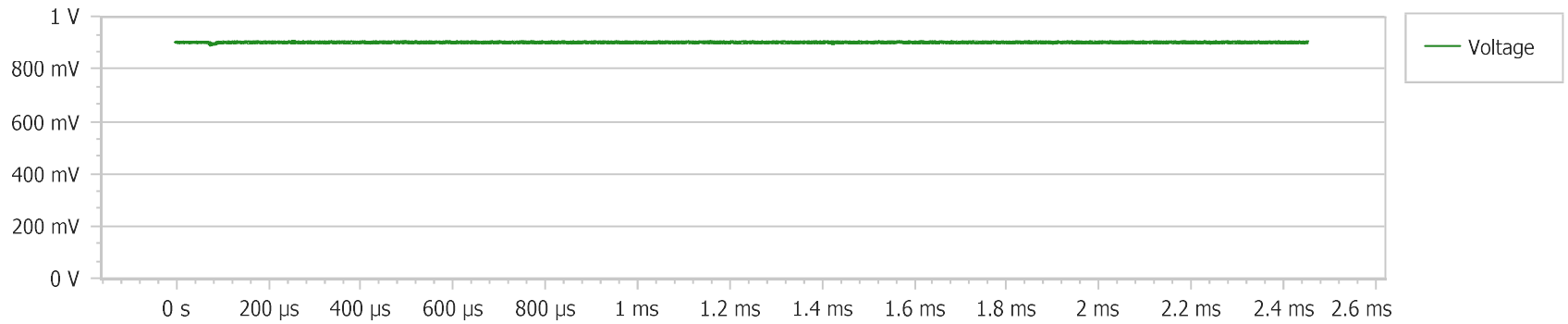
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

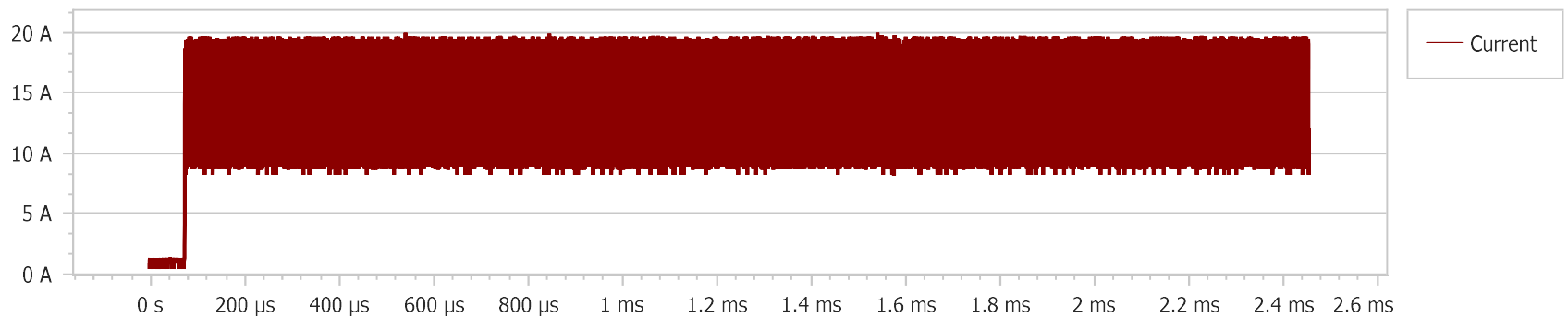
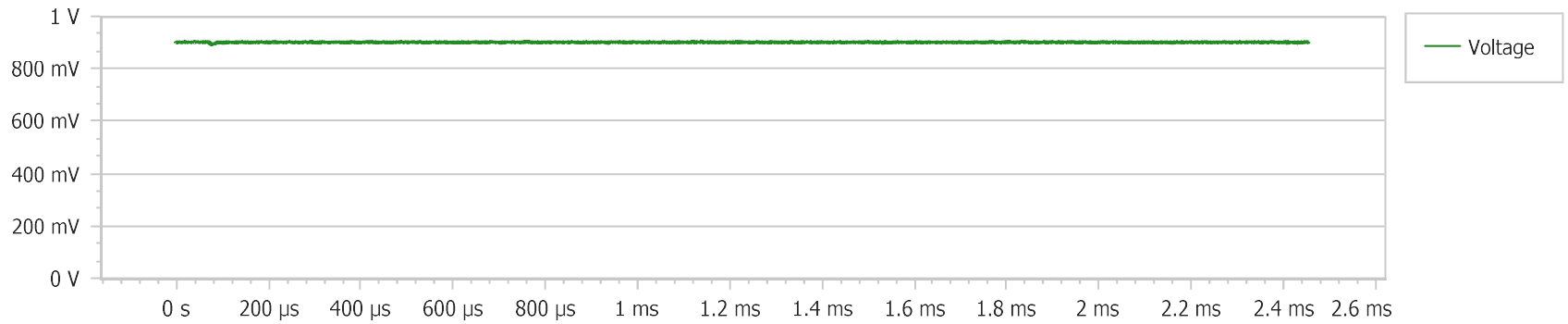
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Max AC: 1.05 V

Min AC: 0.75 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

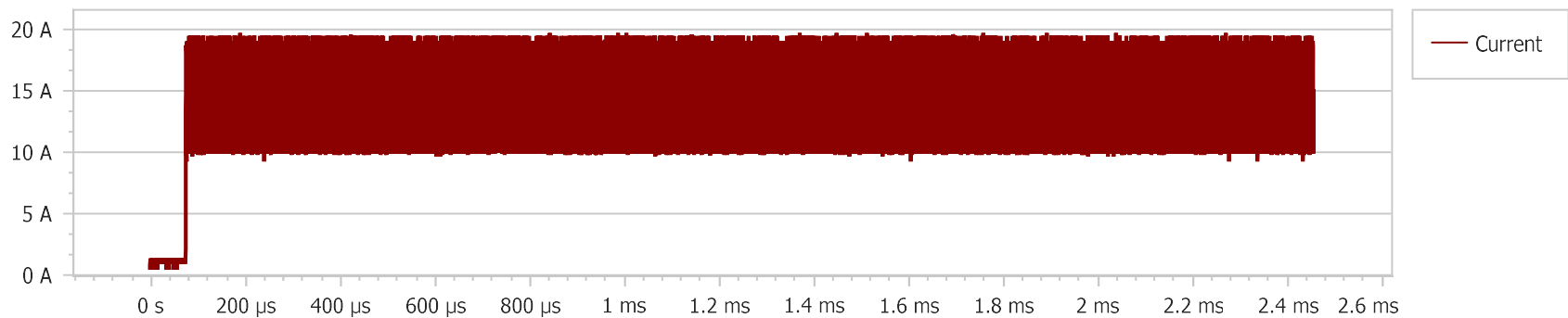
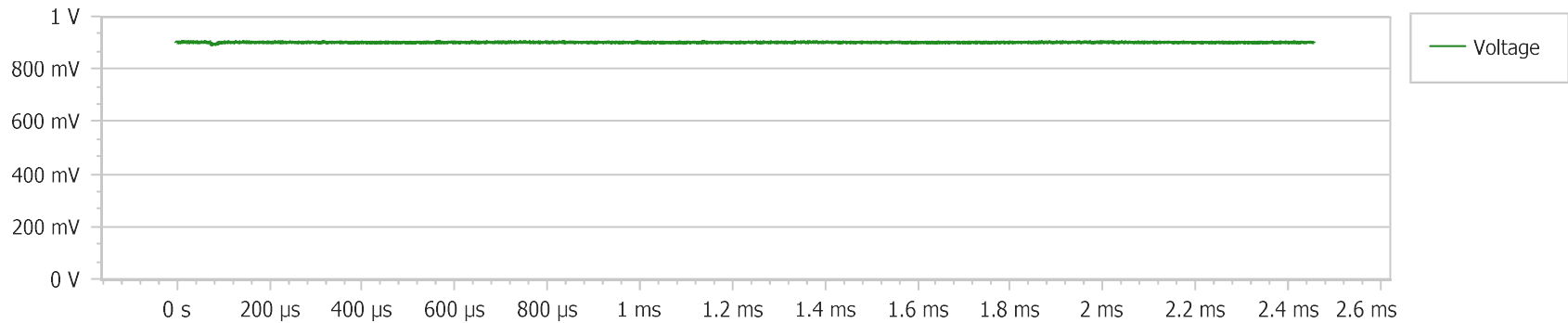
Duty Cycle: 75 %

EDC: 18 A

Load Step: 18 A

Load Release: 18 A

Duration: 100 ms



Static Analysis

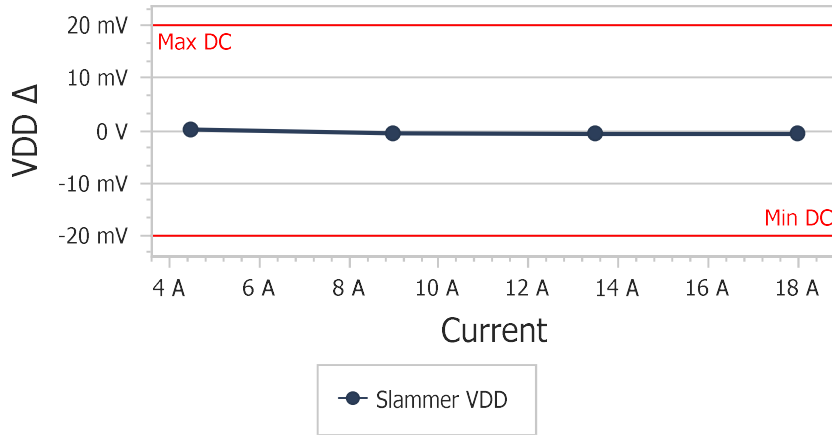
Rail Name: VCC_SOC

VID: 0 V

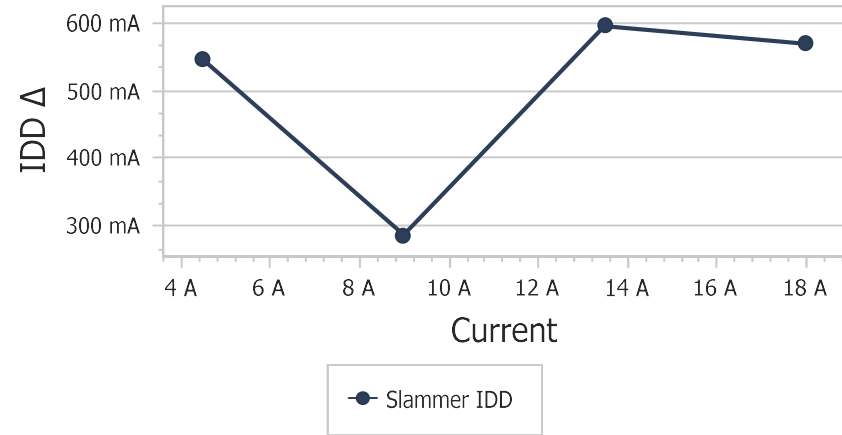
Nominal Voltage: 0.90 V

Load Line Slope: N/A

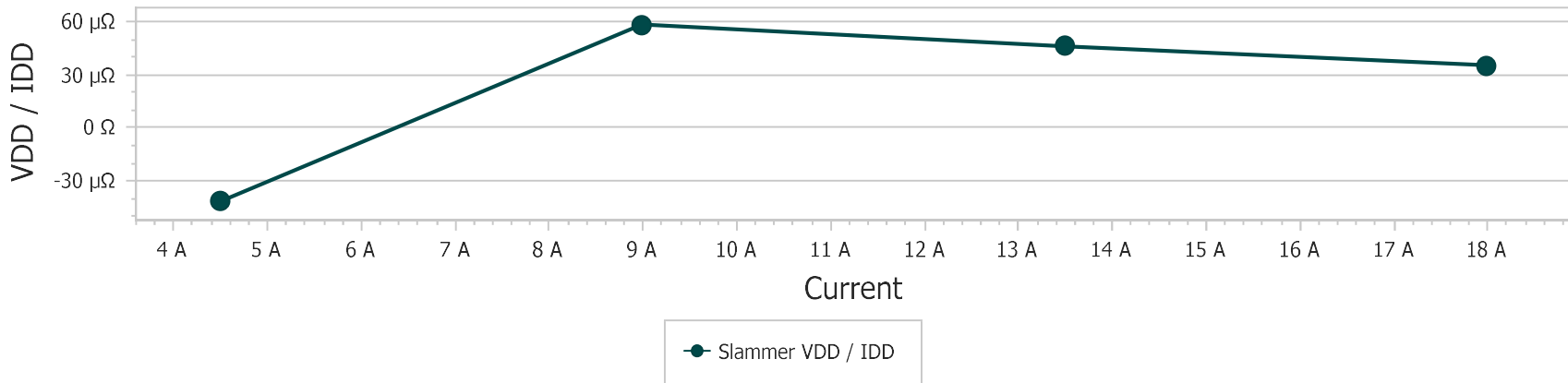
Voltage Tolerance



Current Tolerance



LoadLine



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: N/A

I_Load (A)	Max DC	Min DC	VOUT		
			V	VMax	VMin
4.5 A	922.1 mV	882.1 mV	902.3 mV	907.8 mV	898.0 mV
9 A	922.1 mV	882.1 mV	901.5 mV	906.0 mV	893.2 mV
13.5 A	922.1 mV	882.1 mV	901.4 mV	905.4 mV	898.0 mV
18 A	922.1 mV	882.1 mV	901.4 mV	905.4 mV	893.2 mV



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

Nominal Voltage: 0.90 V

Load Line Slope: N/A

			IOUT		
I_Load (A)	Max DC	Min DC	I	I_Max	I_Min
4.5 A	922.1 mV	882.1 mV	5.05 A	5.31 A	4.33 A
9 A	922.1 mV	882.1 mV	9.29 A	10.13 A	8.24 A
13.5 A	922.1 mV	882.1 mV	14.09 A	14.77 A	13.80 A
18 A	922.1 mV	882.1 mV	18.57 A	18.99 A	17.70 A



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

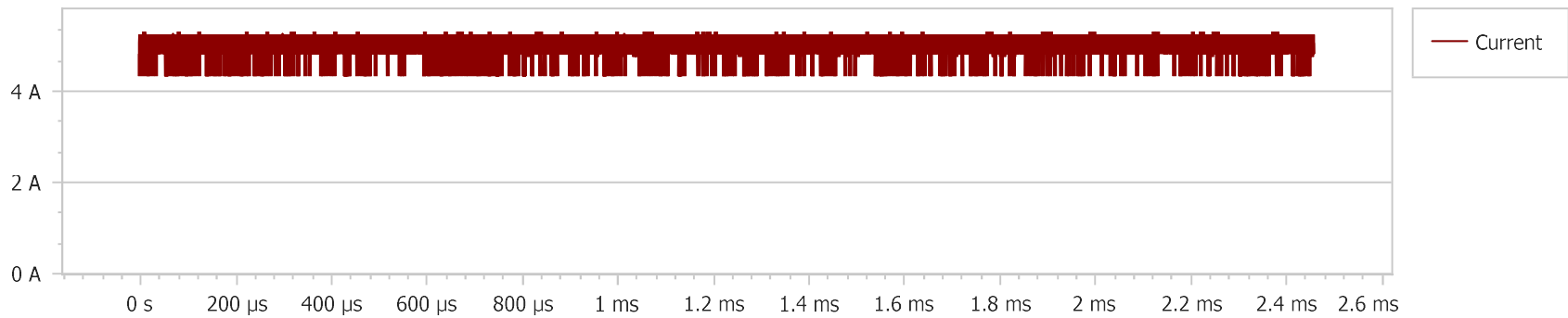
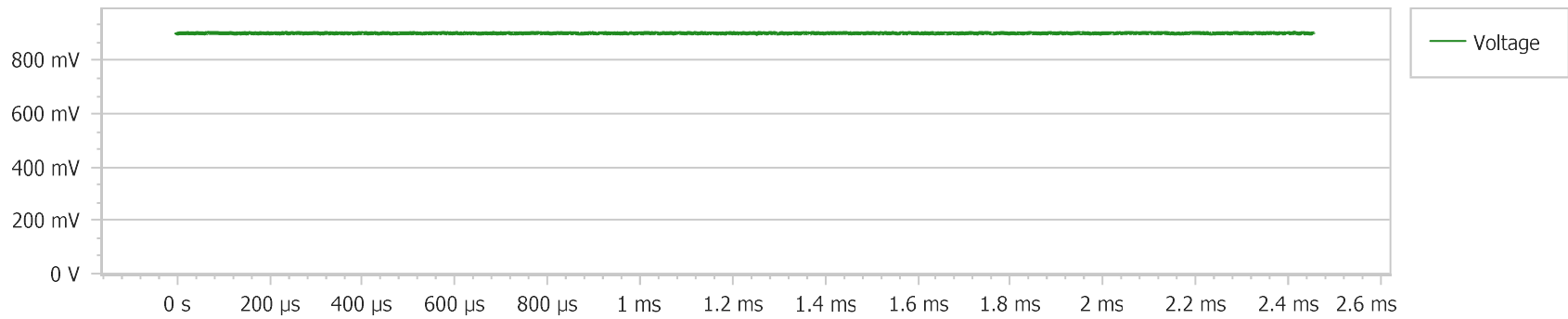
Nominal Voltage: 0.90 V

Load Line Slope: N/A

Waveform Analysis:

Current: 4.5 A

Duration: 1 s



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

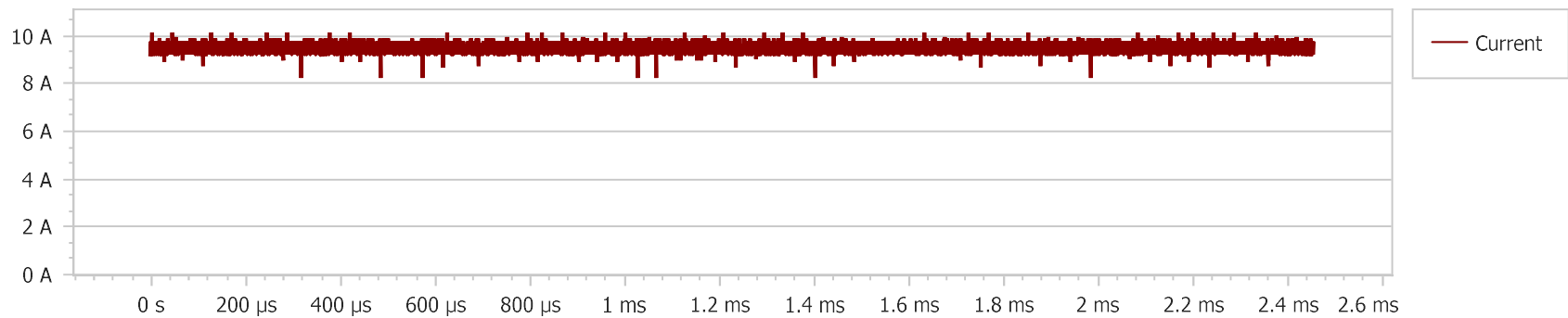
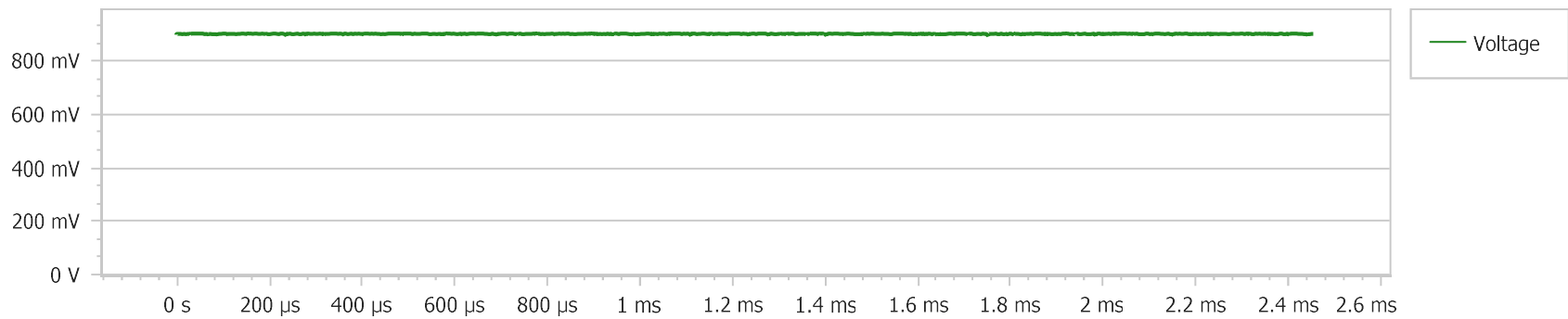
Nominal Voltage: 0.90 V

Load Line Slope: N/A

Waveform Analysis:

Current: 9 A

Duration: 1 s



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

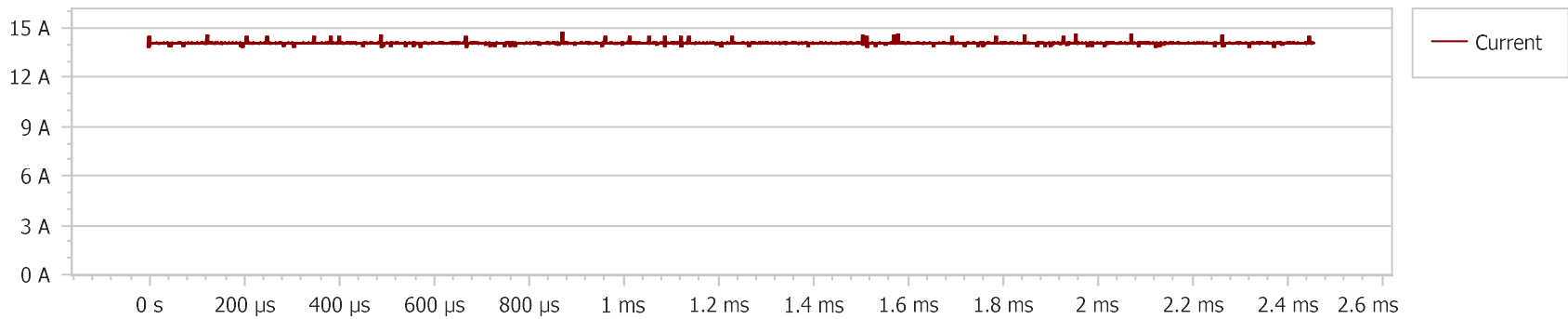
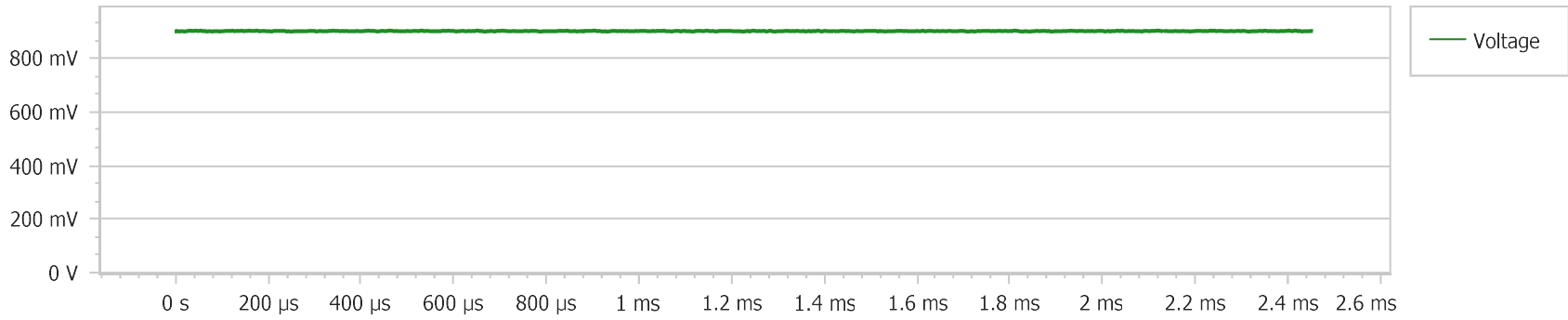
Nominal Voltage: 0.90 V

Load Line Slope: N/A

Waveform Analysis:

Current: 13.5 A

Duration: 1 s



Static Analysis

Rail Name: VCC_SOC

VID: 0 V

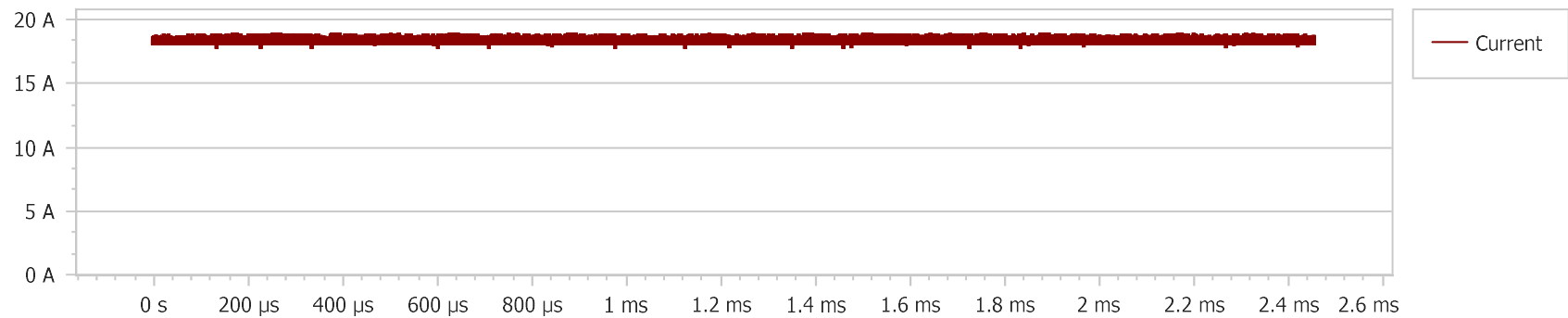
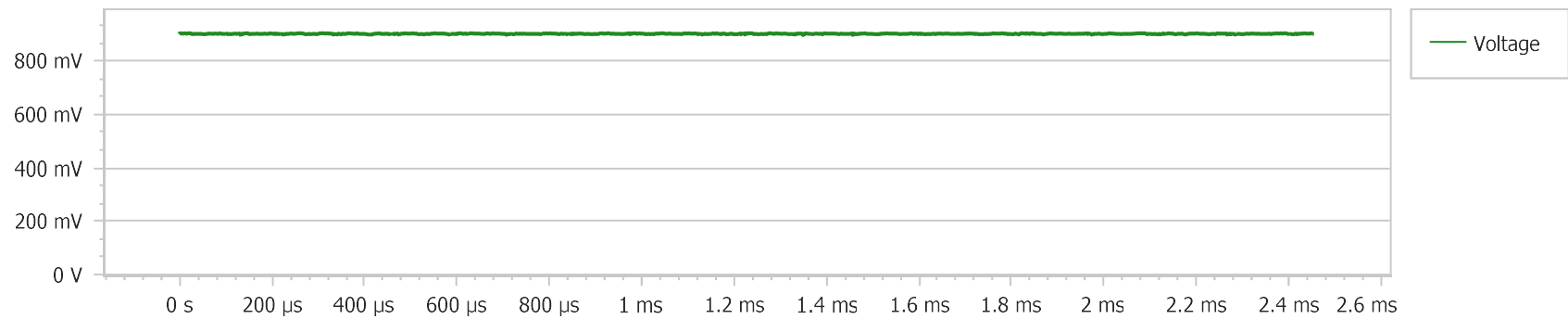
Nominal Voltage: 0.90 V

Load Line Slope: N/A

Waveform Analysis:

Current: 18 A

Duration: 1 s



Test Details: VGTY_AVTT

Test Summary: Dynamic Load

VID	Pass	Borderline	Fail	Total
N/A	114	0	0	114

Test Summary: Static Load

VID	Pass	Borderline	Fail	Total
N/A	4	0	0	4



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

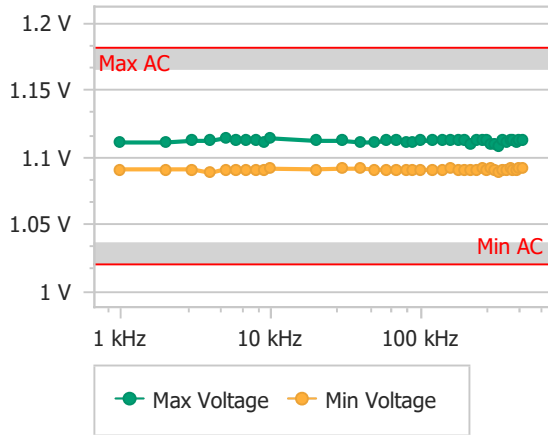
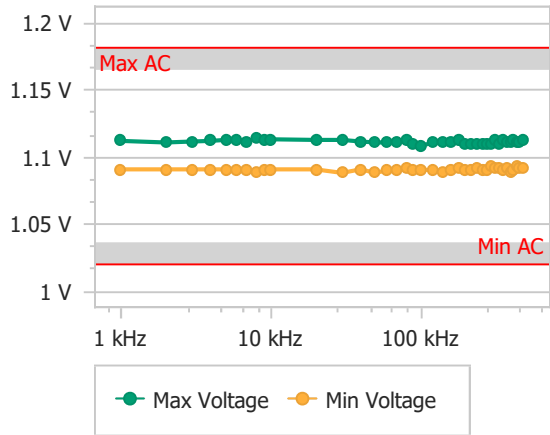
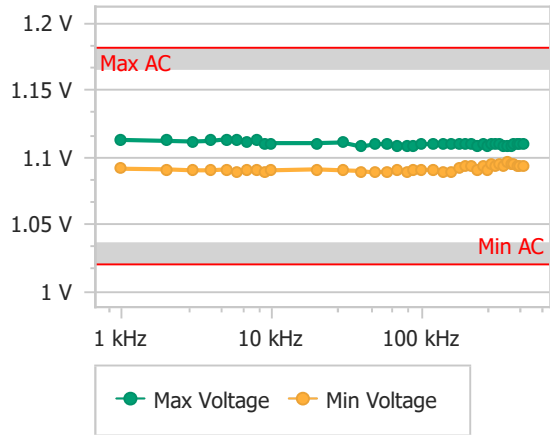
Min AC: 1.02 V

Load Line Slope: N/A

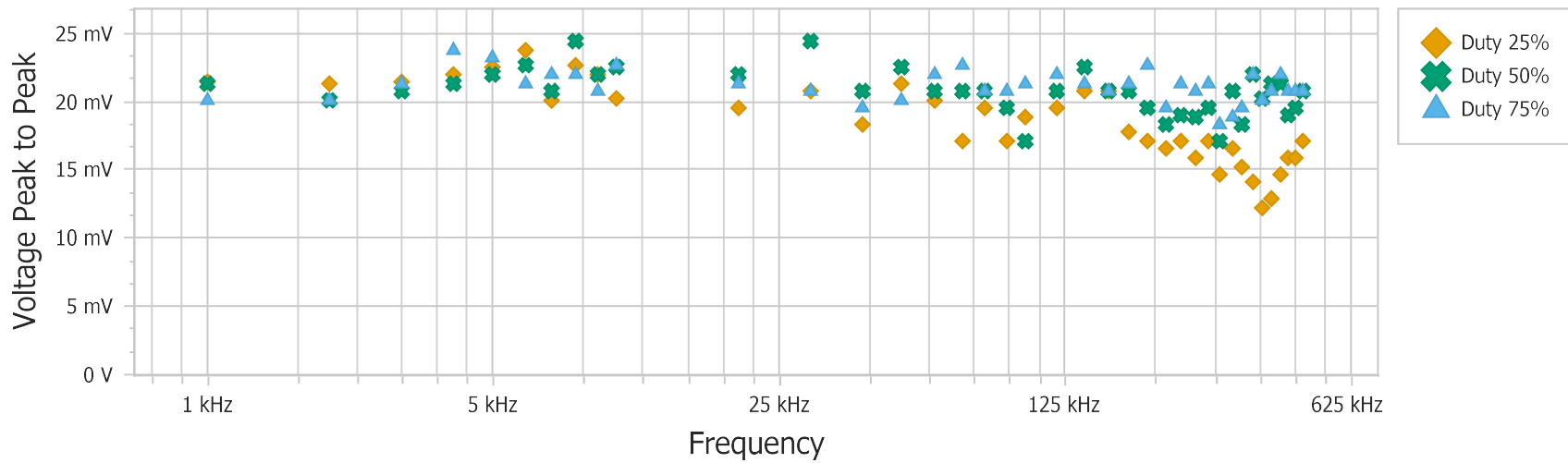
Duty = 25%

Duty = 50%

Duty = 75%



Transient Voltage Peak to Peak vs Frequency



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 25 %			
Frequency	RMS	Min	Max
1 kHz	1.1017 V	1.0916 V	1.1129 V
2 kHz	1.1017 V	1.0910 V	1.1123 V
3 kHz	1.1017 V	1.0904 V	1.1117 V
4 kHz	1.1017 V	1.0904 V	1.1123 V
5 kHz	1.1018 V	1.0910 V	1.1136 V
6 kHz	1.1017 V	1.0885 V	1.1123 V
7 kHz	1.1018 V	1.0910 V	1.1111 V
8 kHz	1.1016 V	1.0904 V	1.1129 V
9 kHz	1.1016 V	1.0885 V	1.1105 V
10 kHz	1.1017 V	1.0904 V	1.1105 V
20 kHz	1.1019 V	1.0910 V	1.1105 V
30 kHz	1.1018 V	1.0904 V	1.1111 V
40 kHz	1.1011 V	1.0897 V	1.1081 V
50 kHz	1.1010 V	1.0885 V	1.1099 V
60 kHz	1.1017 V	1.0897 V	1.1099 V
70 kHz	1.1017 V	1.0910 V	1.1081 V
80 kHz	1.1012 V	1.0885 V	1.1081 V
90 kHz	1.1011 V	1.0910 V	1.1081 V
100 kHz	1.1017 V	1.0910 V	1.1099 V
120 kHz	1.1017 V	1.0904 V	1.1099 V
140 kHz	1.1010 V	1.0885 V	1.1093 V
160 kHz	1.1017 V	1.0891 V	1.1099 V
180 kHz	1.1016 V	1.0916 V	1.1093 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 25 %			
Frequency	RMS	Min	Max
200 kHz	1.1010 V	1.0928 V	1.1099 V
220 kHz	1.1018 V	1.0928 V	1.1093 V
240 kHz	1.1015 V	1.0910 V	1.1081 V
260 kHz	1.1011 V	1.0934 V	1.1093 V
280 kHz	1.1011 V	1.0910 V	1.1081 V
300 kHz	1.1017 V	1.0946 V	1.1093 V
320 kHz	1.1011 V	1.0928 V	1.1093 V
340 kHz	1.1016 V	1.0946 V	1.1099 V
360 kHz	1.1011 V	1.0940 V	1.1081 V
380 kHz	1.1018 V	1.0958 V	1.1081 V
400 kHz	1.1018 V	1.0952 V	1.1081 V
420 kHz	1.1011 V	1.0952 V	1.1099 V
440 kHz	1.1018 V	1.0934 V	1.1093 V
460 kHz	1.1011 V	1.0940 V	1.1099 V
480 kHz	1.1018 V	1.0928 V	1.1099 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 50 %			
Frequency	RMS	Min	Max
1 kHz	1.1017 V	1.0910 V	1.1123 V
2 kHz	1.1017 V	1.0910 V	1.1111 V
3 kHz	1.1016 V	1.0910 V	1.1117 V
4 kHz	1.1017 V	1.0910 V	1.1123 V
5 kHz	1.1017 V	1.0910 V	1.1129 V
6 kHz	1.1016 V	1.0904 V	1.1129 V
7 kHz	1.1017 V	1.0910 V	1.1117 V
8 kHz	1.1016 V	1.0897 V	1.1142 V
9 kHz	1.1016 V	1.0910 V	1.1129 V
10 kHz	1.1016 V	1.0910 V	1.1136 V
20 kHz	1.1016 V	1.0910 V	1.1129 V
30 kHz	1.1015 V	1.0885 V	1.1129 V
40 kHz	1.1016 V	1.0910 V	1.1117 V
50 kHz	1.1010 V	1.0885 V	1.1111 V
60 kHz	1.1017 V	1.0904 V	1.1111 V
70 kHz	1.1009 V	1.0904 V	1.1111 V
80 kHz	1.1015 V	1.0916 V	1.1123 V
90 kHz	1.1010 V	1.0904 V	1.1099 V
100 kHz	1.1010 V	1.0910 V	1.1081 V
120 kHz	1.1010 V	1.0904 V	1.1111 V
140 kHz	1.1010 V	1.0885 V	1.1111 V
160 kHz	1.1010 V	1.0904 V	1.1111 V
180 kHz	1.1016 V	1.0916 V	1.1123 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 50 %			
Frequency	RMS	Min	Max
200 kHz	1.1016 V	1.0910 V	1.1105 V
220 kHz	1.1010 V	1.0910 V	1.1093 V
240 kHz	1.1009 V	1.0916 V	1.1105 V
260 kHz	1.1015 V	1.0910 V	1.1099 V
280 kHz	1.1010 V	1.0910 V	1.1105 V
300 kHz	1.1017 V	1.0928 V	1.1099 V
320 kHz	1.1014 V	1.0916 V	1.1123 V
340 kHz	1.1017 V	1.0916 V	1.1099 V
360 kHz	1.1010 V	1.0904 V	1.1123 V
380 kHz	1.1015 V	1.0916 V	1.1117 V
400 kHz	1.1010 V	1.0897 V	1.1111 V
420 kHz	1.1011 V	1.0910 V	1.1123 V
440 kHz	1.1016 V	1.0928 V	1.1117 V
460 kHz	1.1015 V	1.0916 V	1.1111 V
480 kHz	1.1010 V	1.0916 V	1.1123 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 75 %			
Frequency	RMS	Min	Max
1 kHz	1.1015 V	1.0910 V	1.1111 V
2 kHz	1.1015 V	1.0910 V	1.1111 V
3 kHz	1.1015 V	1.0910 V	1.1123 V
4 kHz	1.1016 V	1.0885 V	1.1123 V
5 kHz	1.1016 V	1.0910 V	1.1142 V
6 kHz	1.1015 V	1.0910 V	1.1123 V
7 kHz	1.1016 V	1.0910 V	1.1129 V
8 kHz	1.1015 V	1.0910 V	1.1129 V
9 kHz	1.1016 V	1.0910 V	1.1117 V
10 kHz	1.1016 V	1.0916 V	1.1142 V
20 kHz	1.1015 V	1.0910 V	1.1123 V
30 kHz	1.1015 V	1.0916 V	1.1123 V
40 kHz	1.1008 V	1.0916 V	1.1111 V
50 kHz	1.1015 V	1.0910 V	1.1111 V
60 kHz	1.1008 V	1.0904 V	1.1123 V
70 kHz	1.1009 V	1.0904 V	1.1129 V
80 kHz	1.1009 V	1.0904 V	1.1111 V
90 kHz	1.1008 V	1.0904 V	1.1111 V
100 kHz	1.1015 V	1.0910 V	1.1123 V
120 kHz	1.1008 V	1.0904 V	1.1123 V
140 kHz	1.1009 V	1.0910 V	1.1123 V
160 kHz	1.1013 V	1.0916 V	1.1123 V
180 kHz	1.1013 V	1.0910 V	1.1123 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Duty 75 %			
Frequency	RMS	Min	Max
200 kHz	1.1008 V	1.0904 V	1.1129 V
220 kHz	1.1009 V	1.0910 V	1.1105 V
240 kHz	1.1013 V	1.0910 V	1.1123 V
260 kHz	1.1016 V	1.0922 V	1.1129 V
280 kHz	1.1015 V	1.0910 V	1.1123 V
300 kHz	1.1016 V	1.0916 V	1.1099 V
320 kHz	1.1008 V	1.0910 V	1.1099 V
340 kHz	1.1009 V	1.0885 V	1.1081 V
360 kHz	1.1009 V	1.0904 V	1.1123 V
380 kHz	1.1008 V	1.0910 V	1.1111 V
400 kHz	1.1015 V	1.0916 V	1.1123 V
420 kHz	1.1008 V	1.0904 V	1.1123 V
440 kHz	1.1009 V	1.0904 V	1.1111 V
460 kHz	1.1015 V	1.0916 V	1.1123 V
480 kHz	1.1013 V	1.0916 V	1.1123 V



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

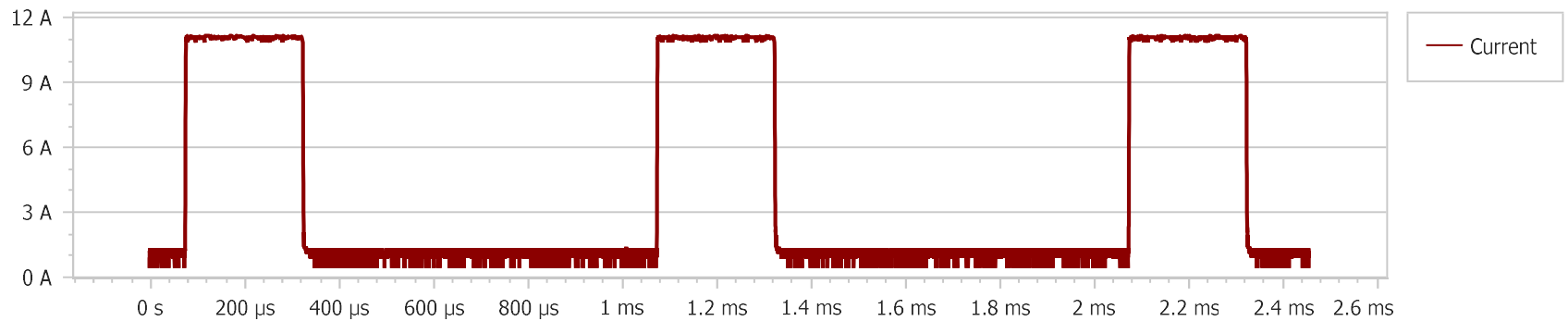
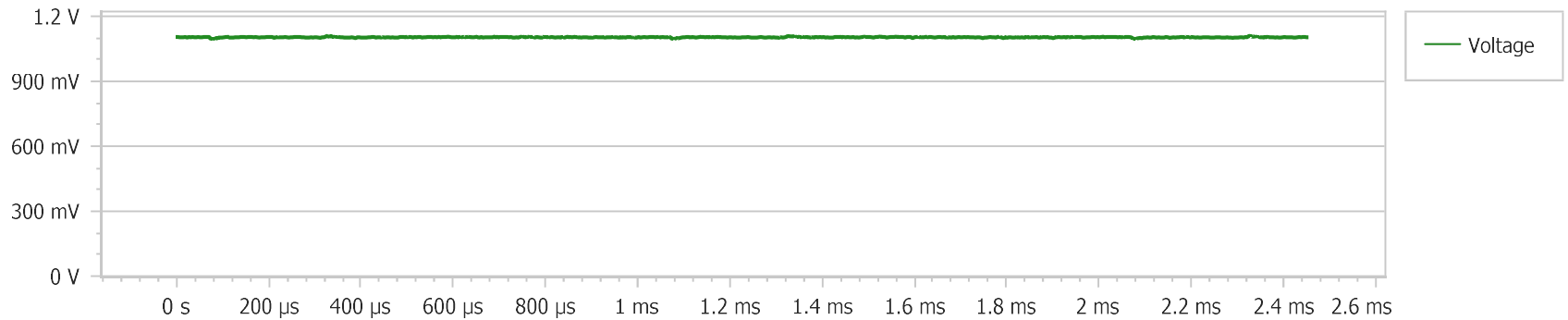
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

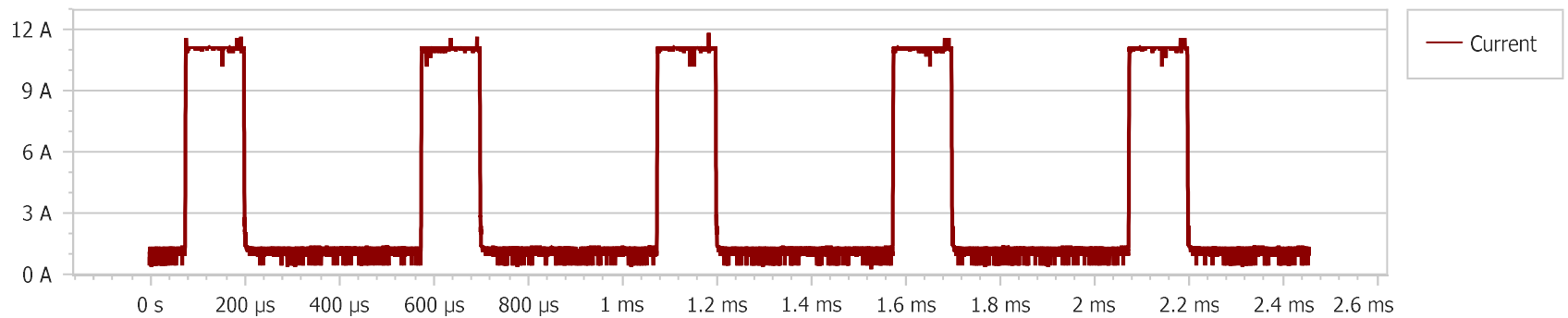
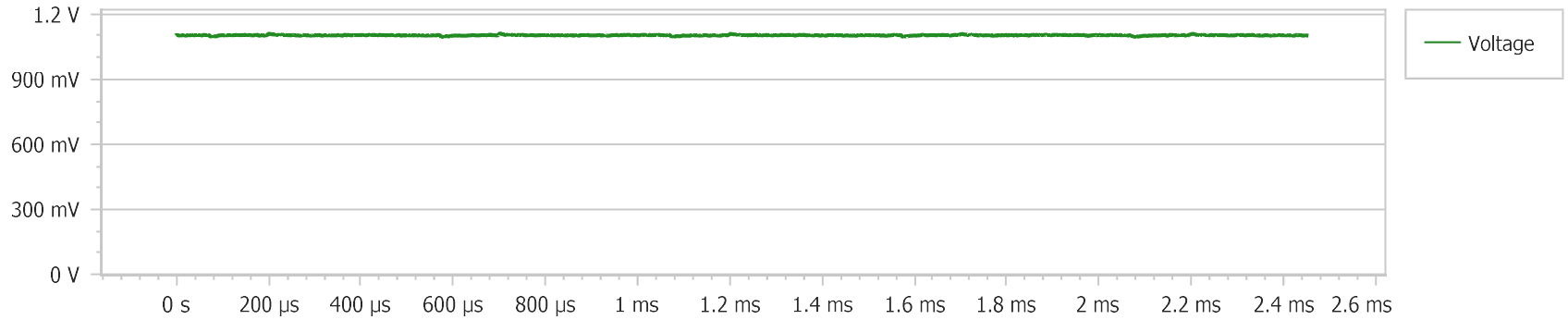
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

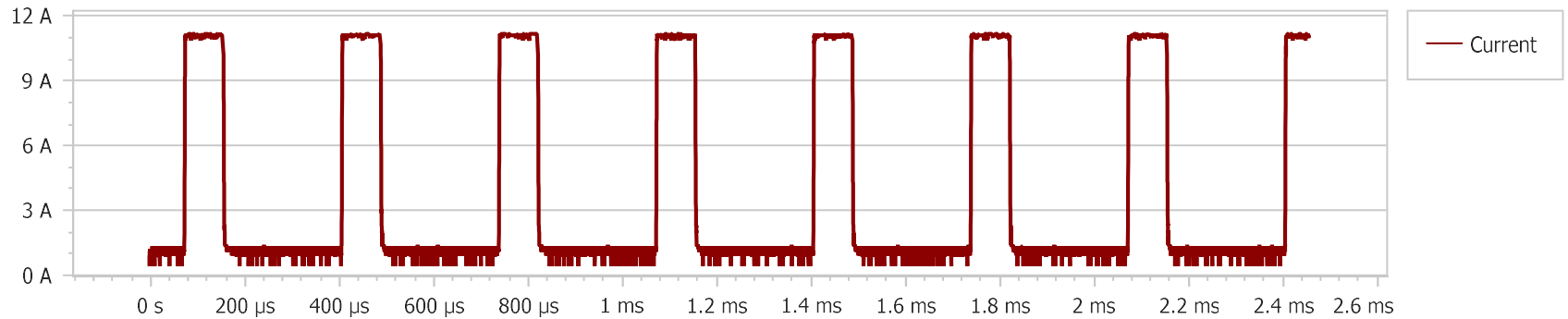
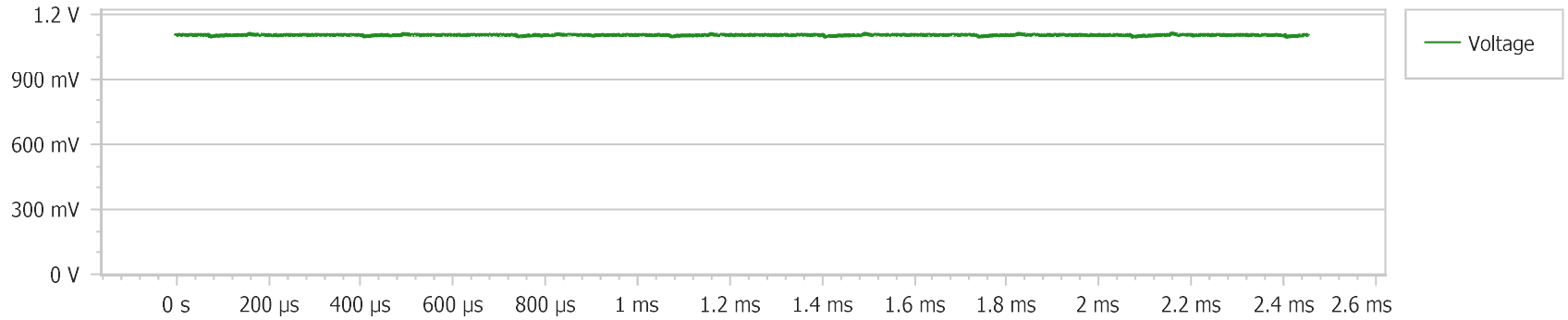
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

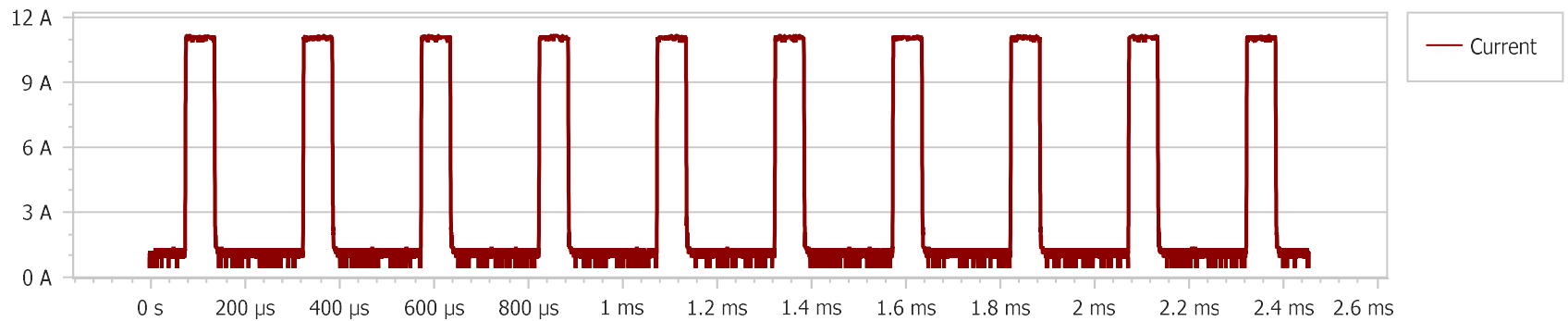
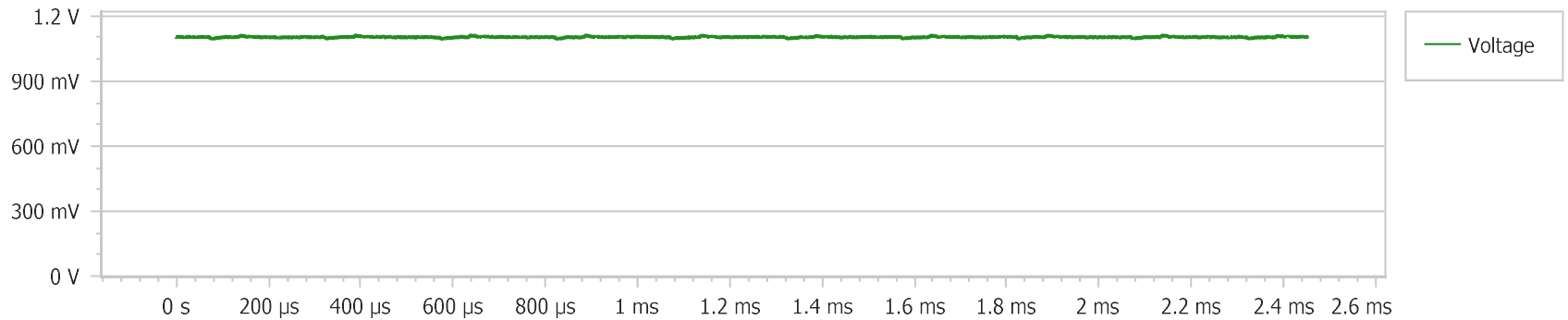
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

