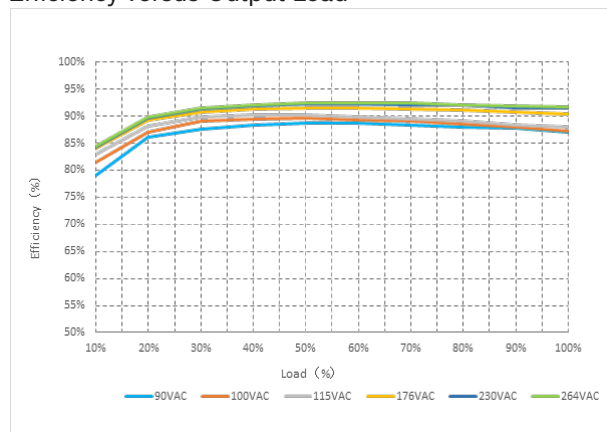


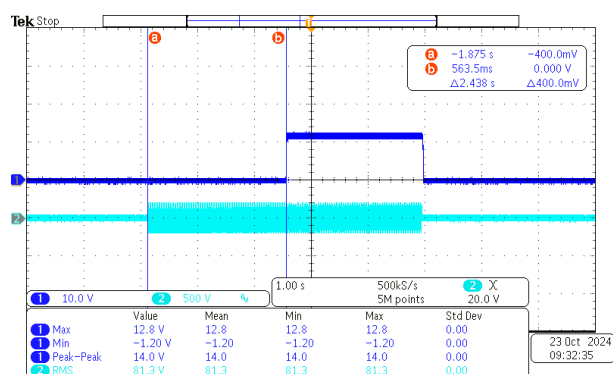
Characteristic Curves

TXN 1000-112

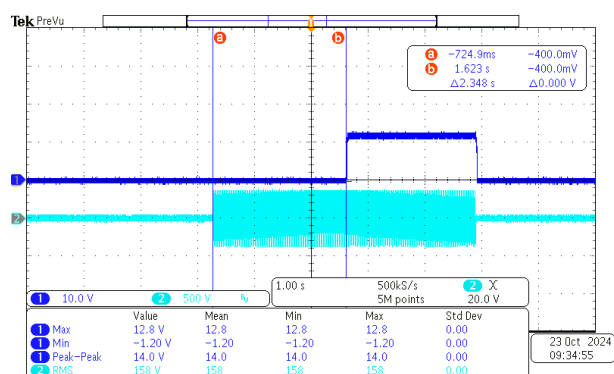
Efficiency versus Output Load



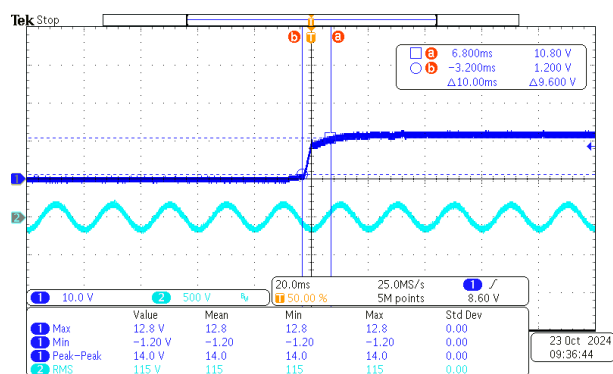
Typical Start-Up Characteristic at 115 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



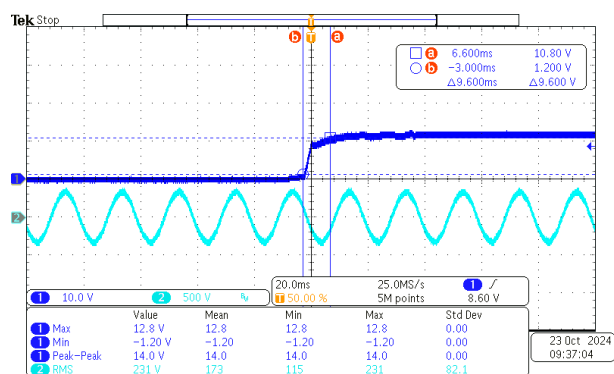
Typical Start-Up Characteristic at 230 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