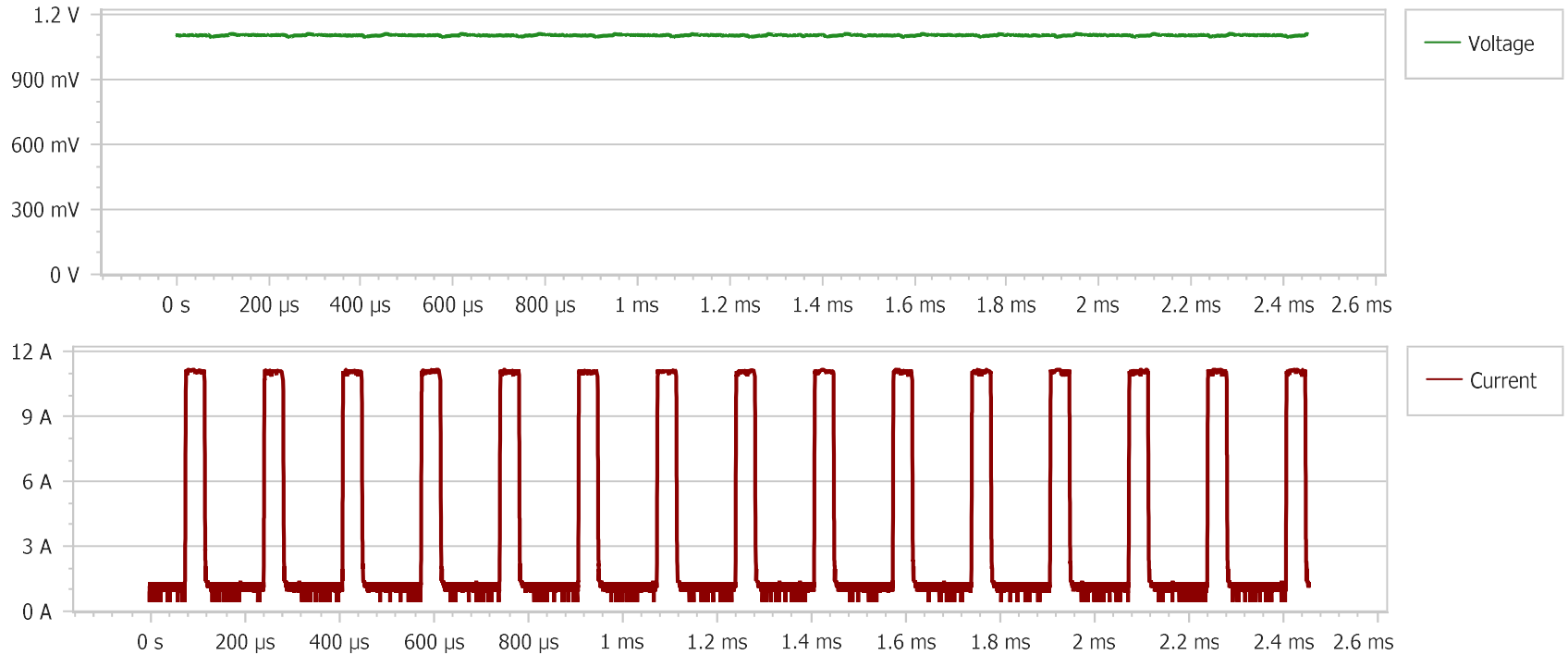
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

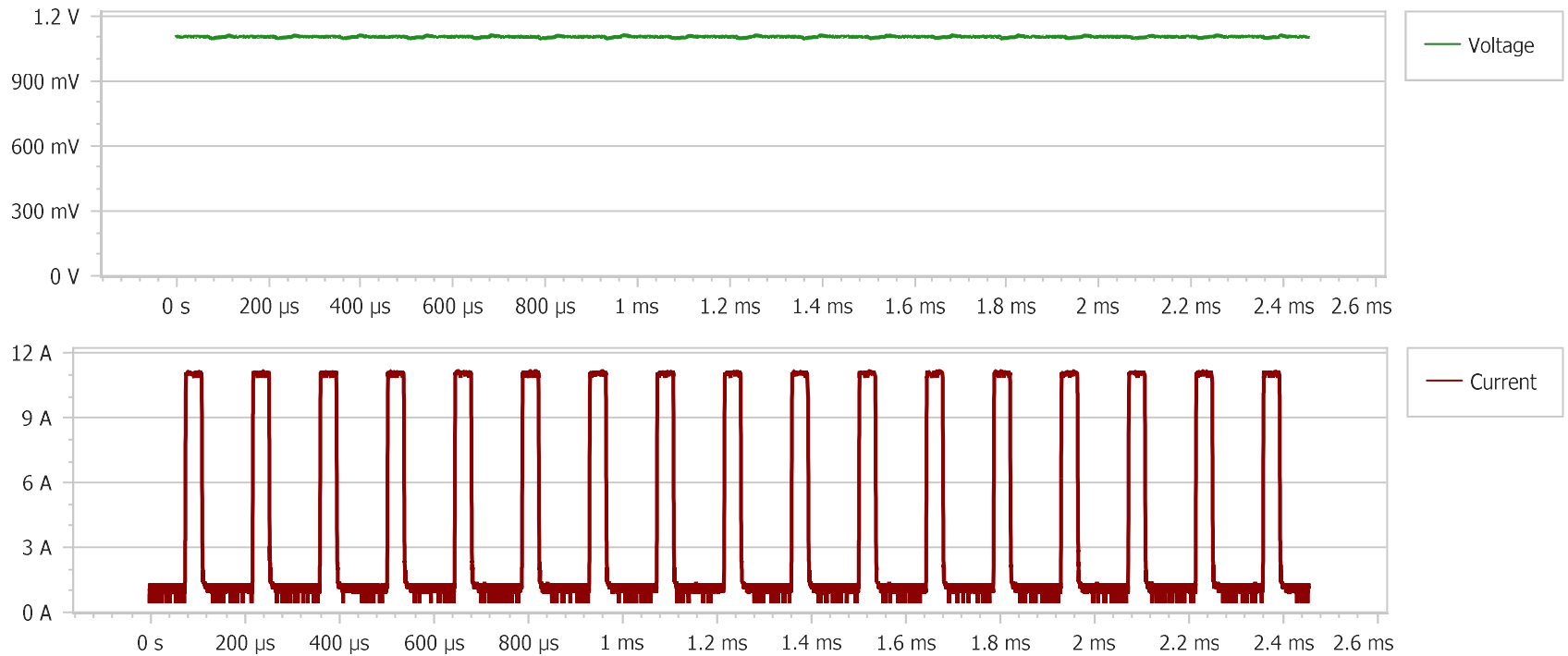
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

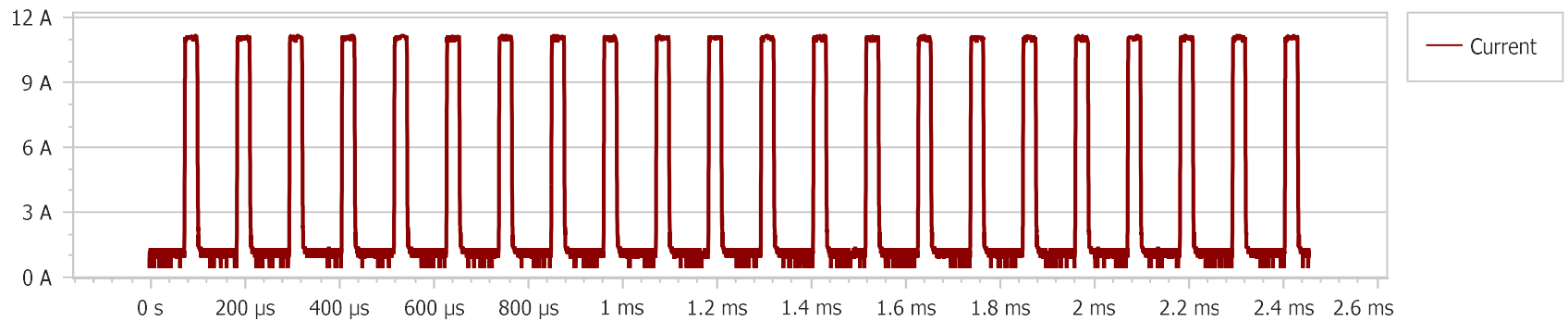
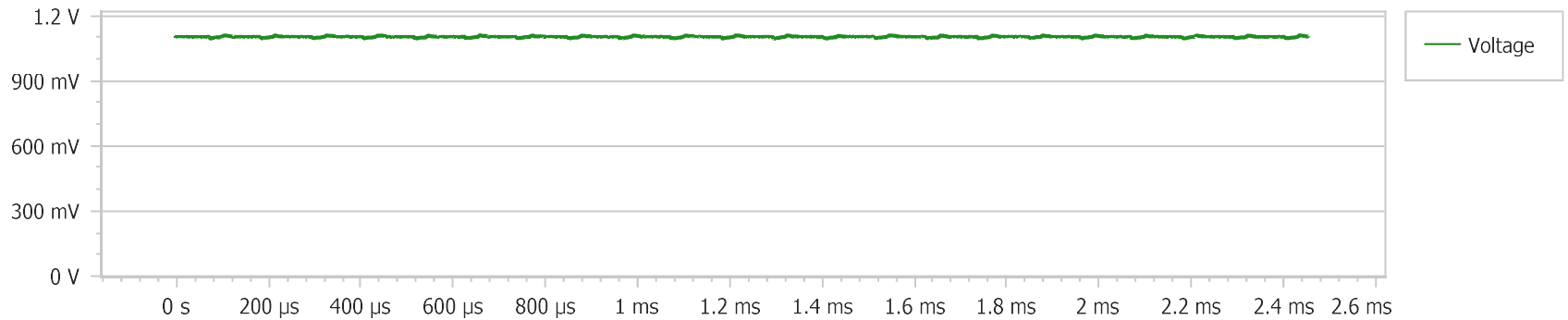
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

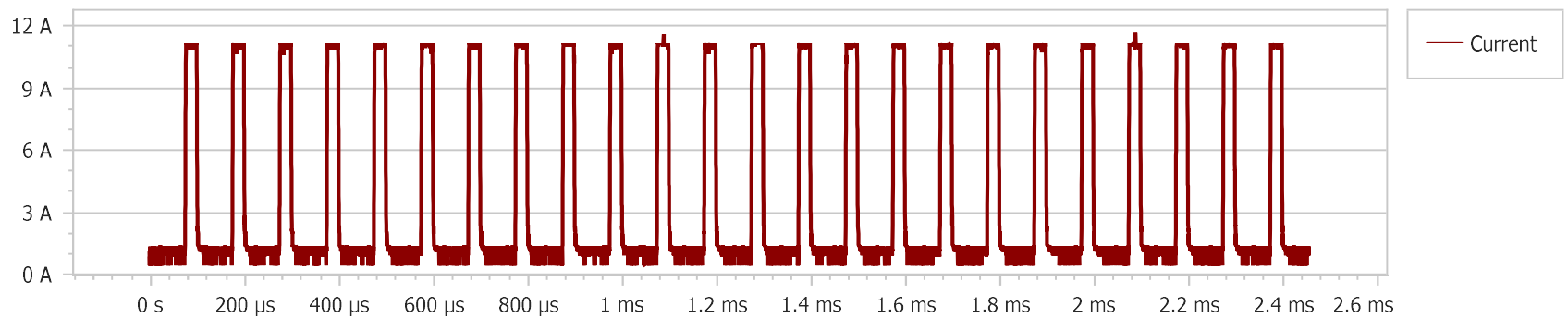
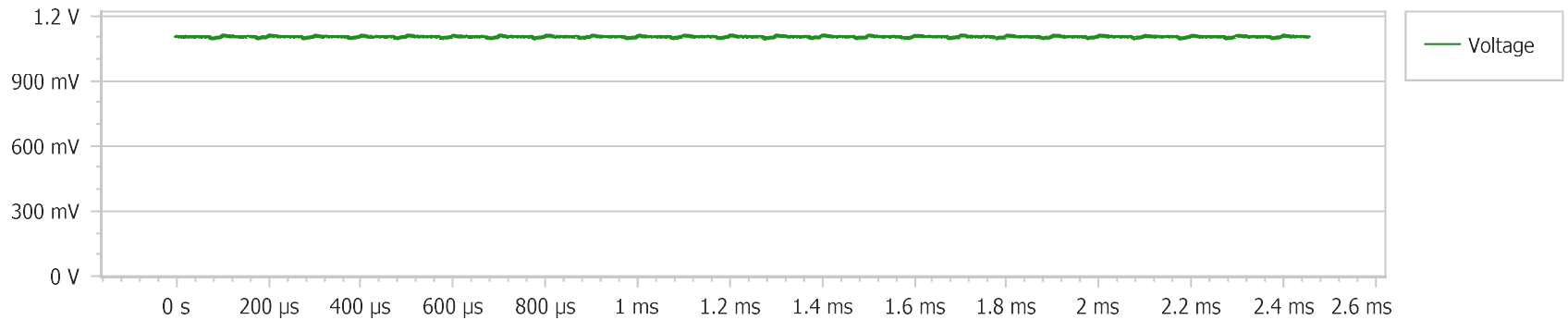
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

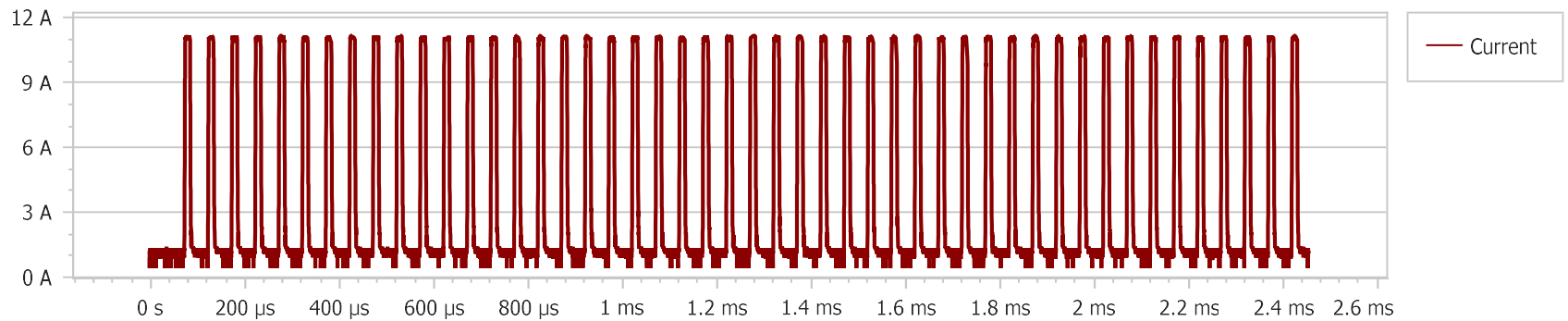
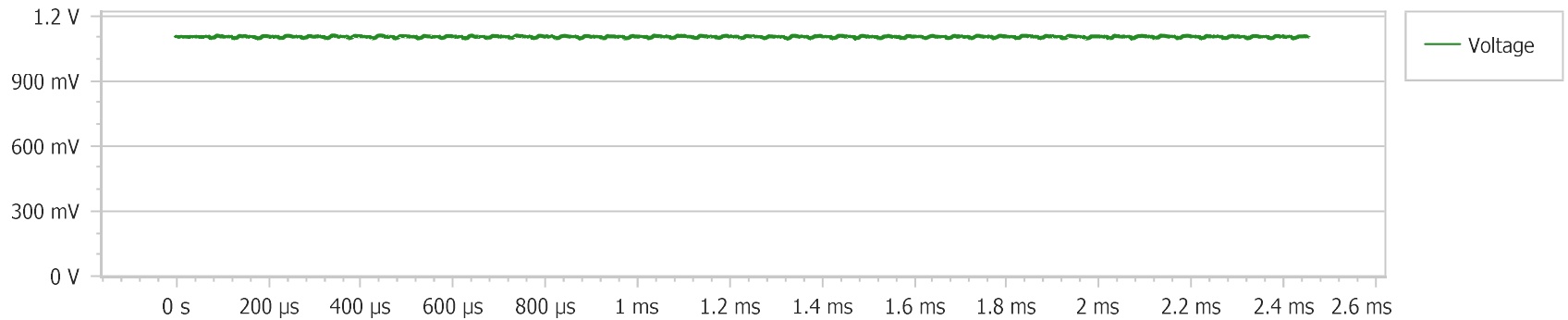
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

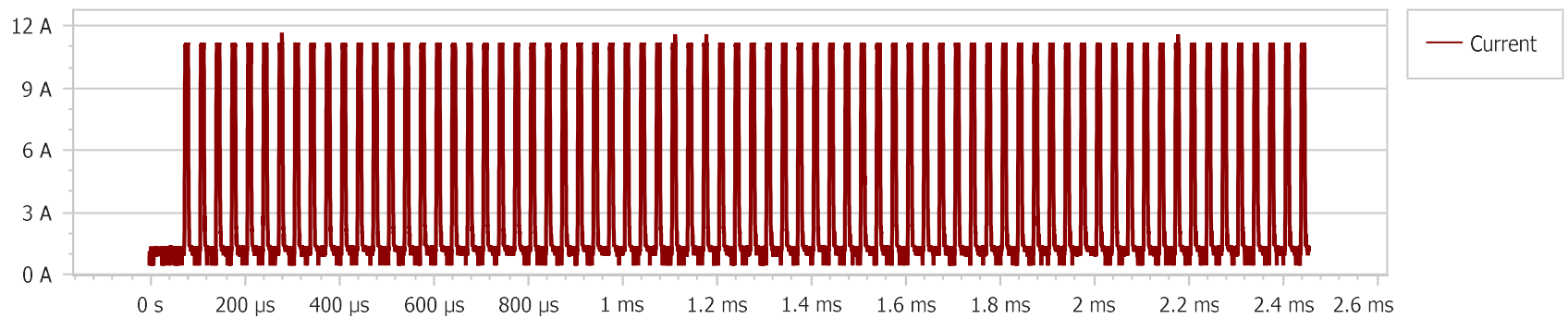
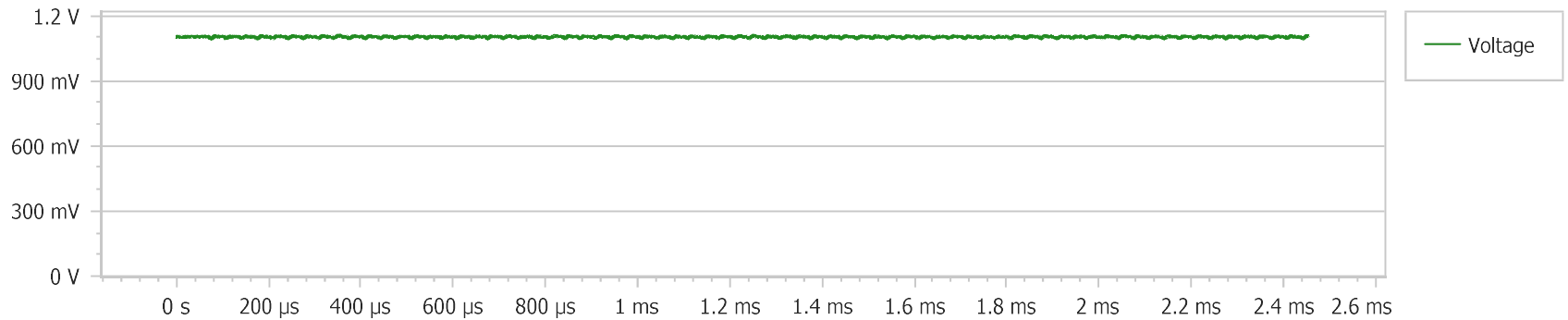
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

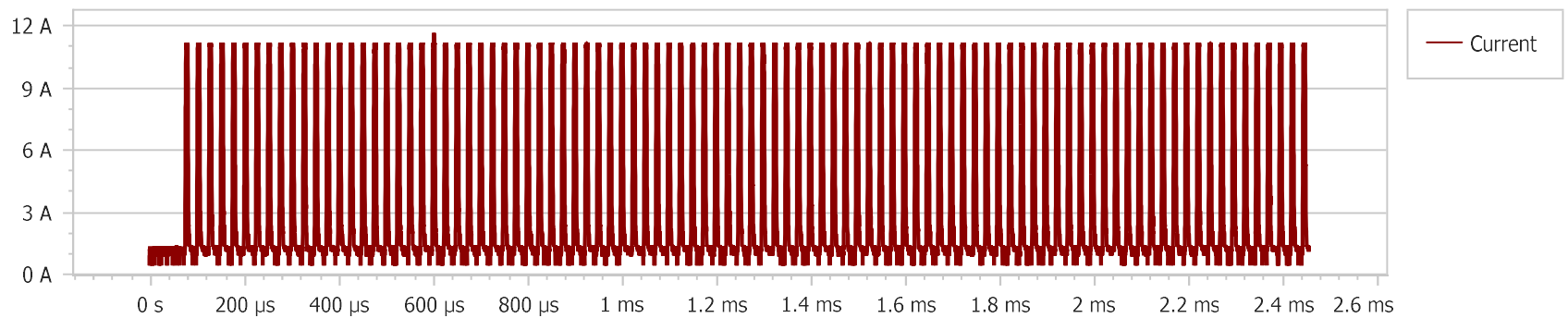
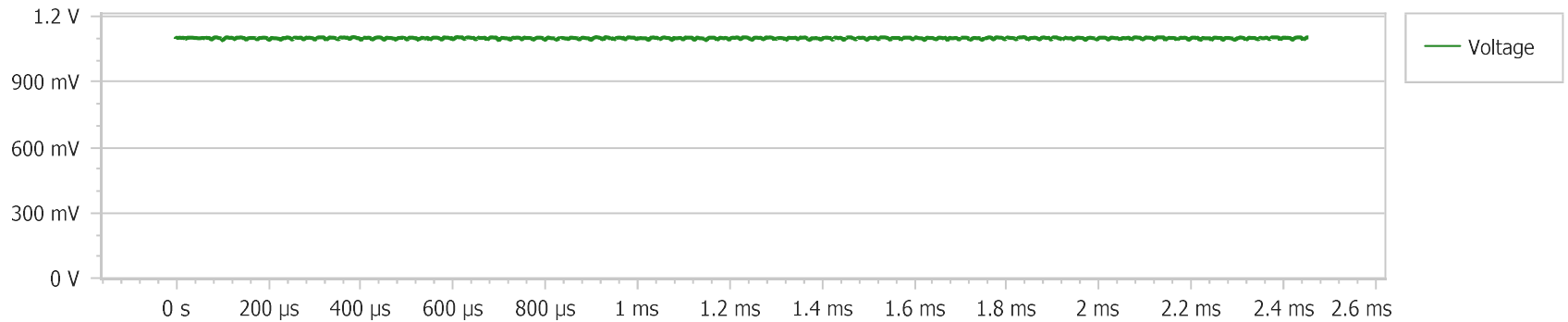
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

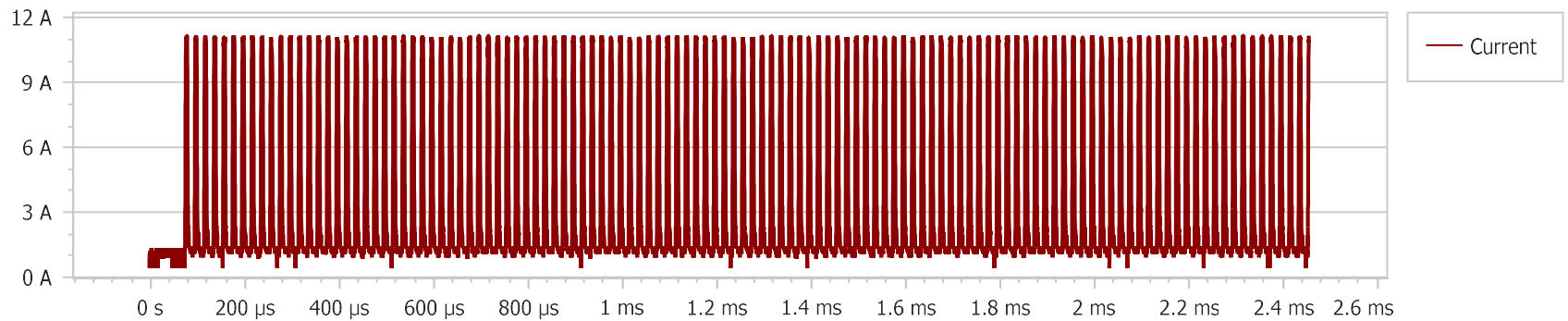
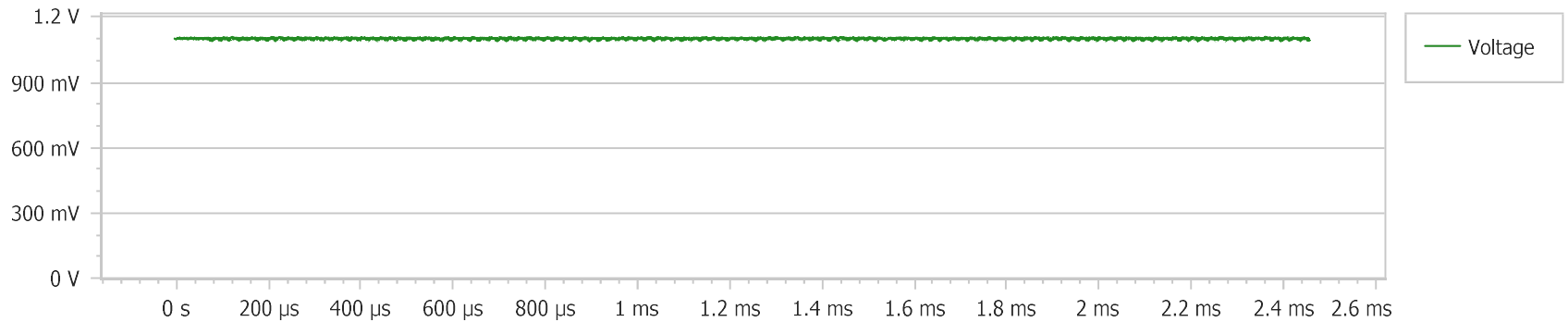
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

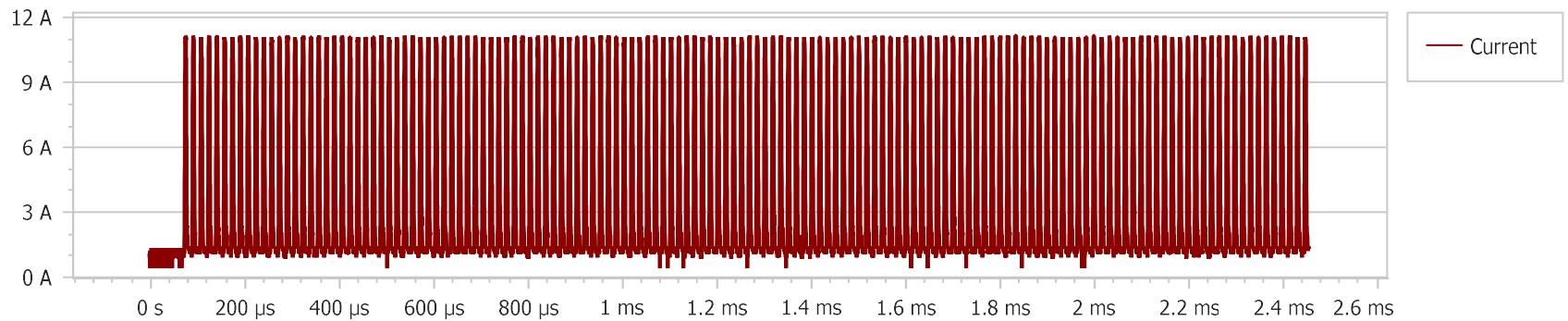
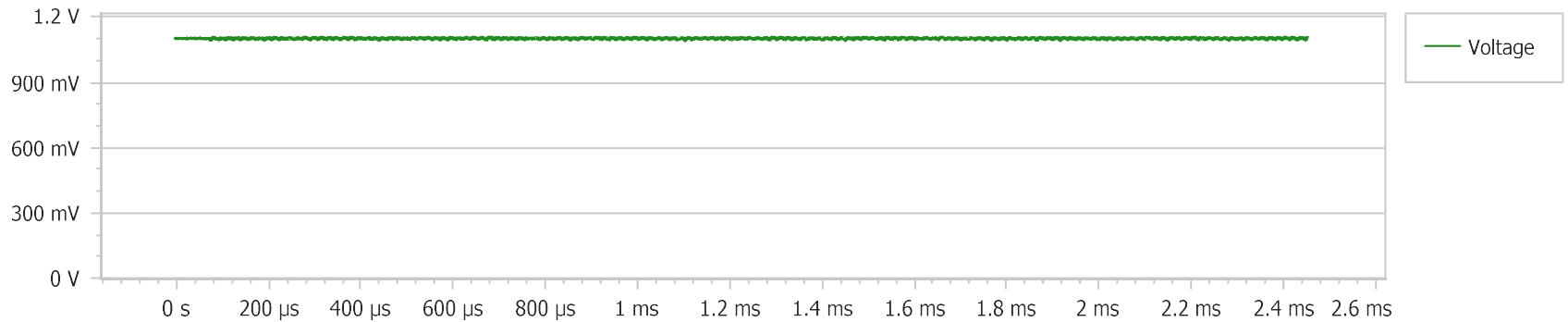
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

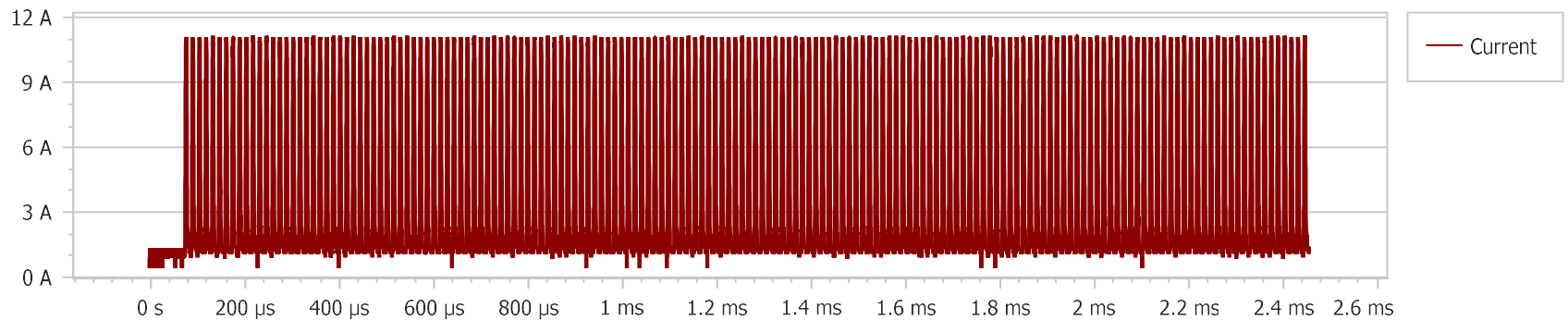
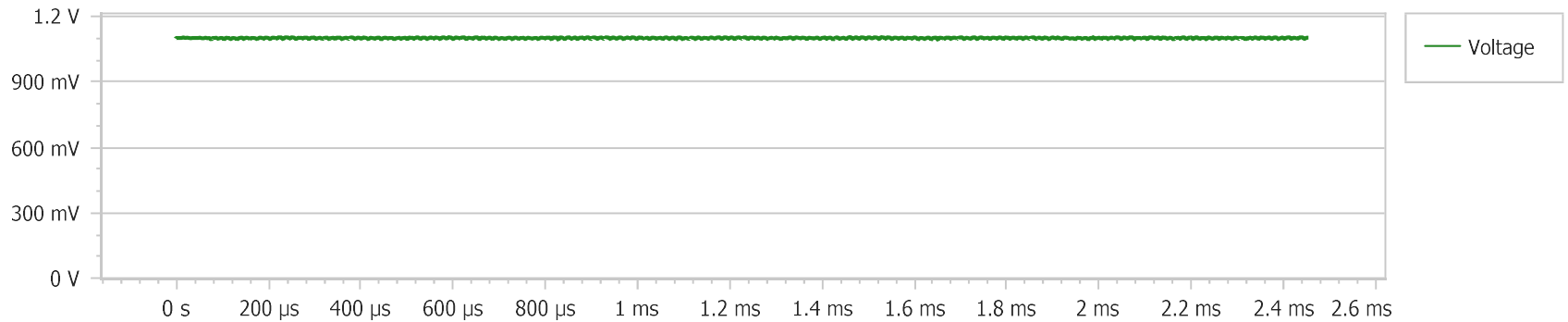
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

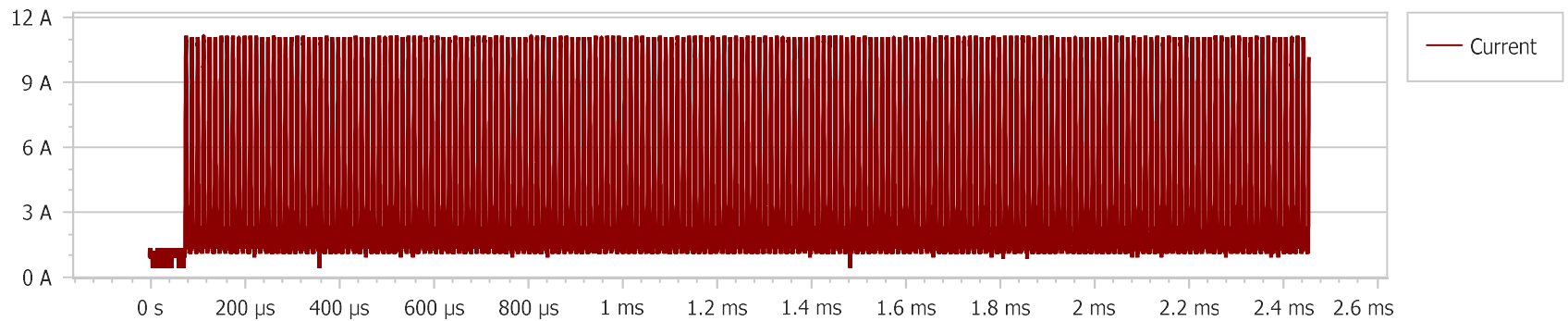
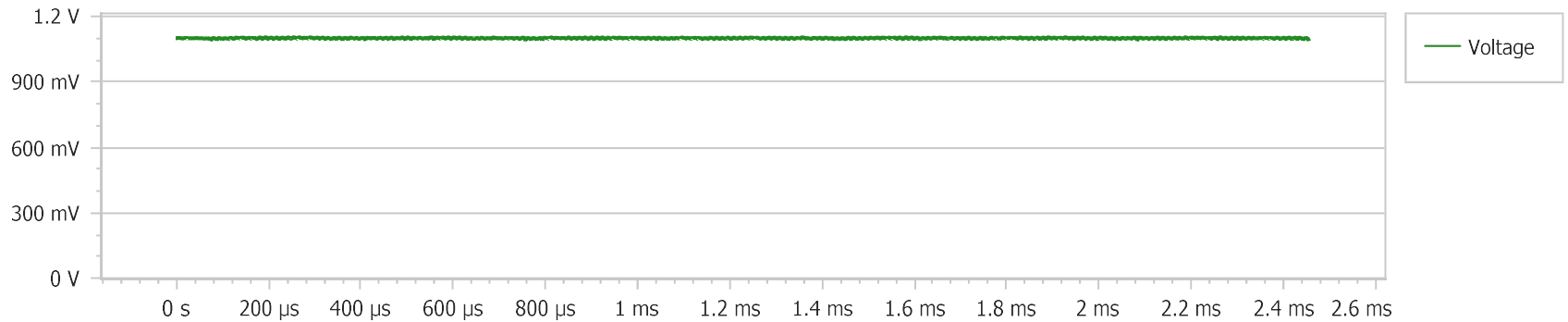
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

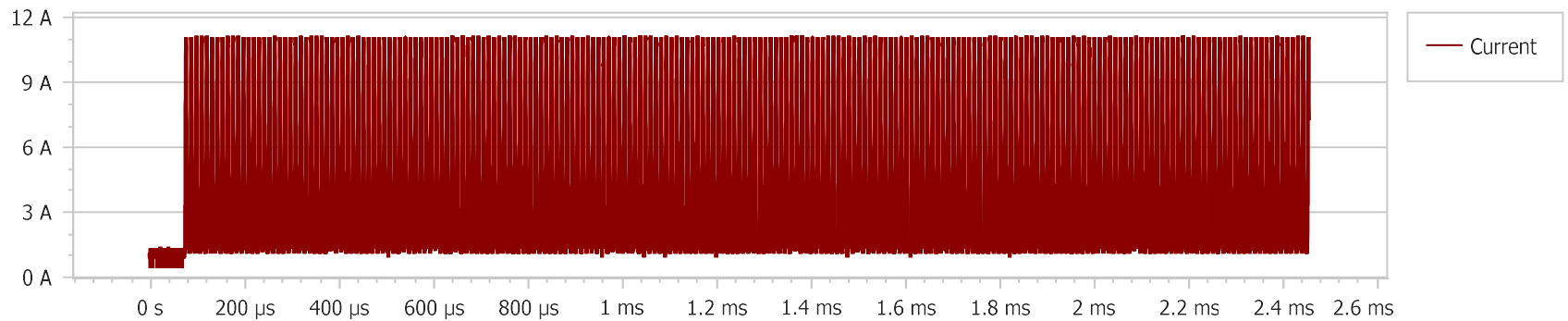
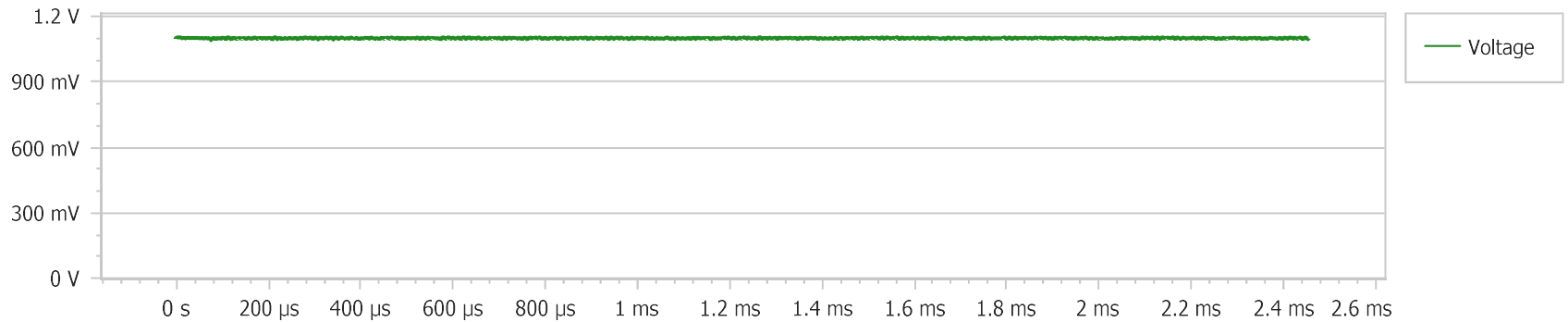
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

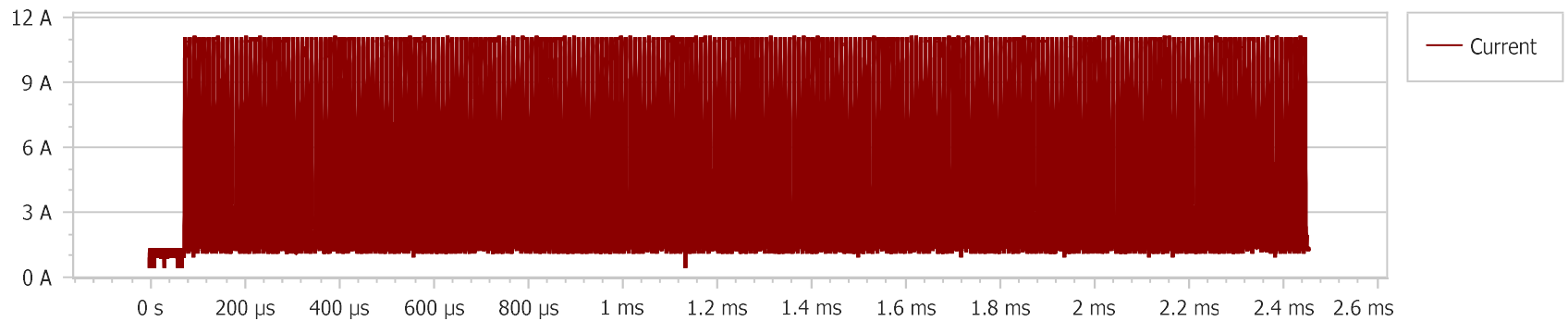
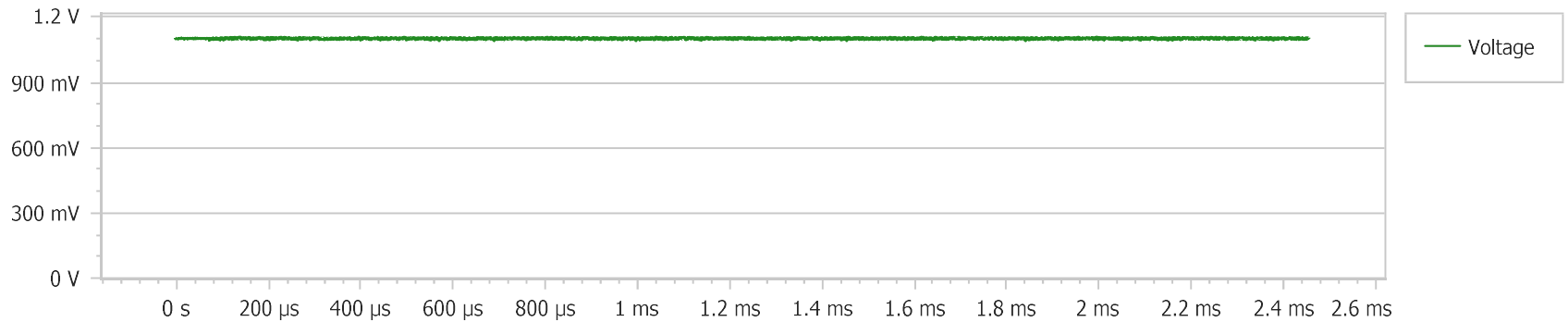
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

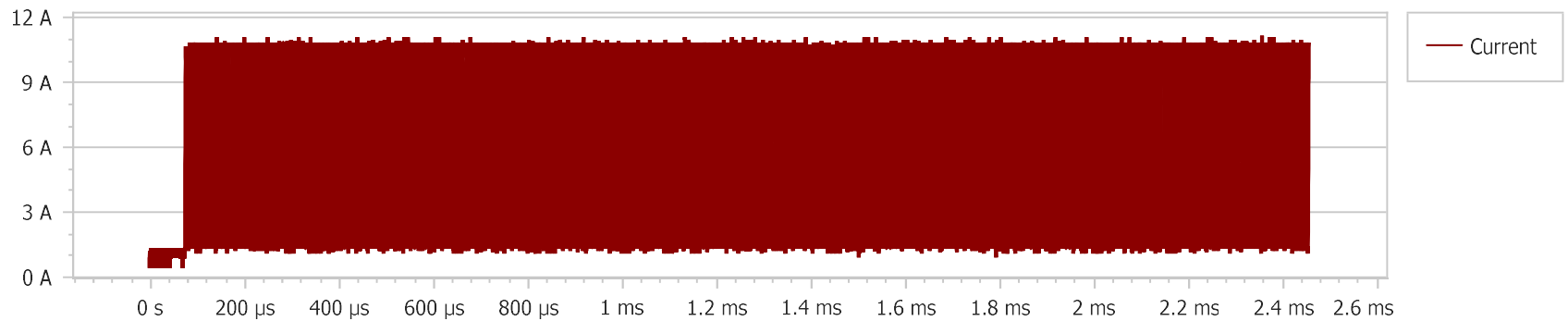
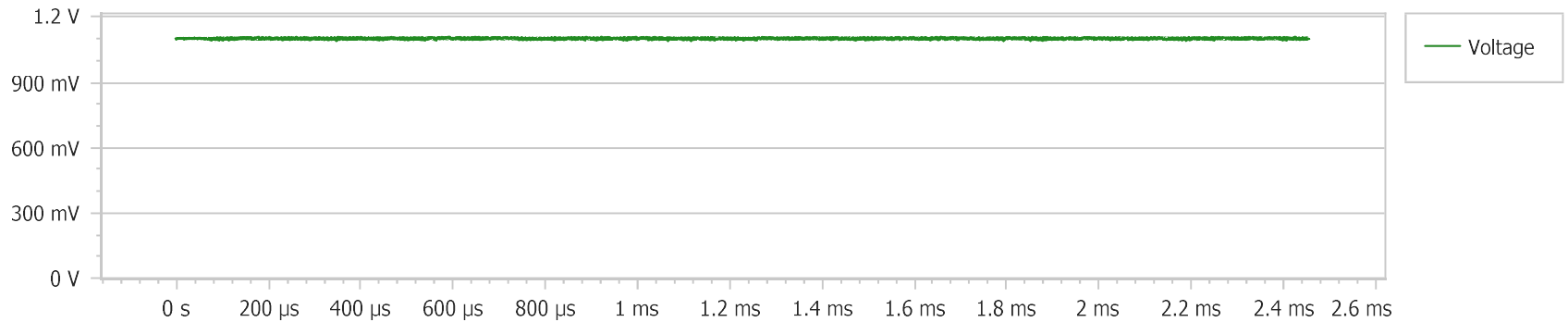
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

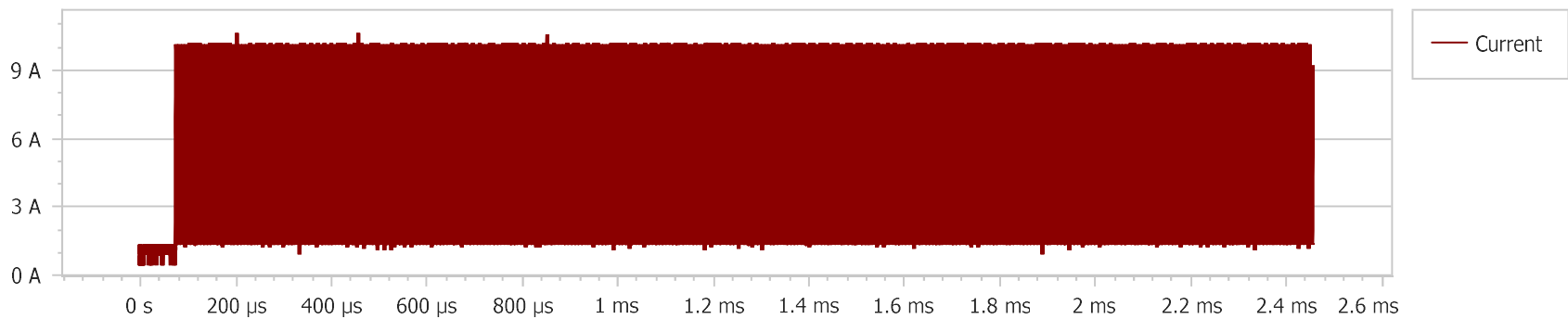
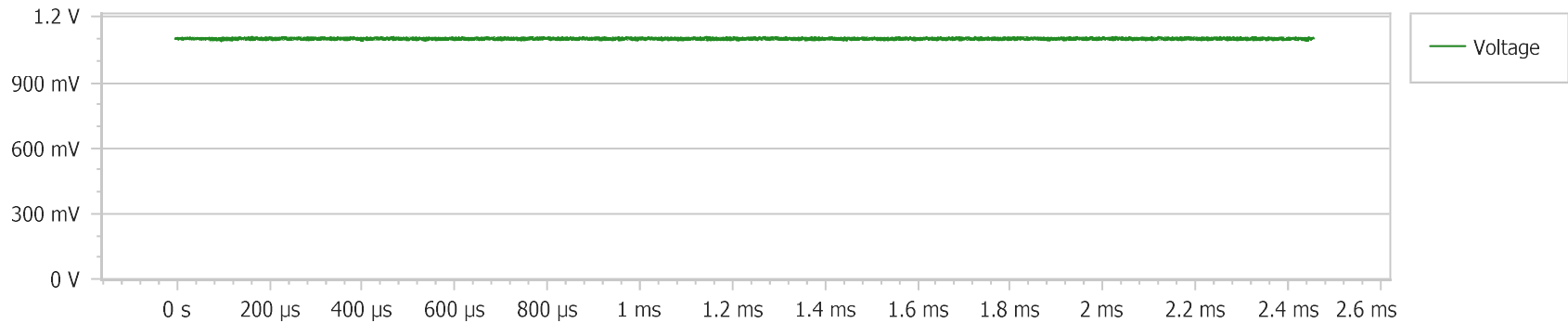
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

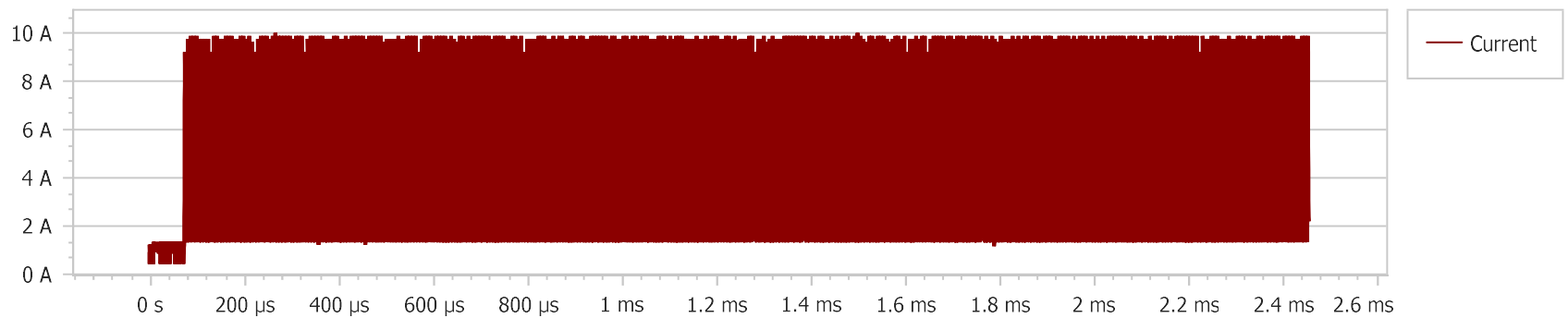
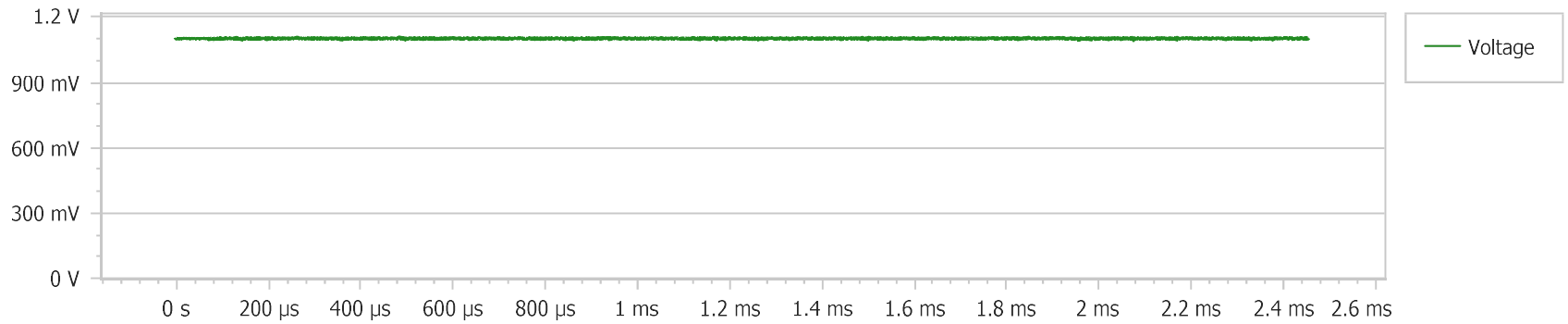
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