Typical Output Rise Characteristic at 115 Vin [Ch1: Output Voltage]



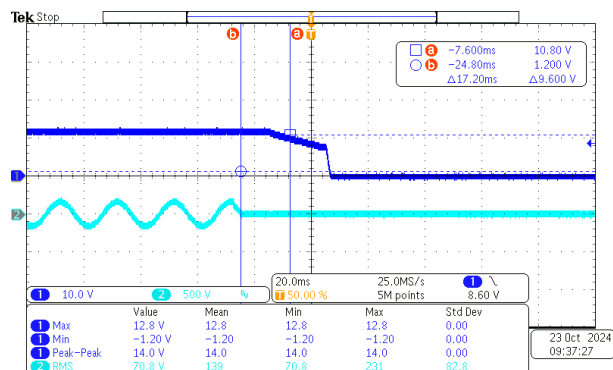
Typical Output Rise Characteristic at 230 Vin [Ch1: Output Voltage]



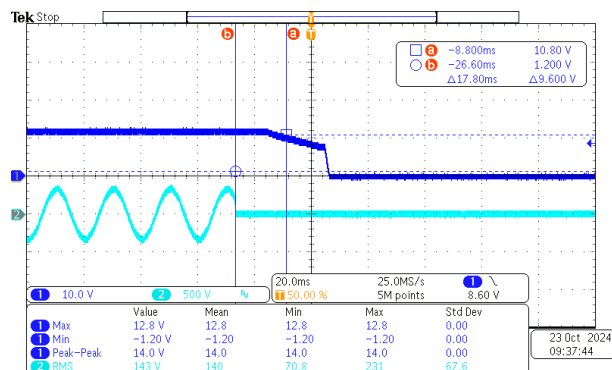
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TXN 1000-112

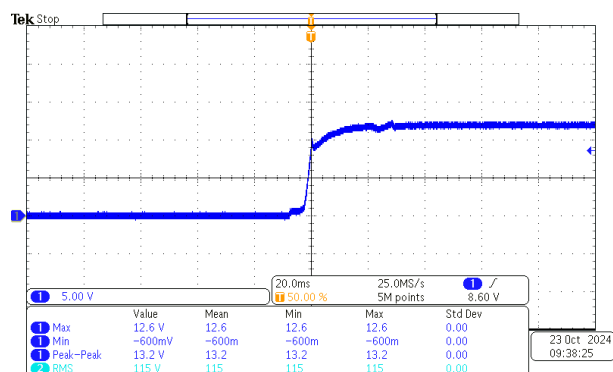
Typical Output Hold-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



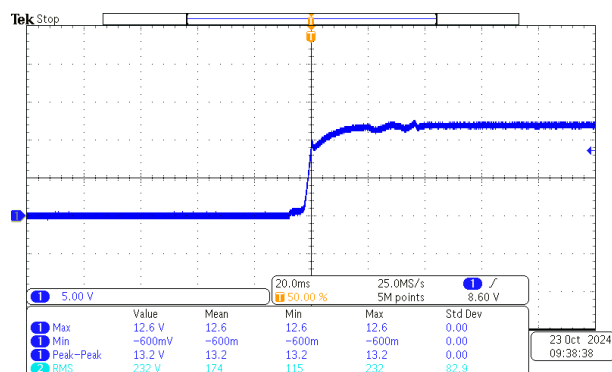
Typical Output Hold-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



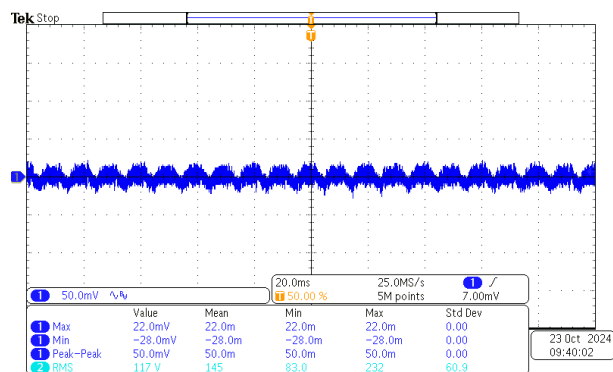
Typical Output Voltage Overshoot Characteristic at 115 Vin
[Ch1: Output Voltage]