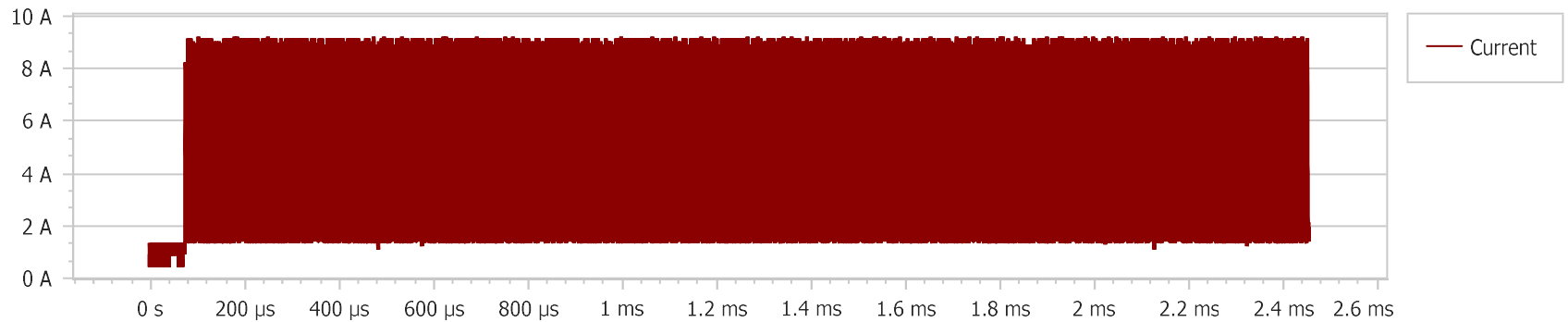
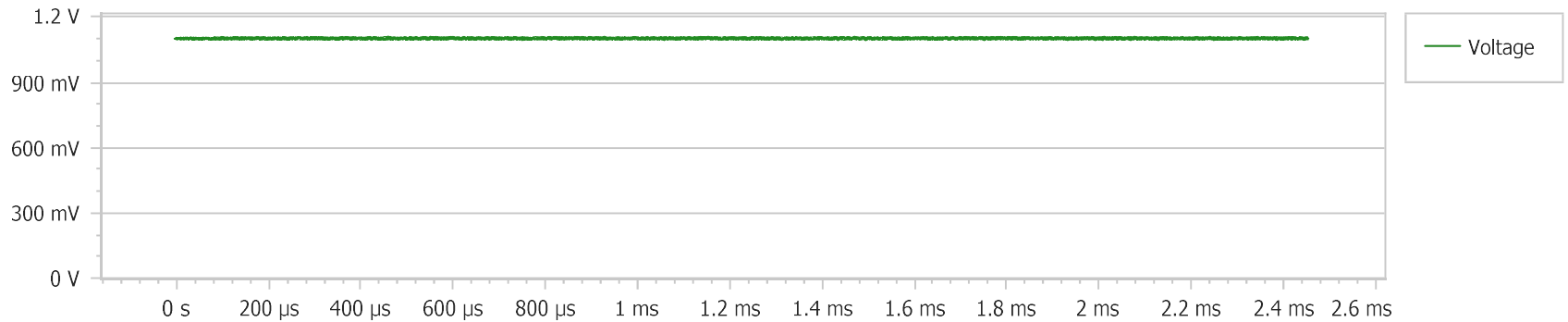
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

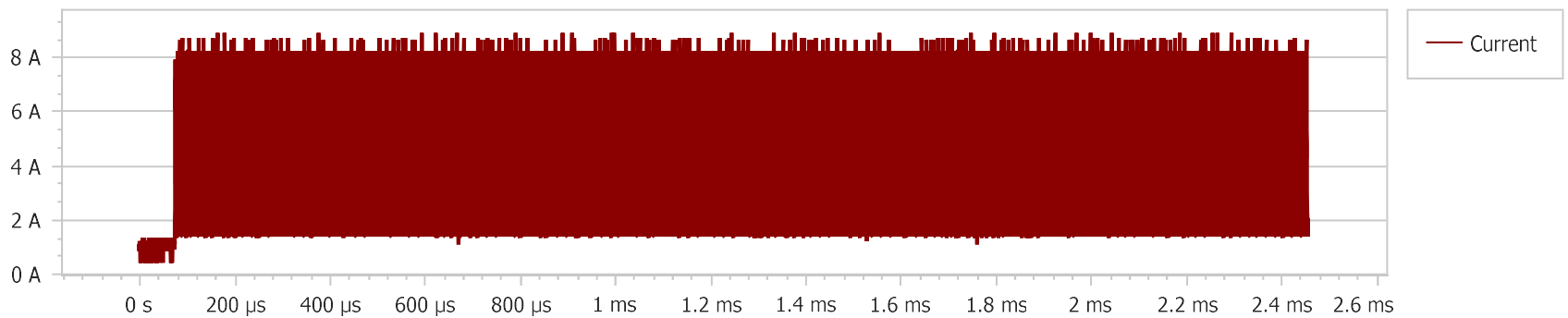
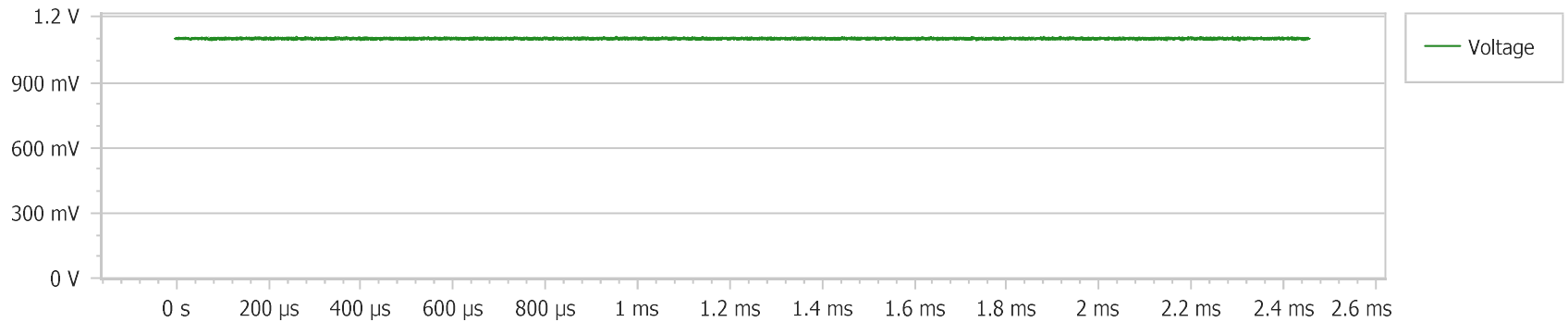
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

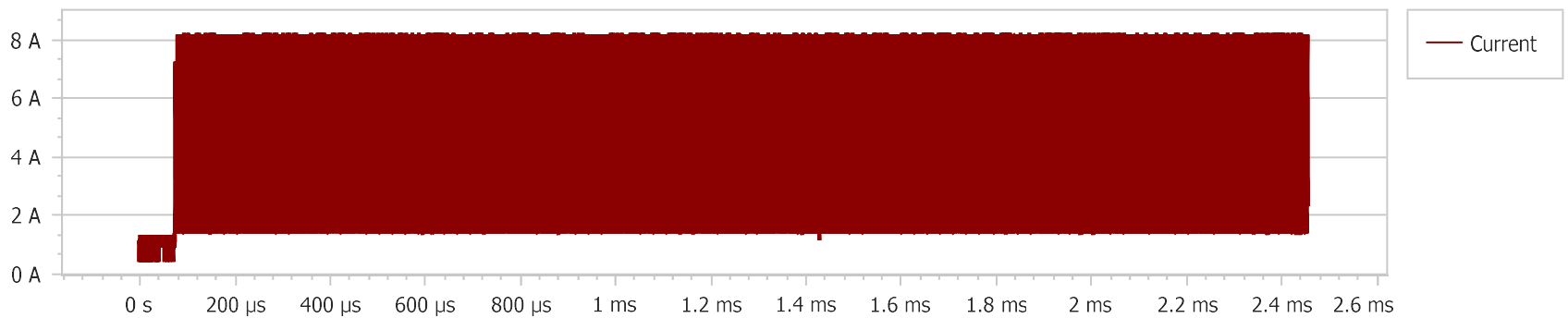
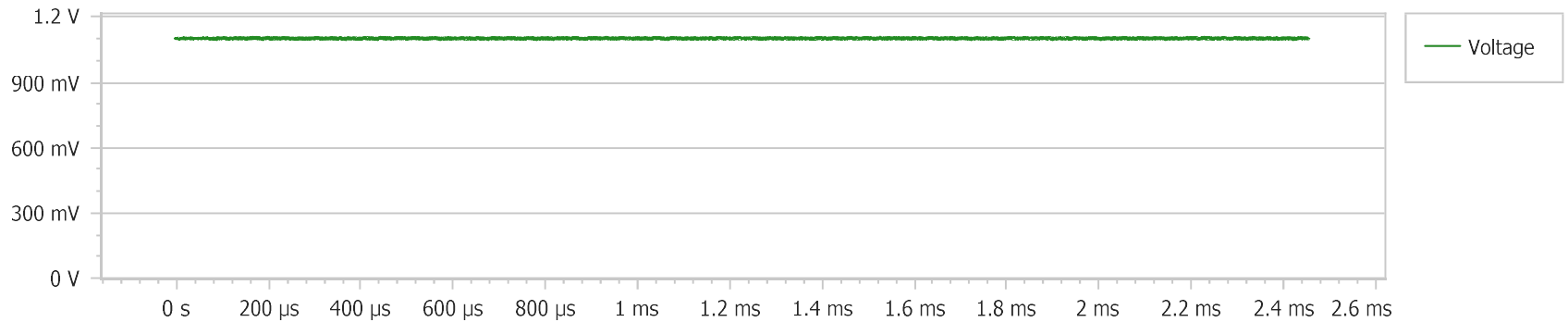
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

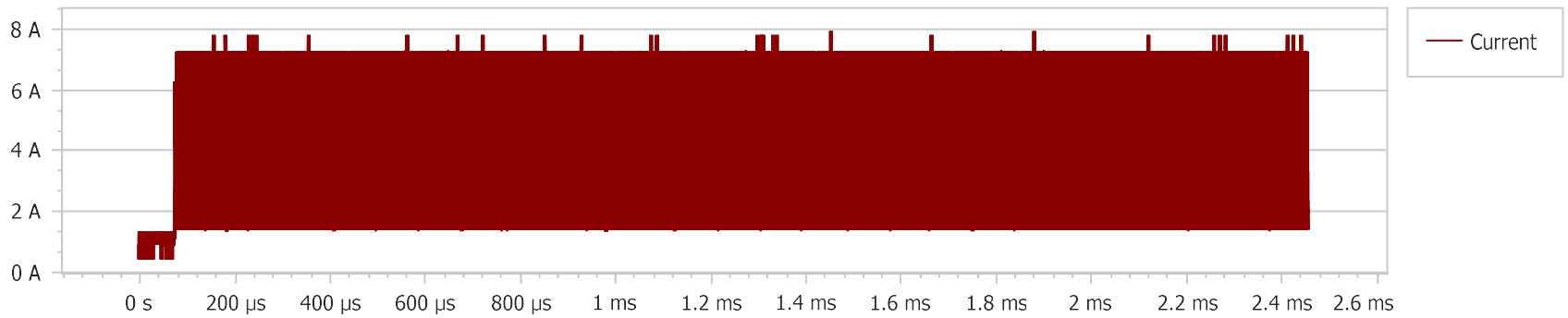
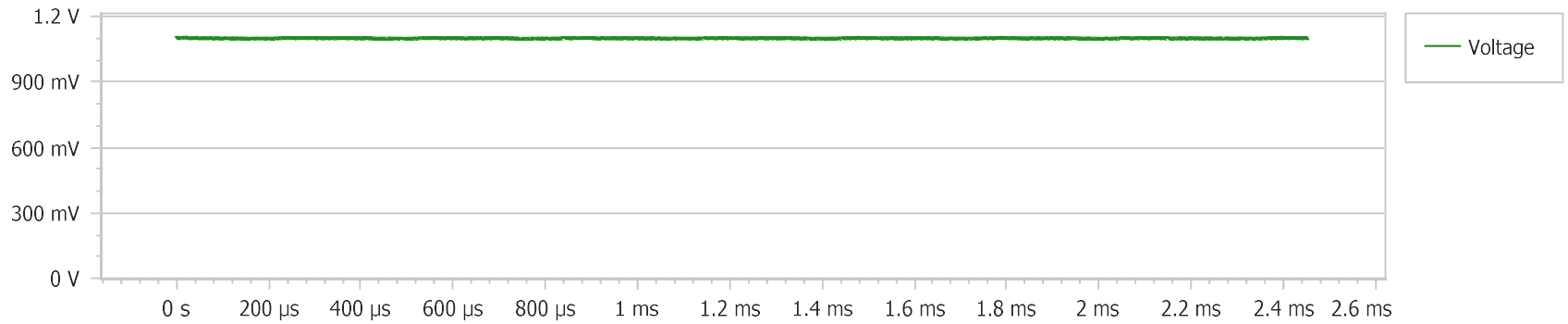
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

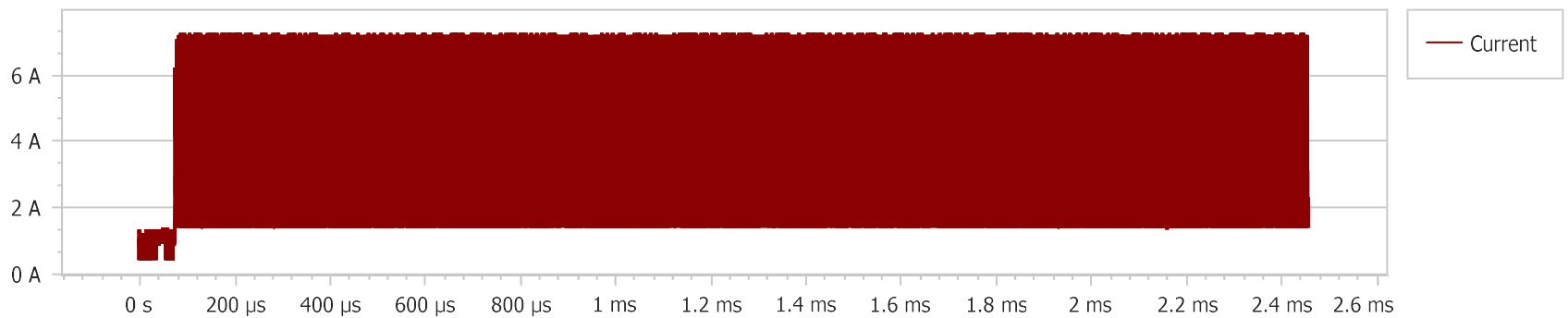
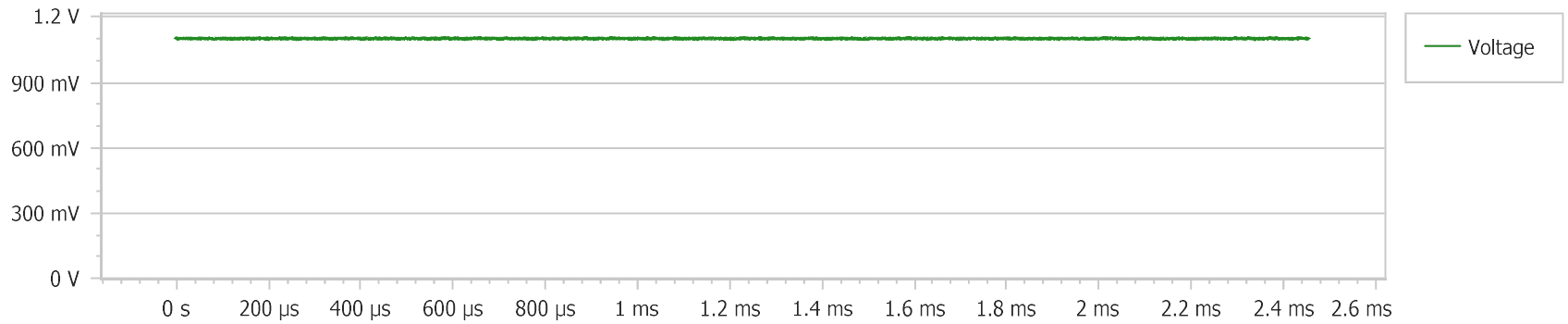
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

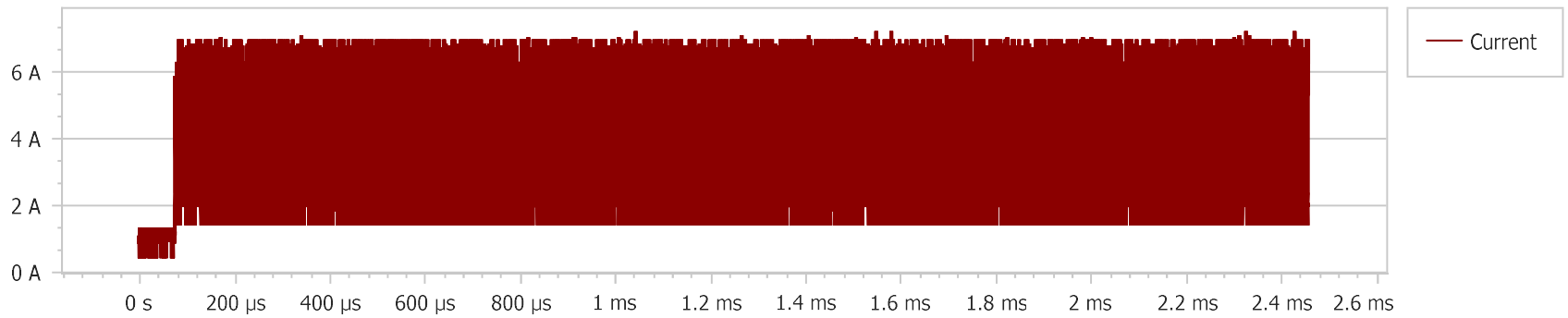
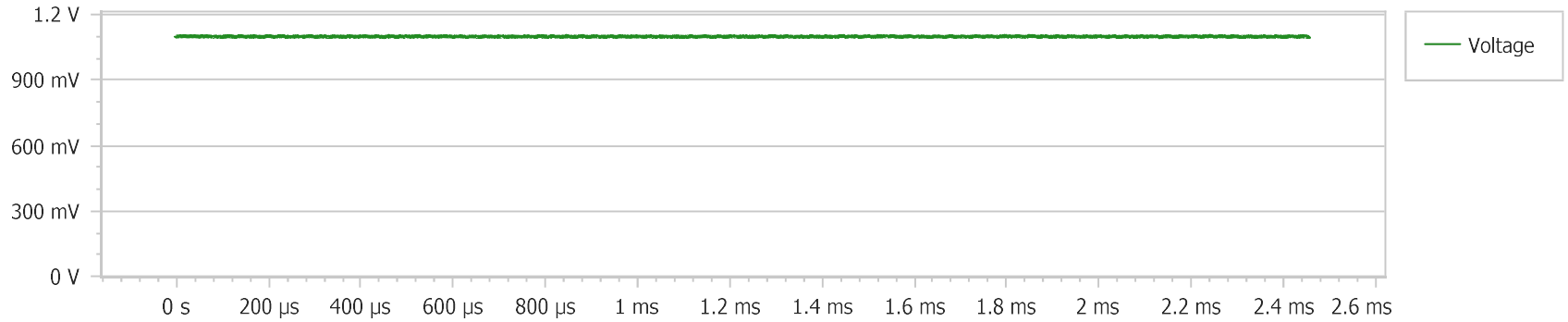
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

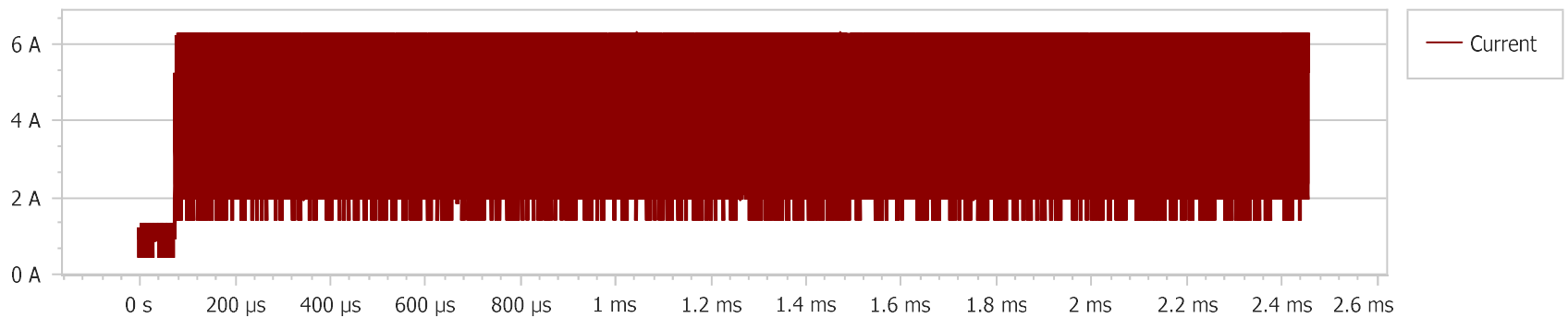
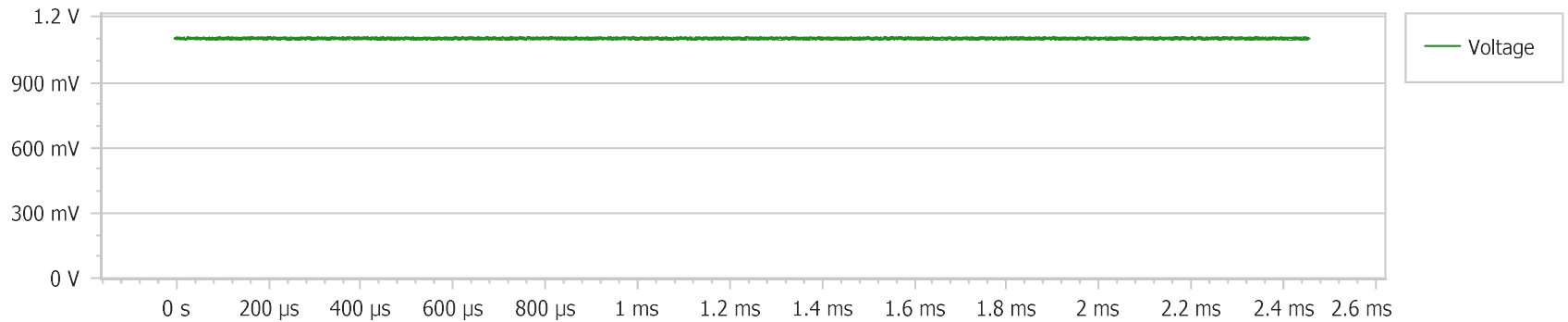
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

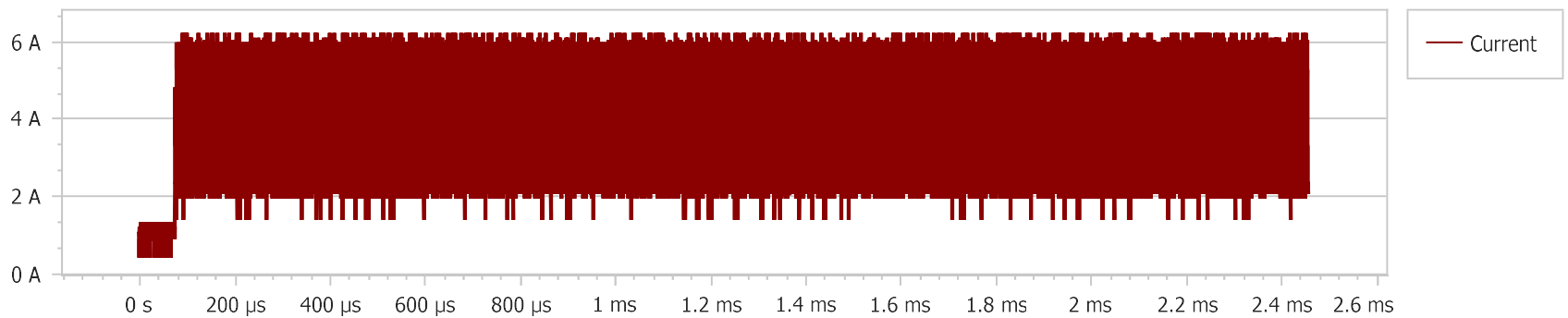
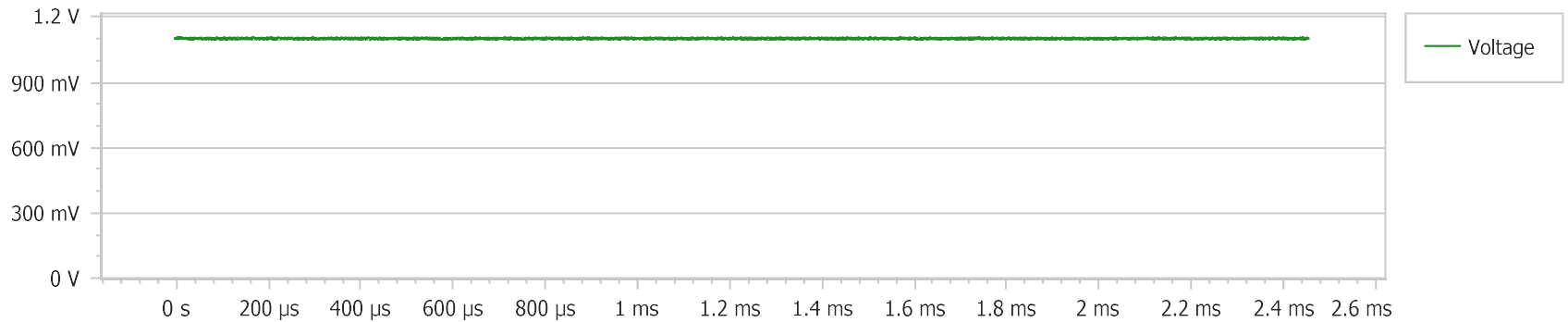
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

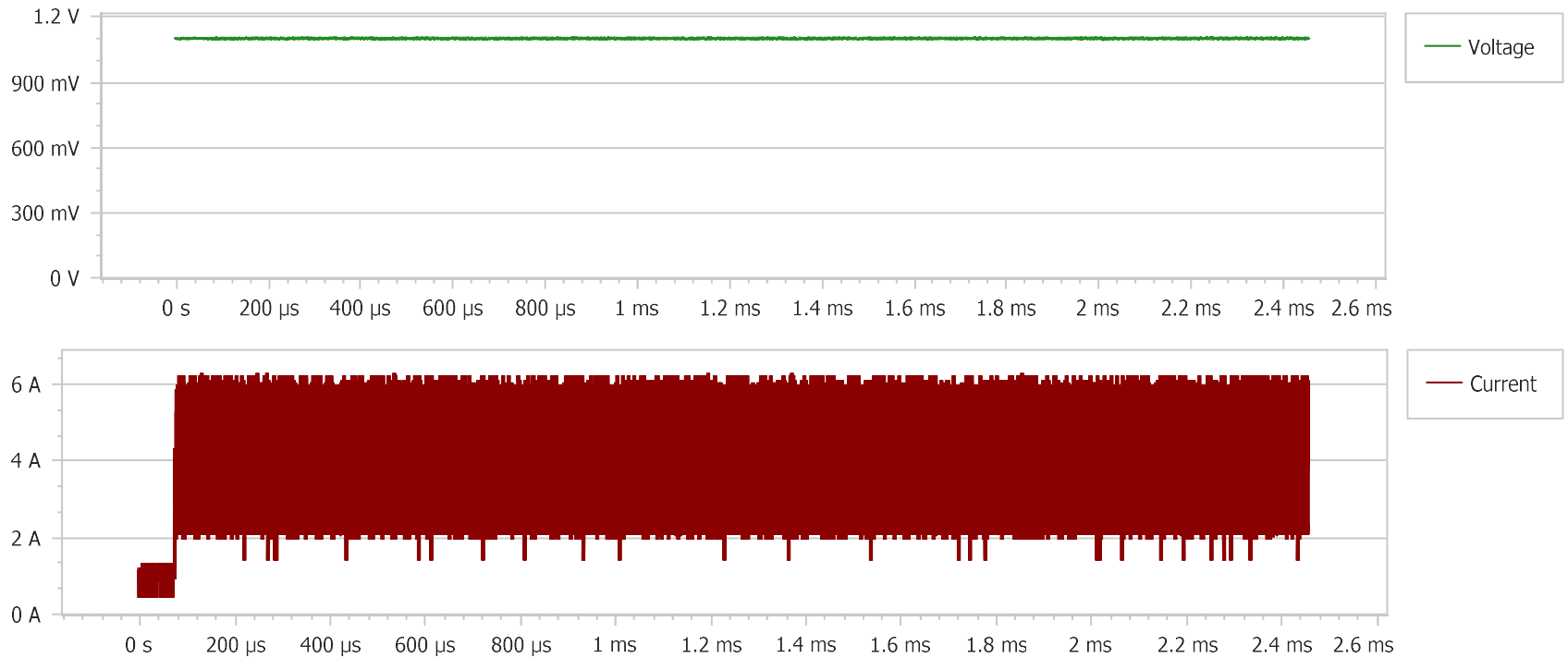
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

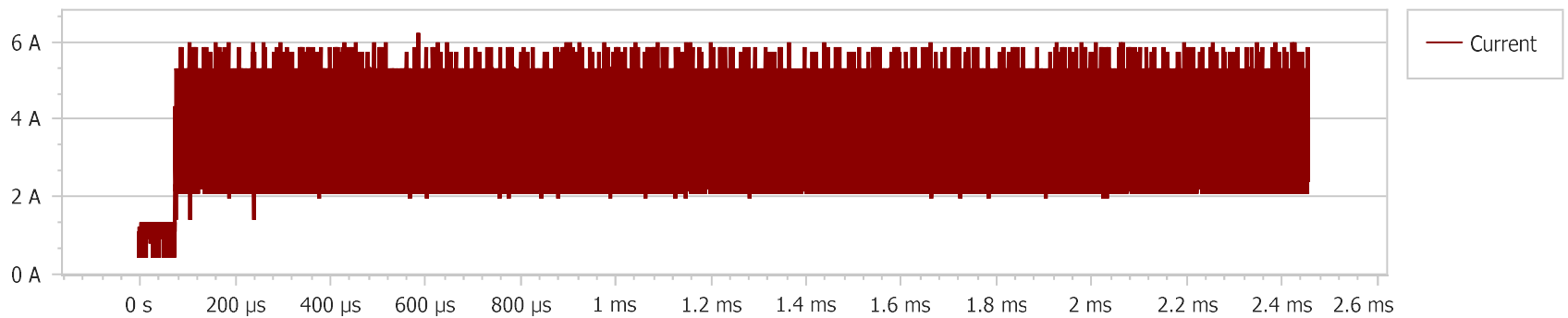
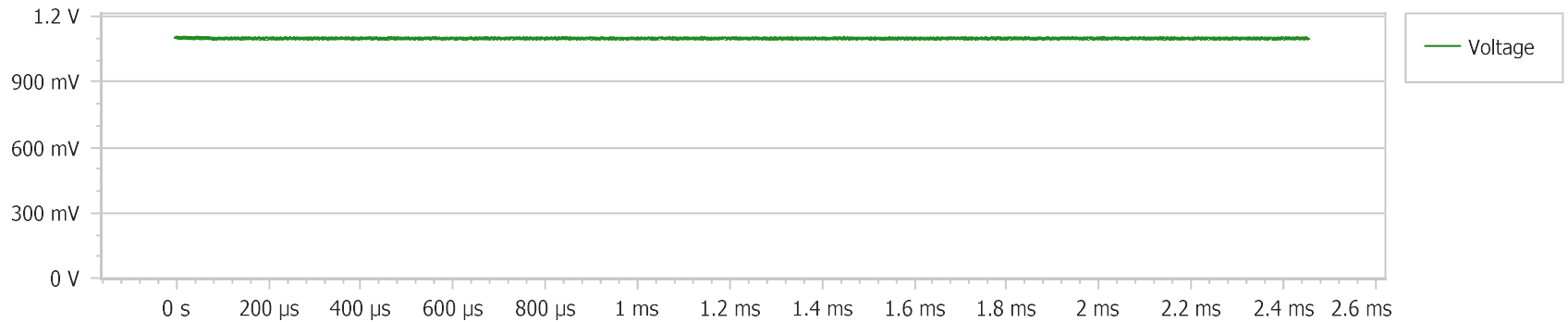
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

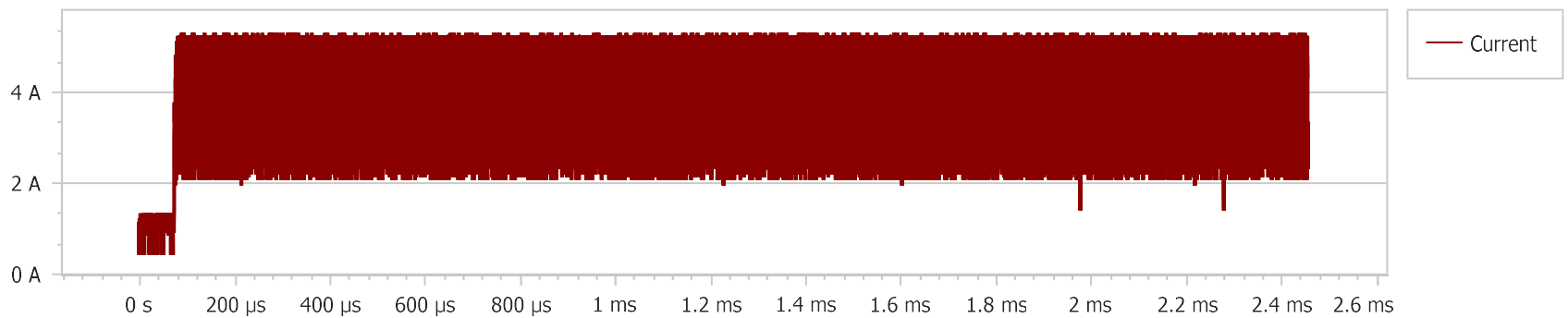
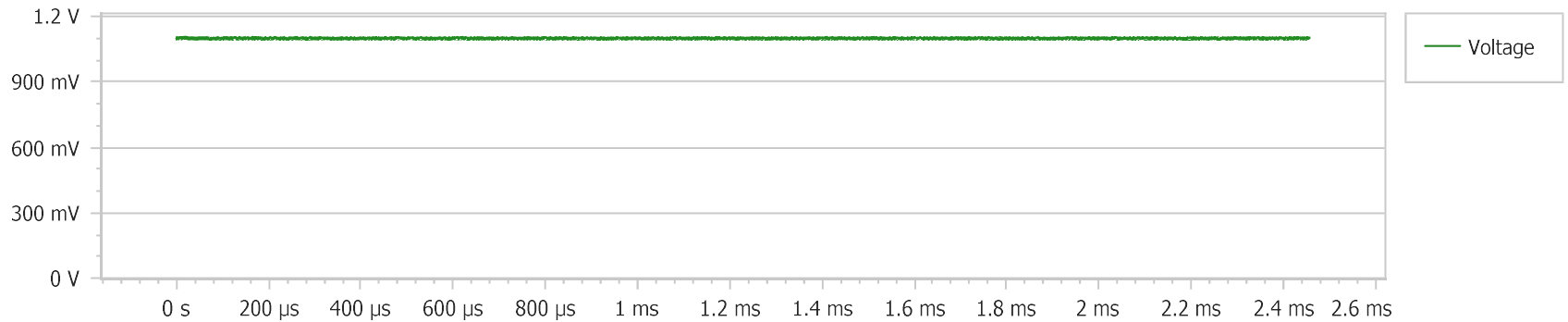
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

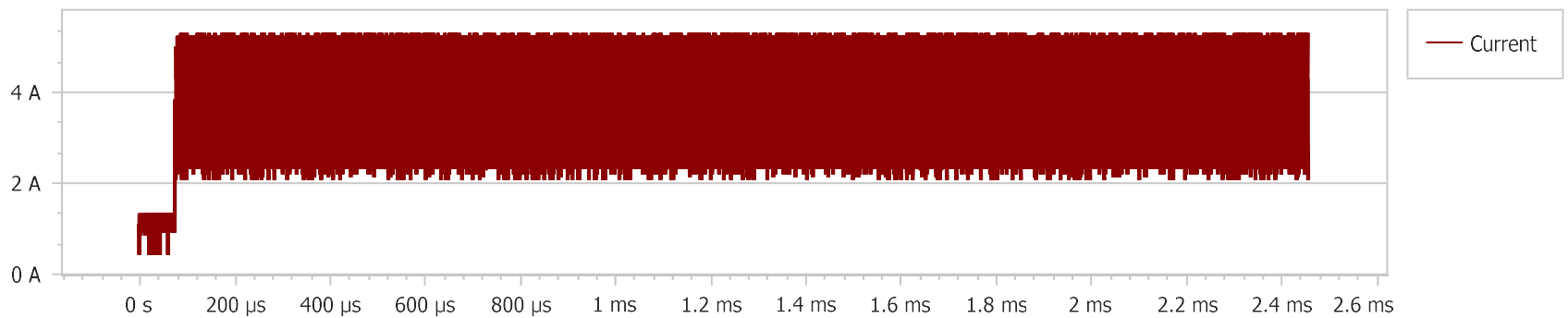
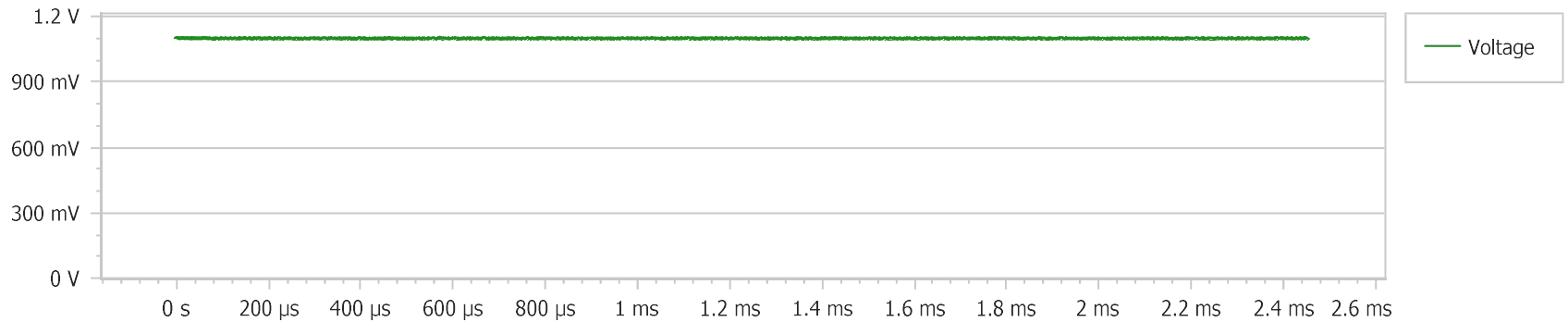
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

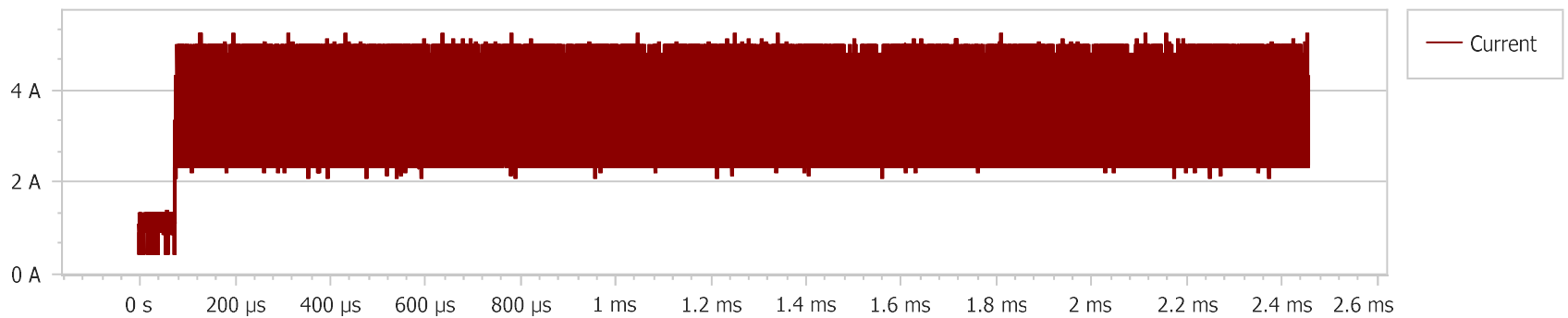
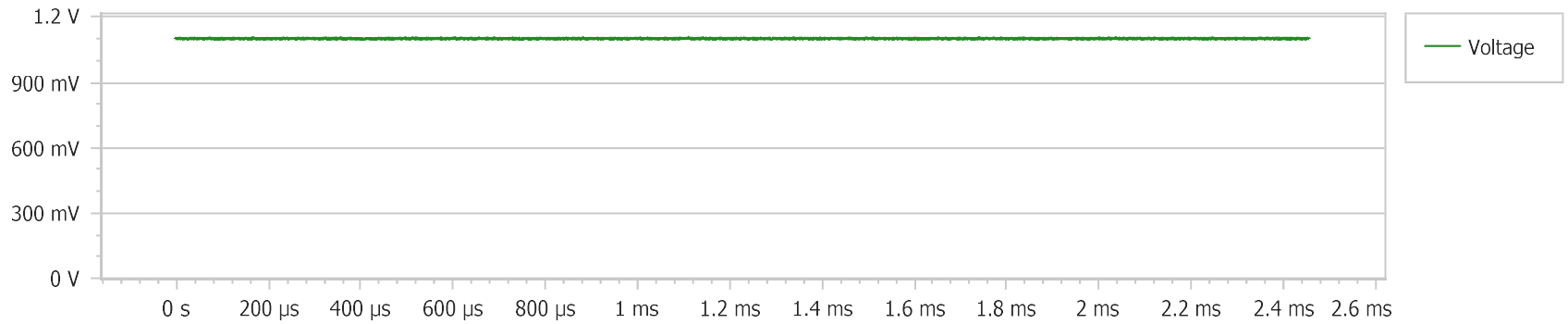
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

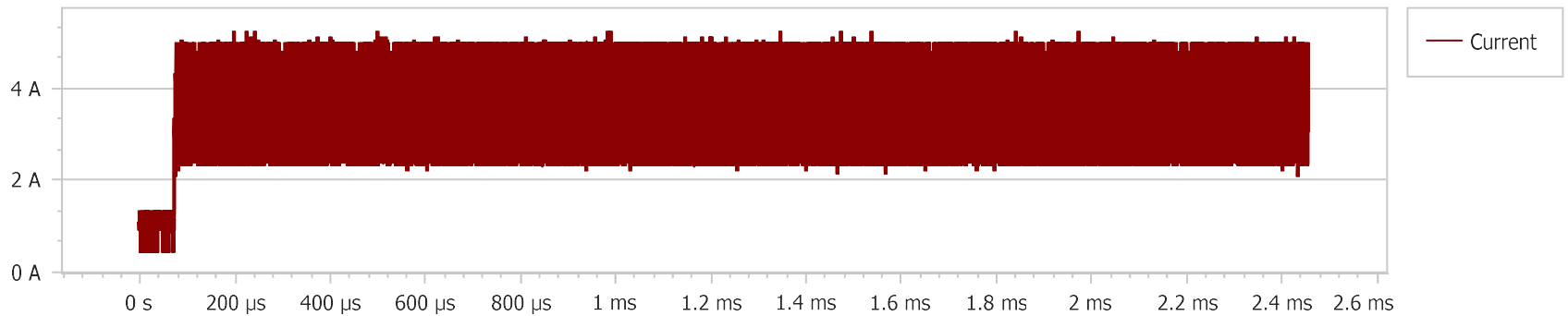
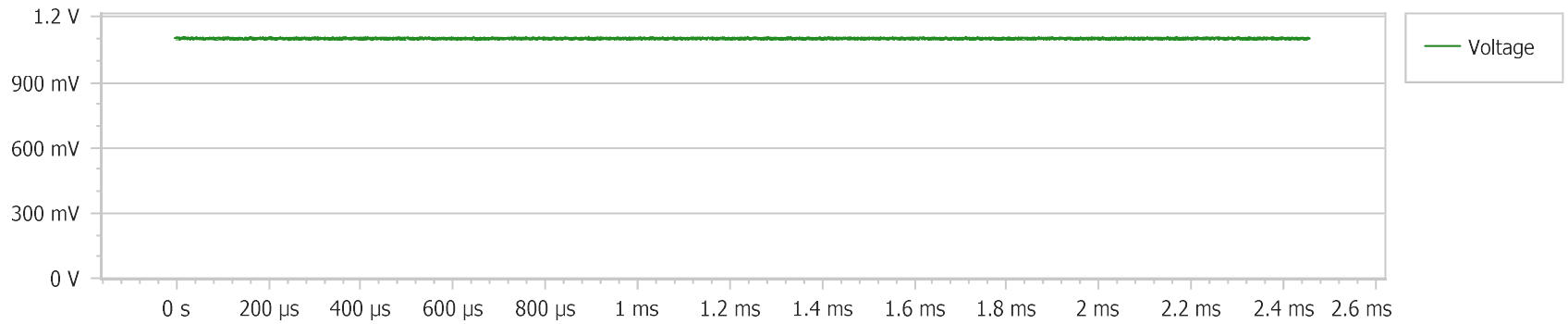
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

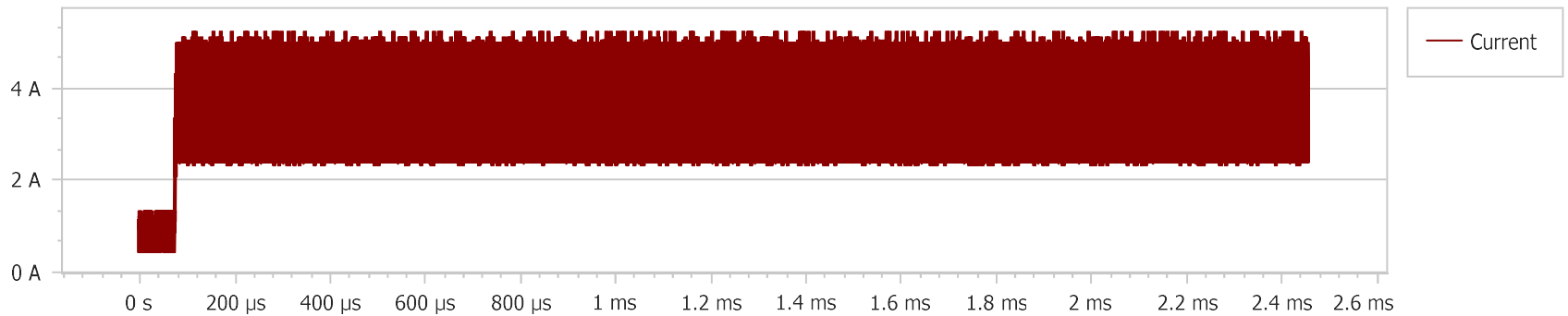
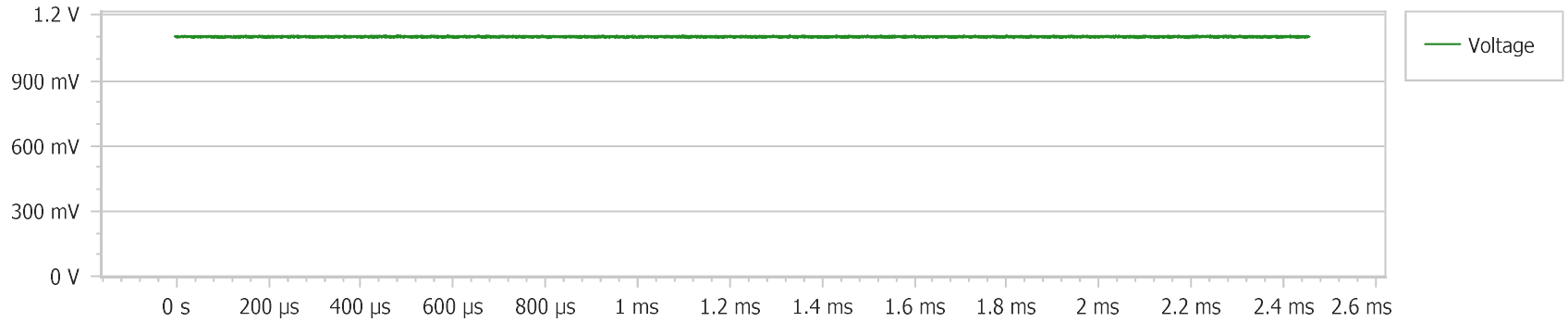
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

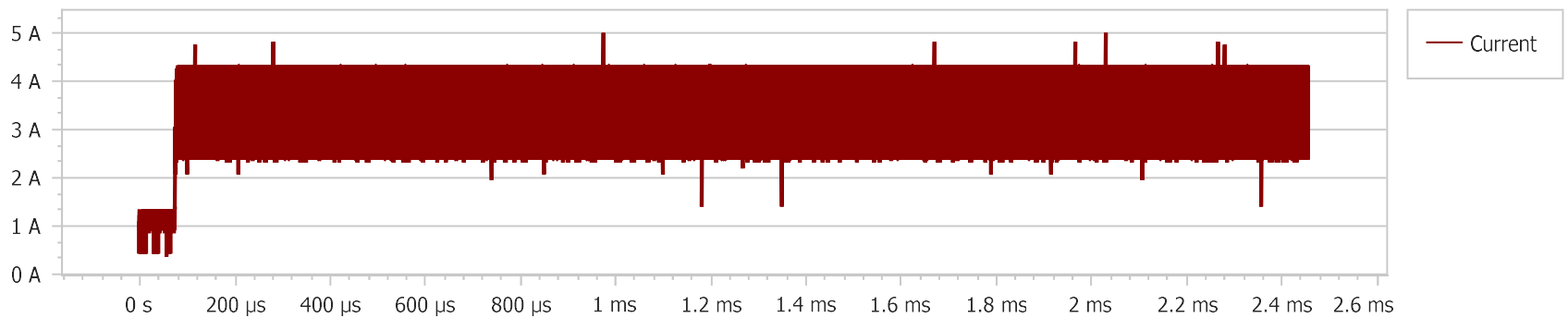
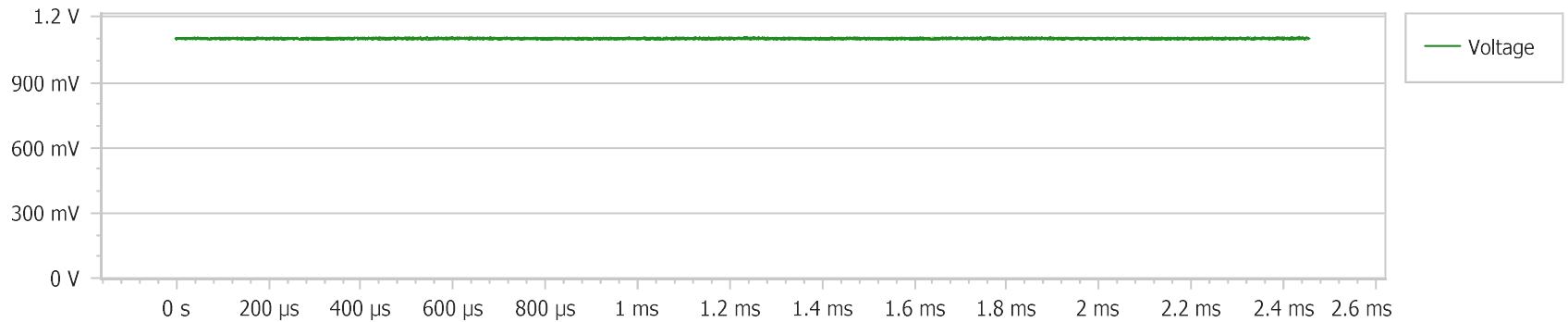
Duty Cycle: 25 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

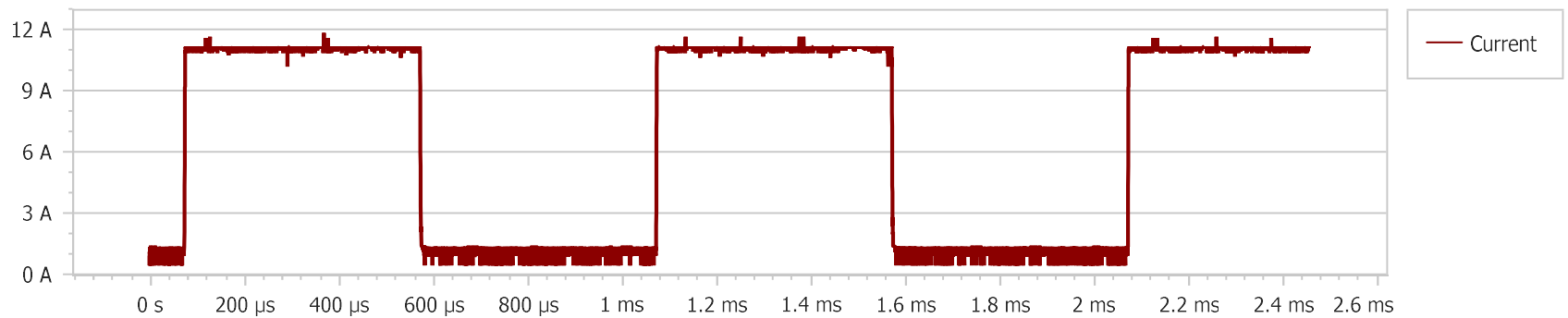
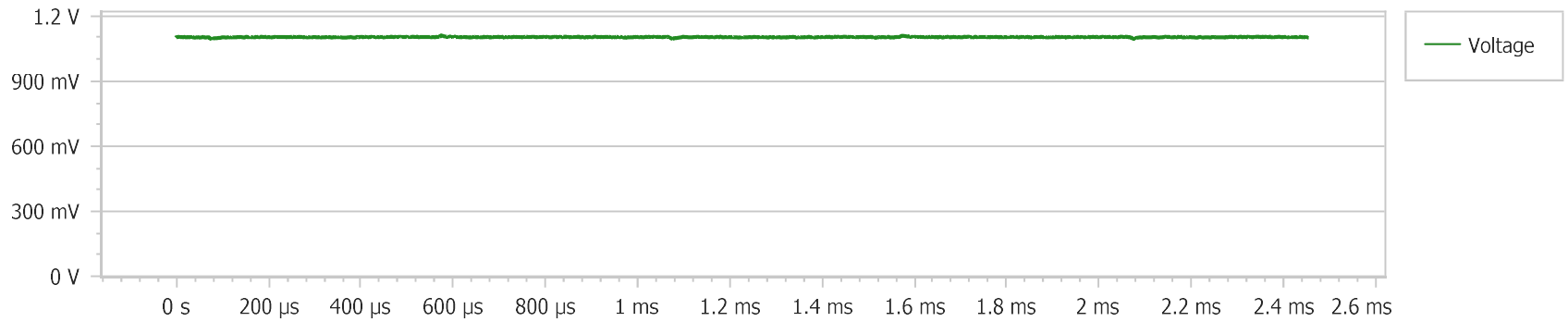
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

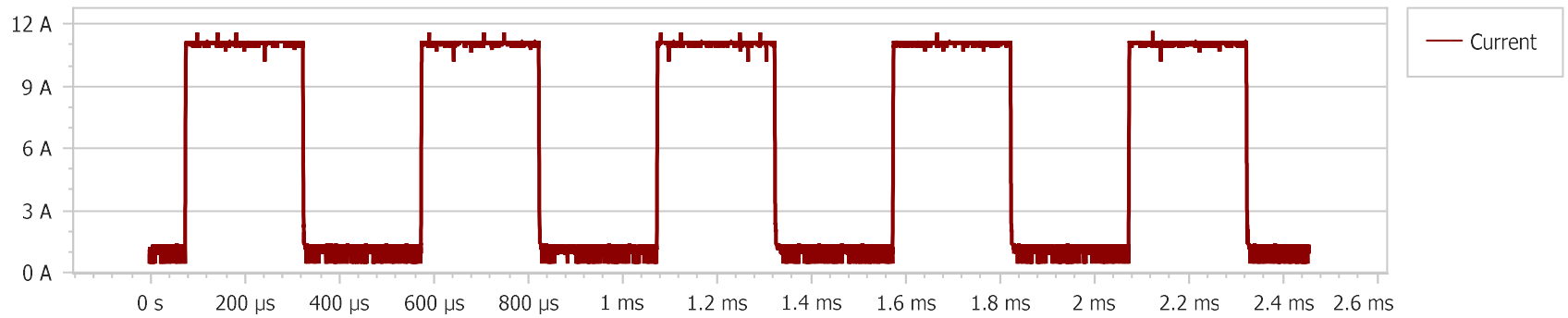
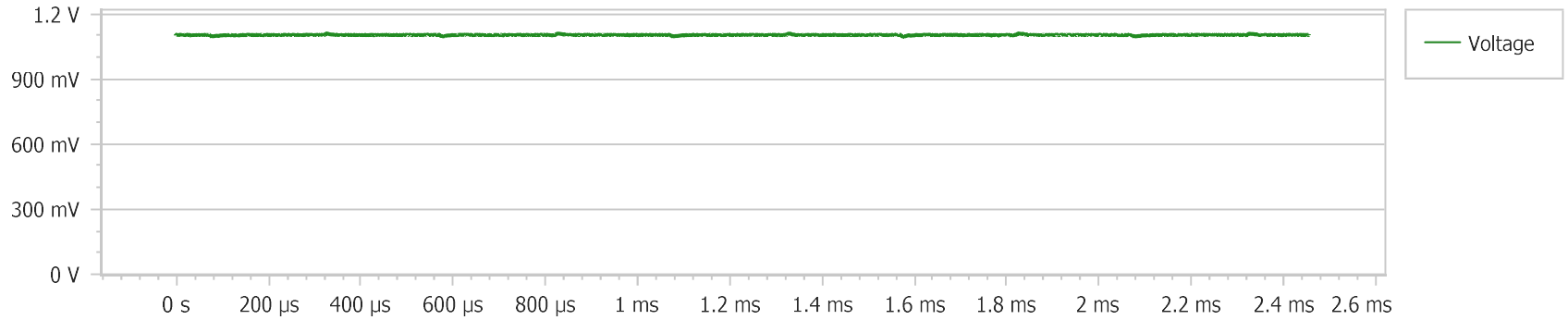
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

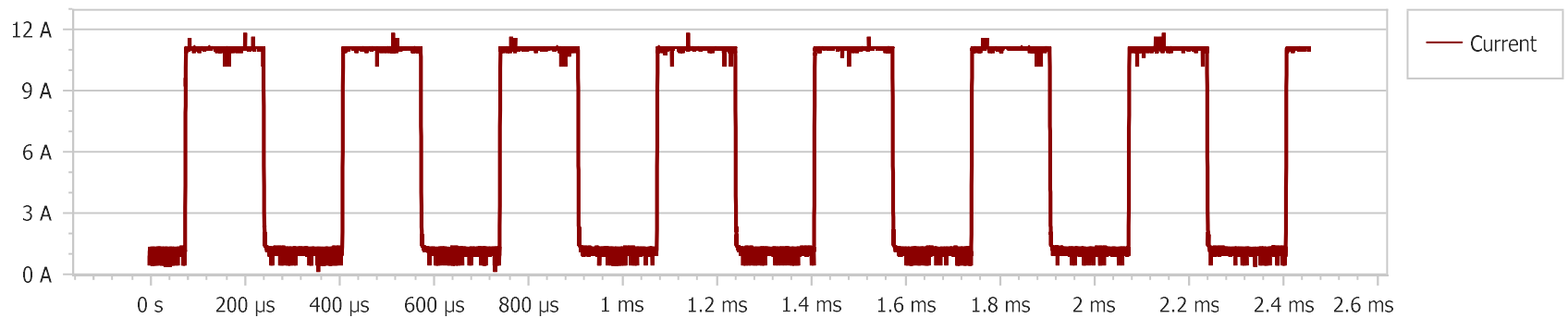
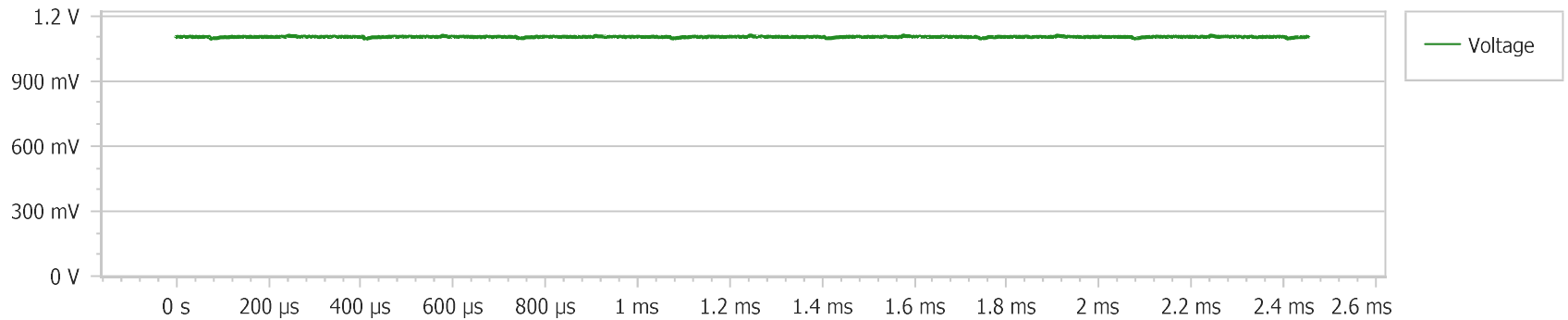
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

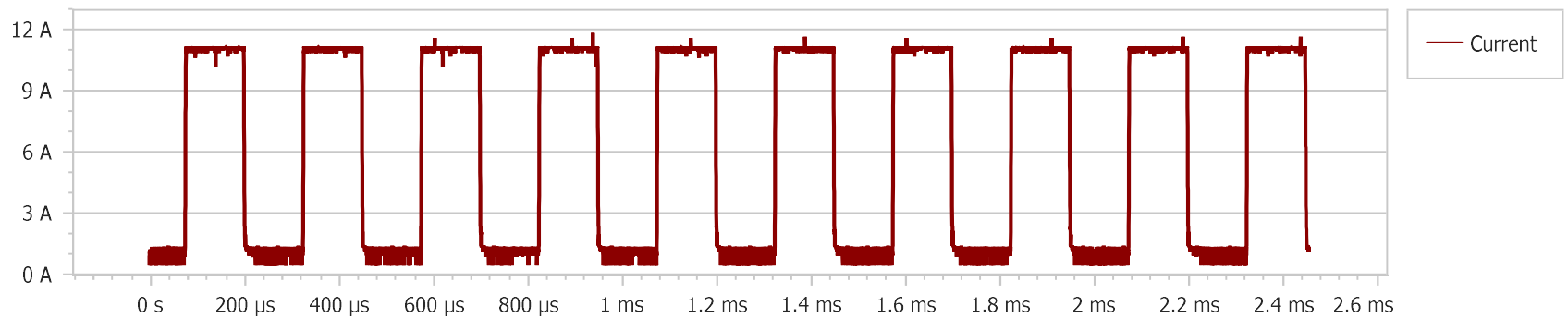
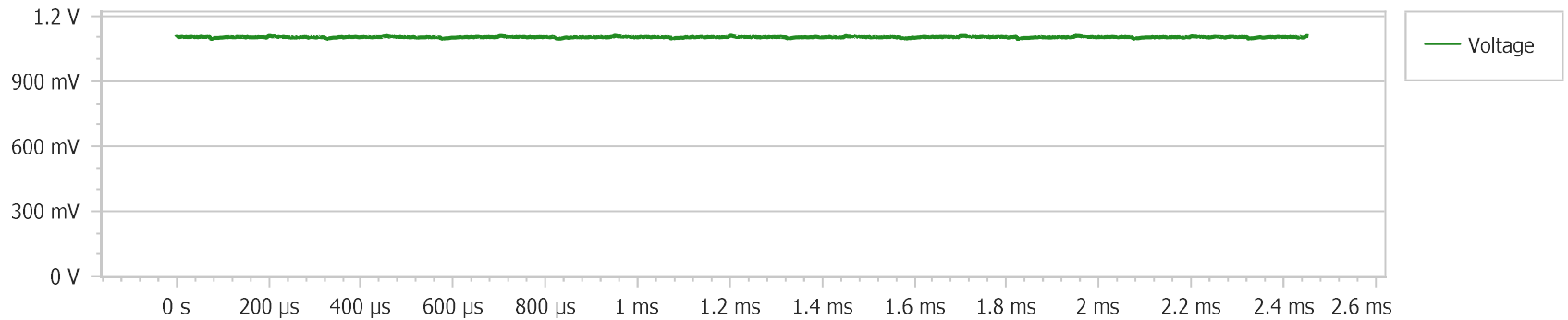
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

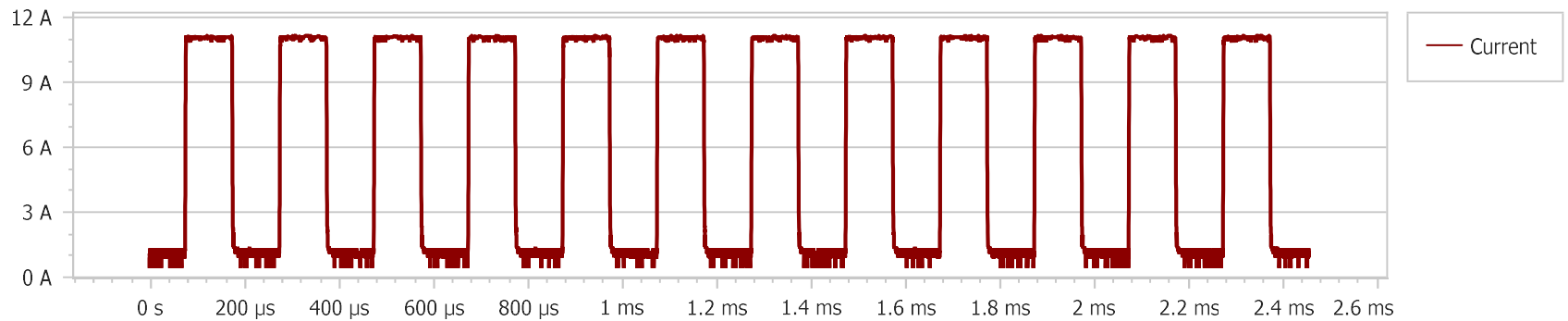
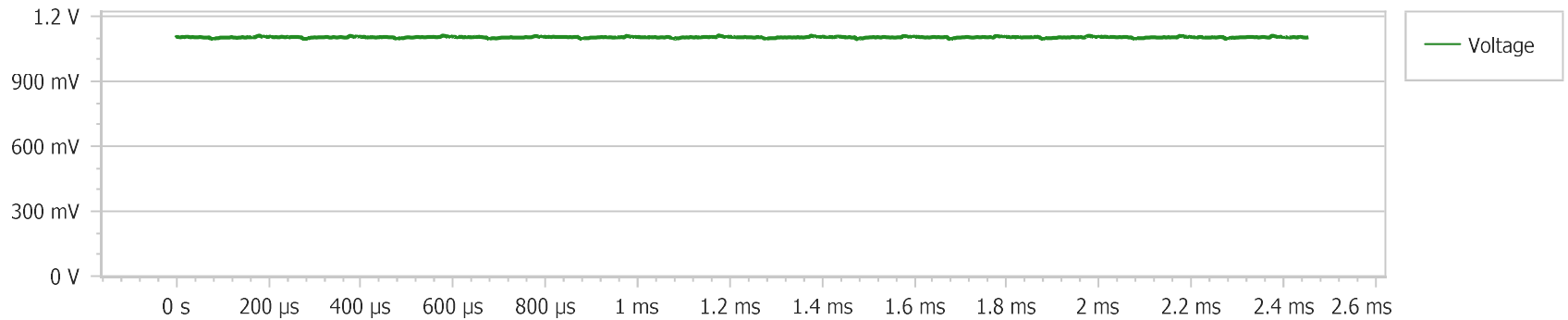
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

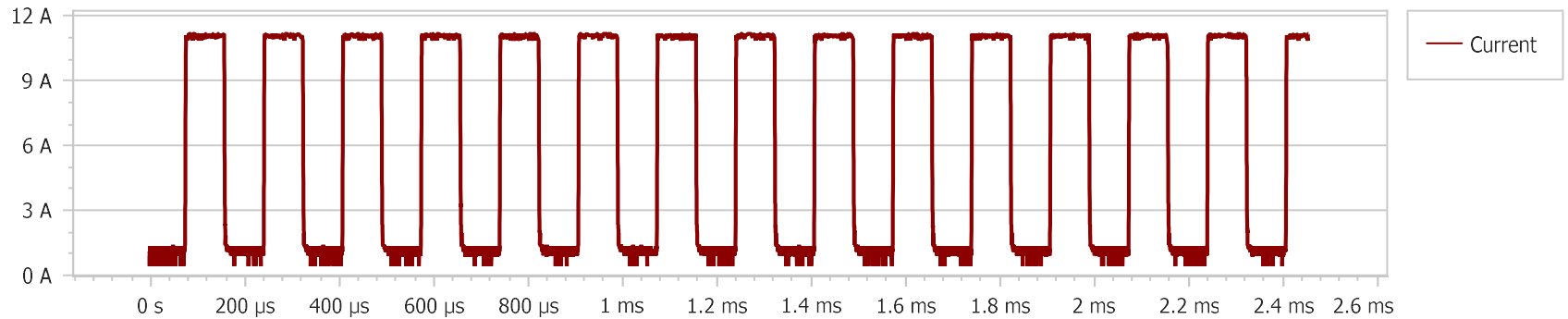
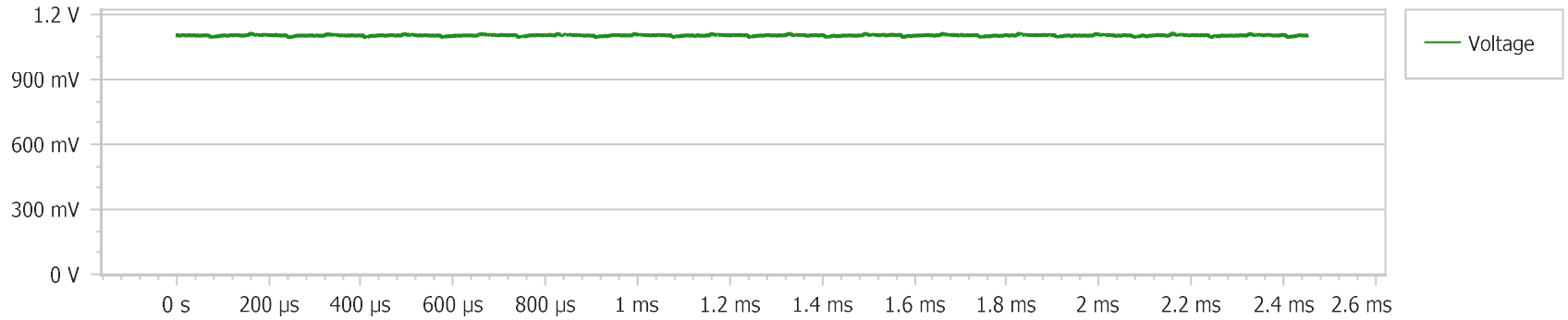
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

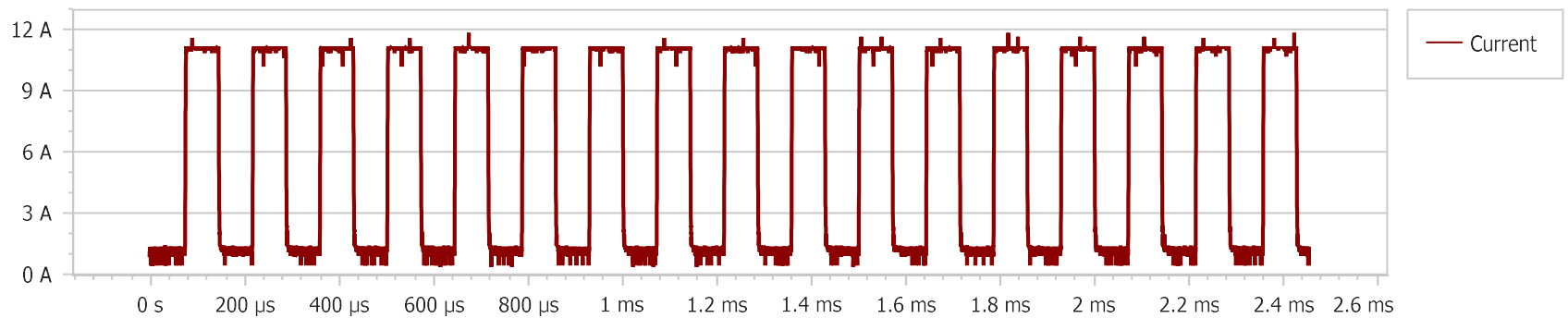
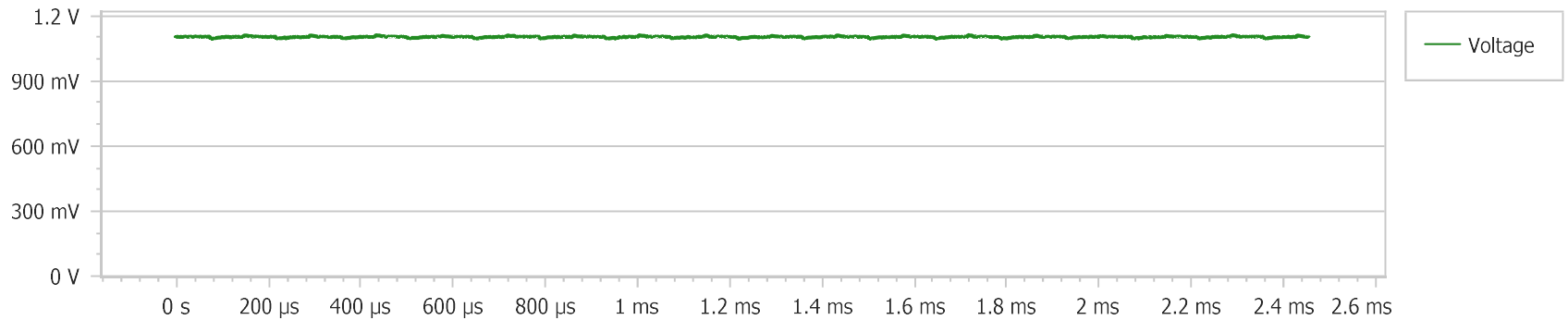
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

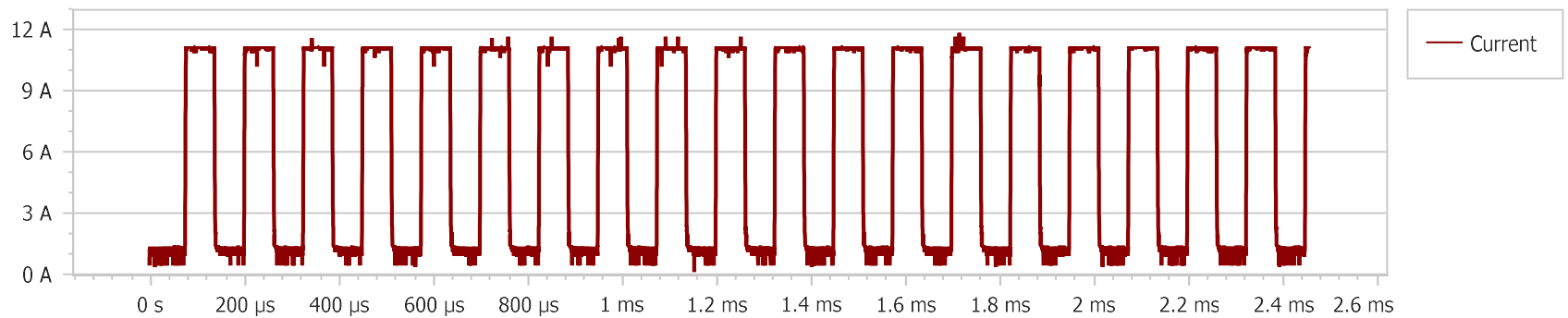
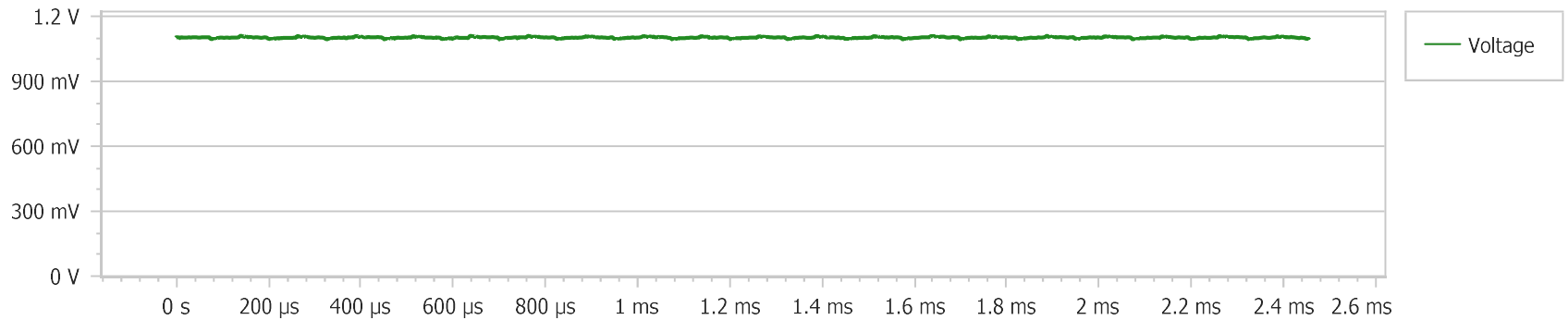
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

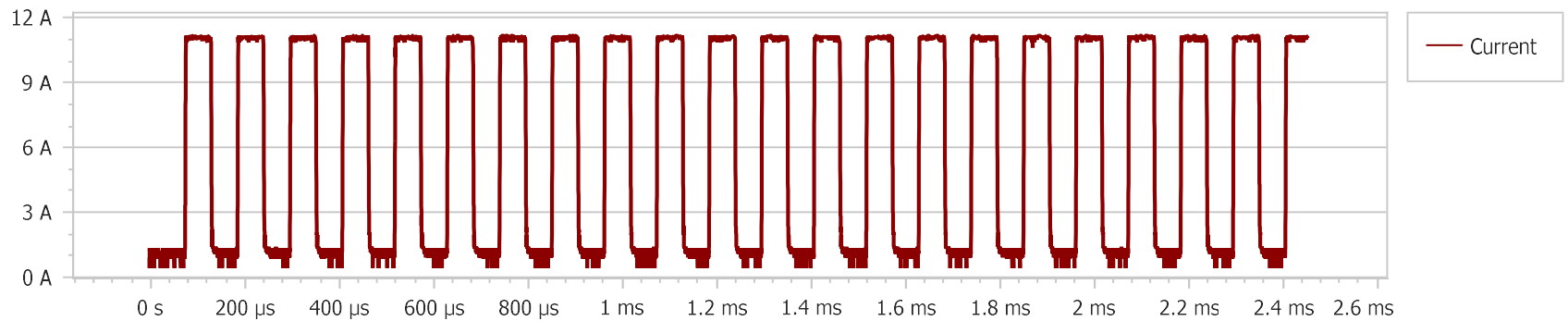
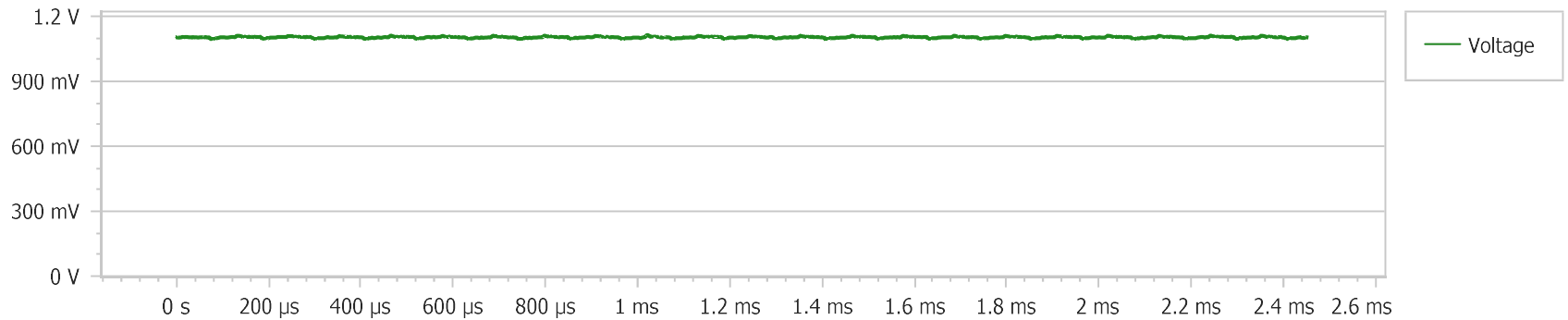
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

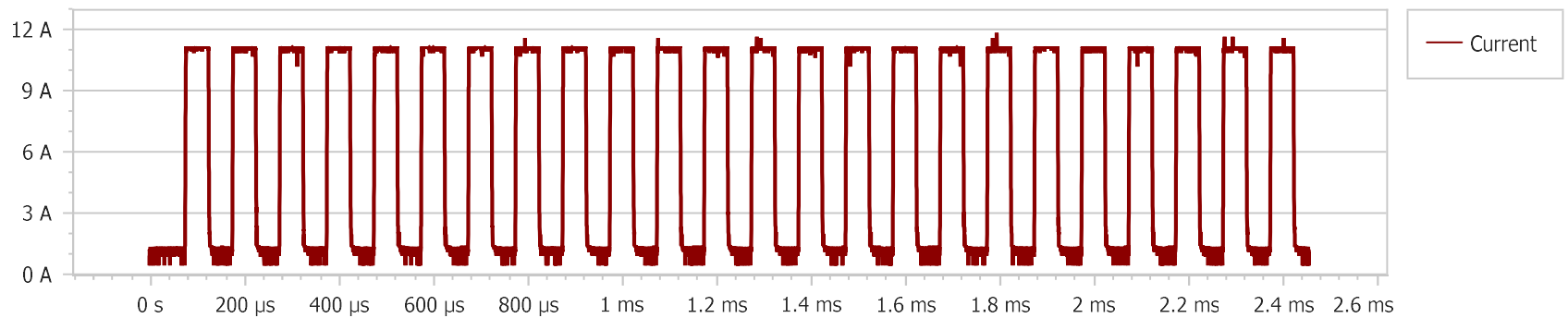
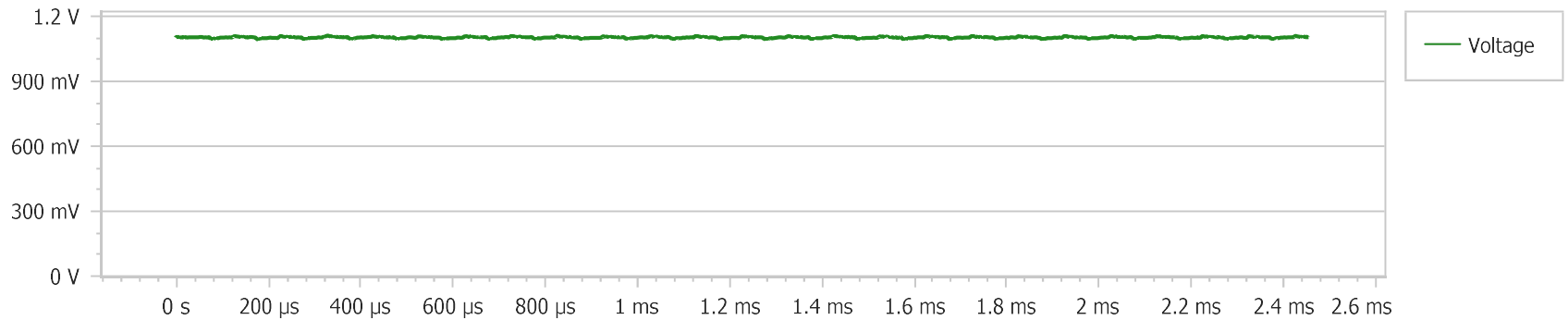
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

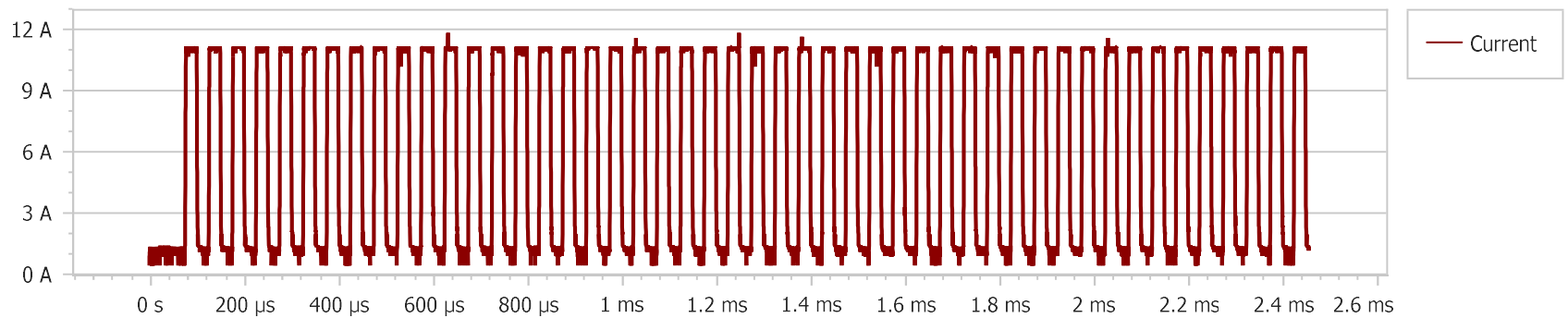
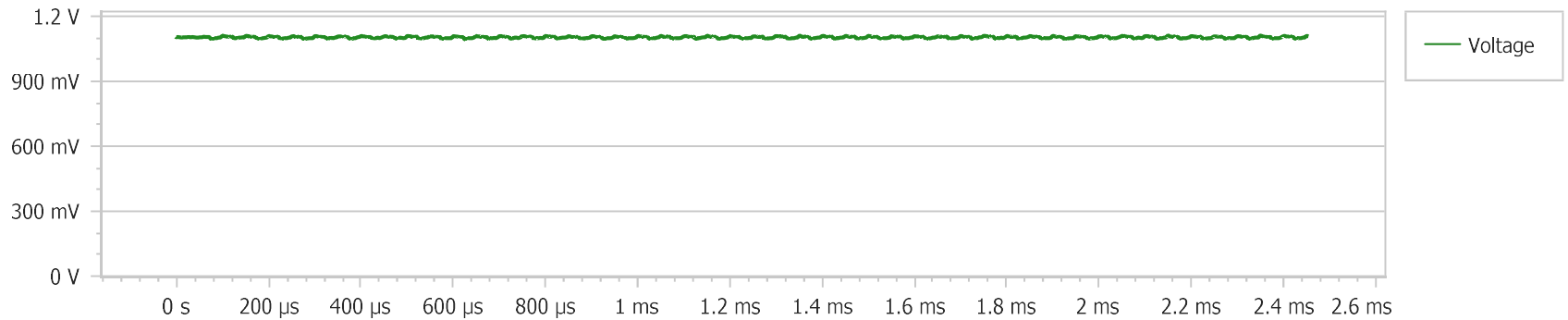
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

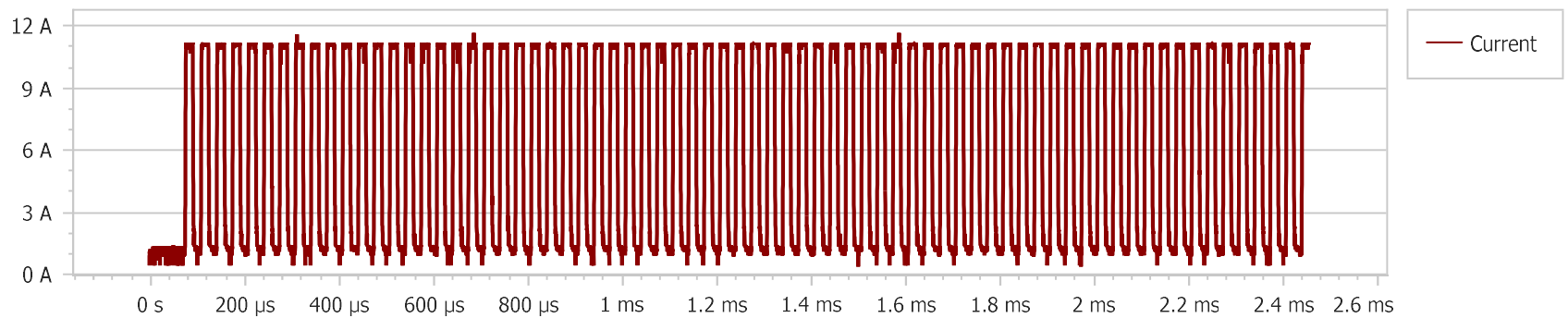
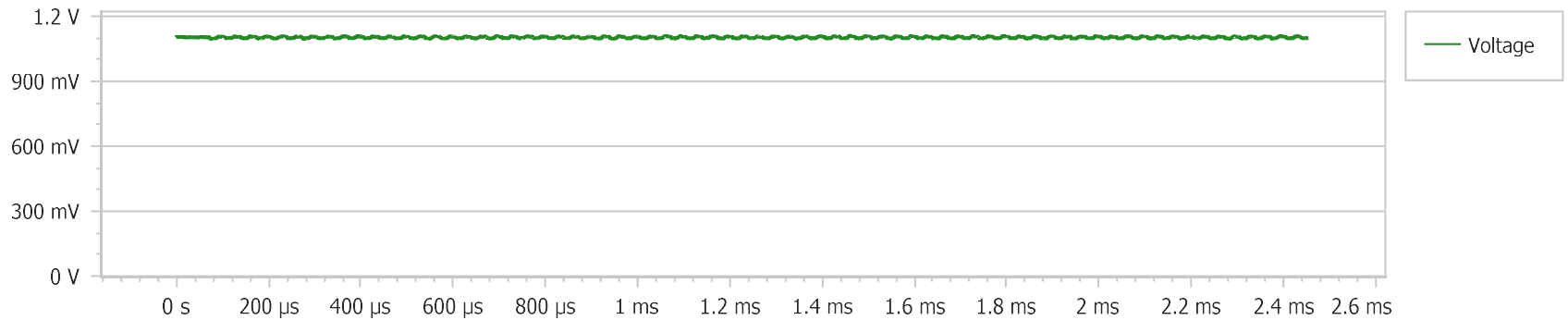
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

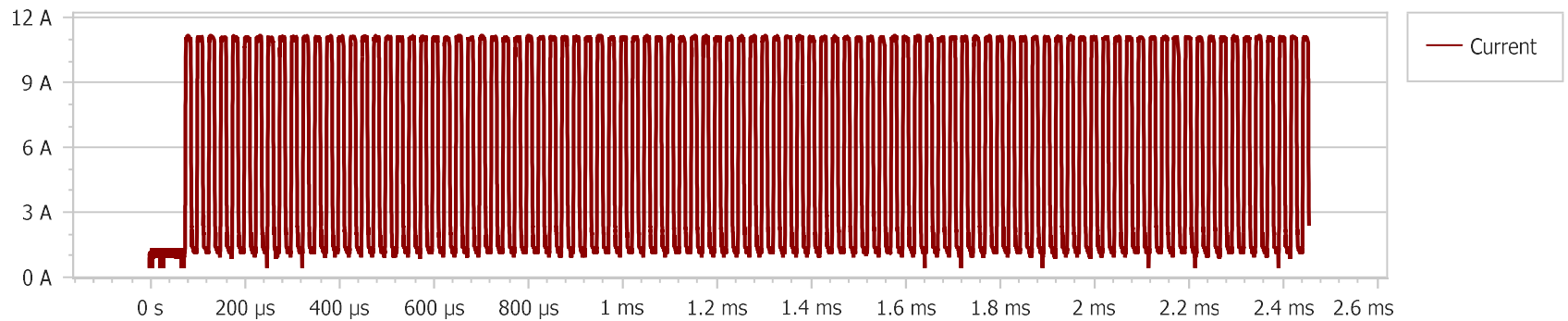
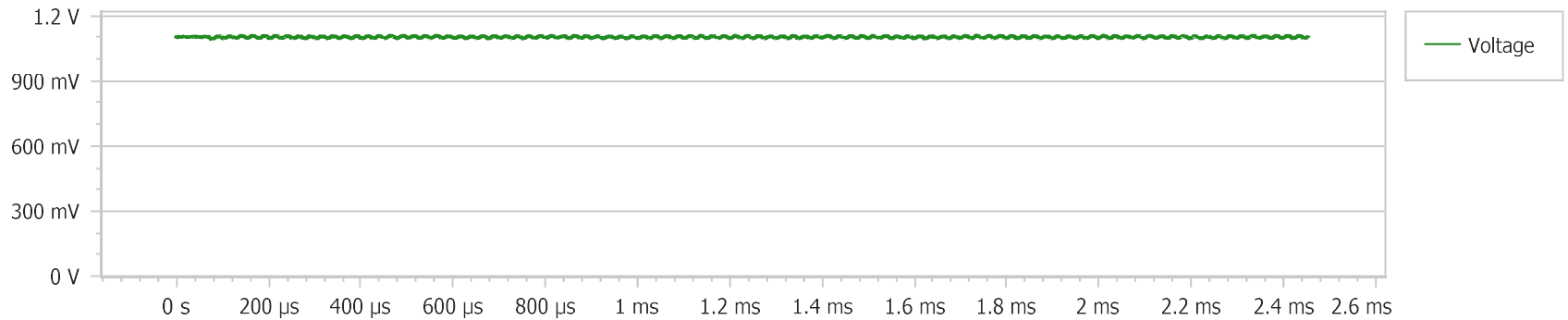
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

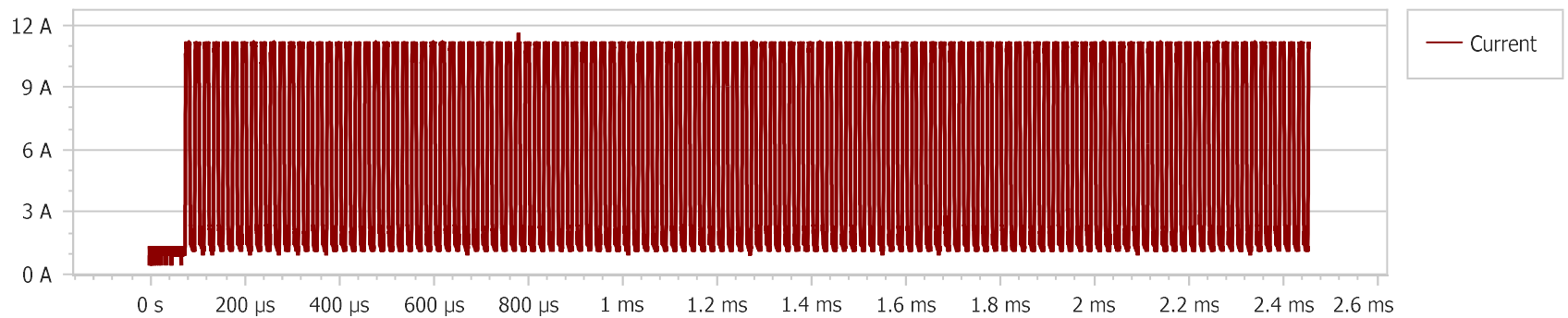
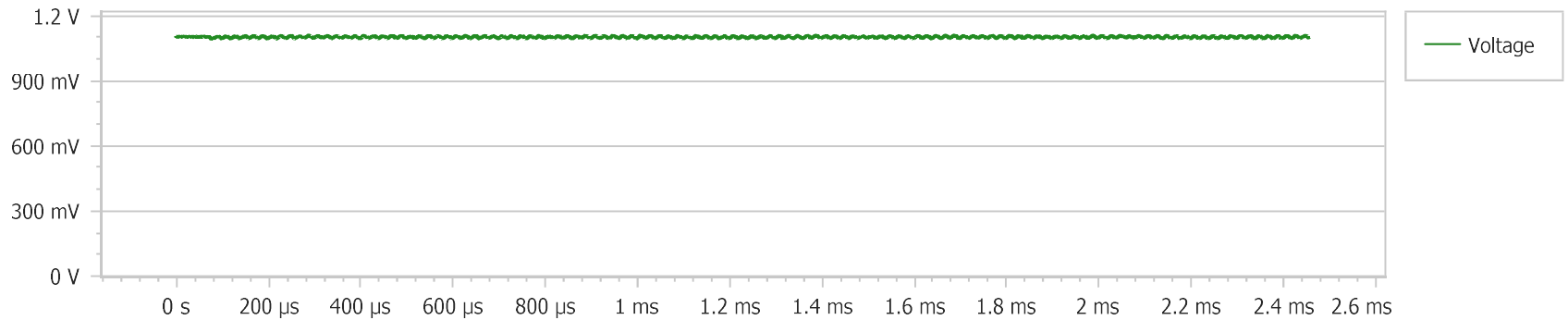
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

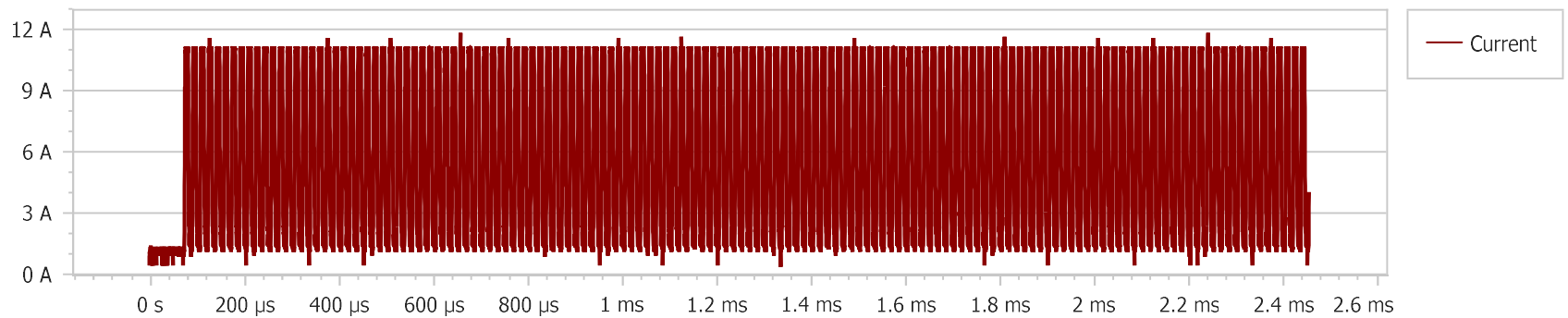
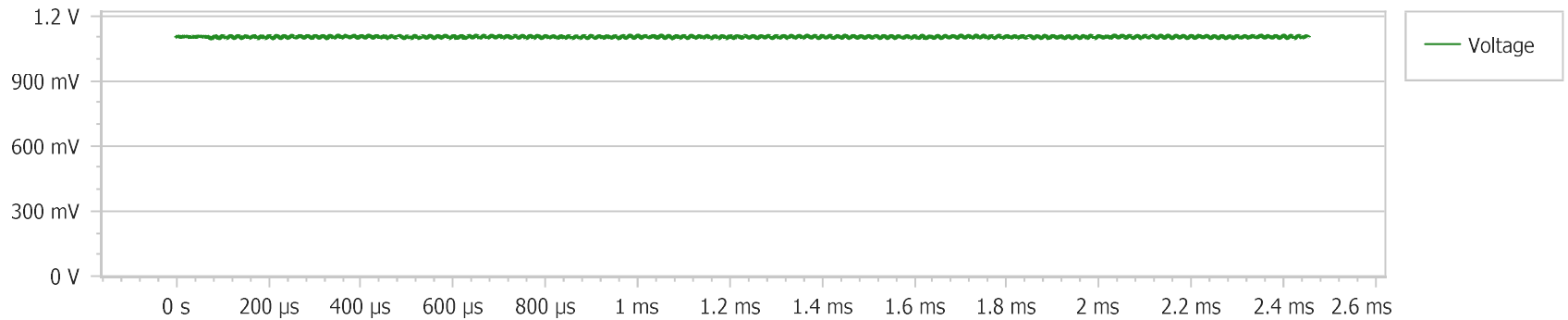
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