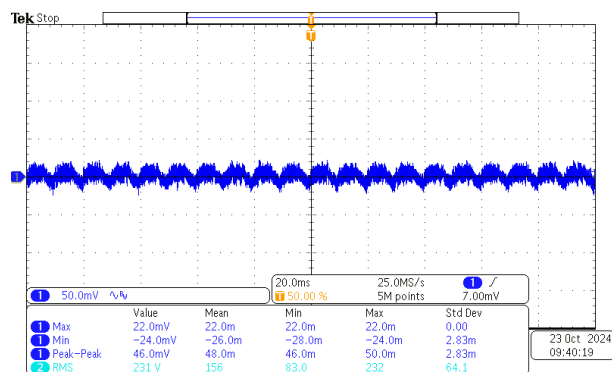
Typical Output Voltage Overshoot Characteristic at 230 Vin
[Ch1: Output Voltage]



Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)

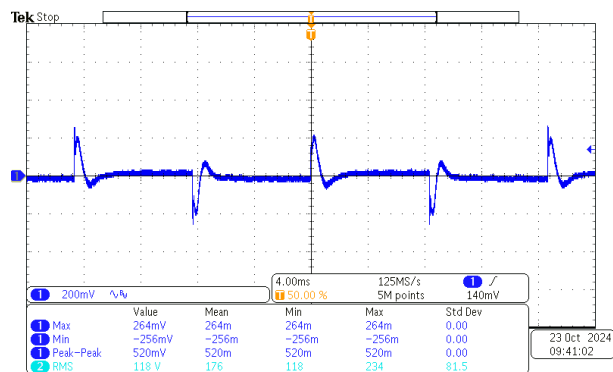


Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)

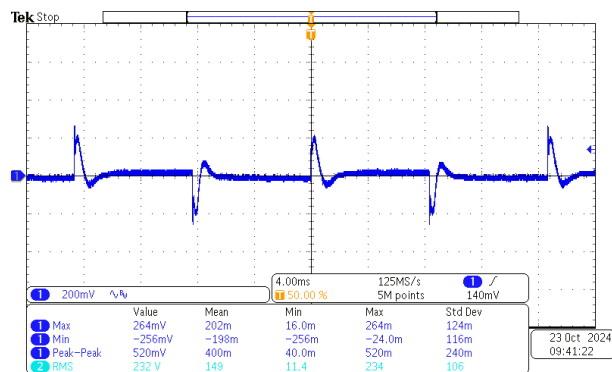


TXN 1000-112

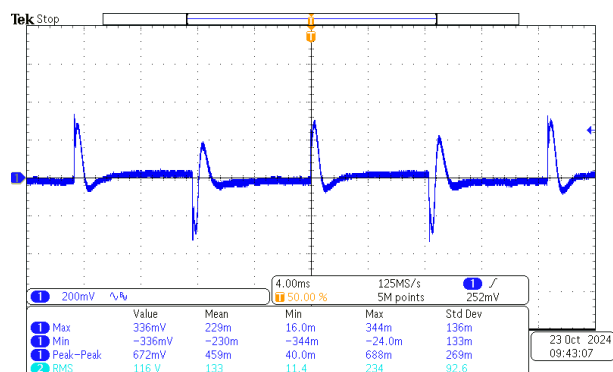
Transient response (10 to 50% load step)
at 115 Vin



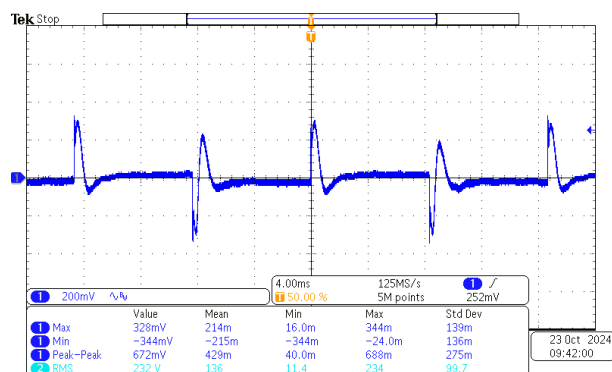
Transient response (10 to 50% load step)
at 230 Vin