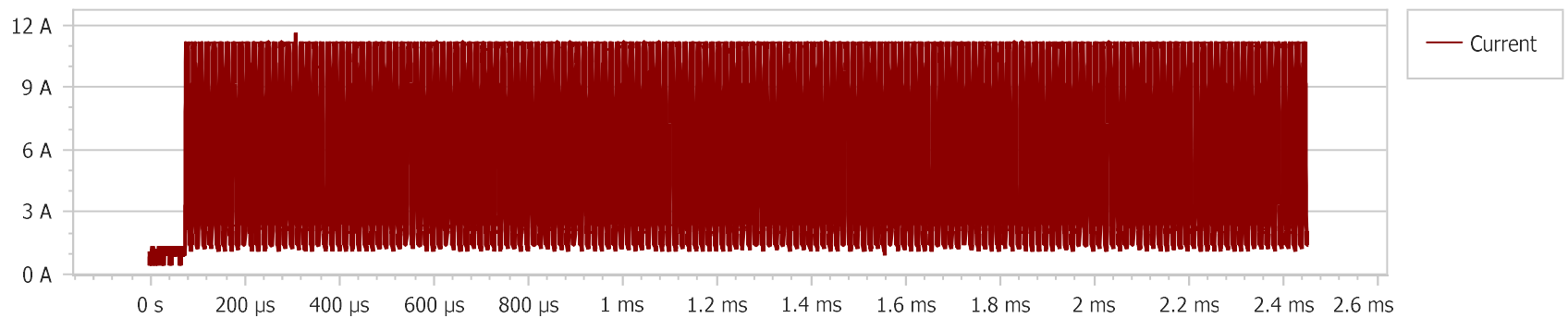
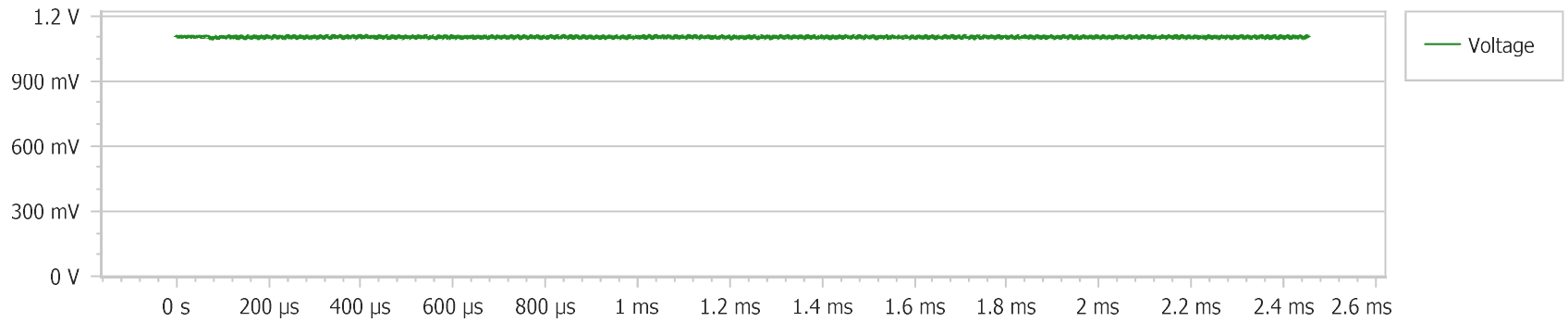
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

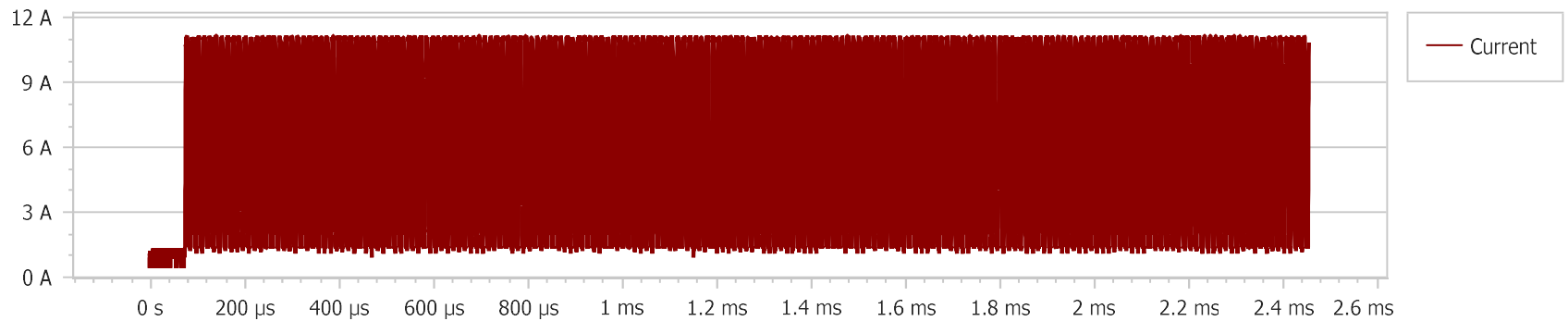
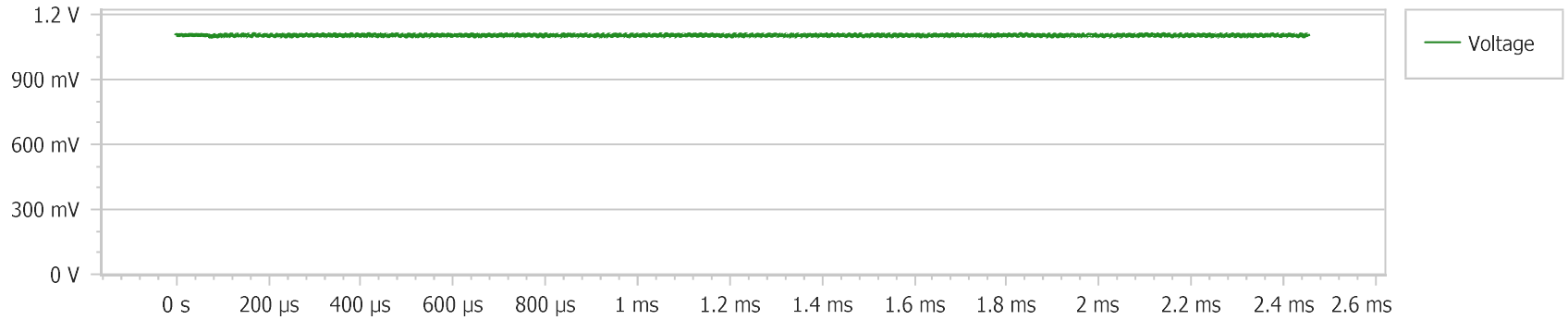
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

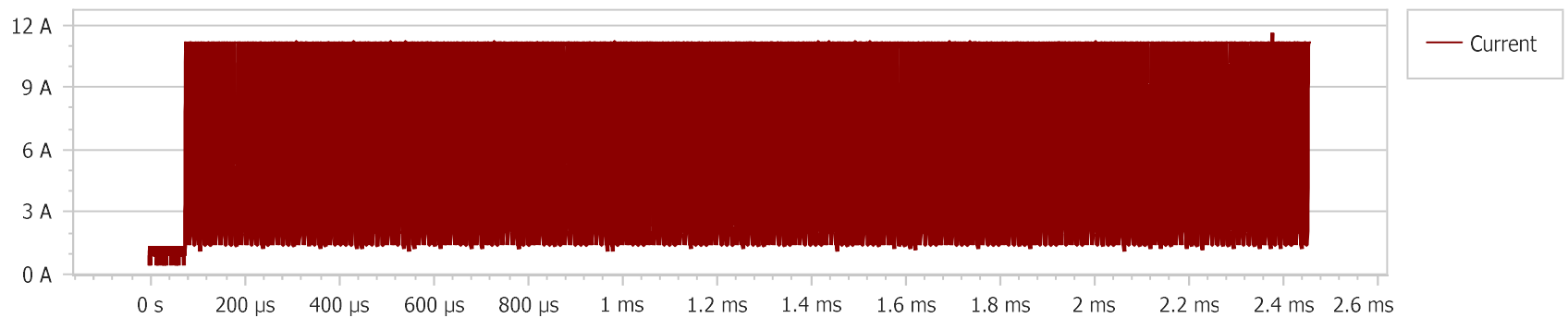
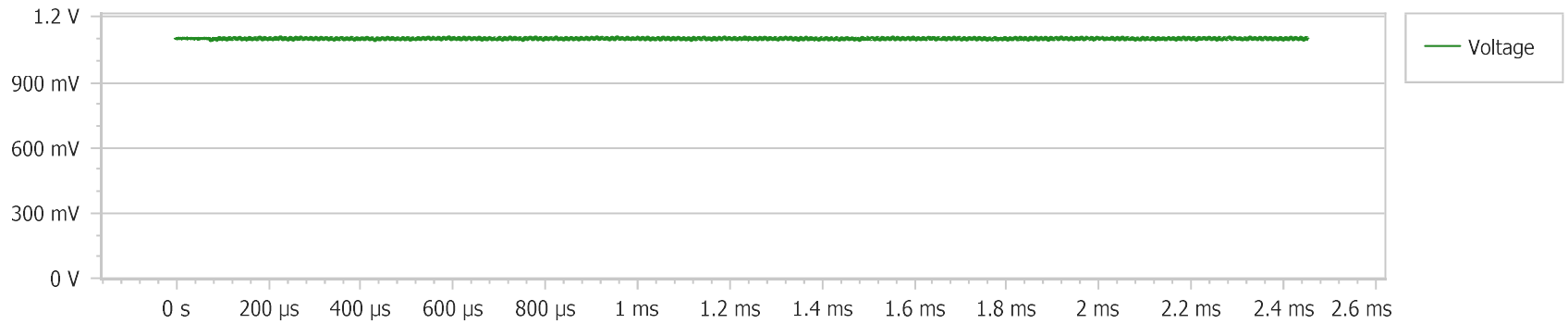
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

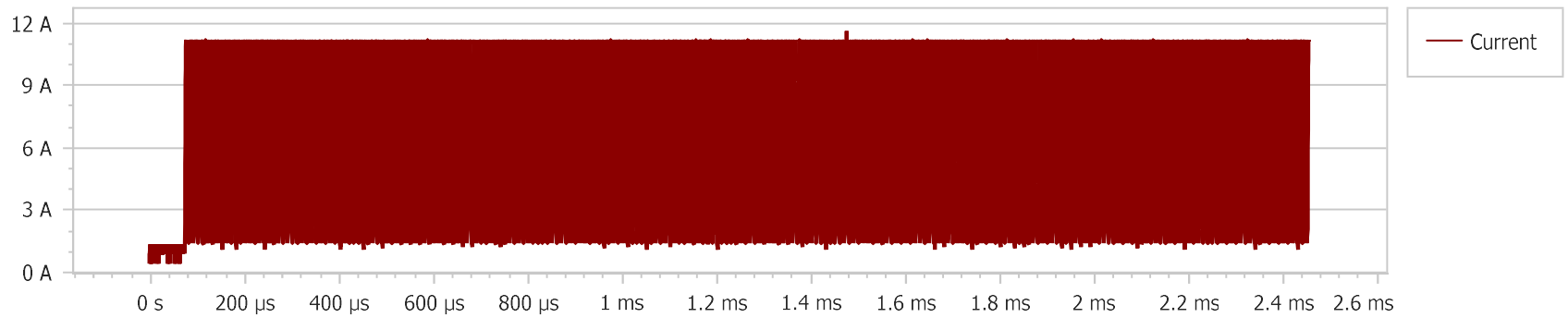
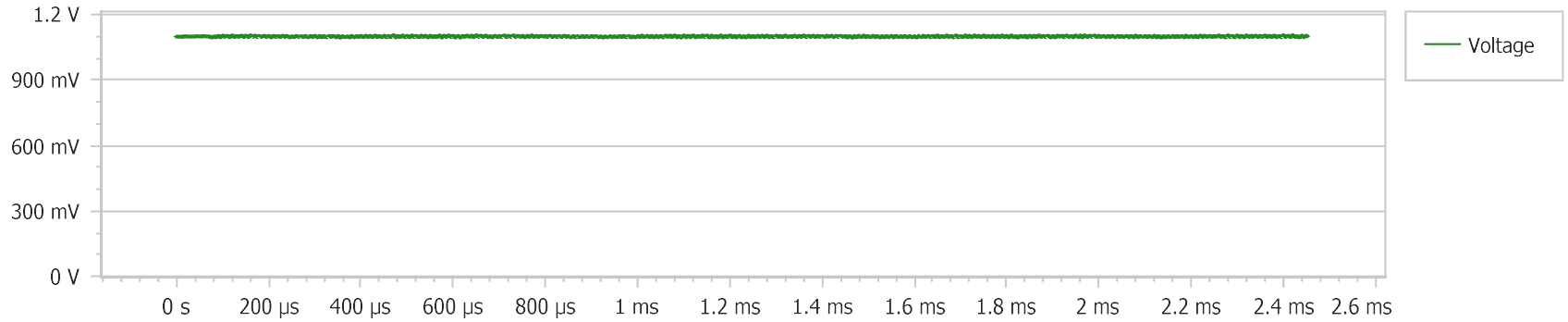
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

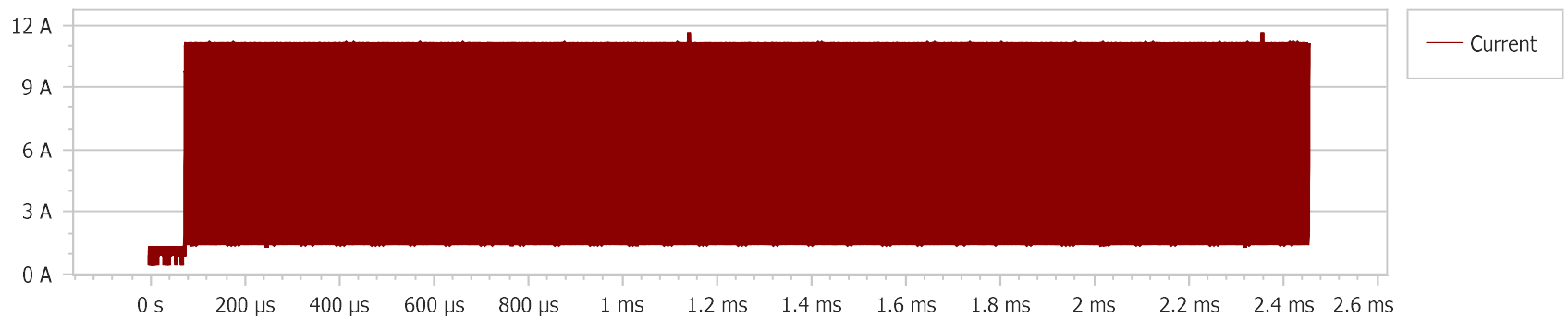
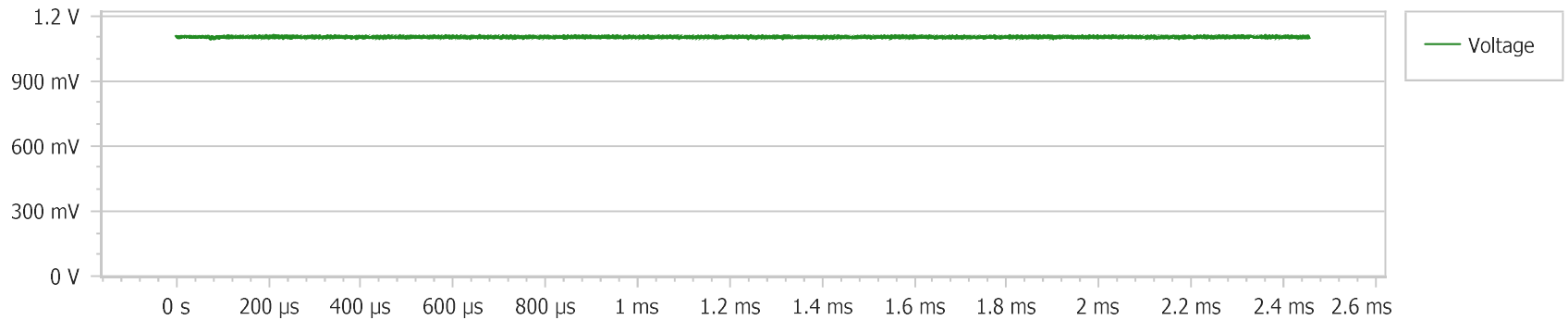
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

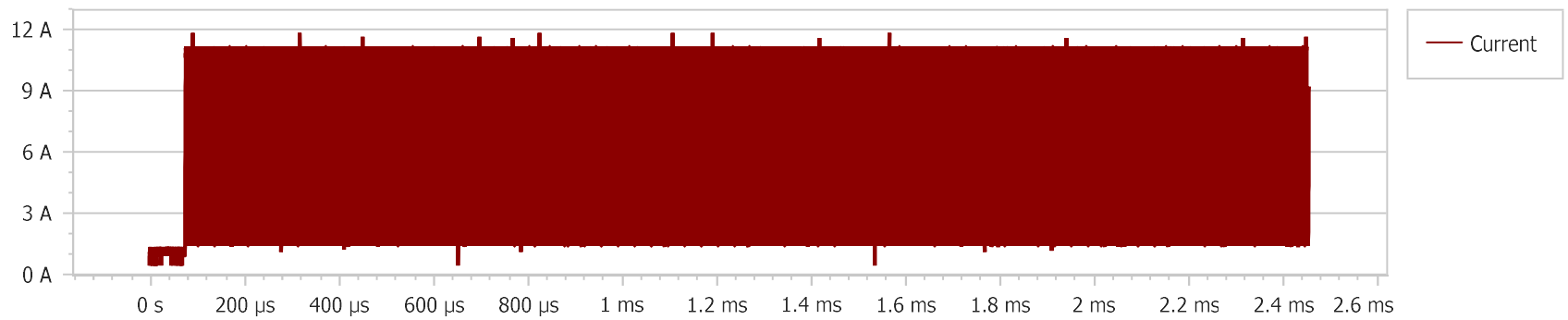
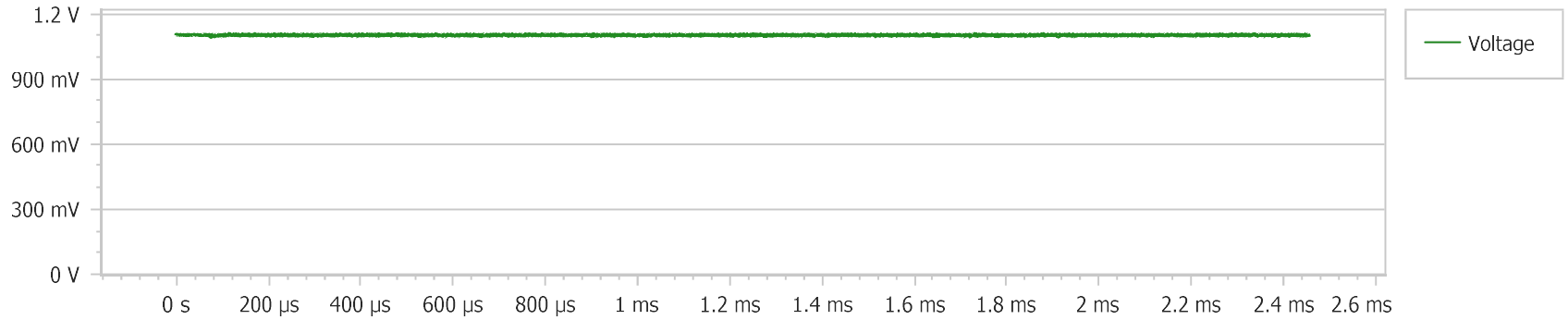
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

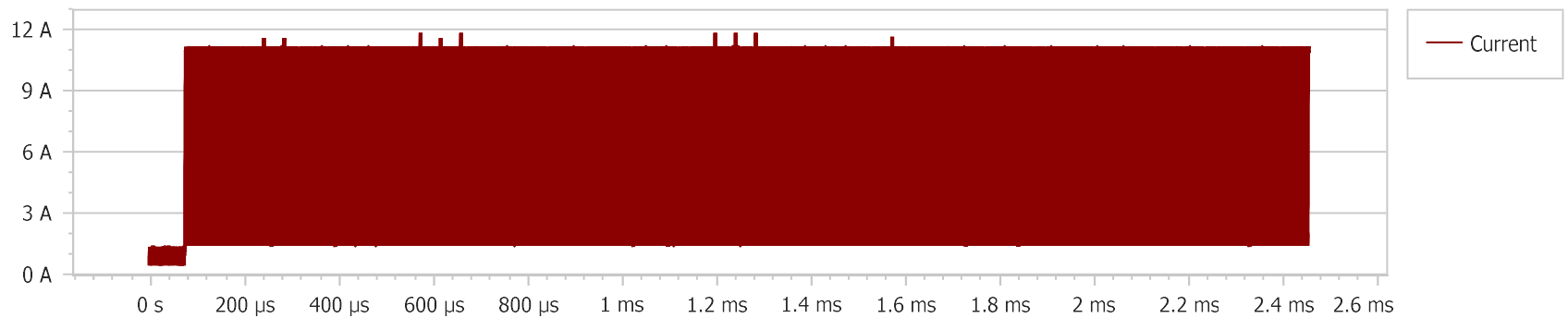
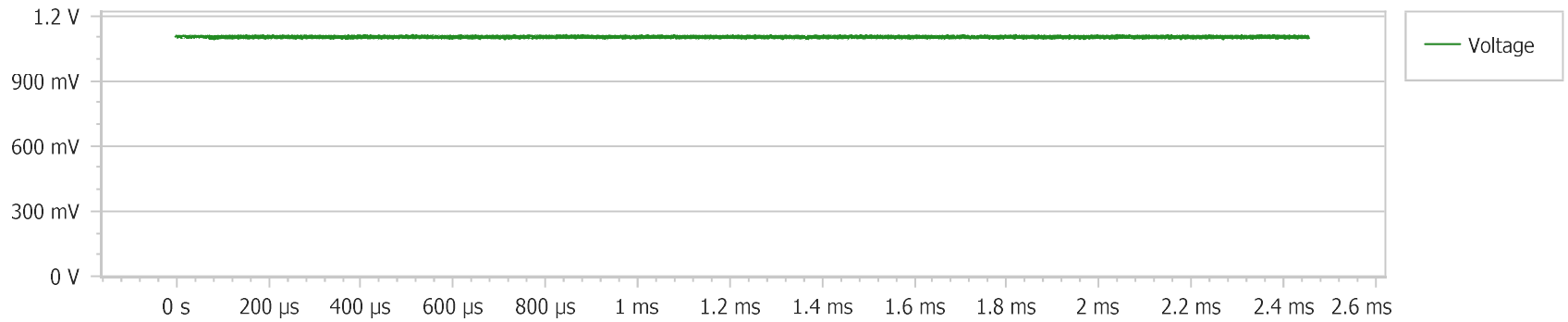
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

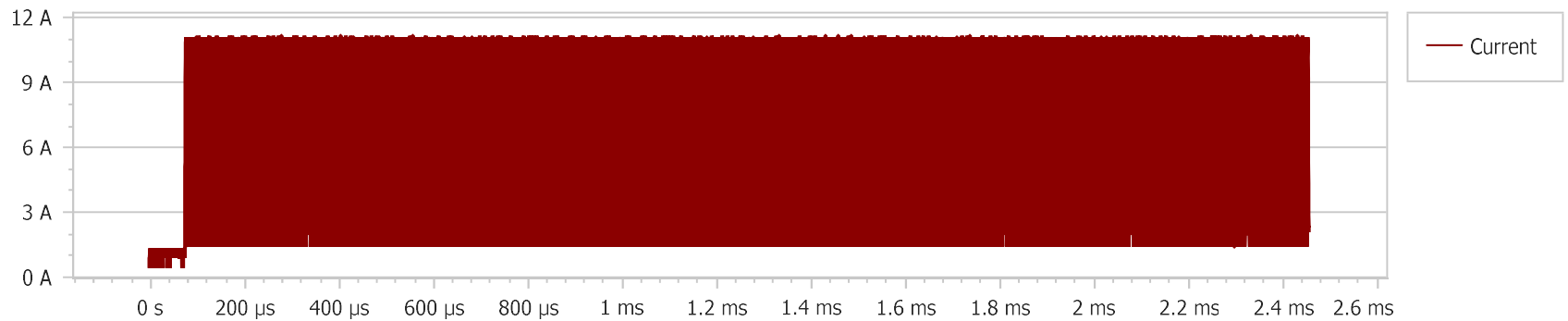
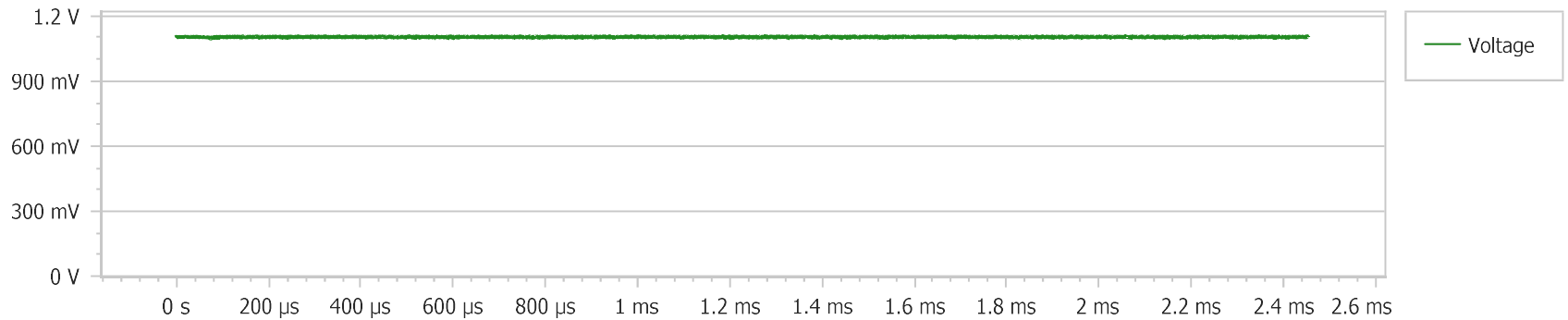
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

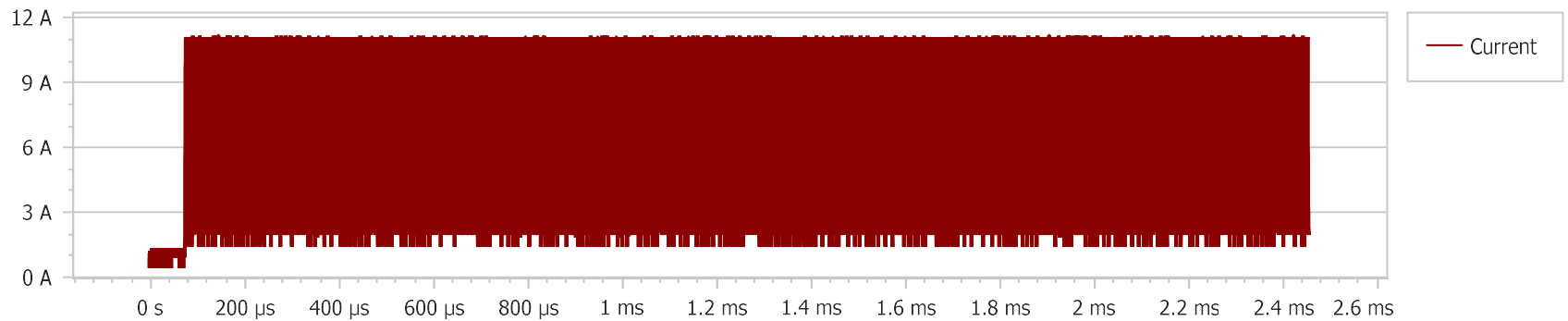
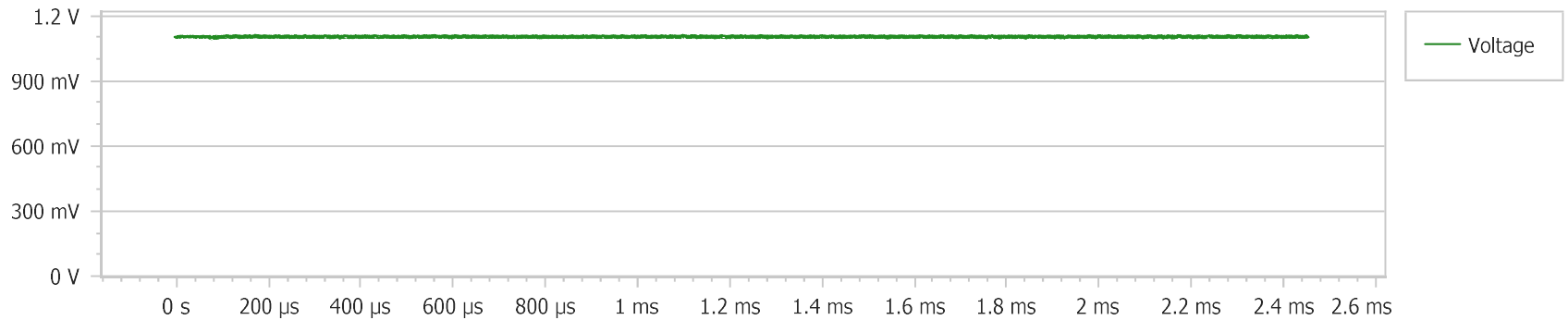
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

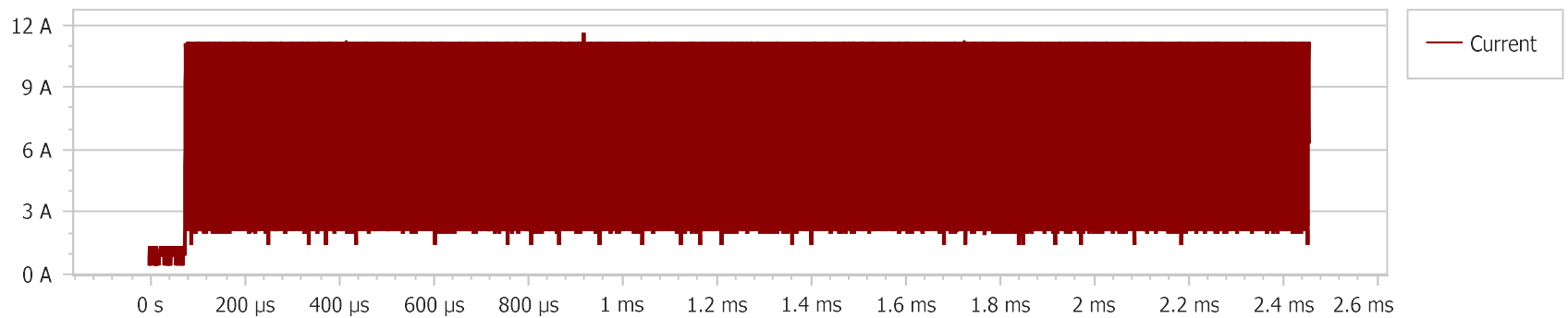
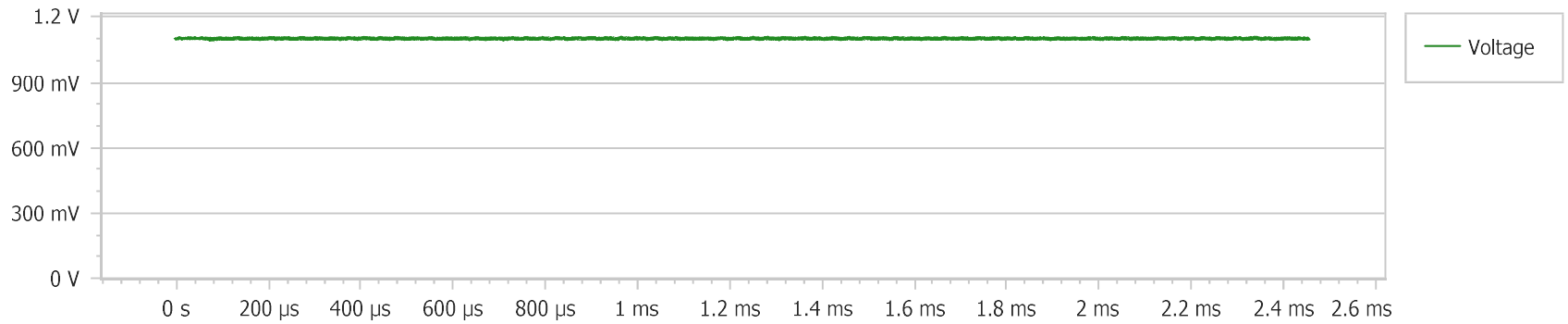
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

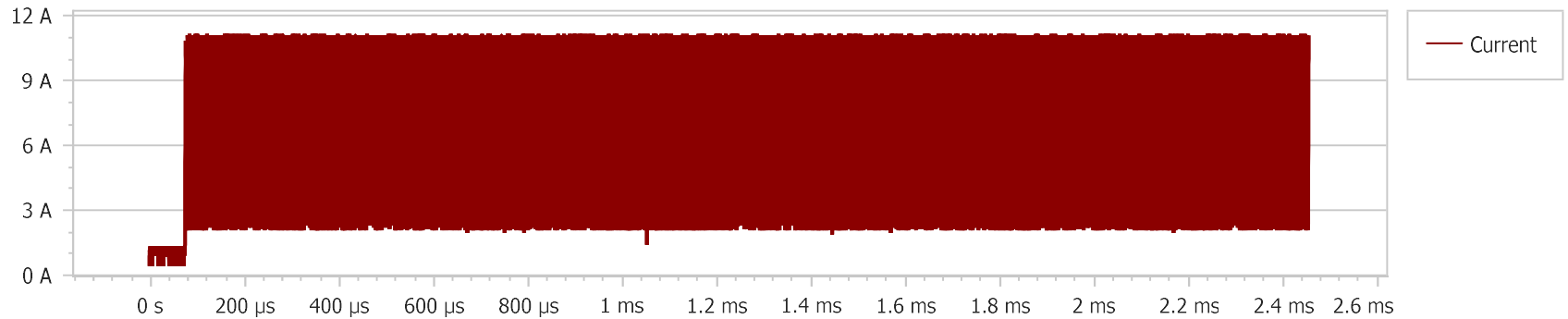
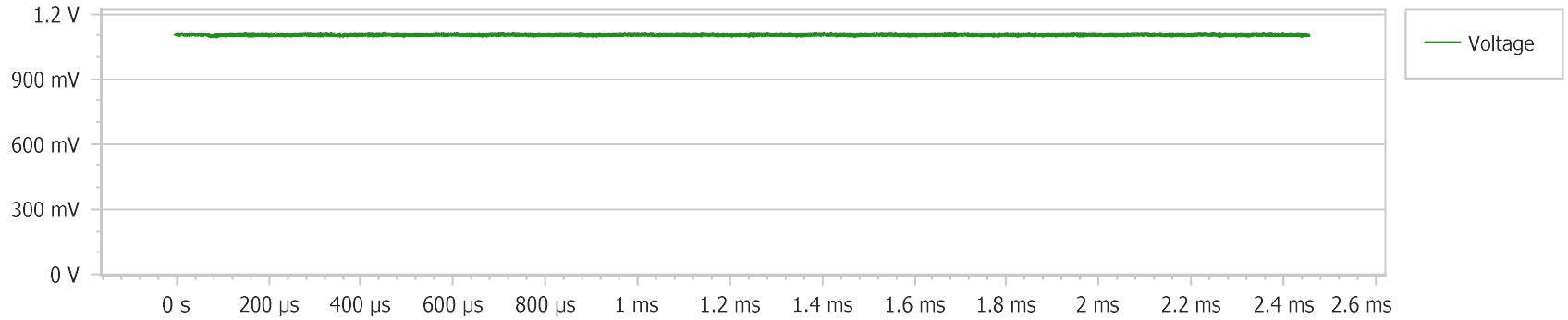
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

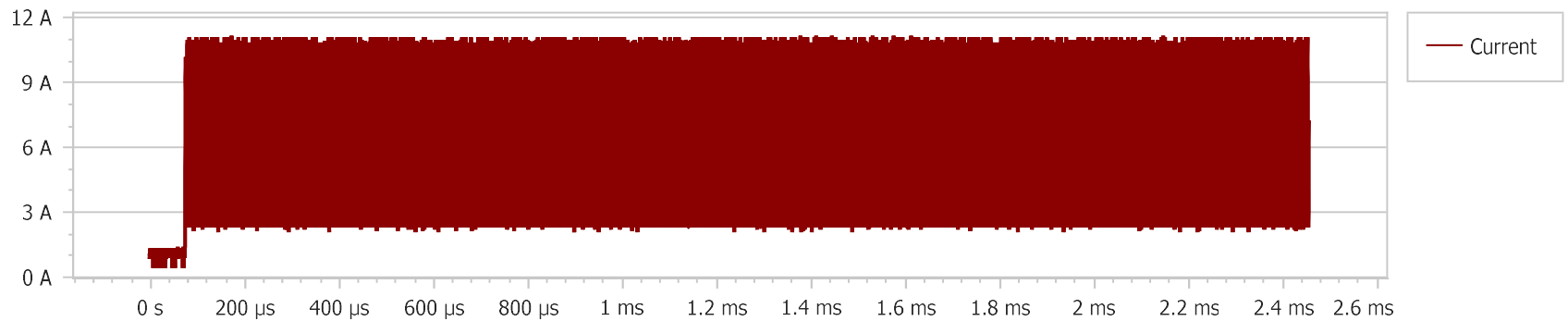
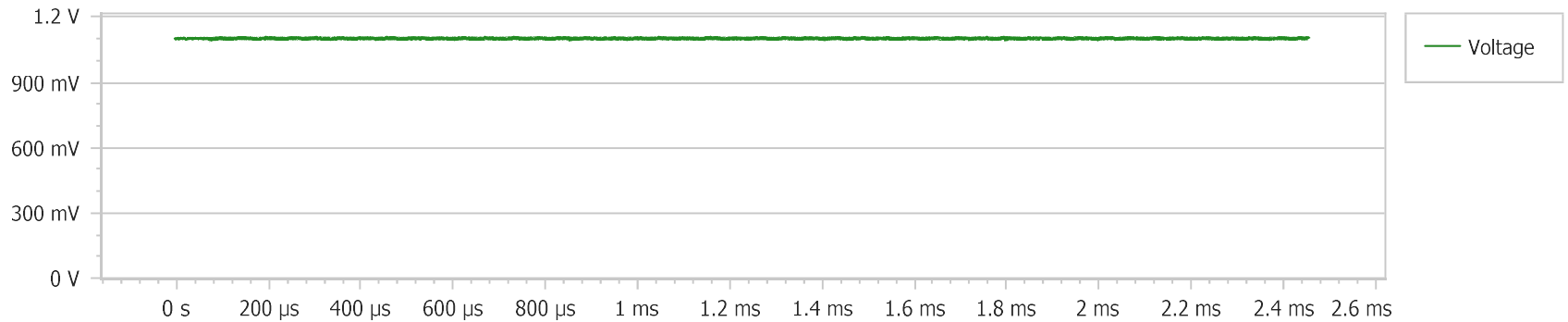
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

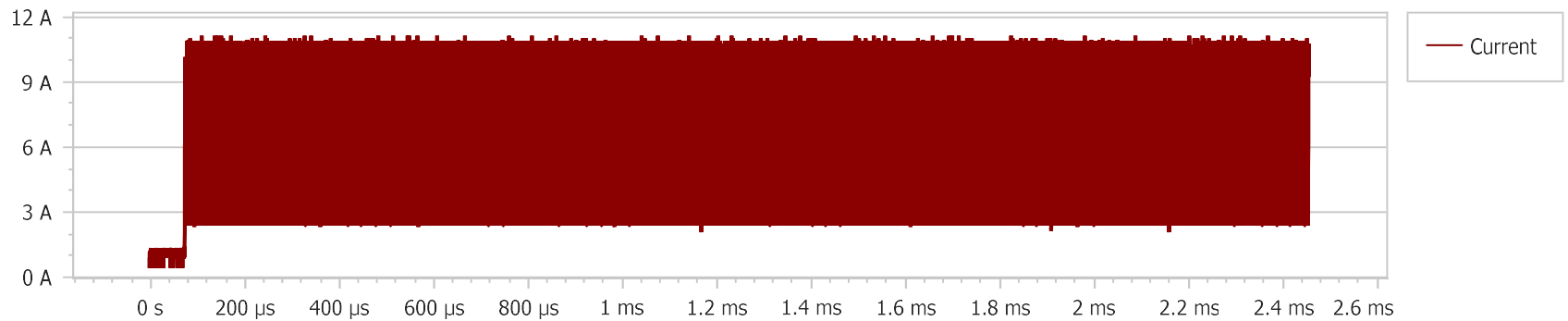
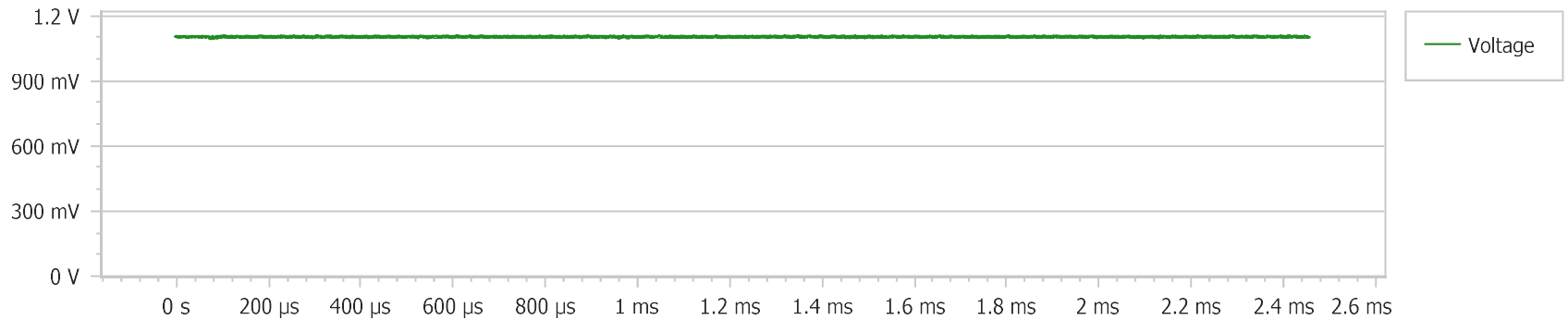
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

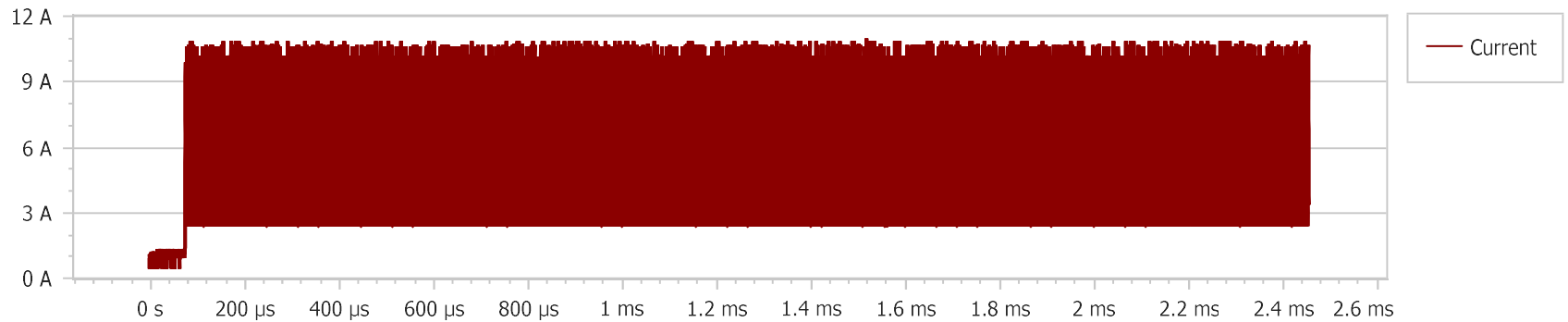
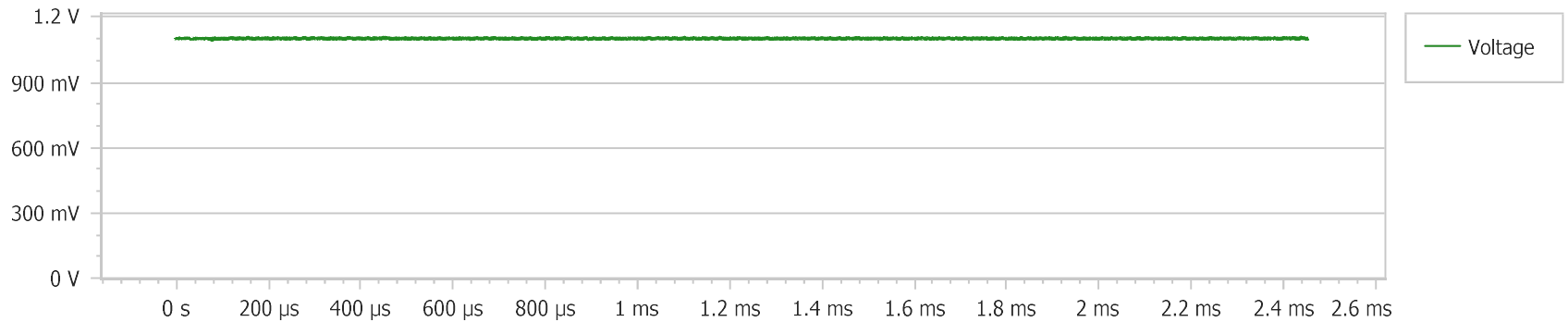
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

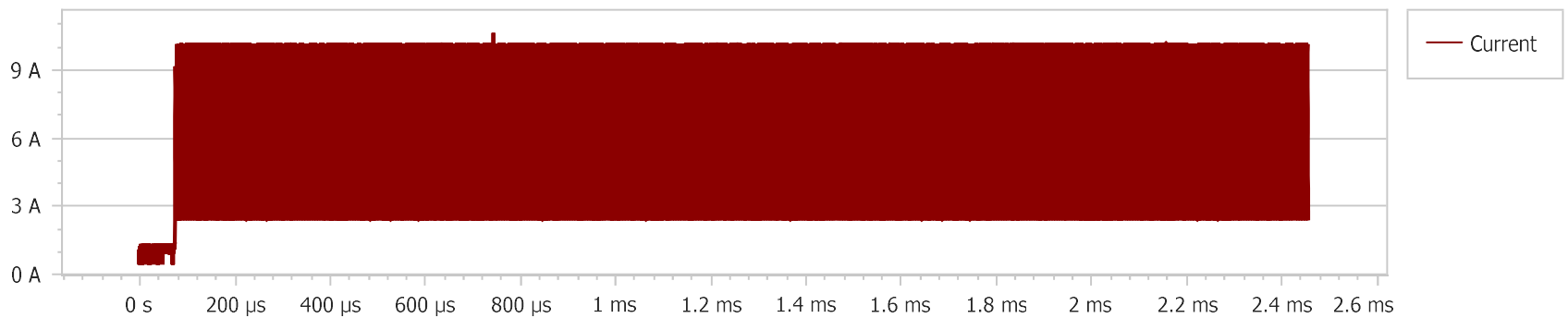
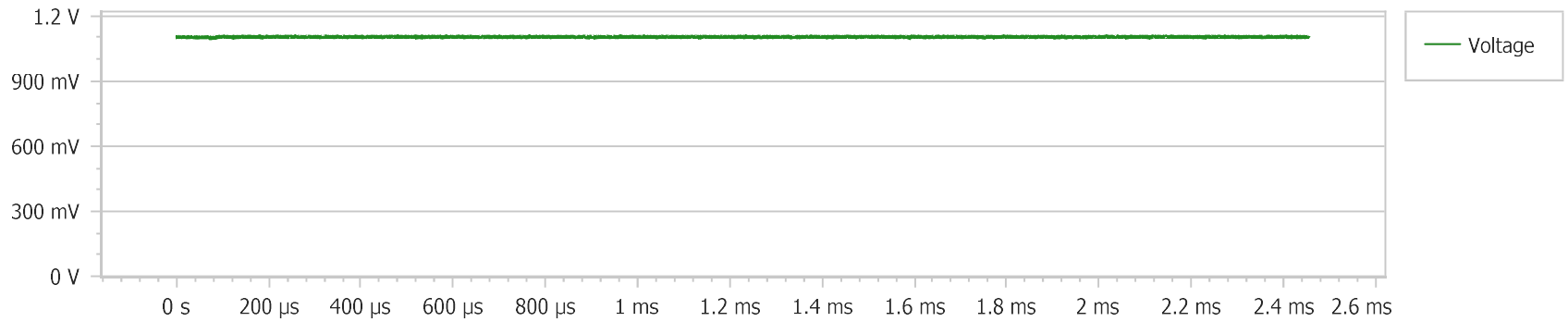
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

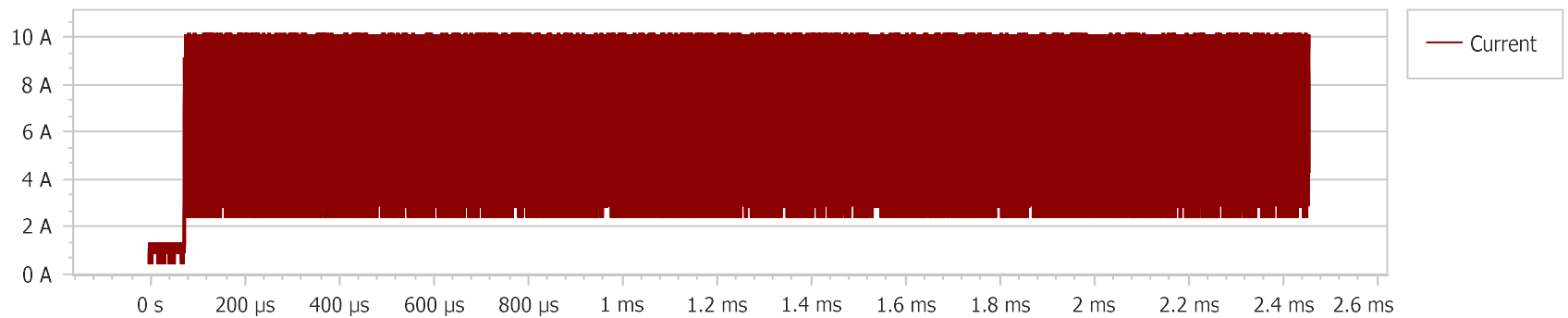
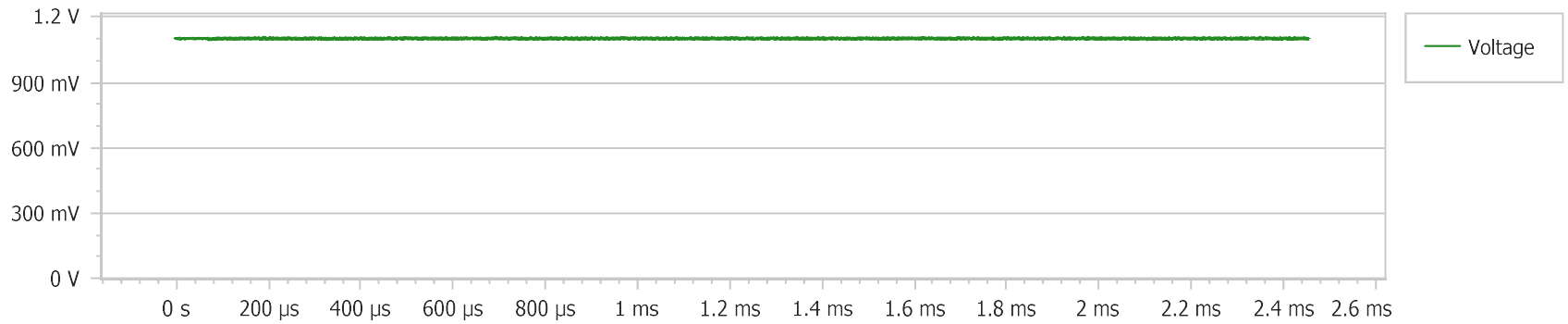
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

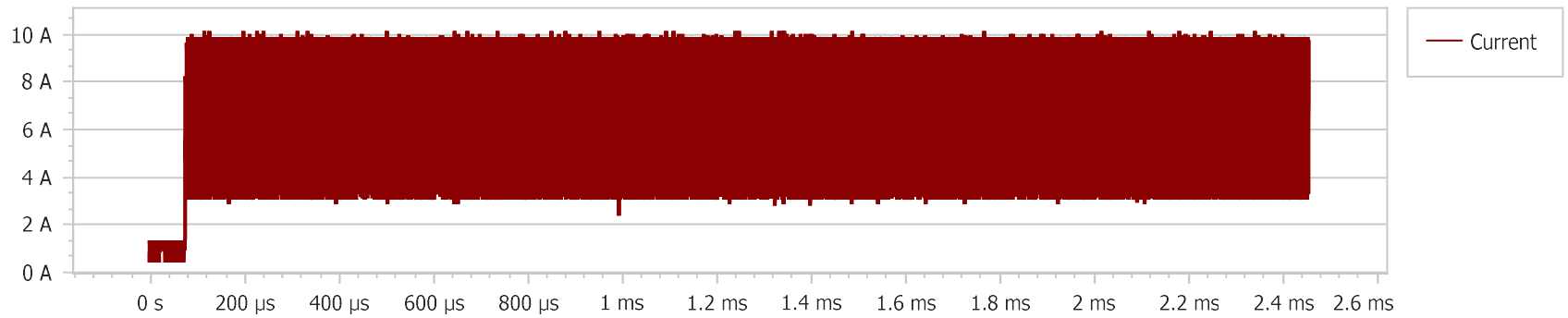
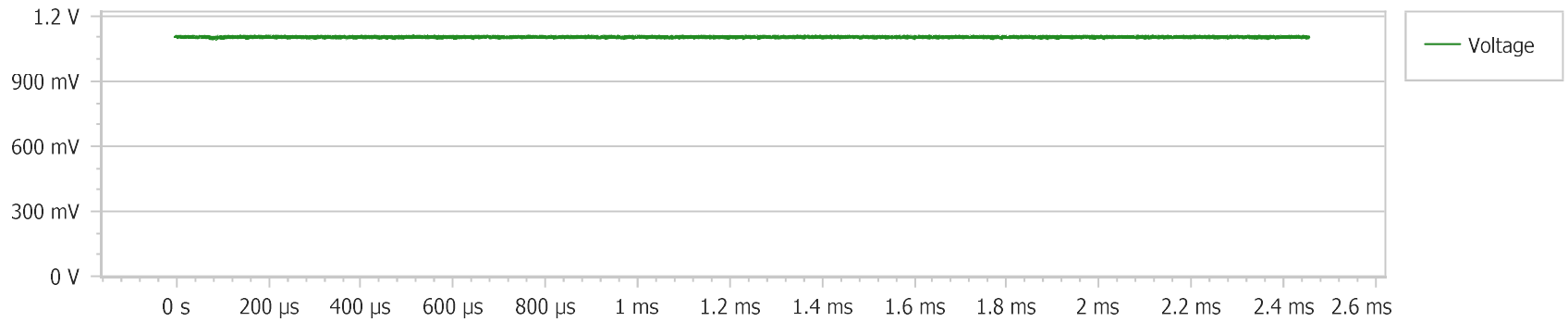
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

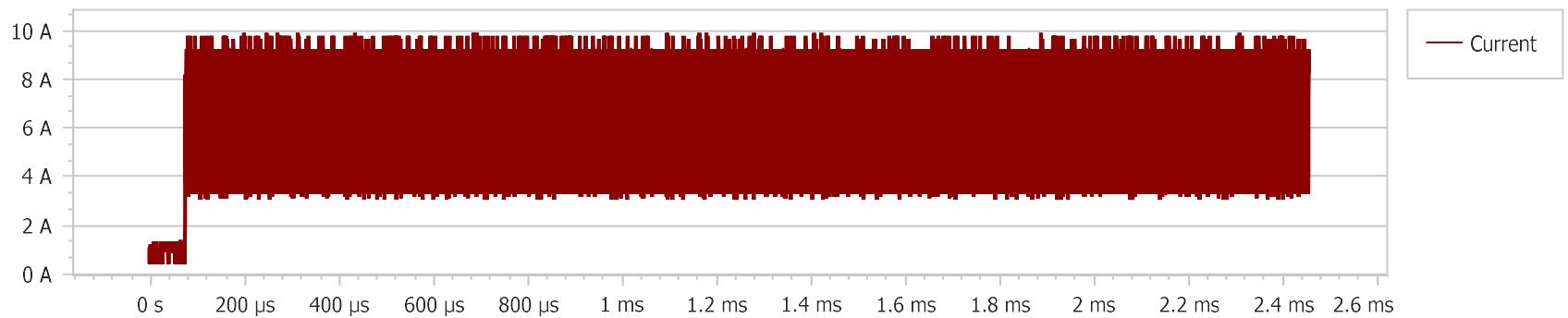
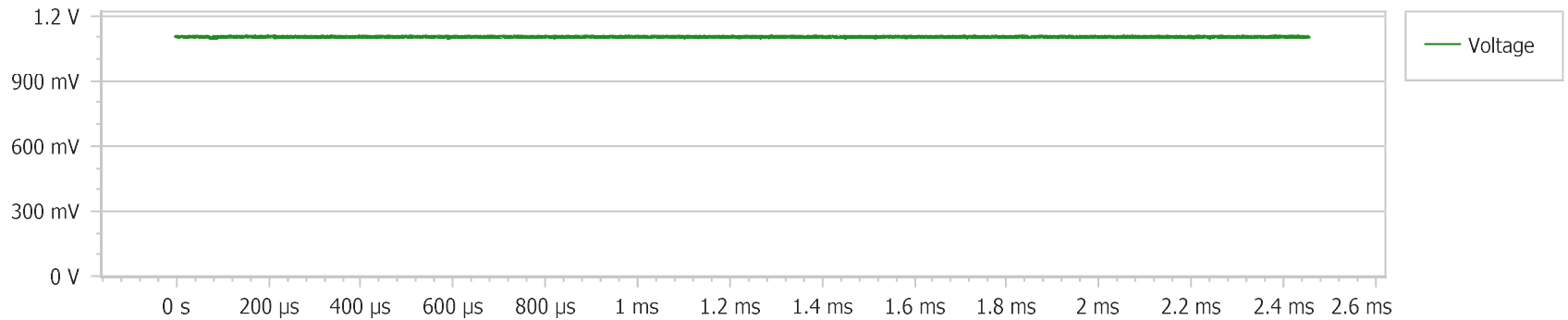
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

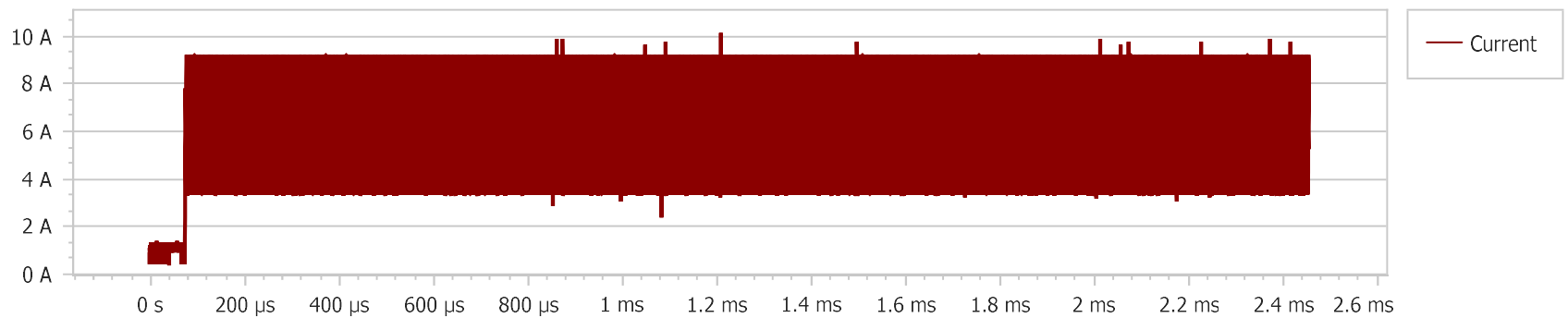
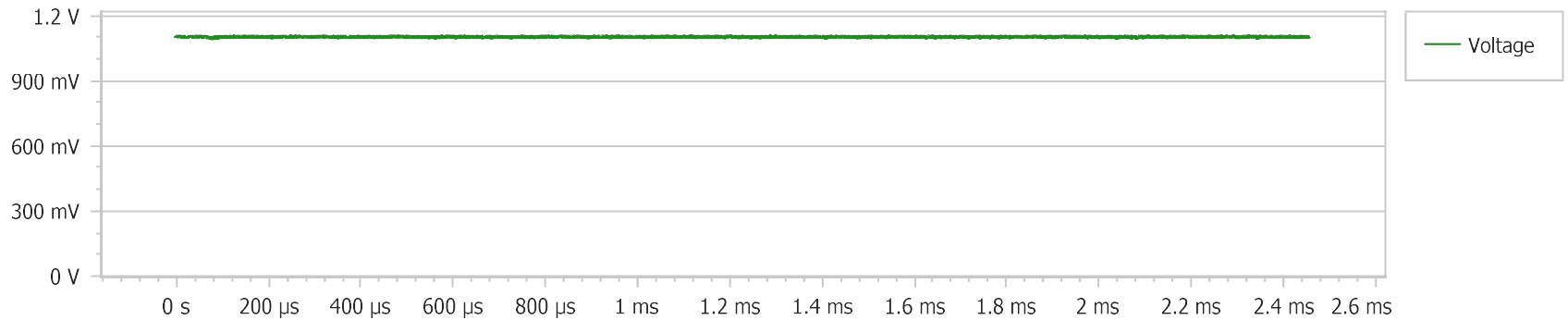
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

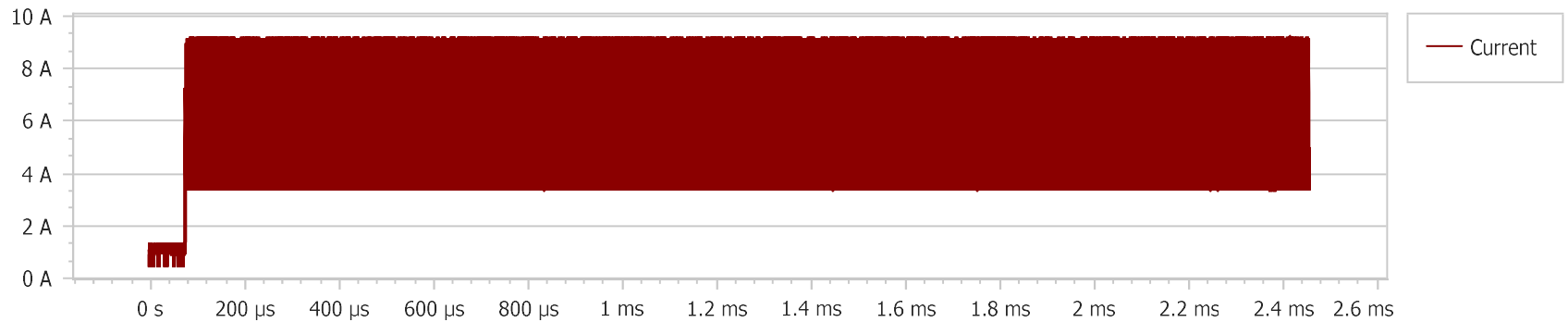
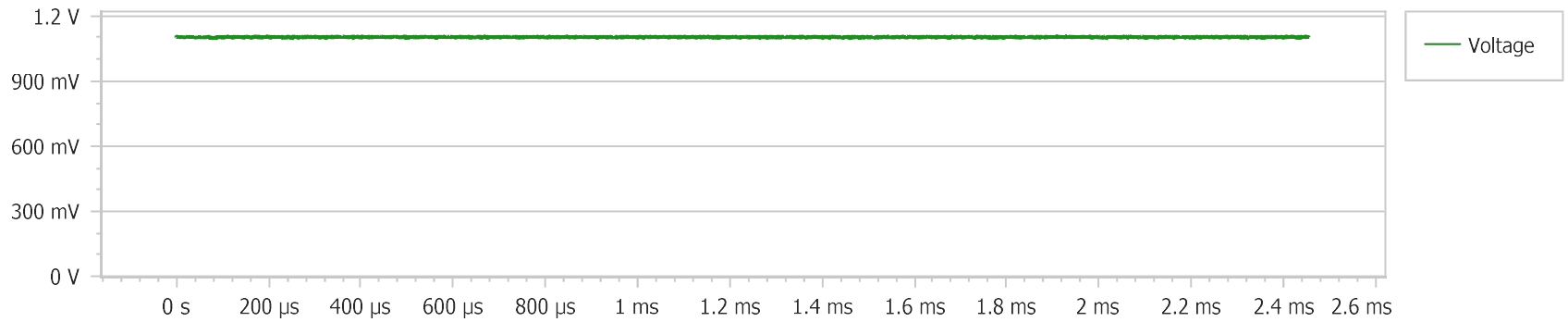
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

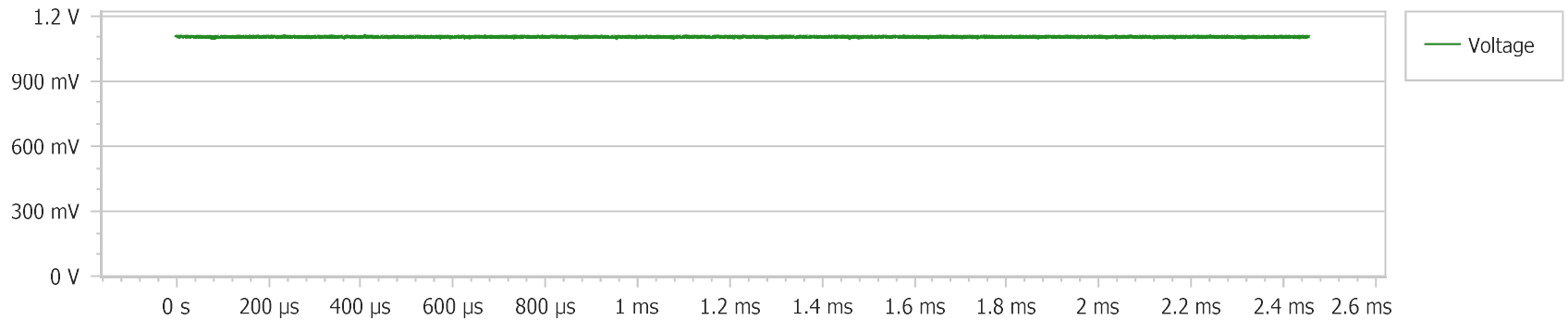
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

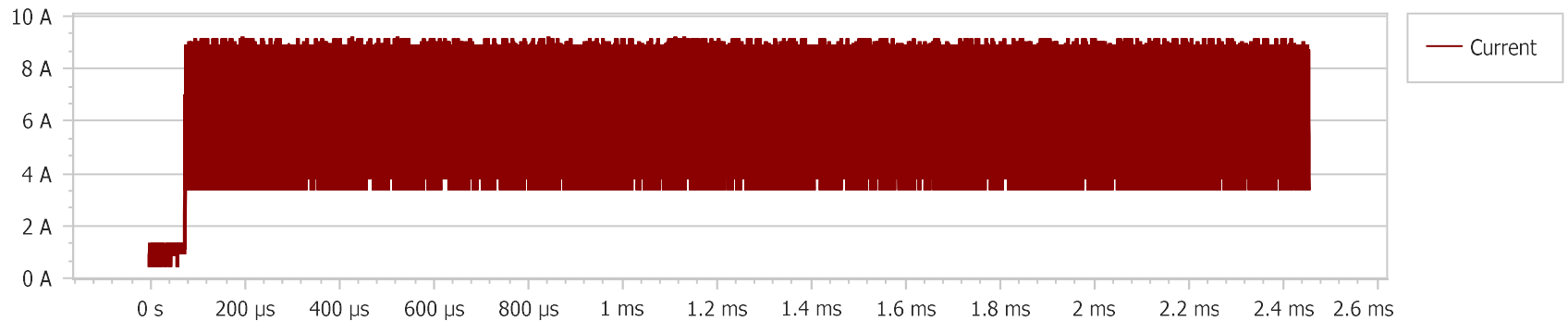
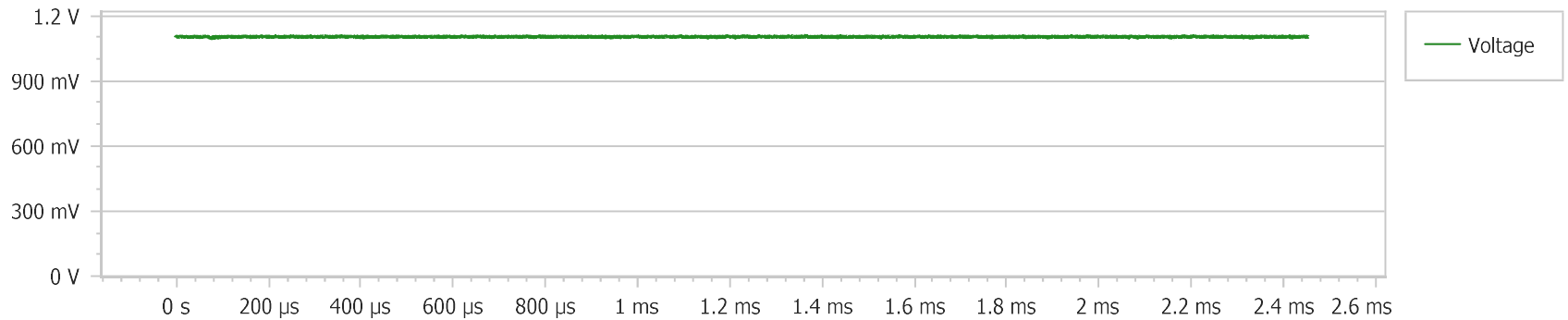
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

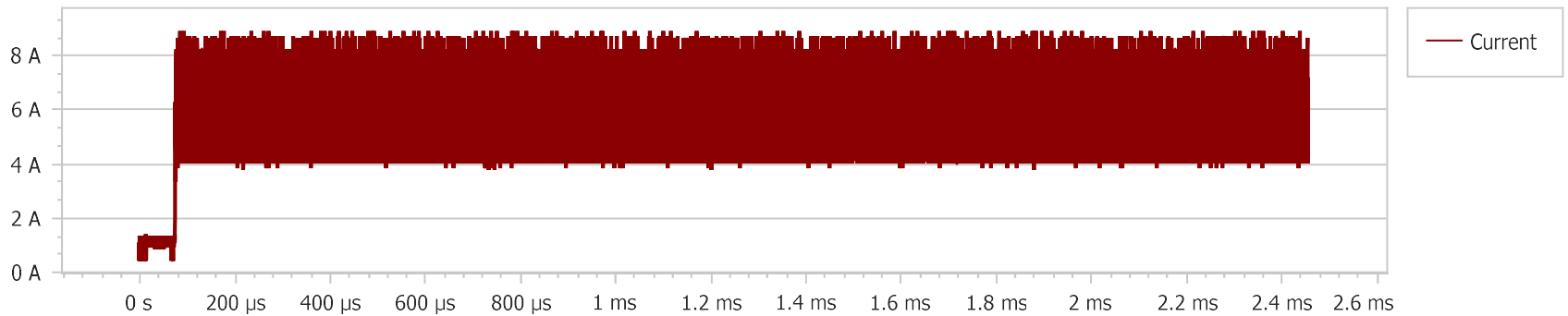
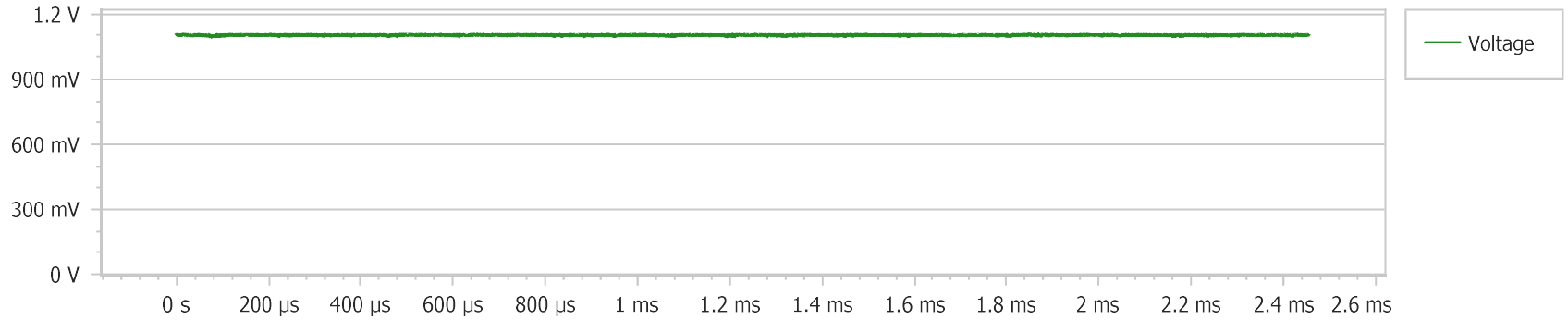
Duty Cycle: 50 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 1 kHz

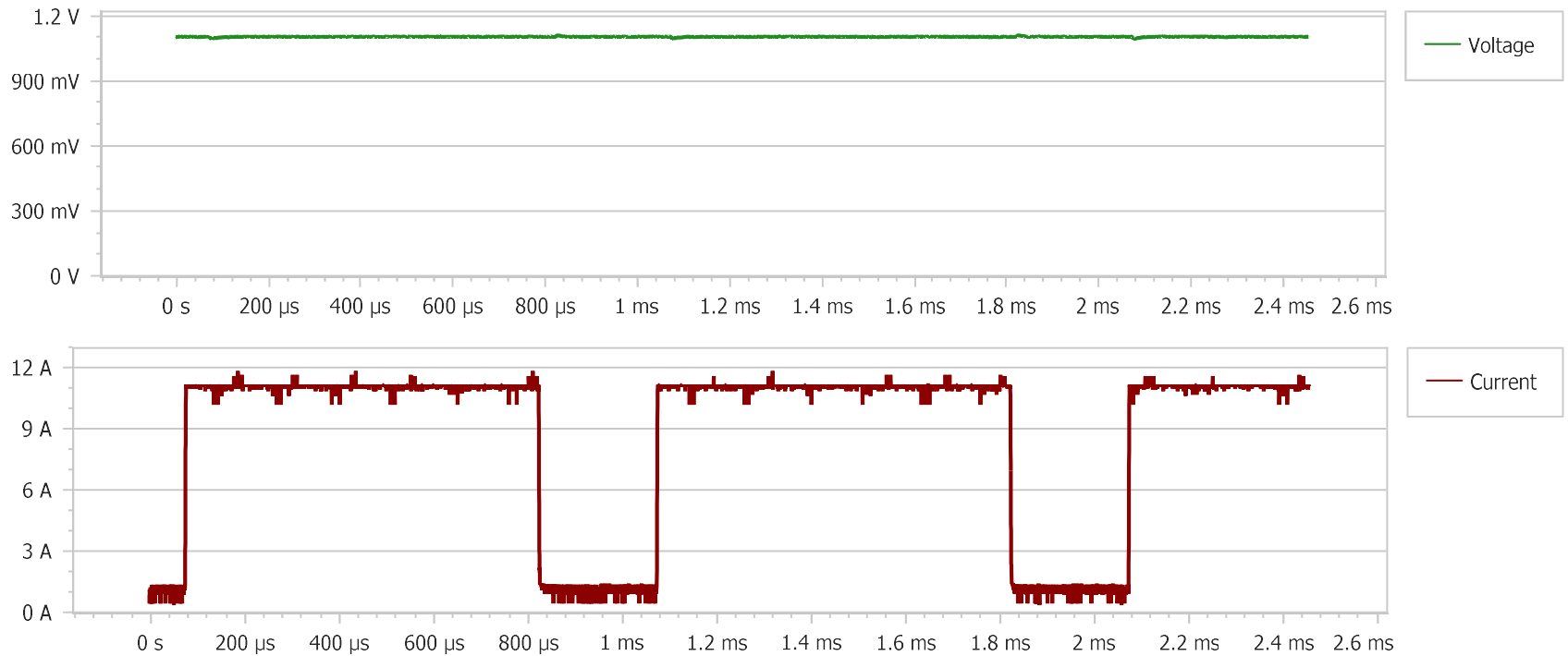
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 2 kHz

Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 3 kHz

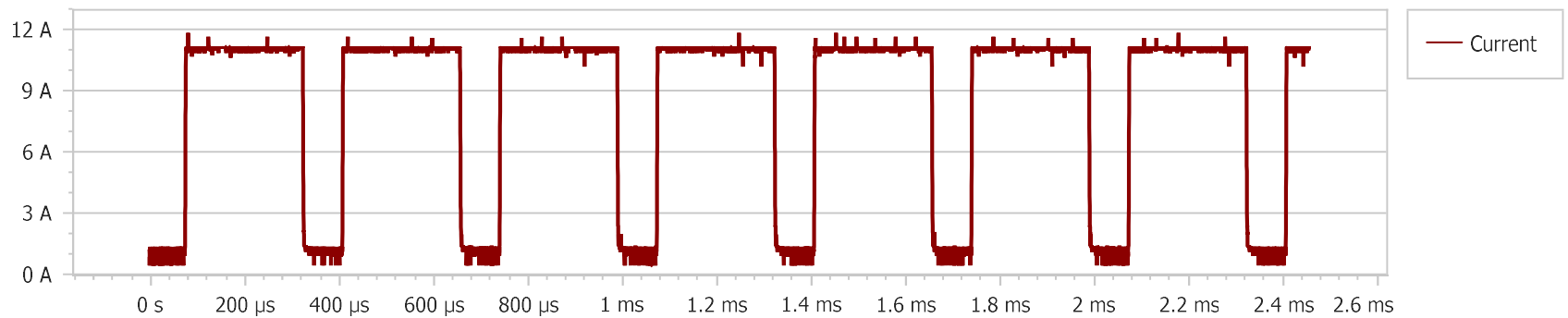
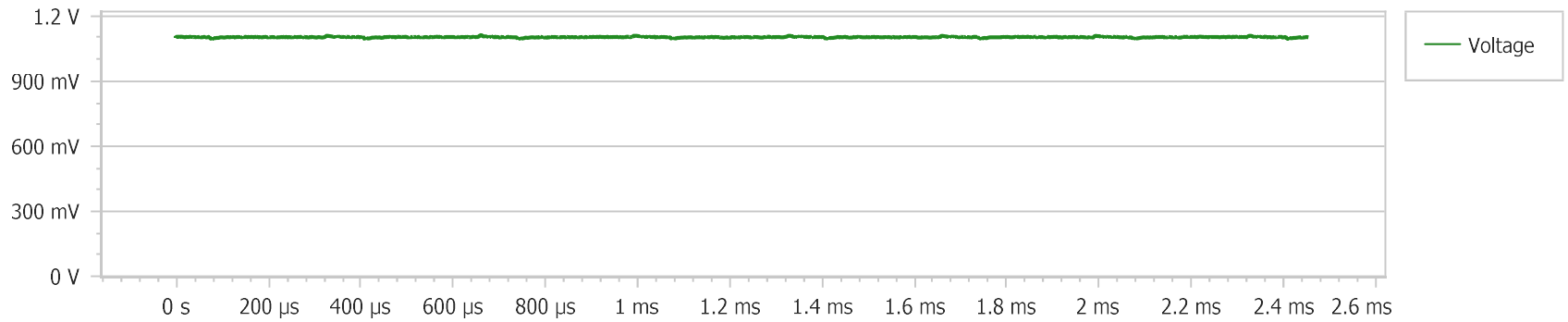
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 4 kHz

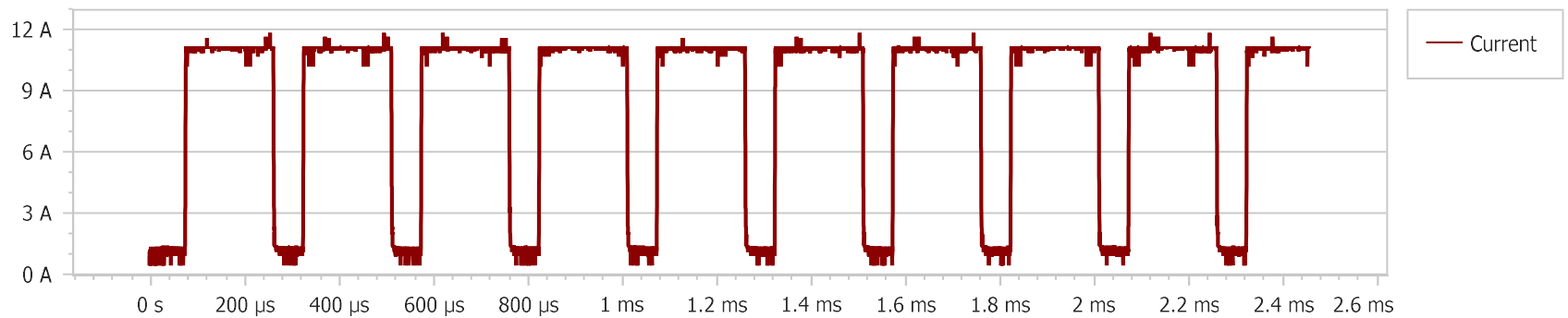
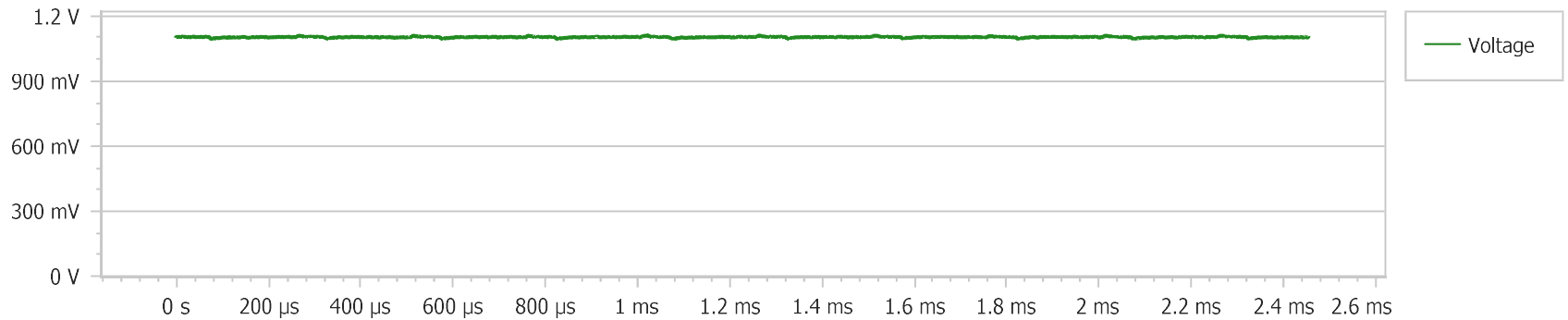
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 5 kHz

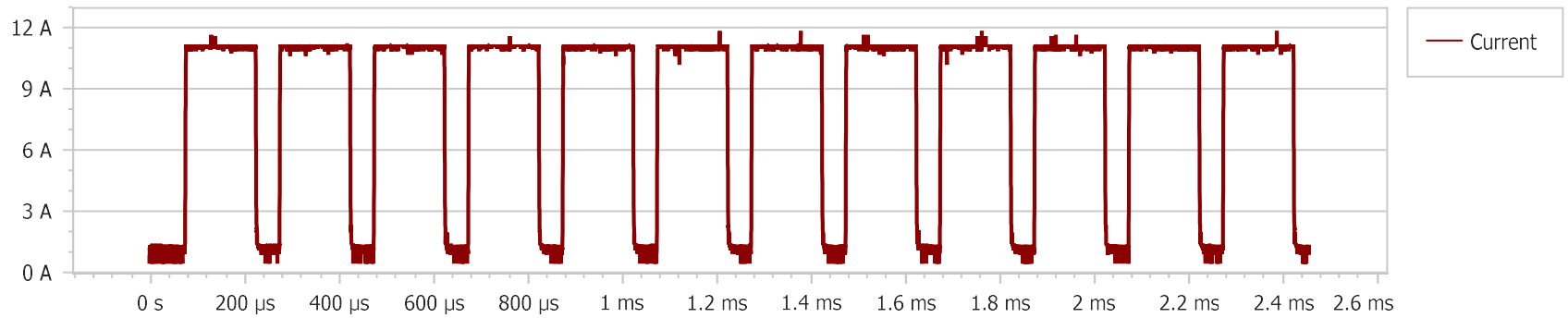
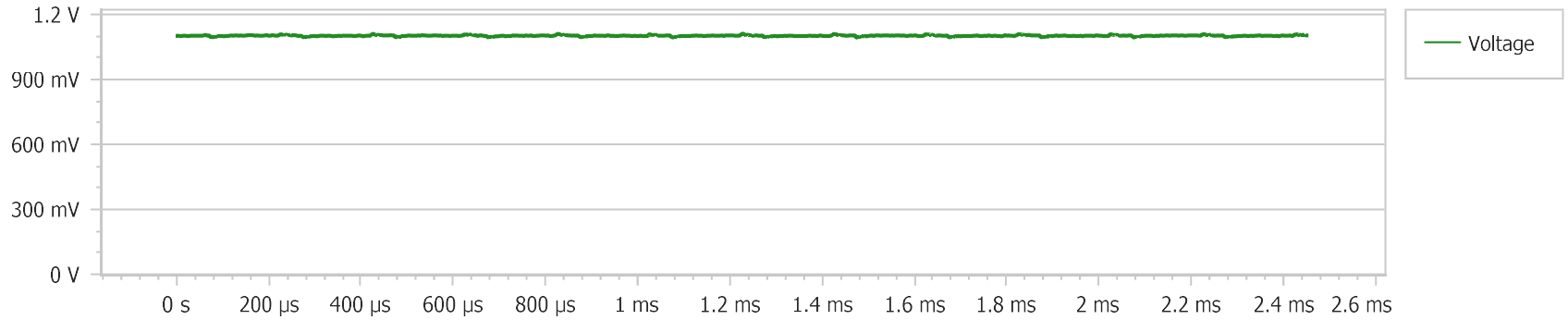
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 6 kHz

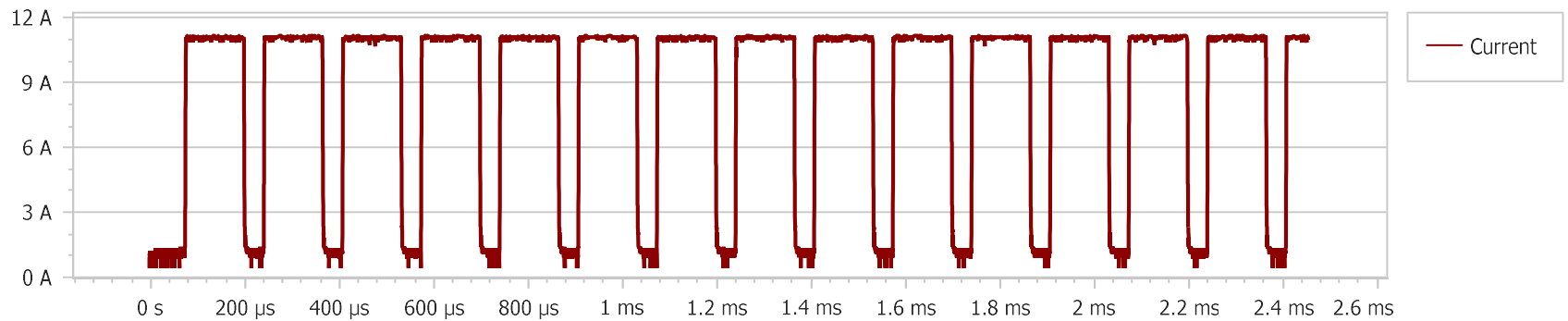
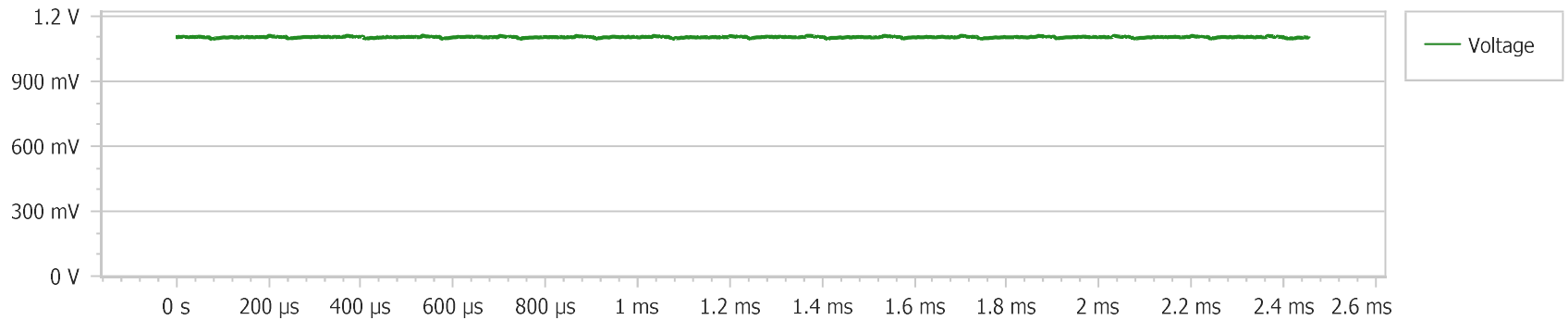
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 7 kHz

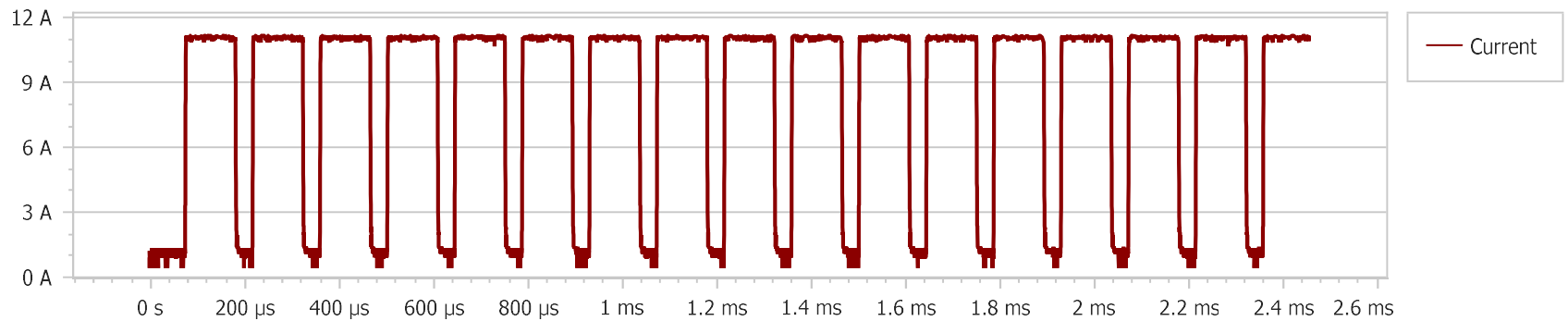
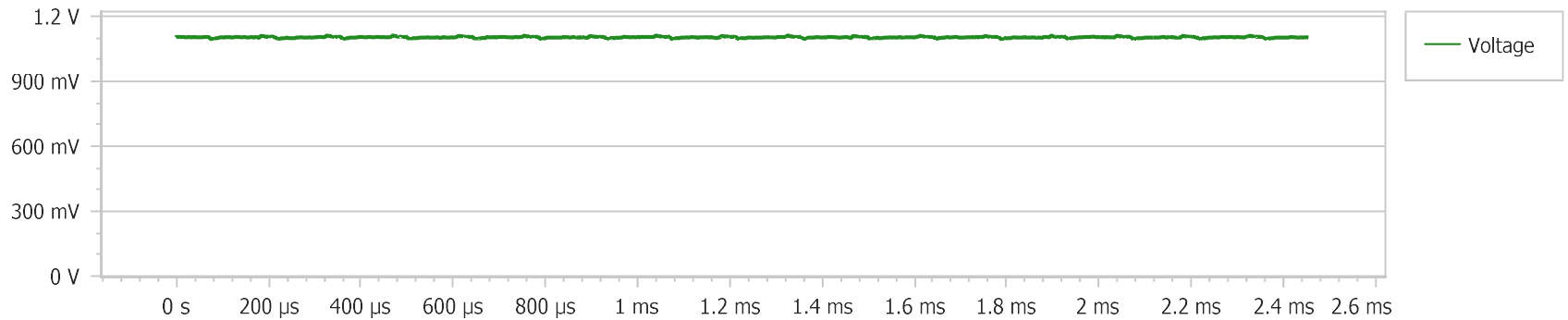
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 8 kHz

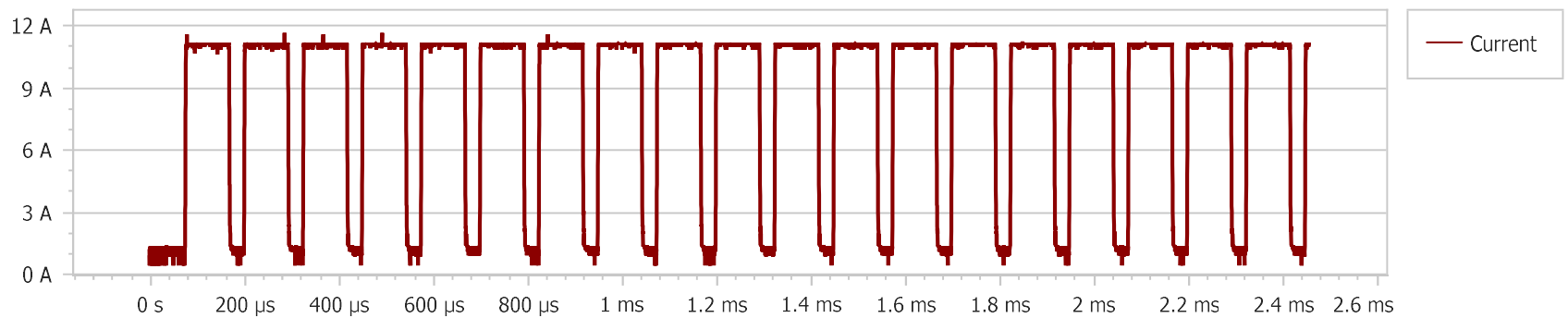
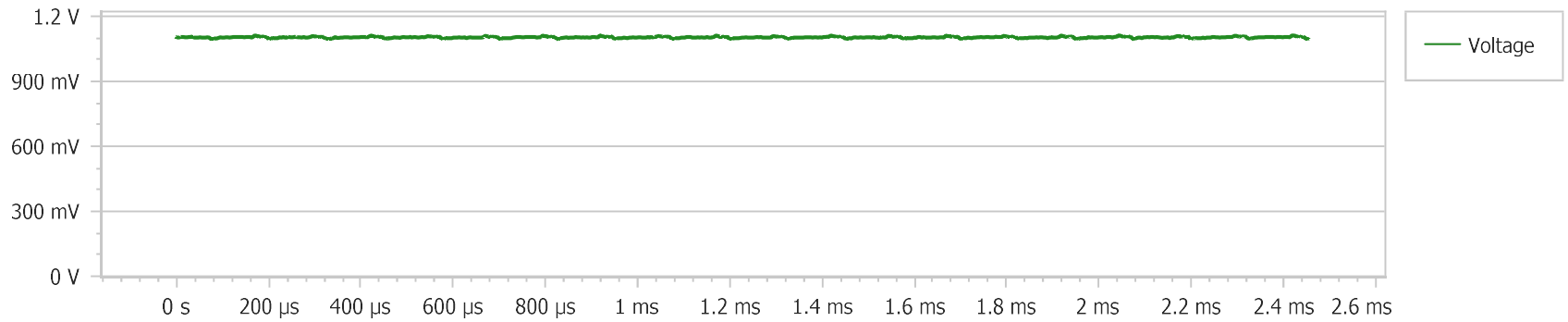
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 9 kHz

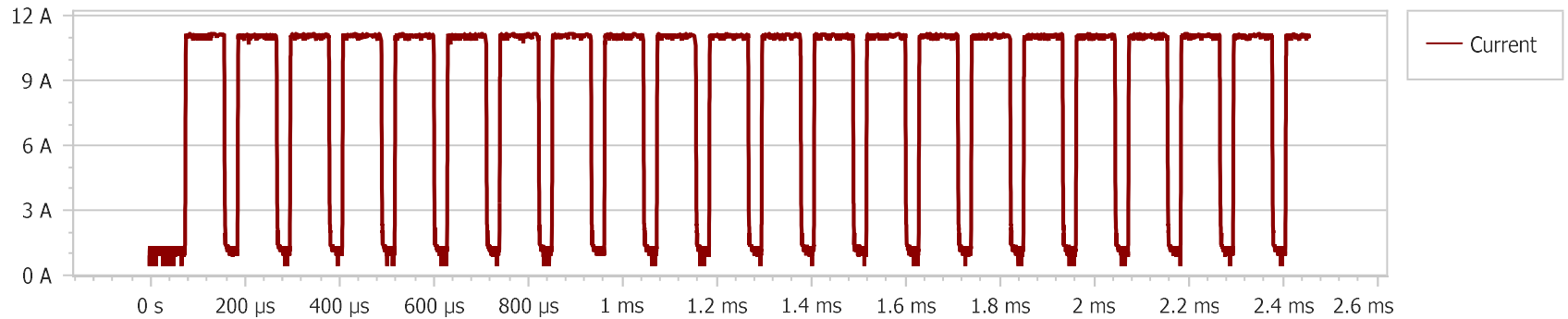
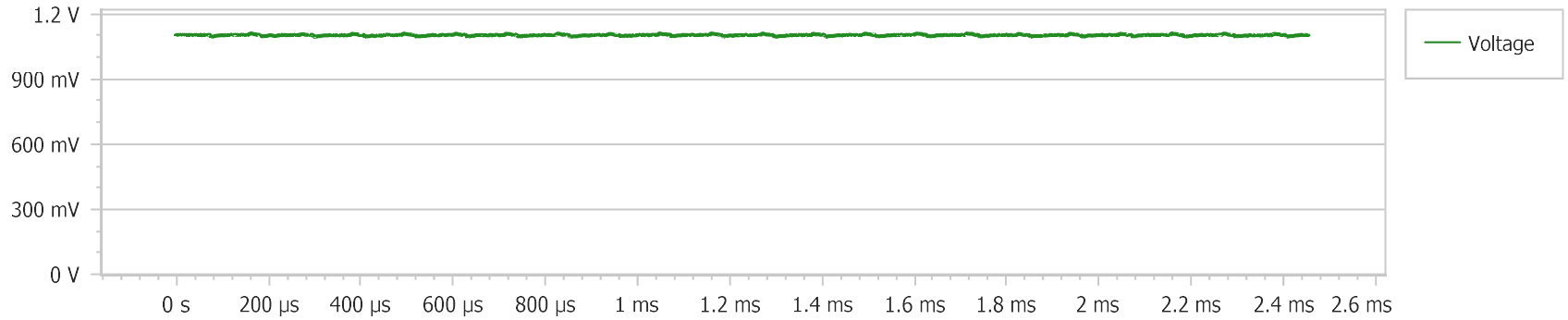
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 10 kHz

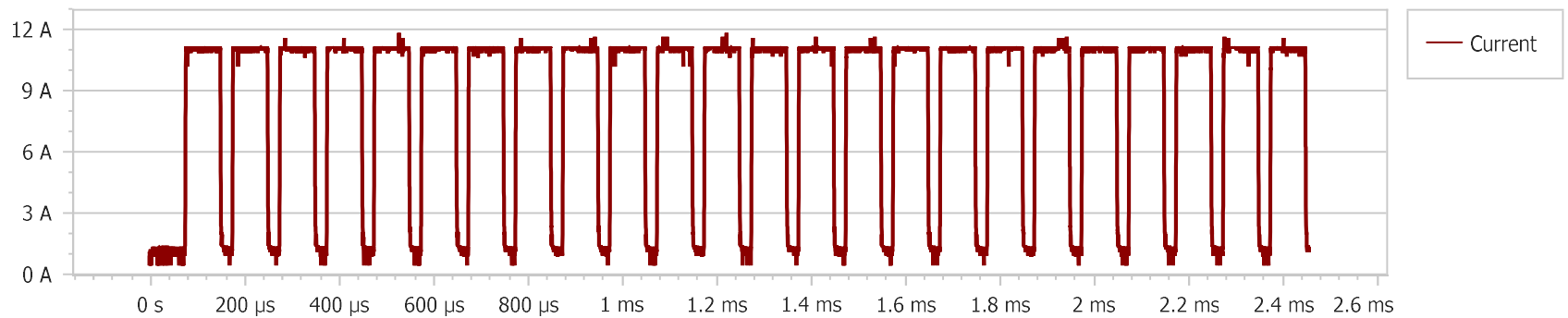
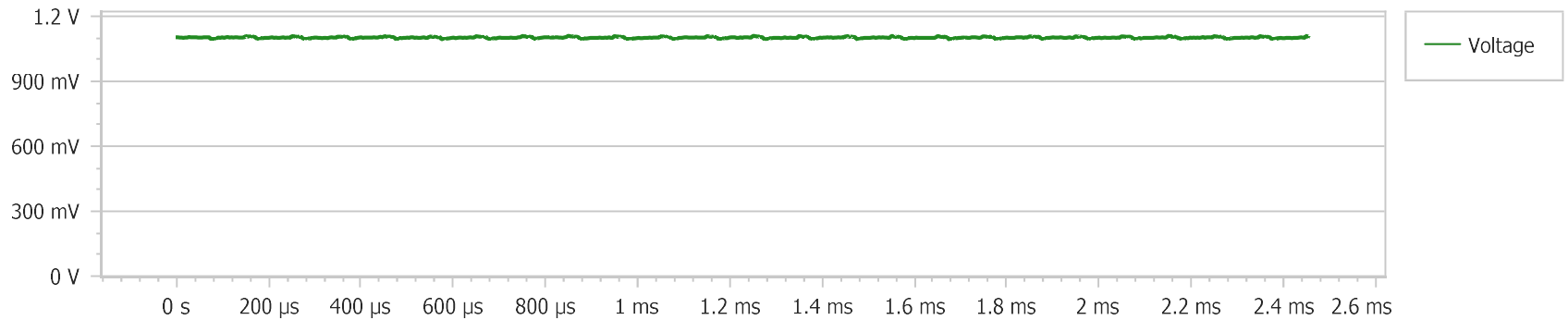
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 20 kHz

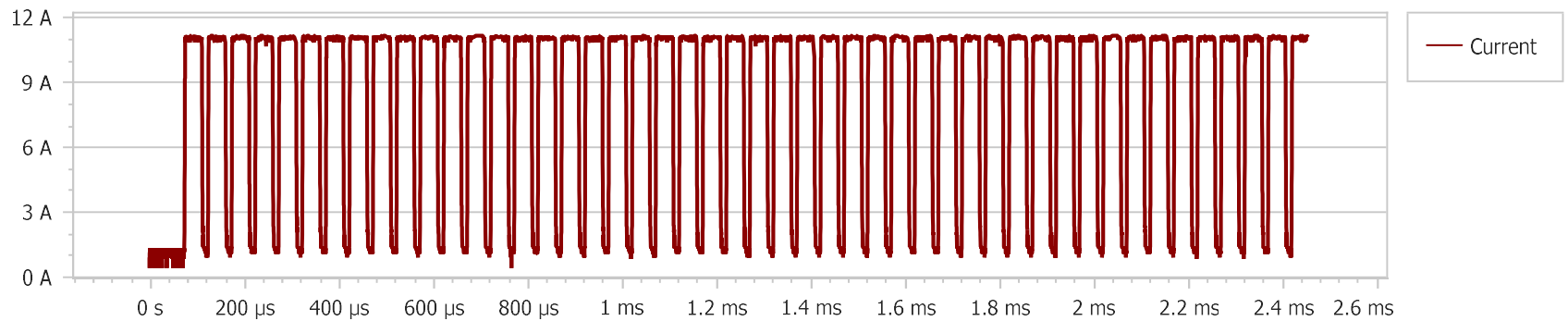
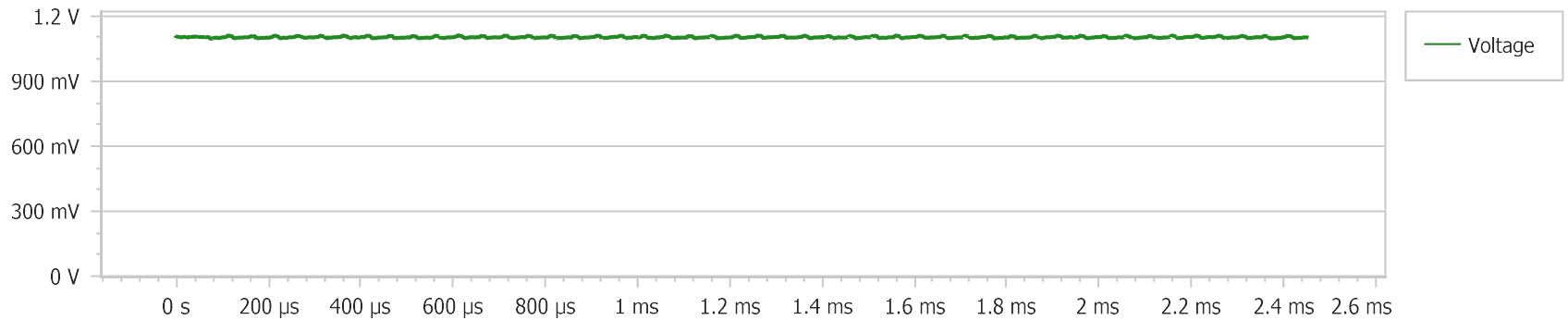
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 30 kHz

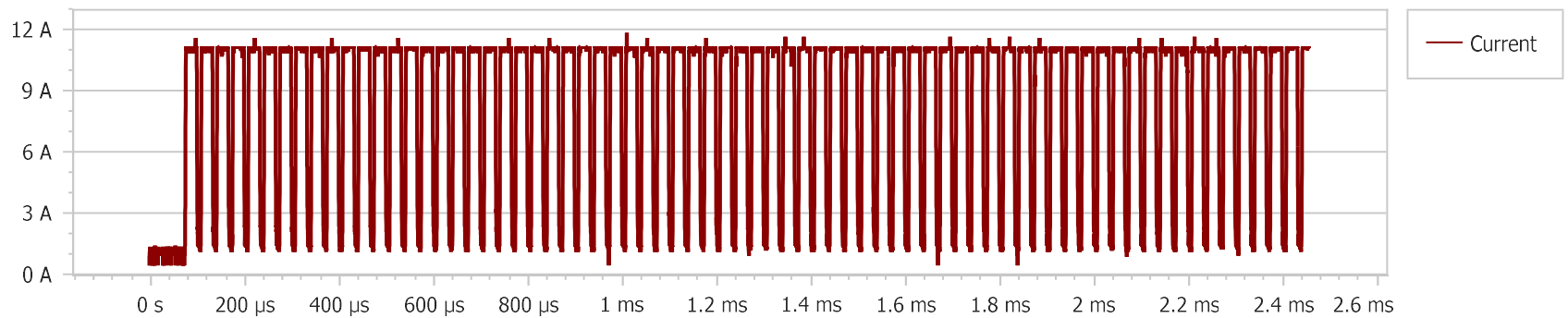
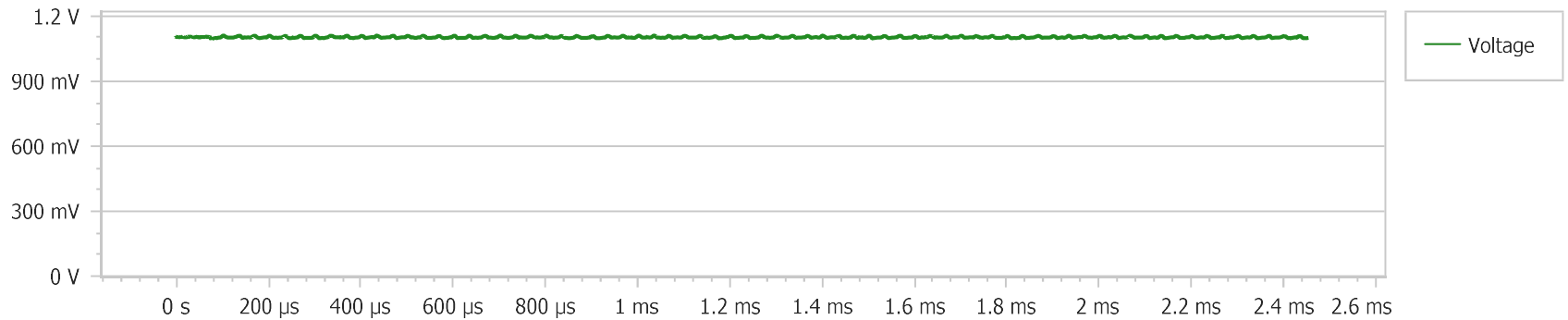
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 40 kHz

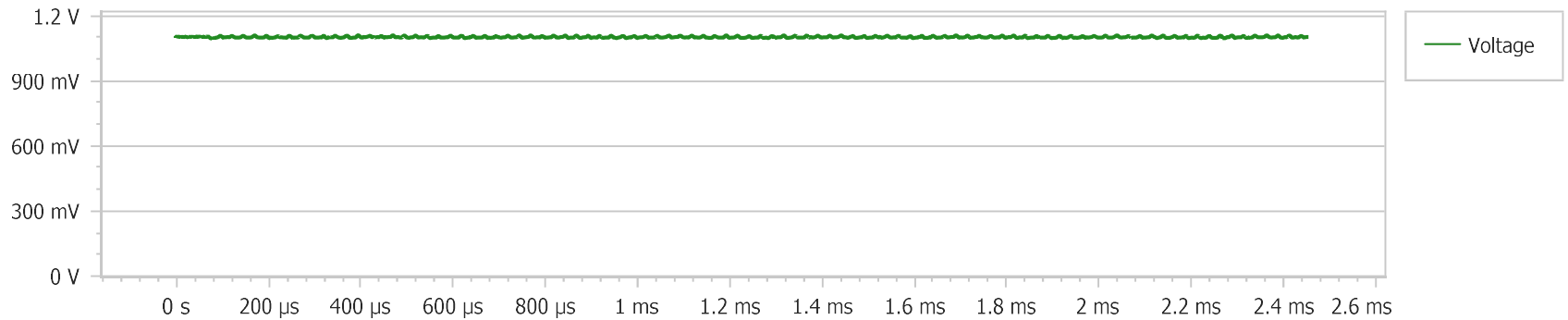
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 50 kHz

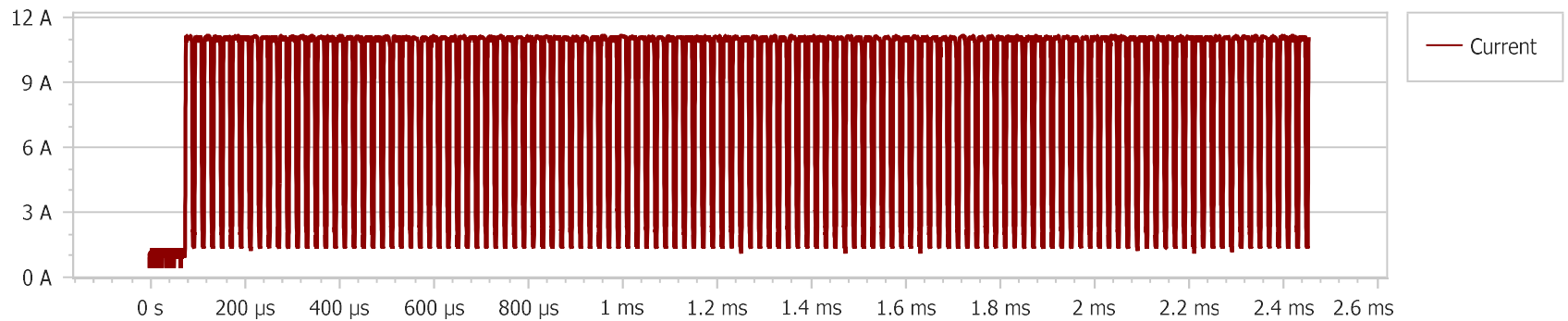
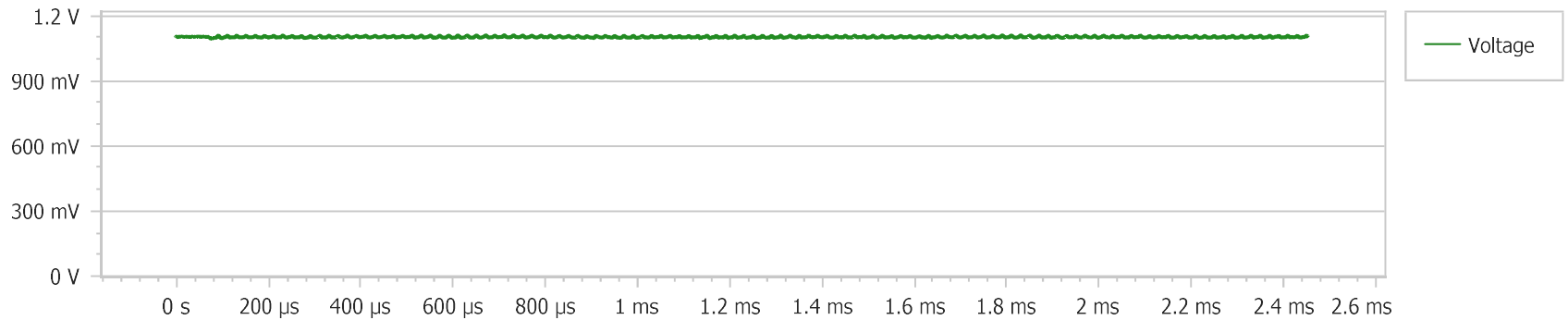
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 60 kHz

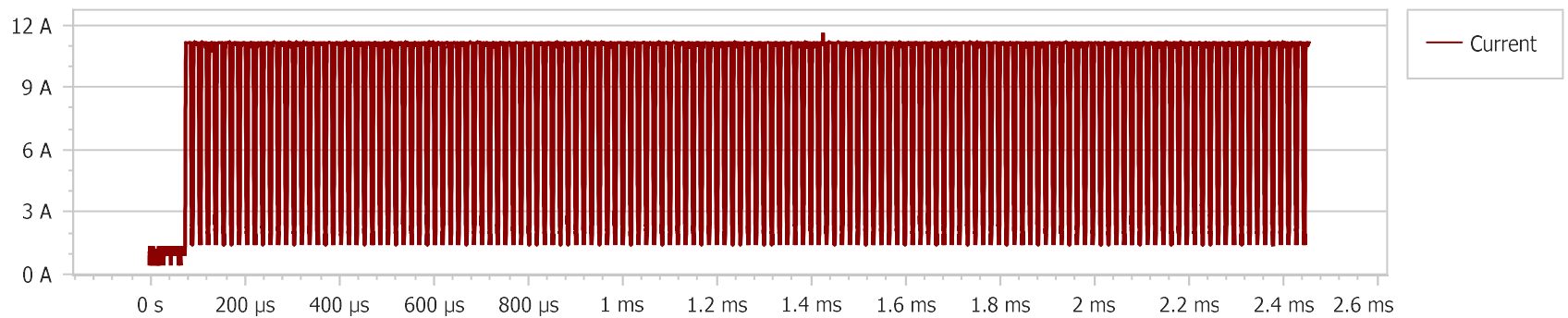
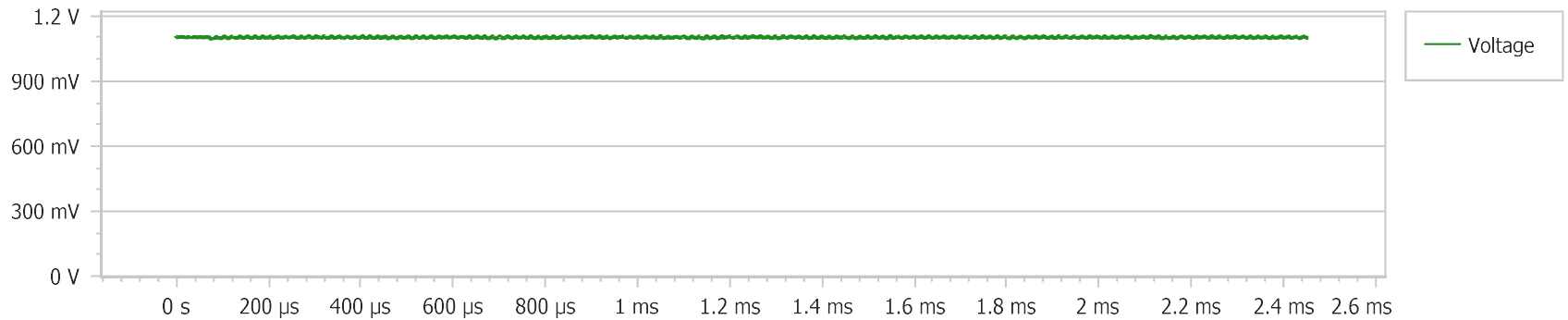
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 70 kHz

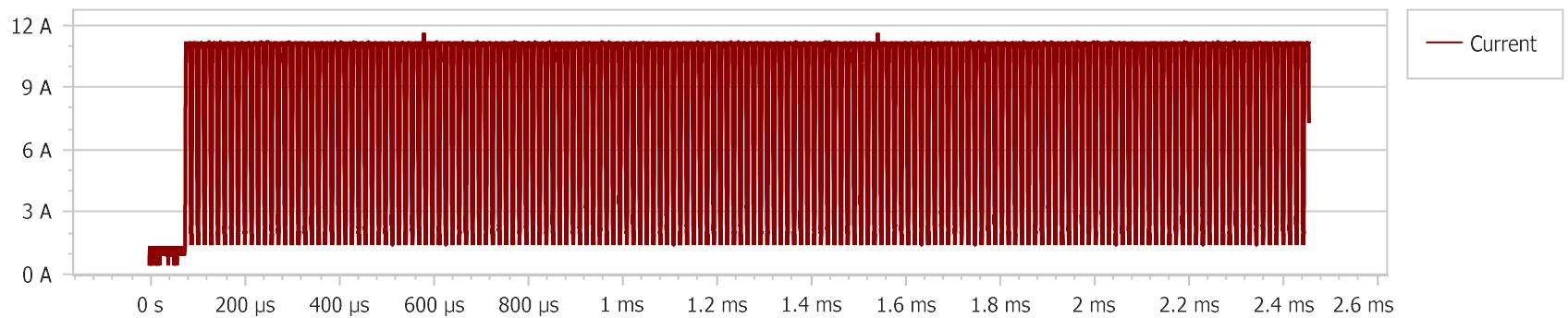
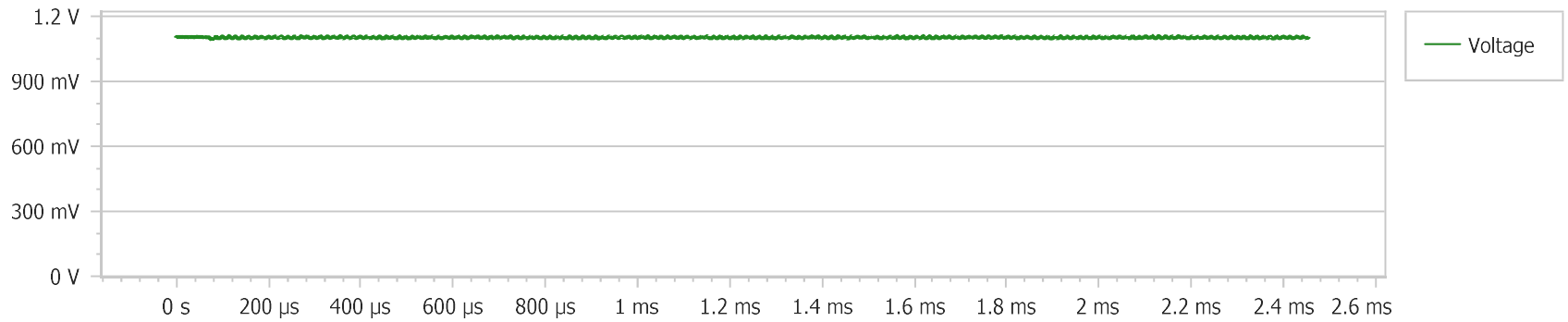
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 80 kHz

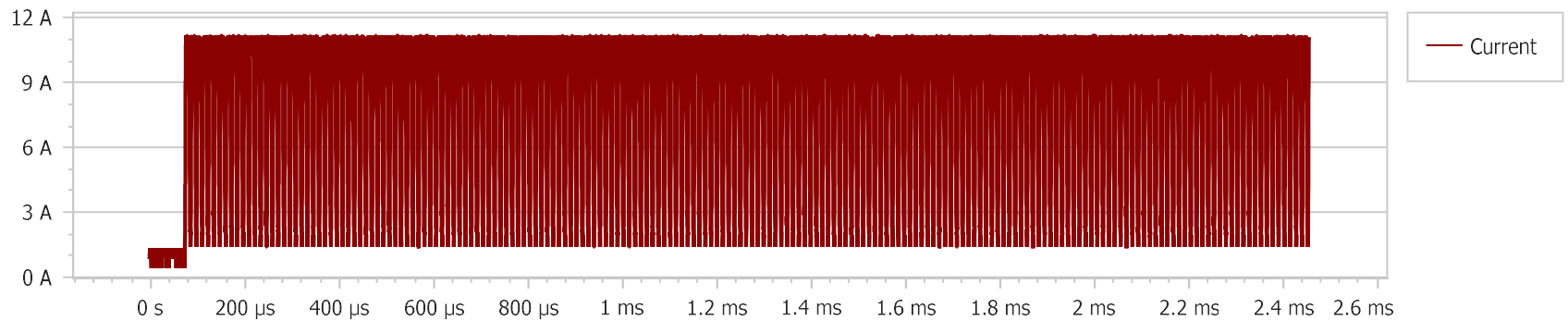
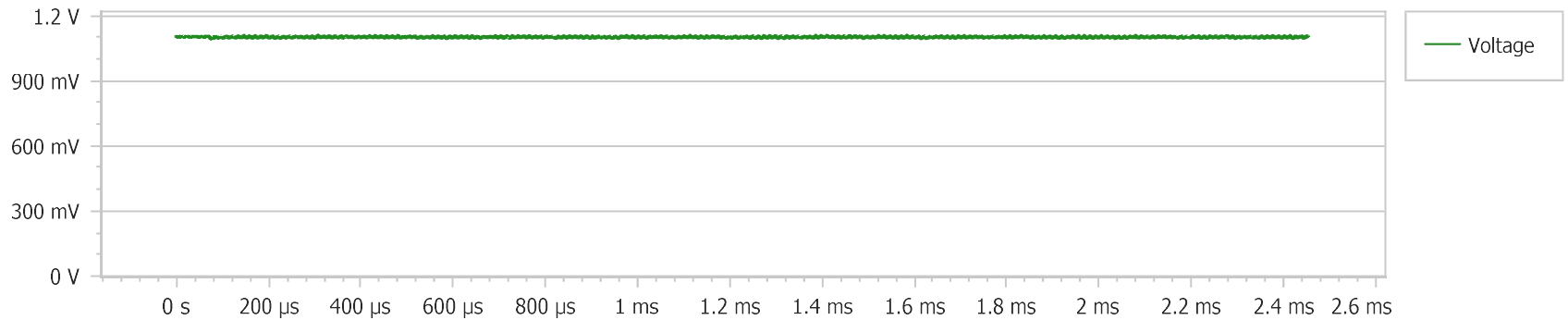
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 90 kHz

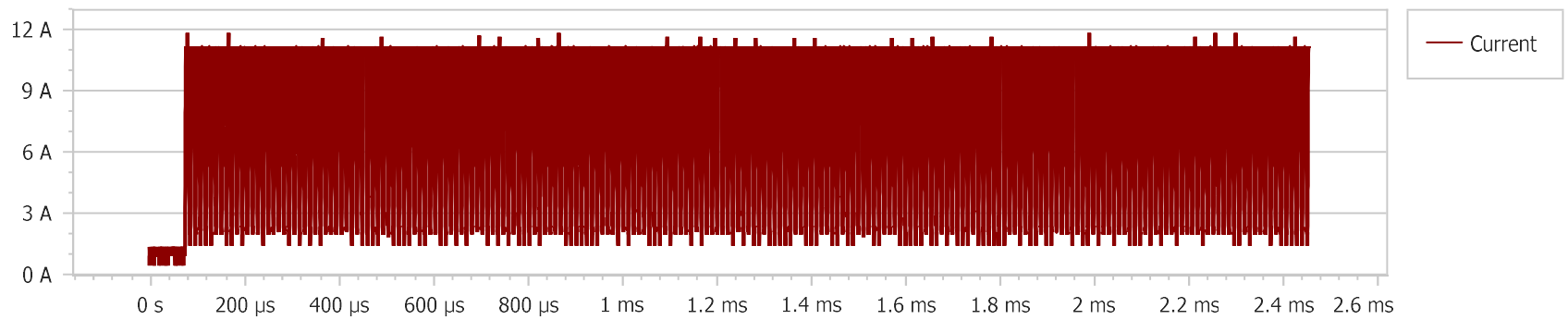
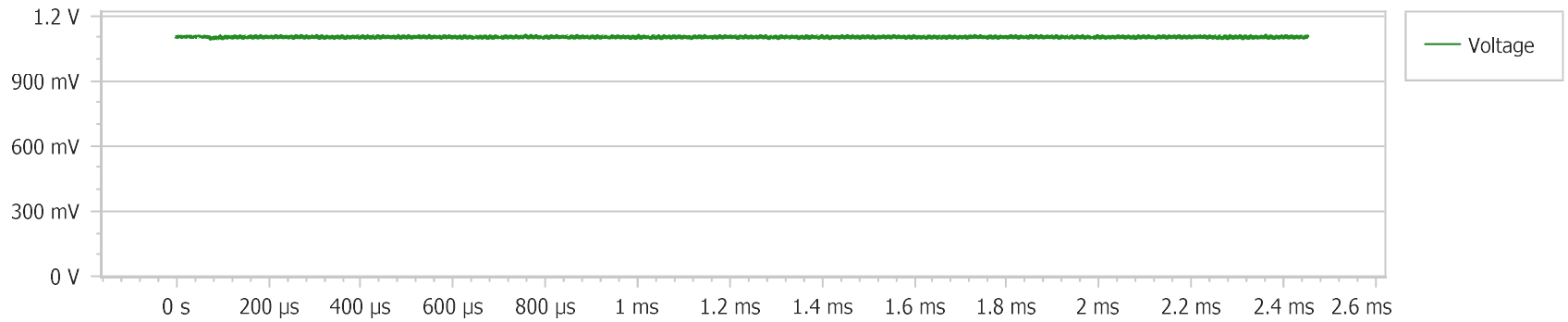
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 100 kHz

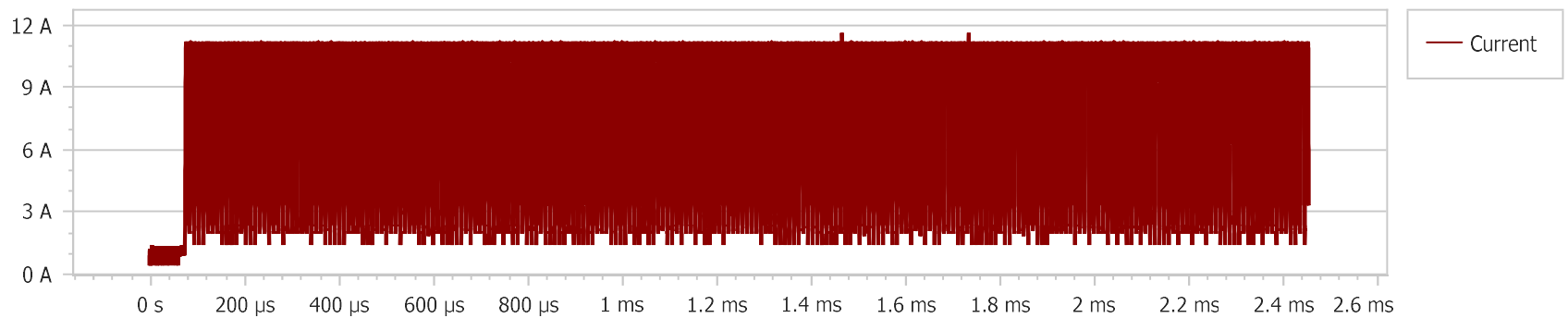
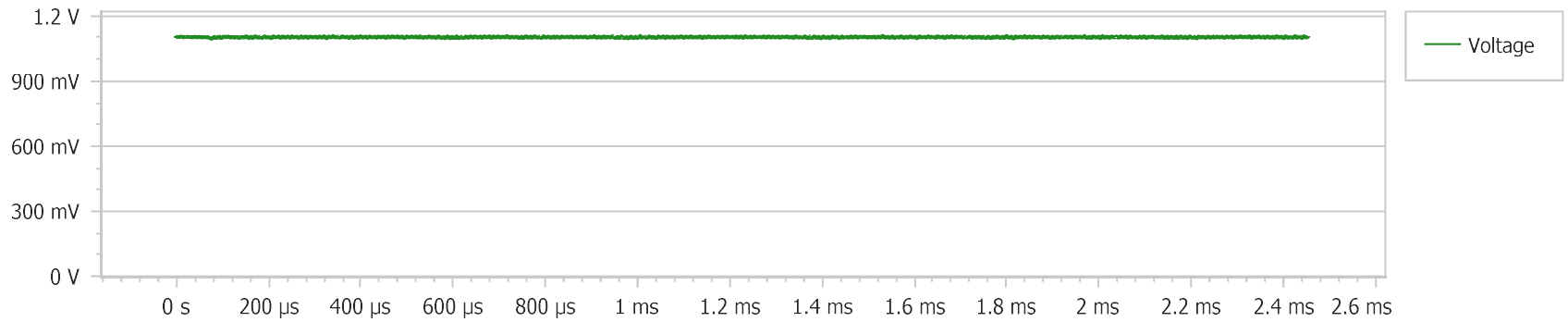
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 120 kHz

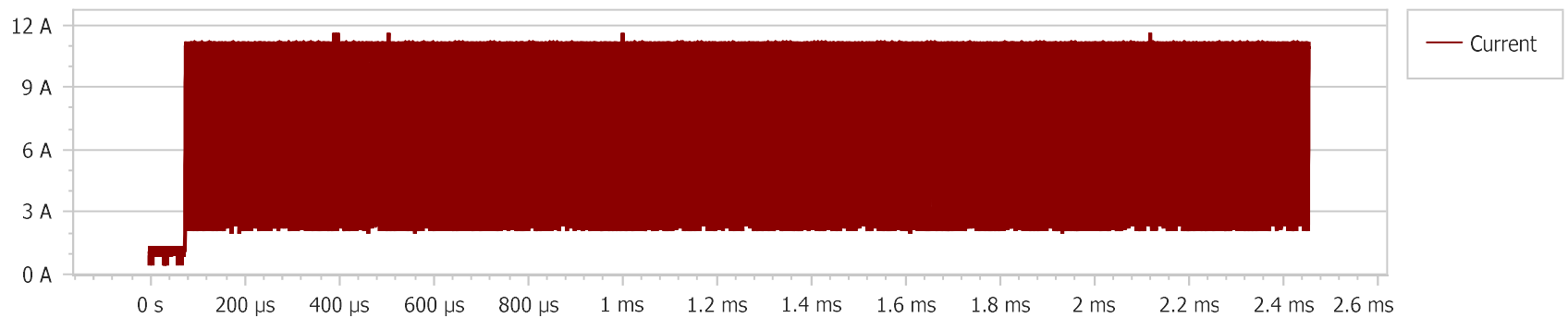
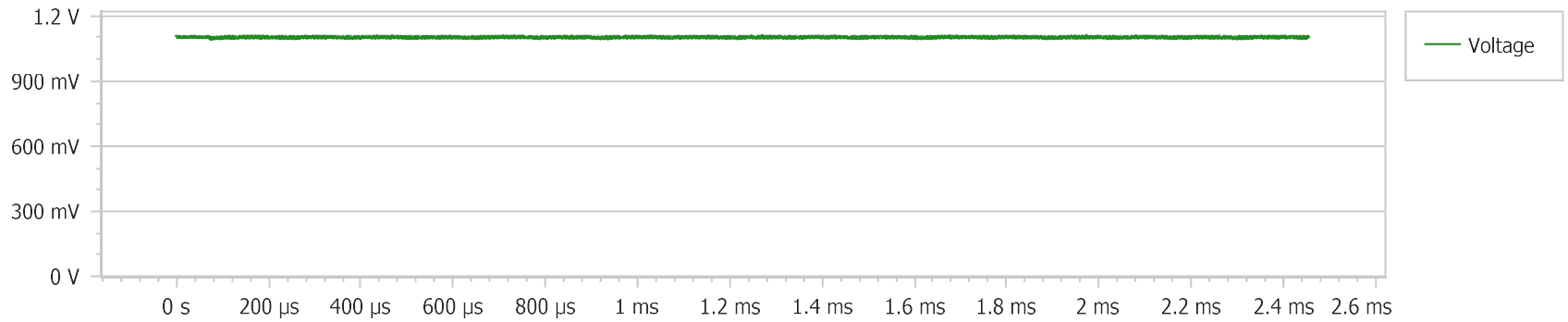
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 140 kHz

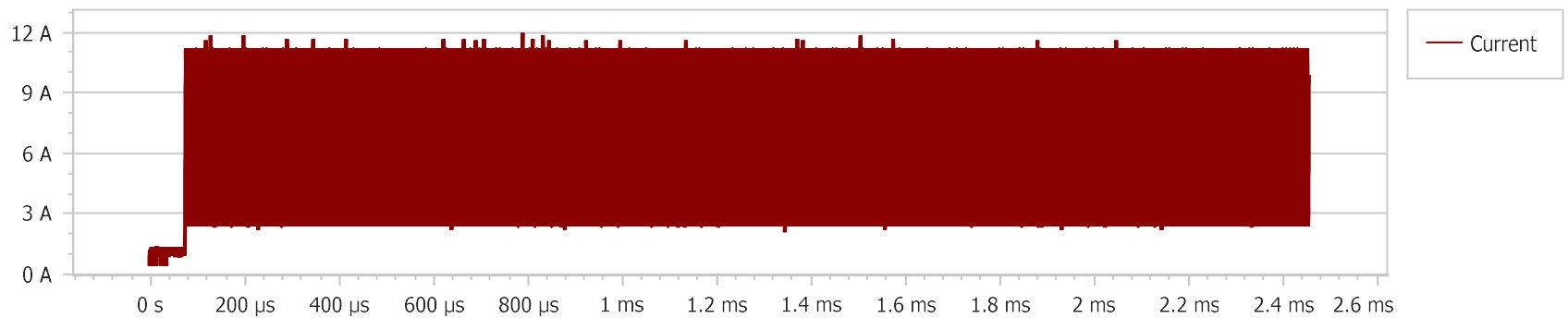
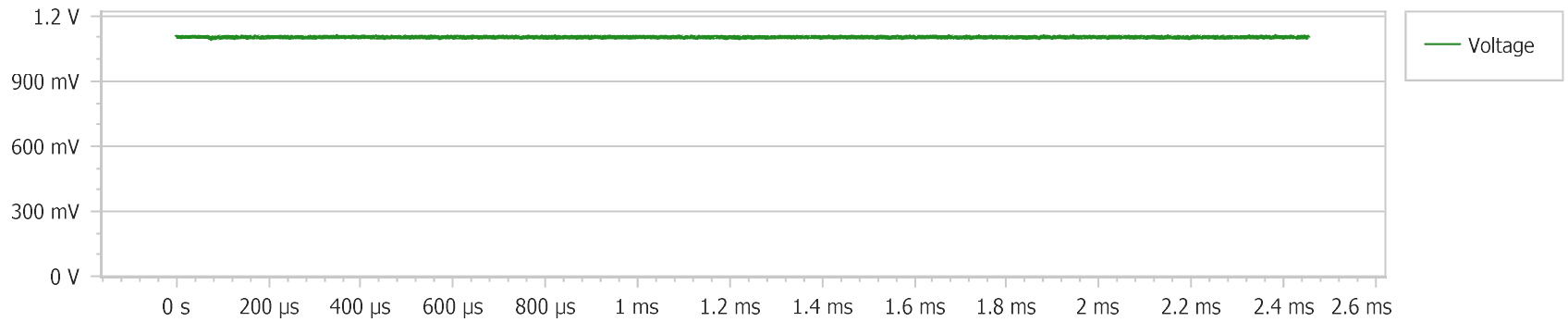
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 160 kHz

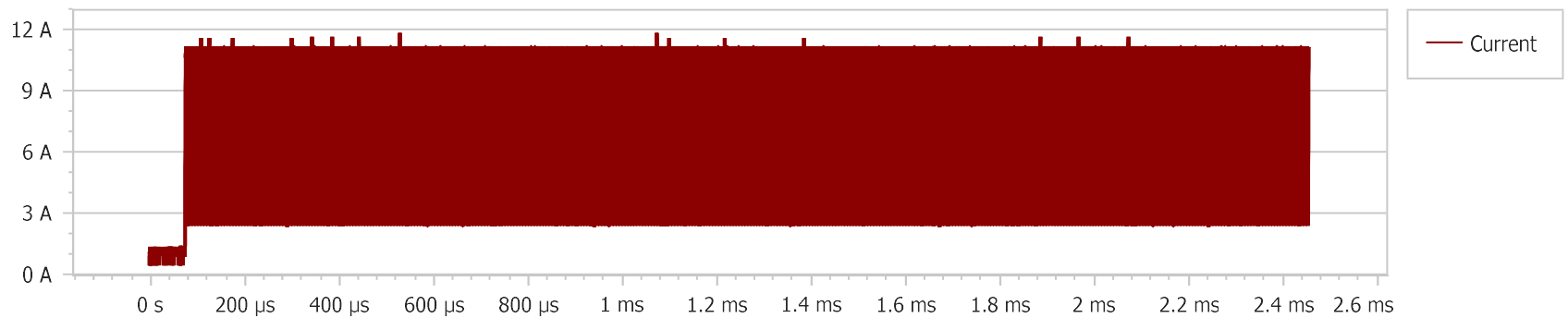
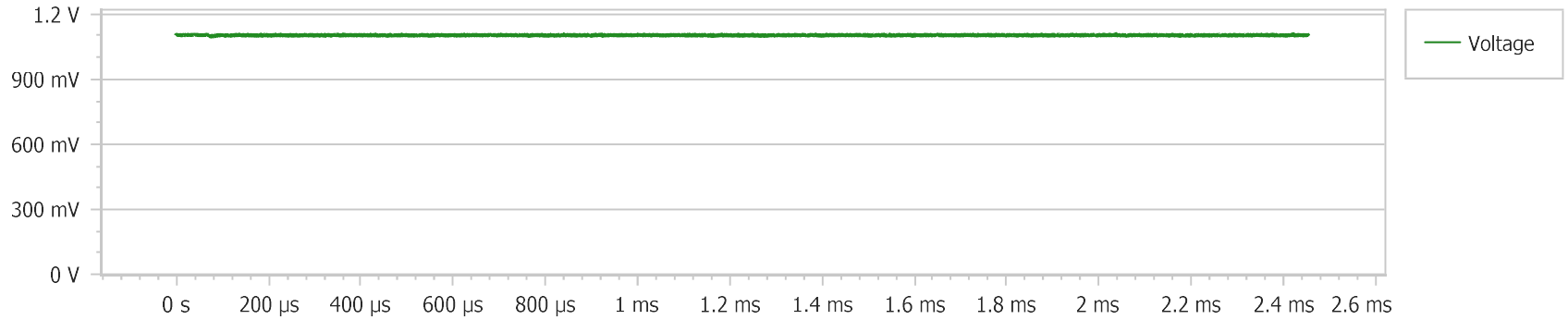
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 180 kHz

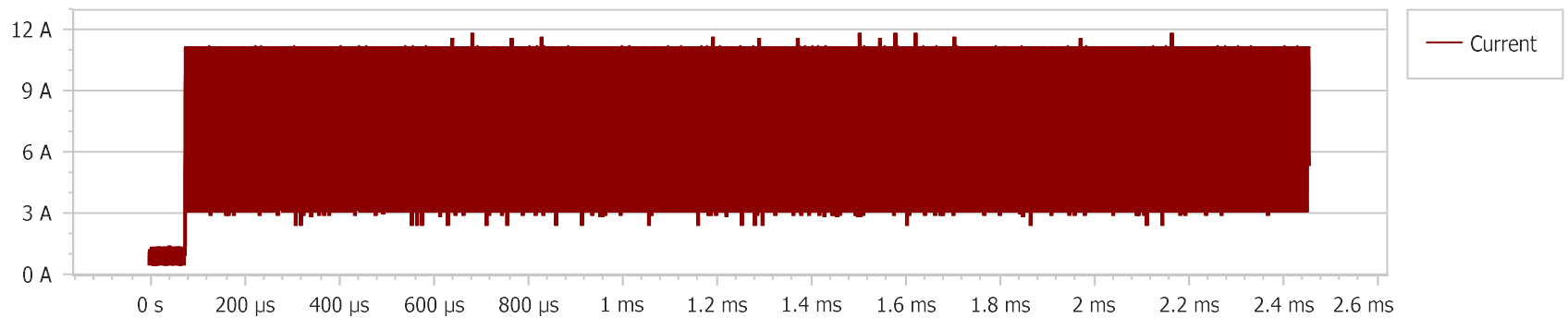
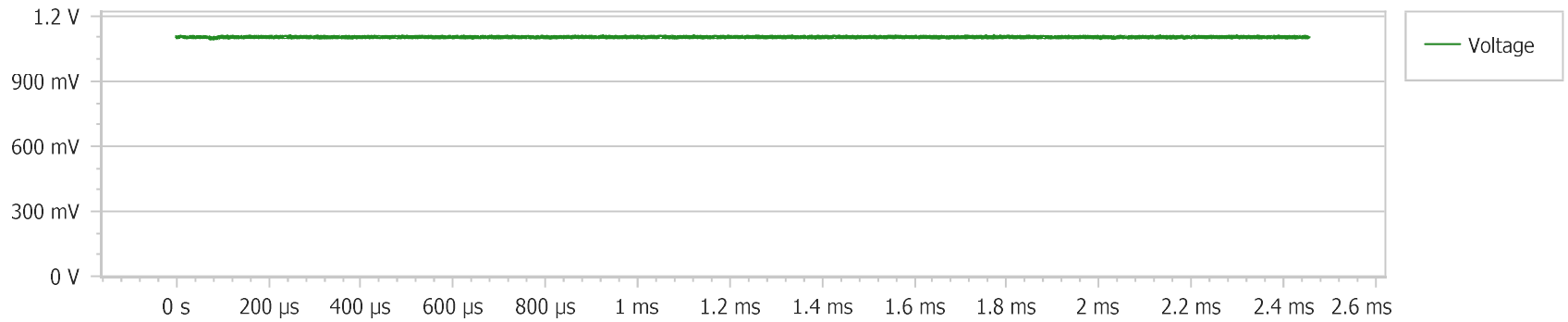
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 200 kHz

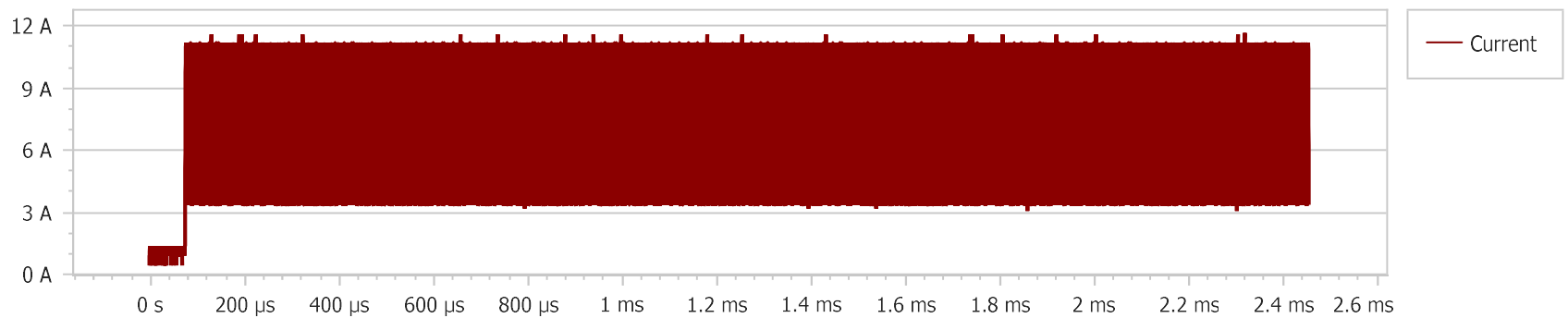
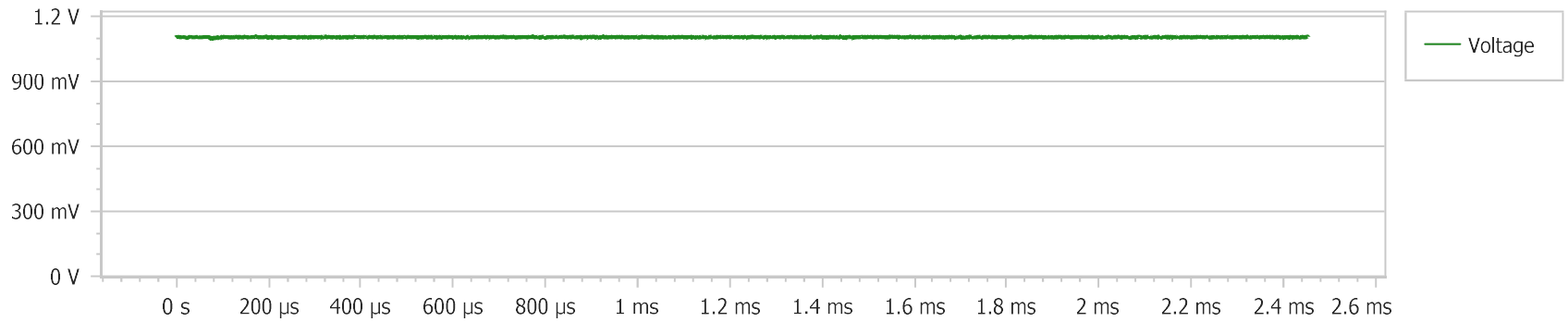
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 220 kHz

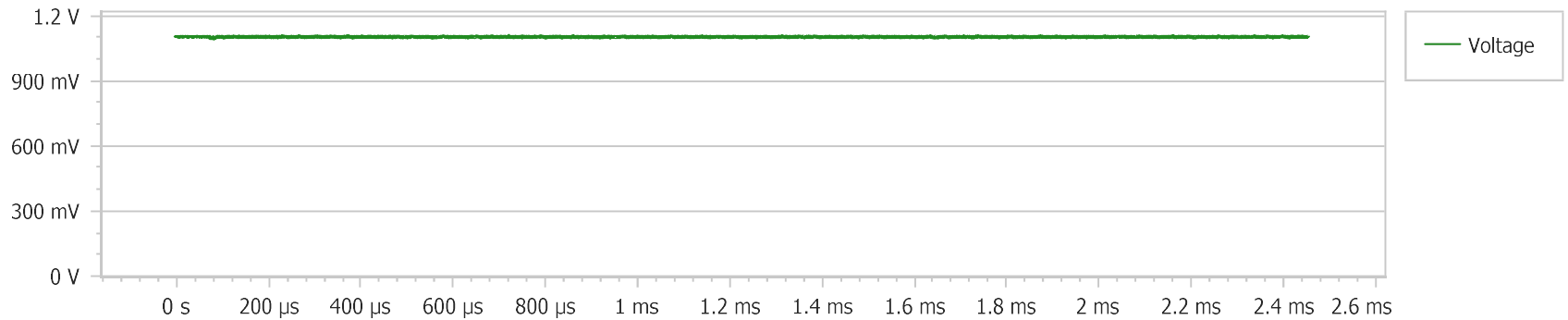
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 240 kHz

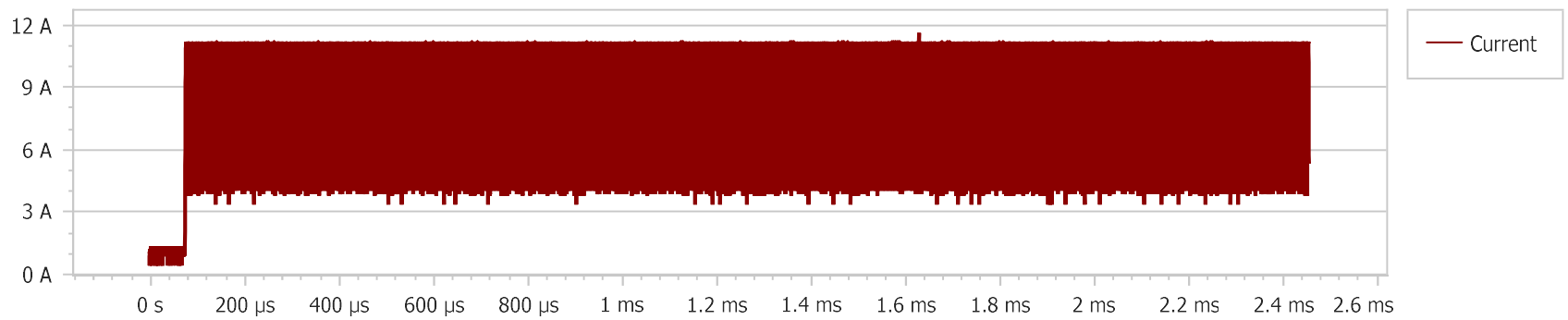
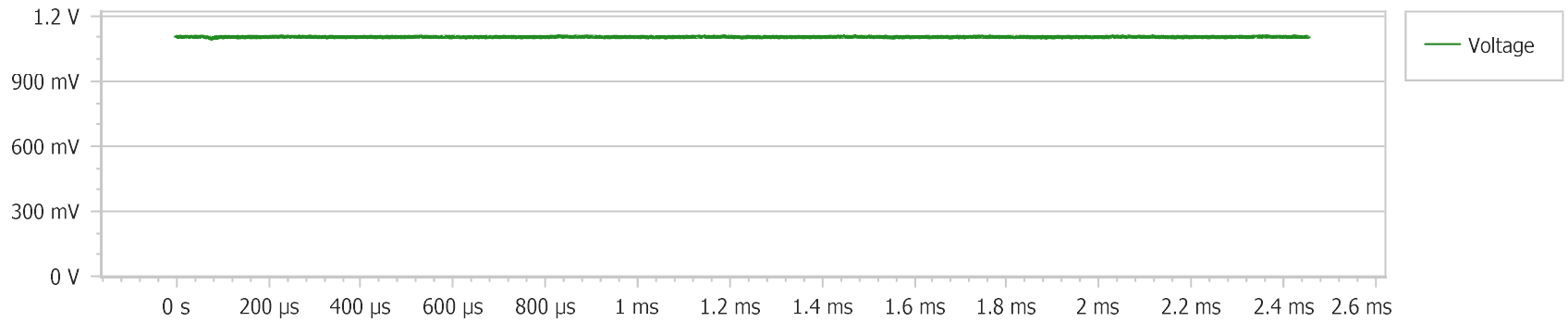
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 260 kHz

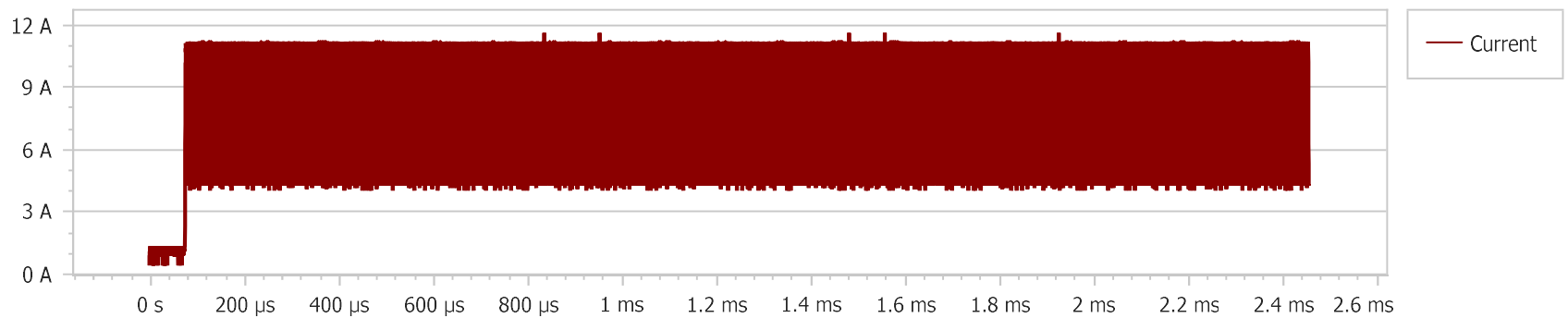
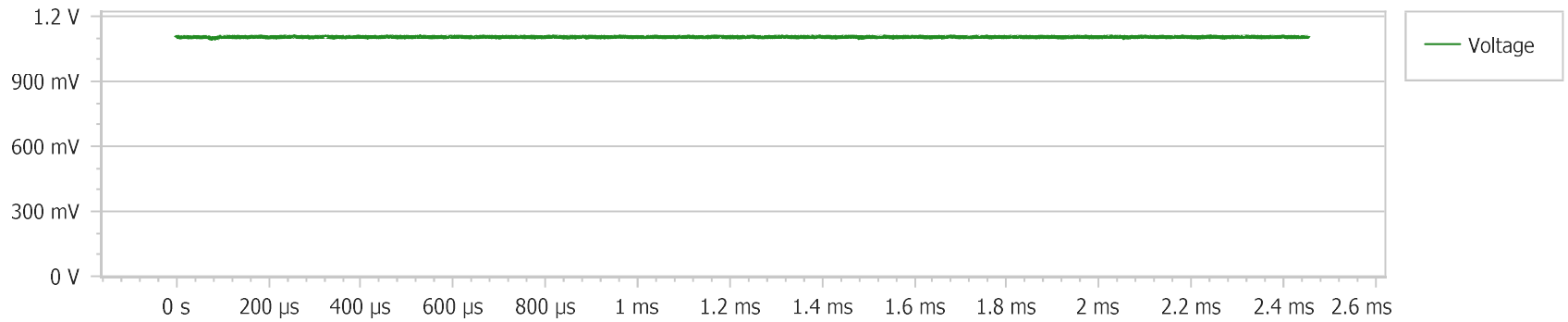
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 280 kHz

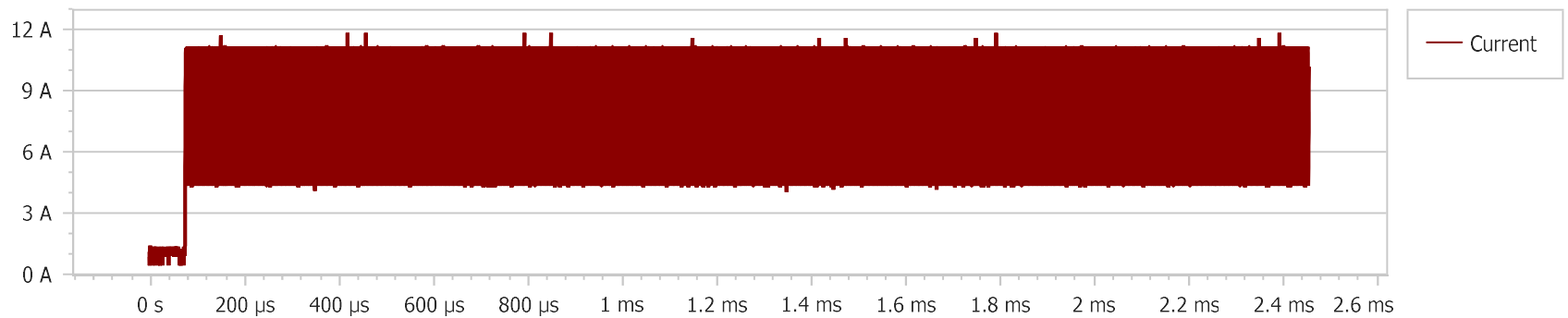
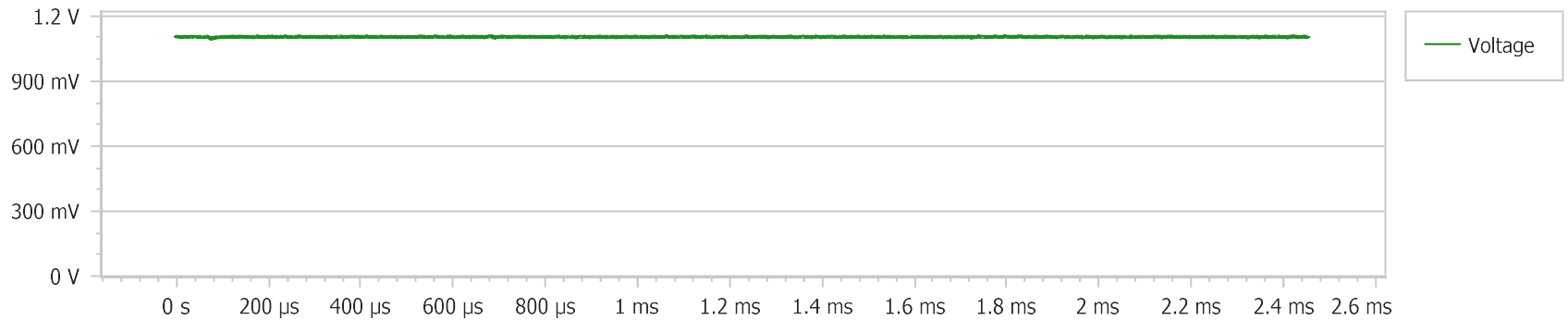
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 300 kHz

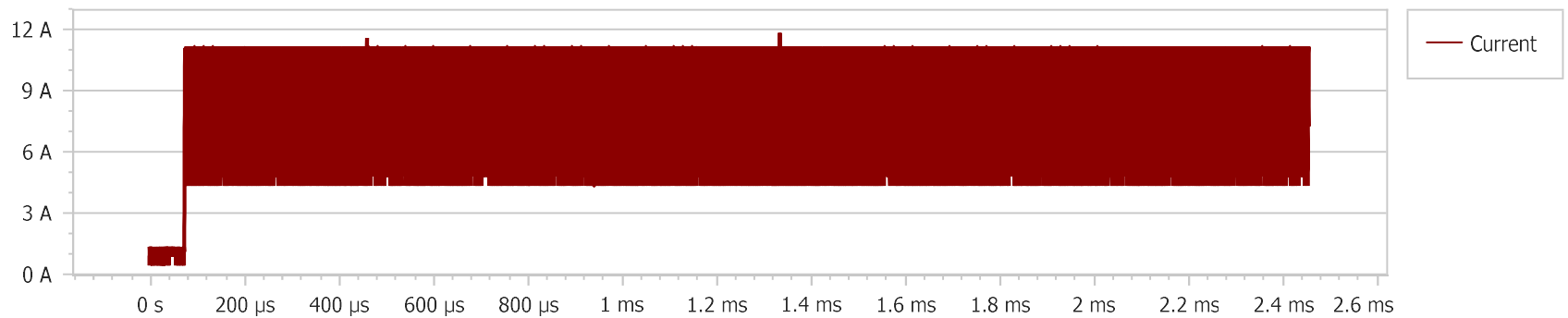
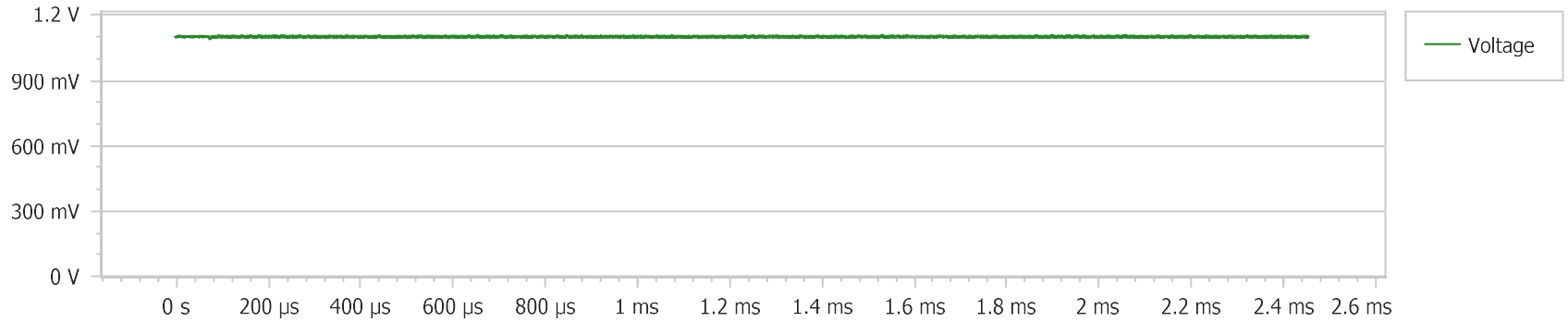
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 320 kHz

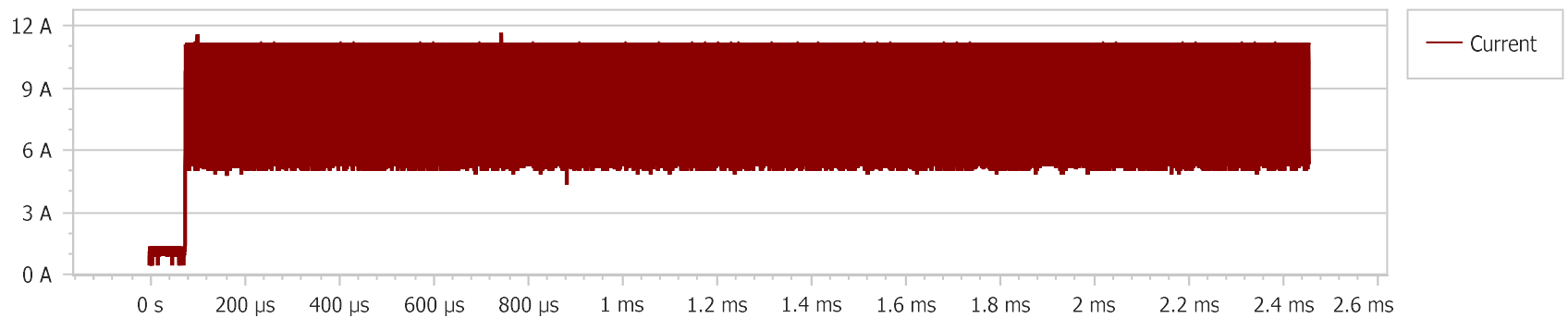
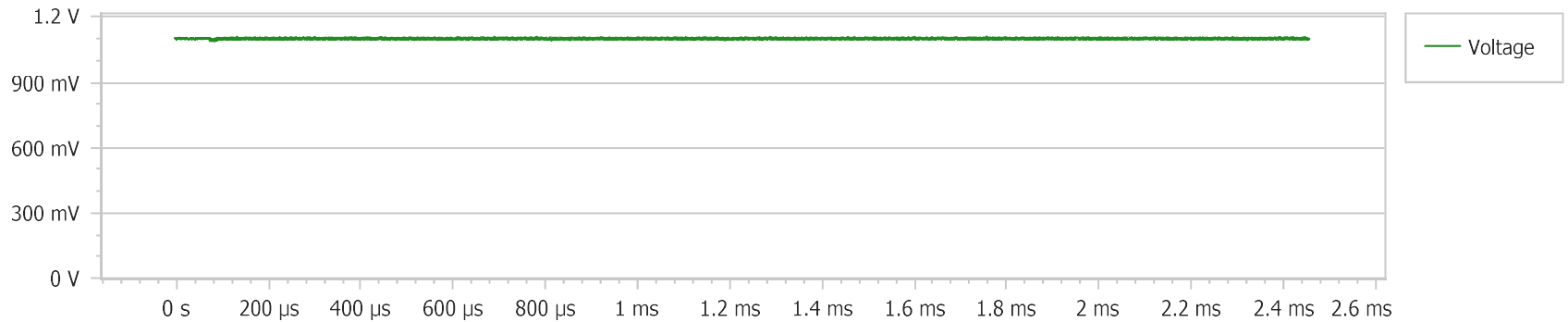
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 340 kHz

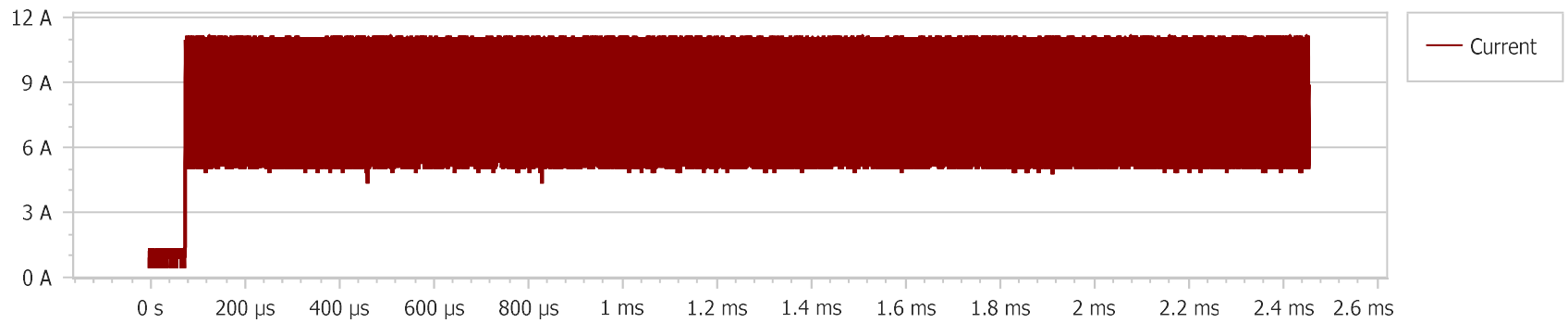
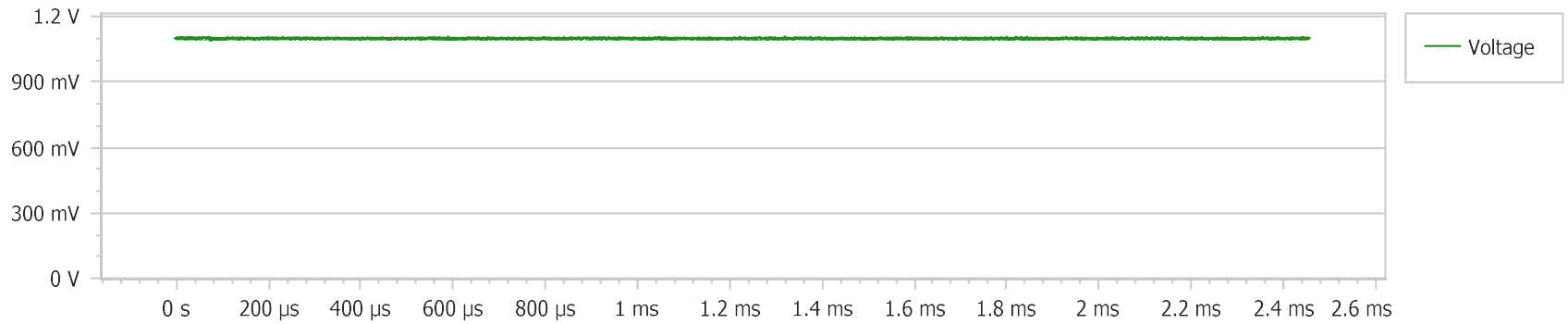
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 360 kHz

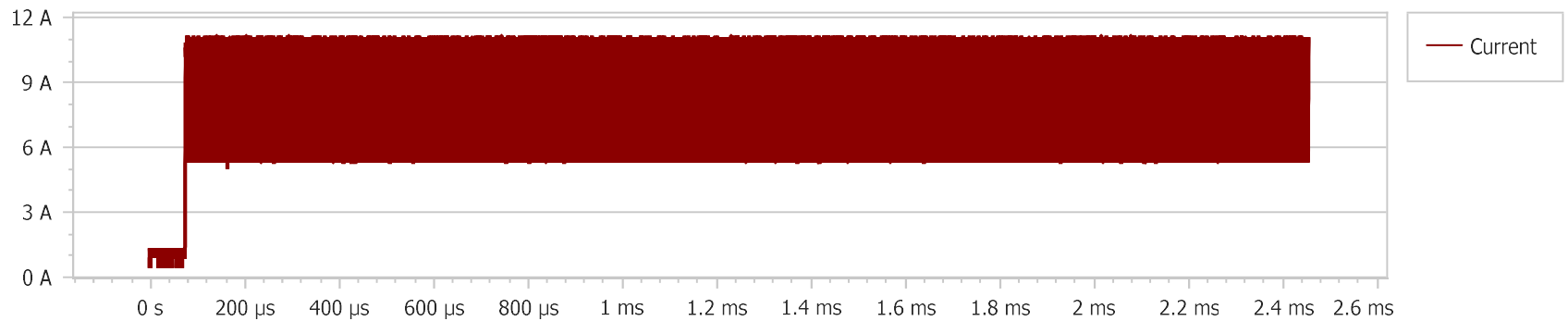
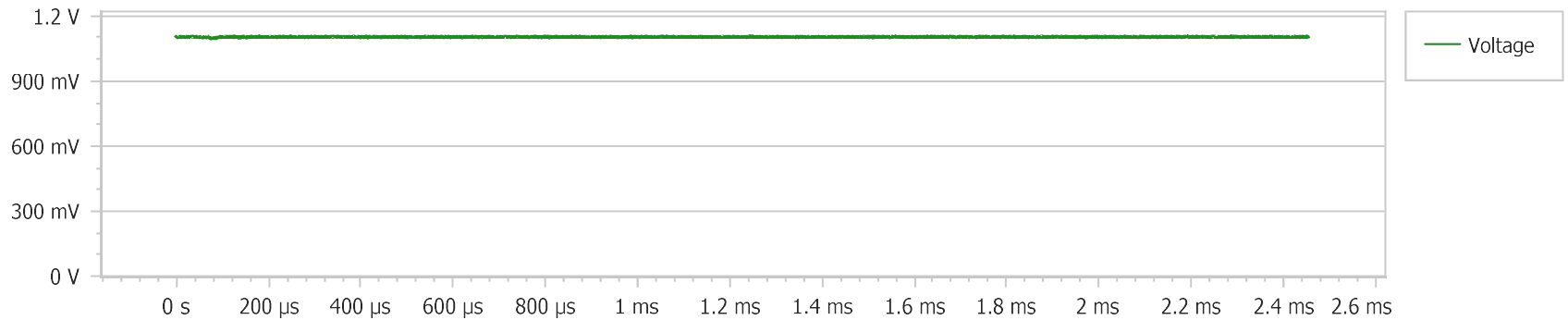
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 380 kHz

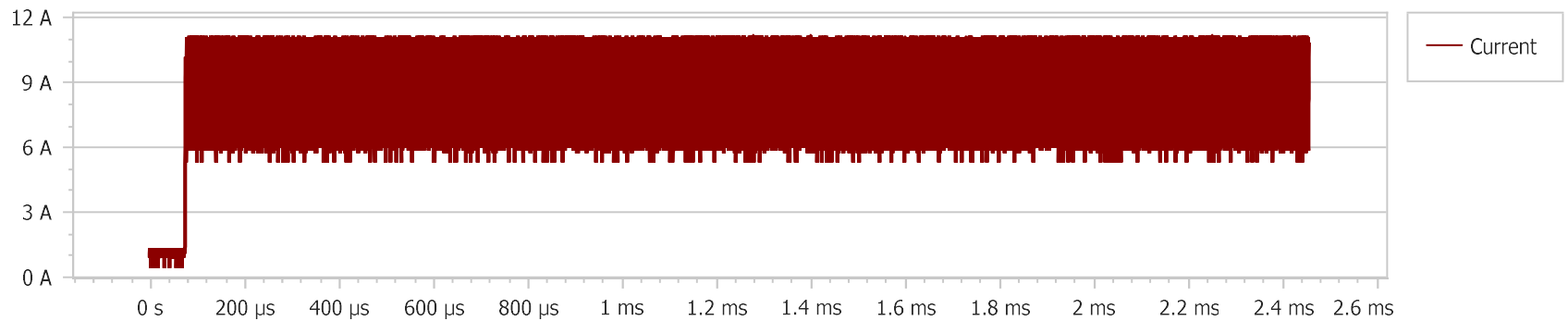
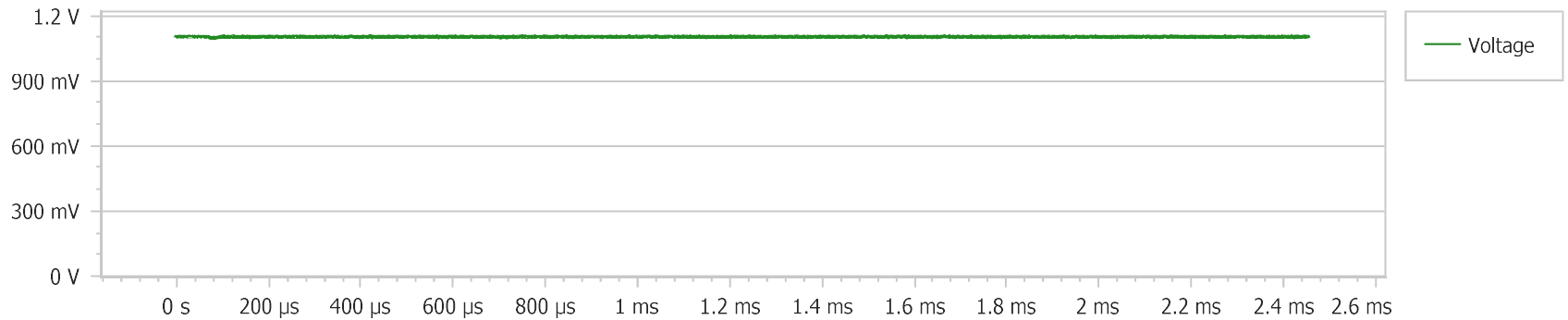
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 400 kHz

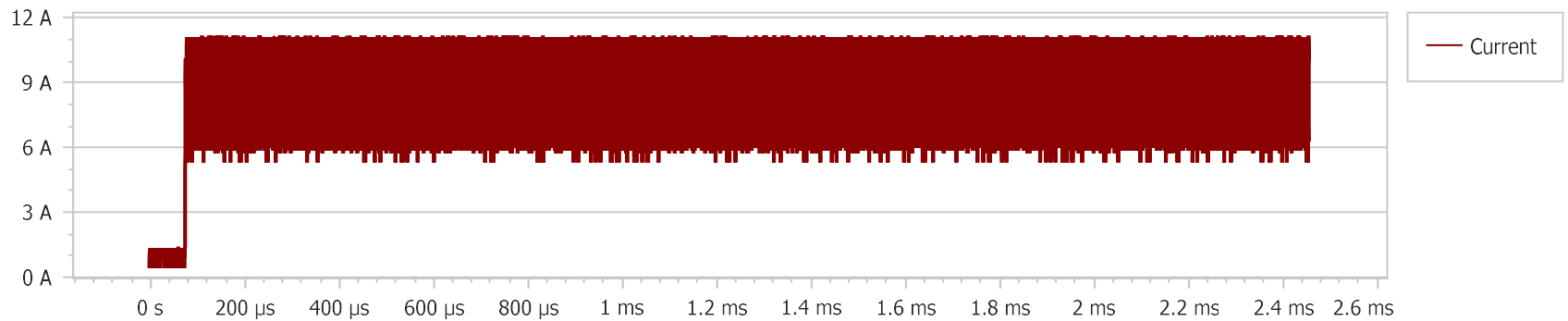
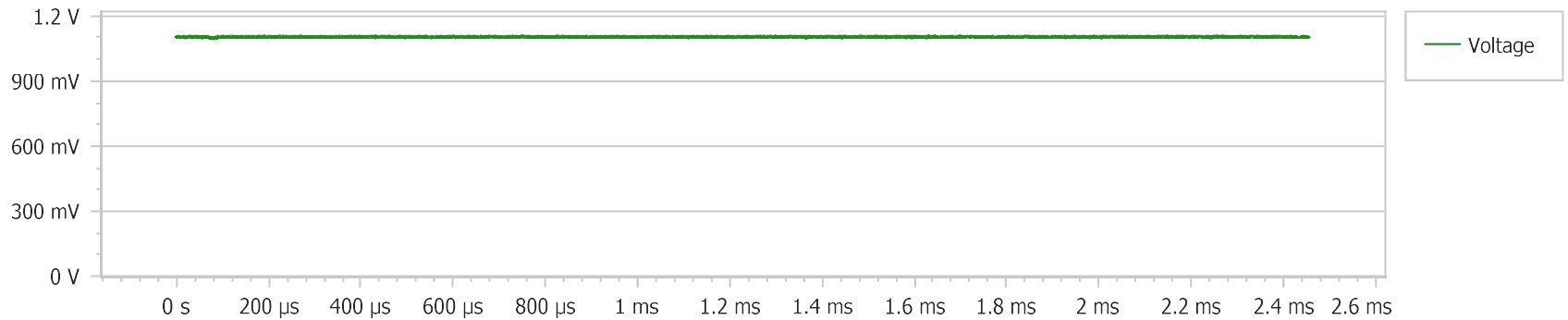
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 420 kHz

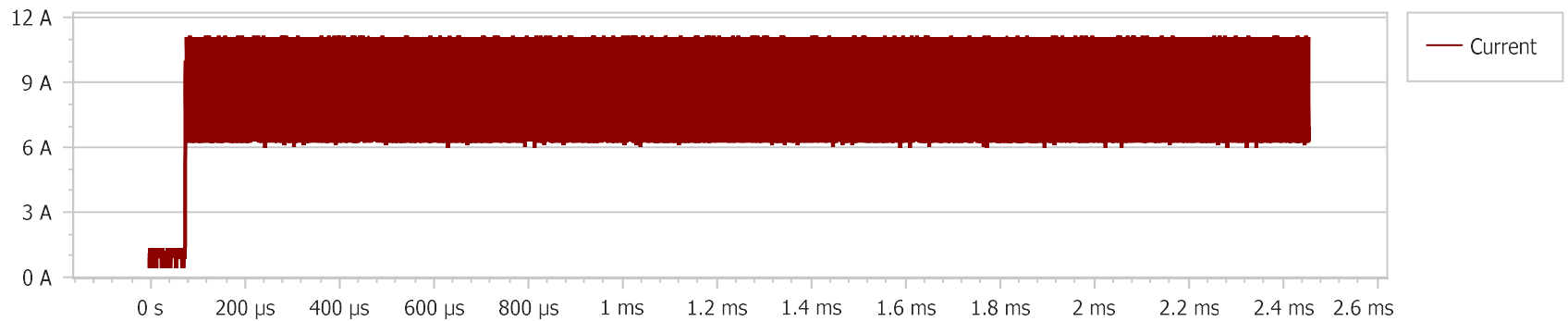
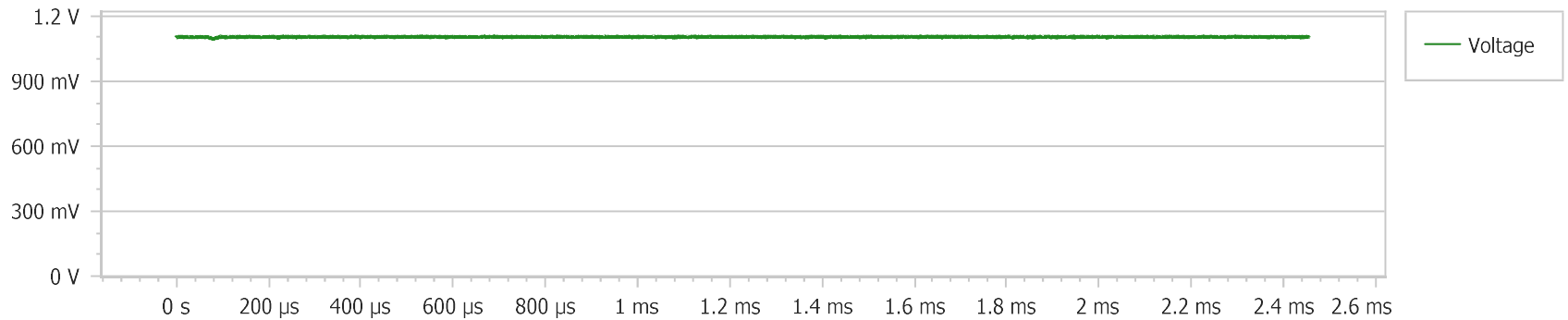
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 440 kHz

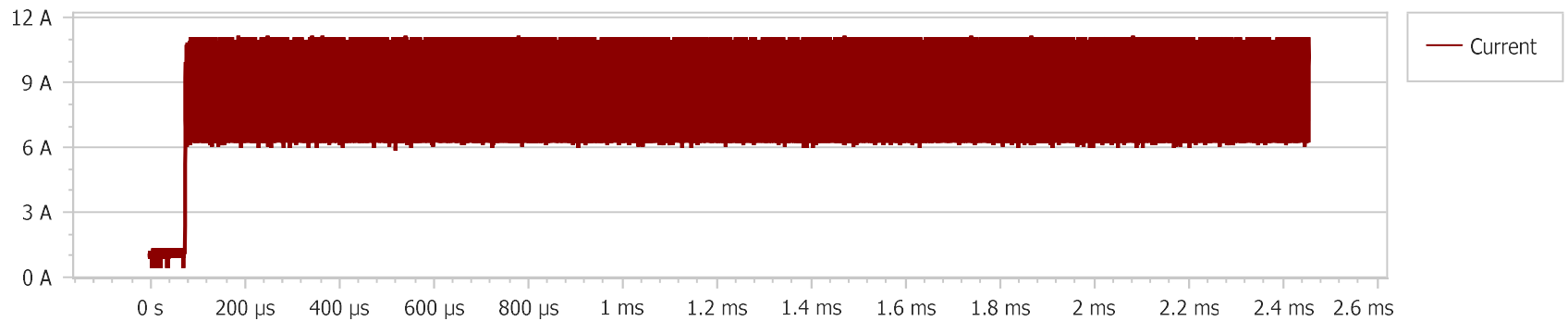
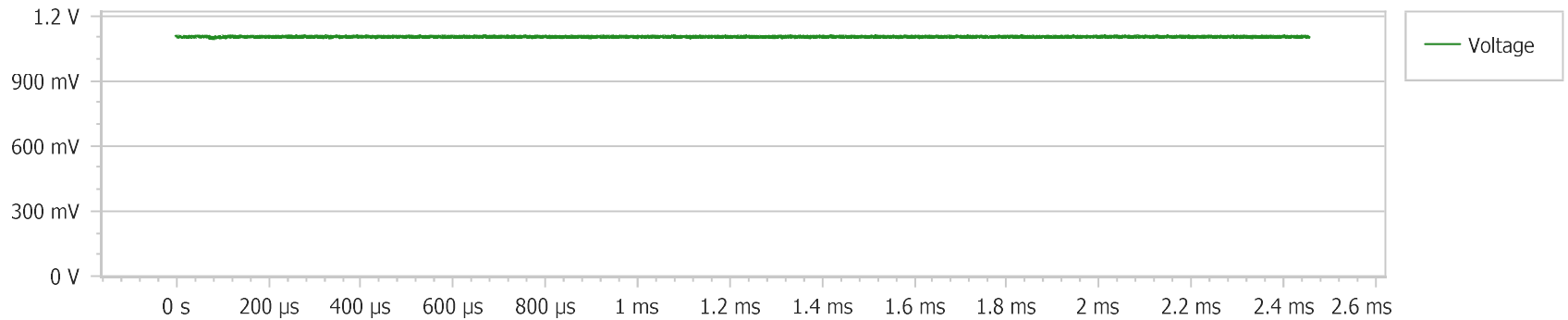
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 460 kHz

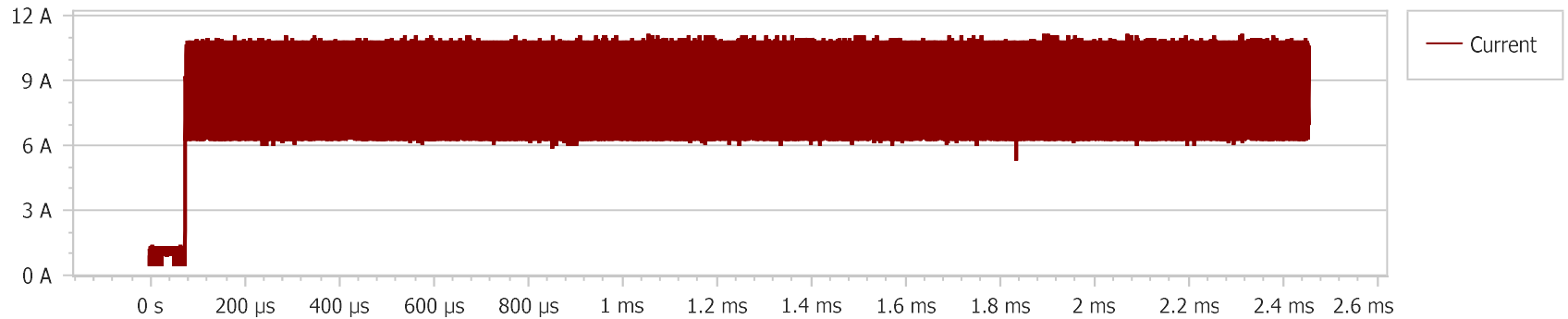
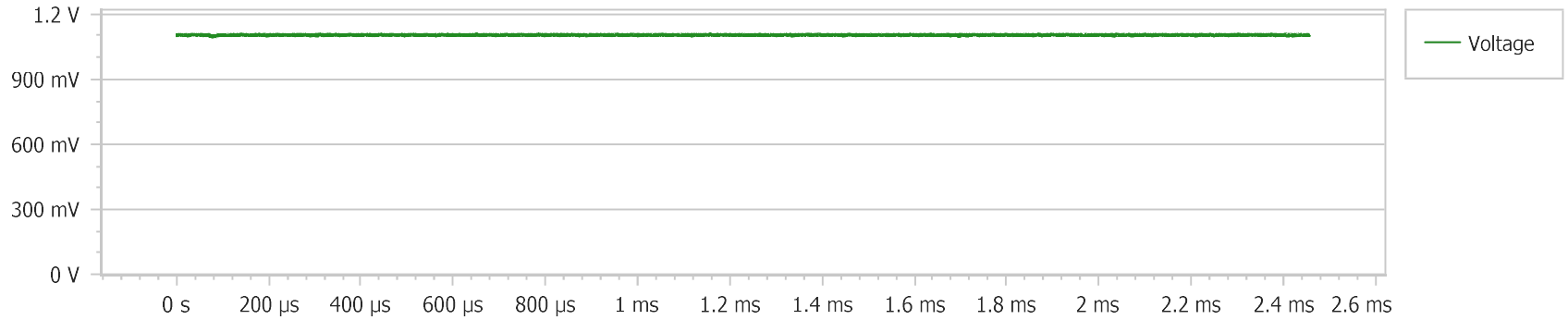
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Dynamic Analysis:

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Max AC: 1.18 V

Min AC: 1.02 V

Load Line Slope: N/A

Waveform Analysis:

Frequency: 480 kHz

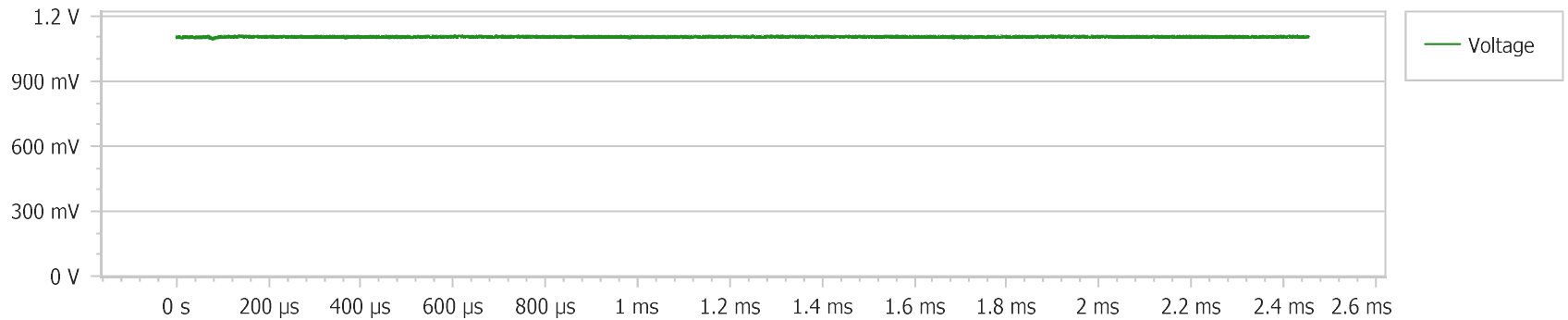
Duty Cycle: 75 %

EDC: 10 A

Load Step: 10 A

Load Release: 10 A

Duration: 100 ms



Static Analysis

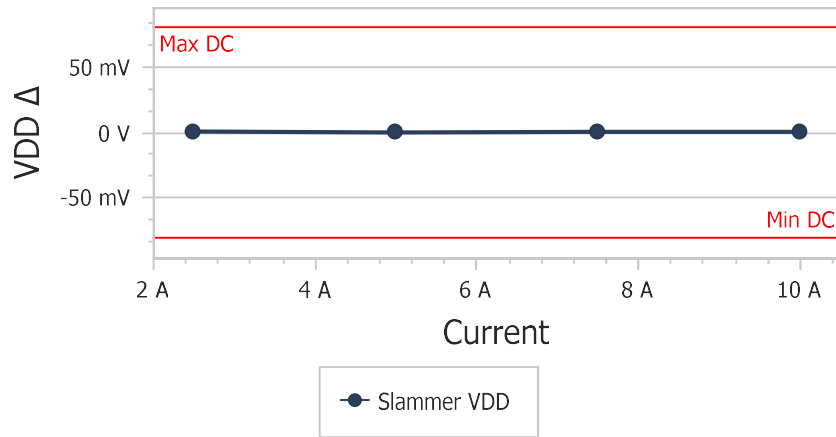
Rail Name: VGTY_AVTT

VID: 0 V

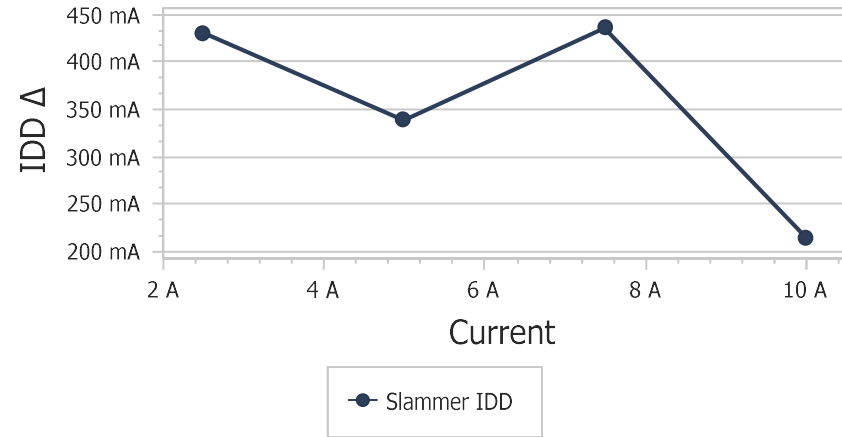
Nominal Voltage: 1.10 V

Load Line Slope: N/A

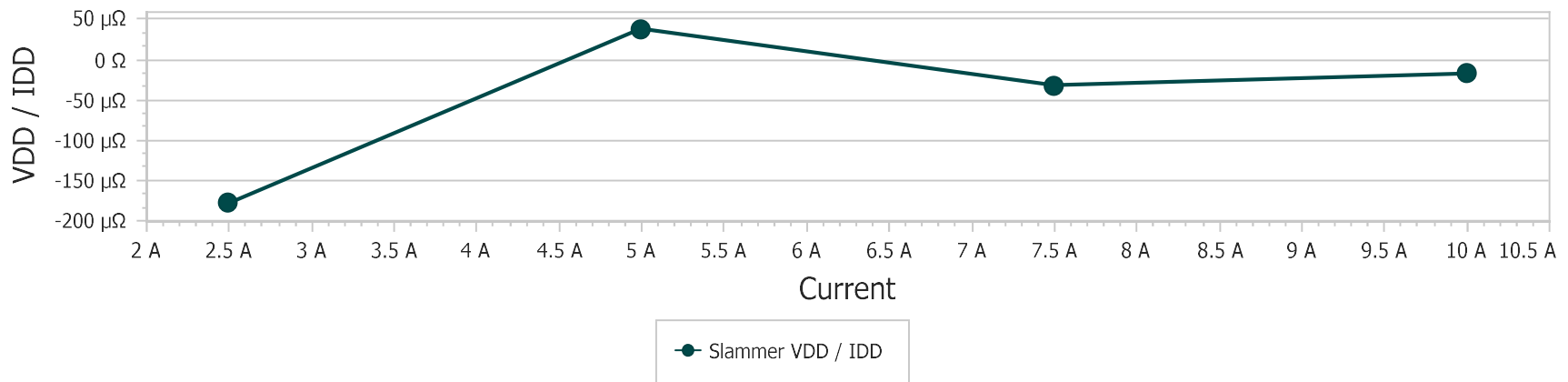
Voltage Tolerance



Current Tolerance



LoadLine



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Load Line Slope: N/A

I_Load (A)	Max DC	Min DC	VOUT		
			V	VMax	VMin
2.5 A	1.181 V	1.021 V	1.1018 V	1.1056 V	1.0952 V
5 A	1.181 V	1.021 V	1.1011 V	1.1050 V	1.0934 V
7.5 A	1.181 V	1.021 V	1.1015 V	1.1062 V	1.0977 V
10 A	1.181 V	1.021 V	1.1015 V	1.1050 V	1.0965 V



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

Nominal Voltage: 1.10 V

Load Line Slope: N/A

I_Load (A)	Max DC	Min DC	IOUT		
			I	I_Max	I_Min
2.5 A	1.181 V	1.021 V	2.93 A	3.36 A	2.08 A
5 A	1.181 V	1.021 V	5.34 A	6.23 A	4.33 A
7.5 A	1.181 V	1.021 V	7.94 A	8.24 A	7.26 A
10 A	1.181 V	1.021 V	10.22 A	10.87 A	10.13 A



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

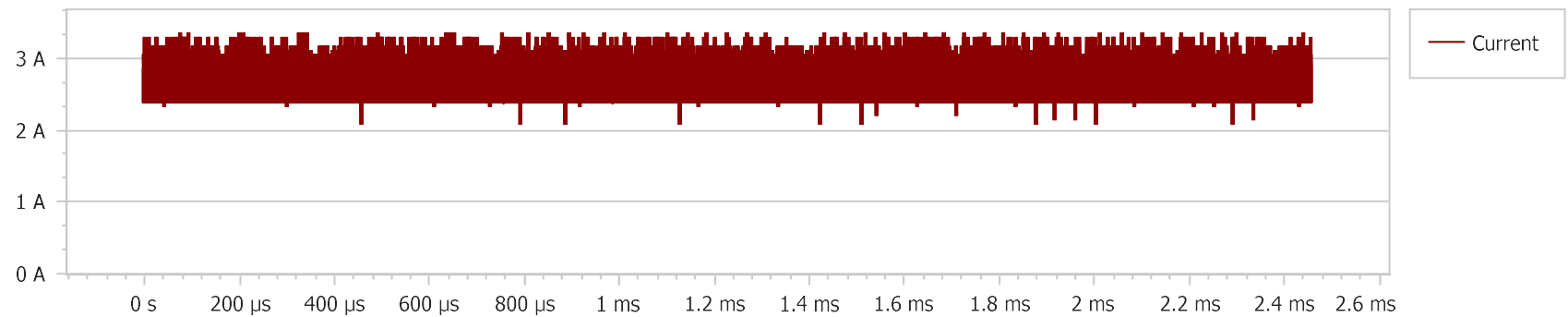
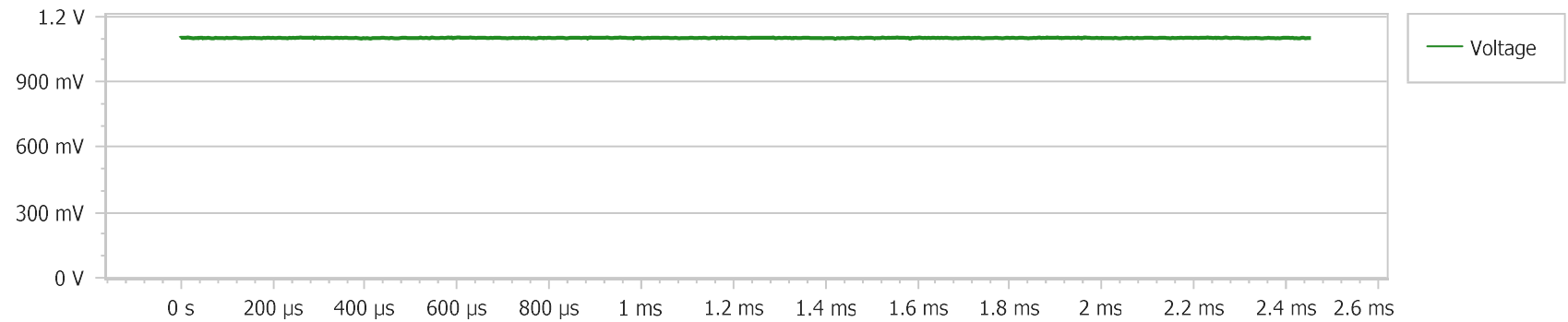
Nominal Voltage: 1.10 V

Load Line Slope: N/A

Waveform Analysis:

Current: 2.5 A

Duration: 1 s



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

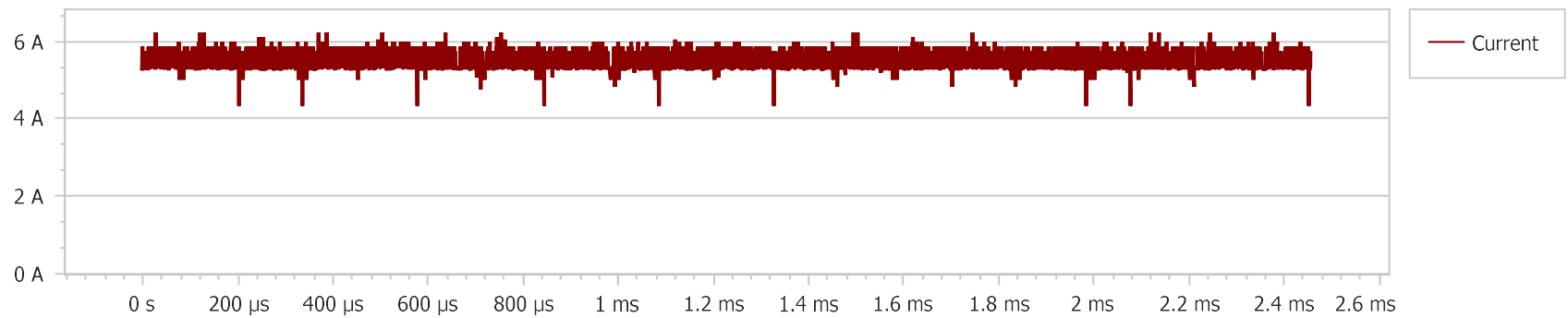
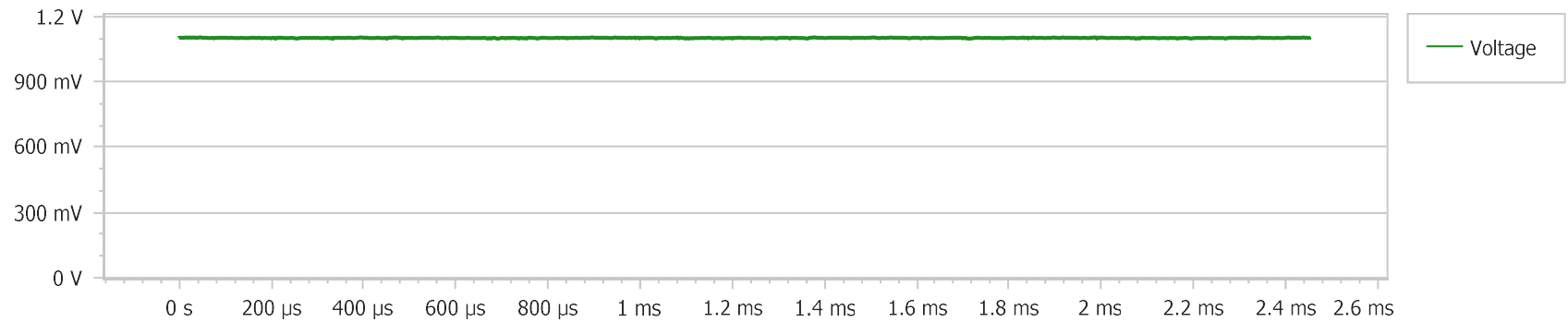
Nominal Voltage: 1.10 V

Load Line Slope: N/A

Waveform Analysis:

Current: 5 A

Duration: 1 s



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

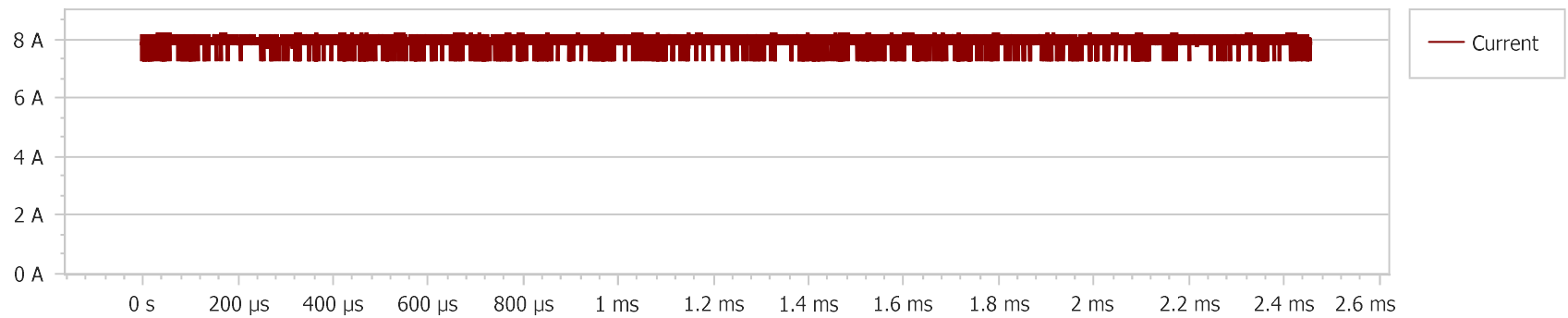
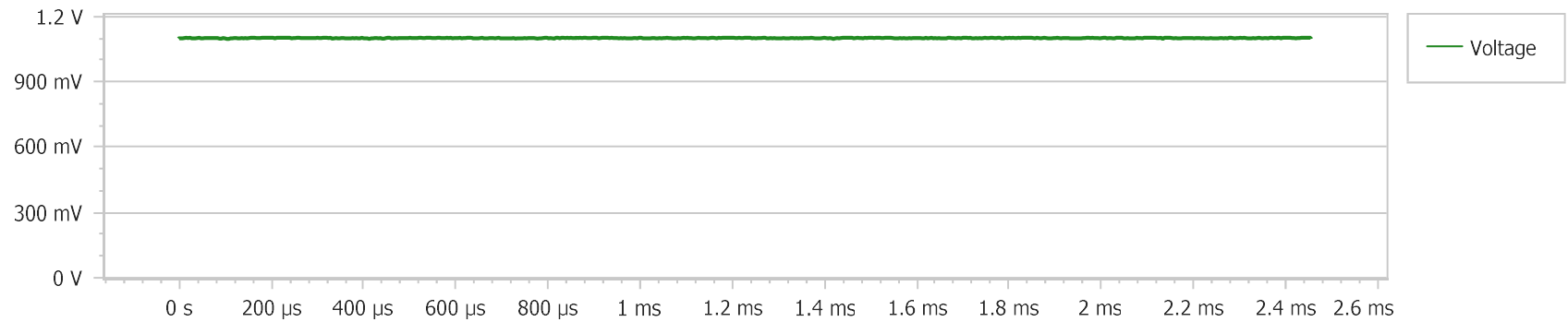
Nominal Voltage: 1.10 V

Load Line Slope: N/A

Waveform Analysis:

Current: 7.5 A

Duration: 1 s



Static Analysis

Rail Name: VGTY_AVTT

VID: 0 V

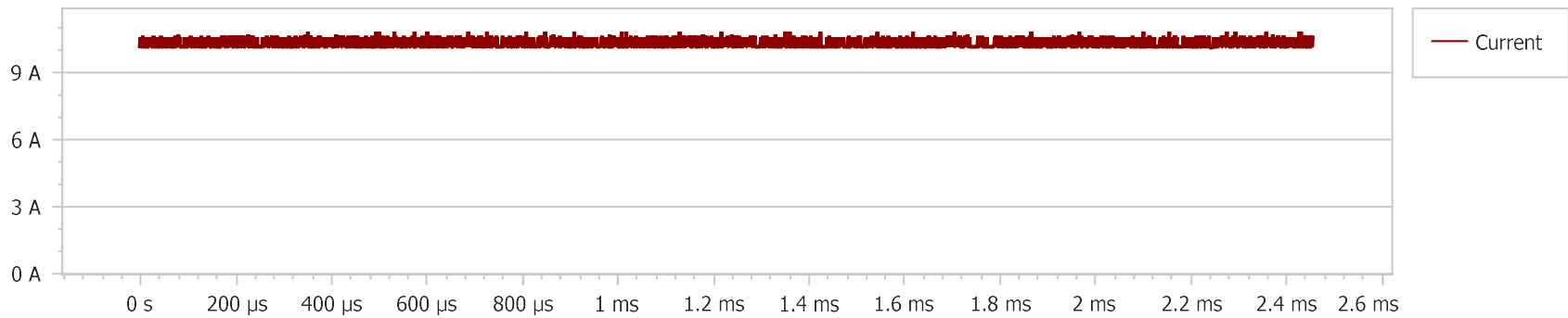
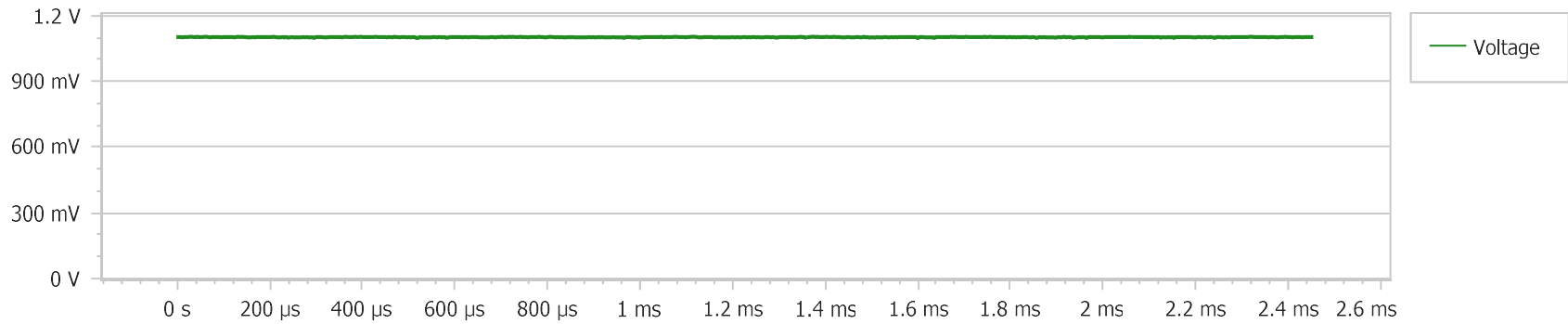
Nominal Voltage: 1.10 V

Load Line Slope: N/A

Waveform Analysis:

Current: 10 A

Duration: 1 s



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