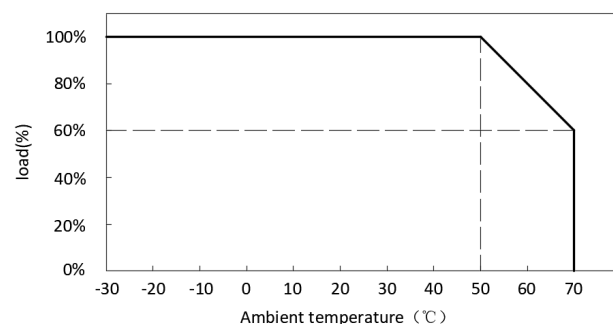
Transient response (50 to 100% load step)
at 115 Vin



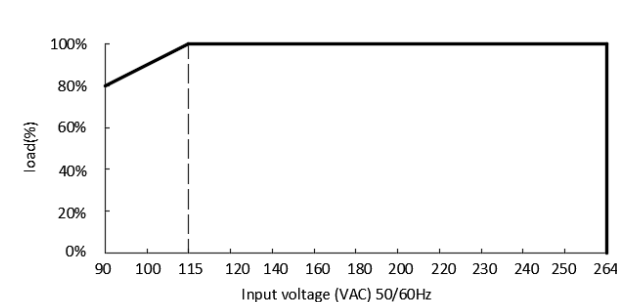
Transient response (50 to 100% load step)
at 230 Vin



Derating Output Load versus Ambient Temperature

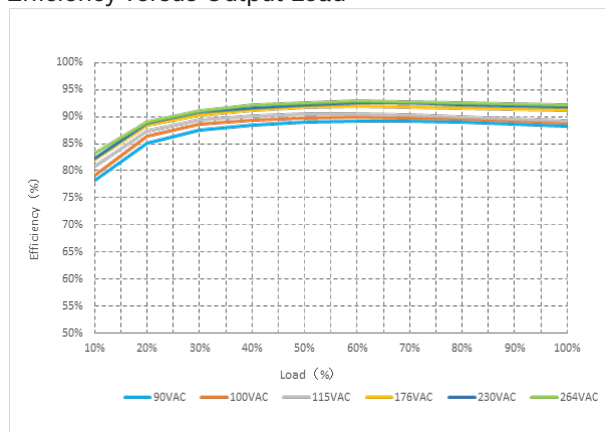


Derating Output Load versus Input Voltage

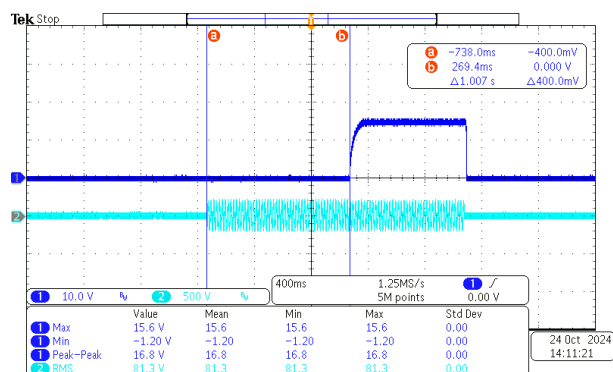


TXN 1000-115

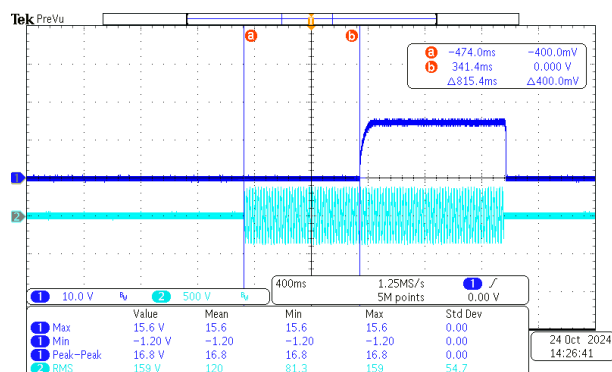
Efficiency versus Output Load



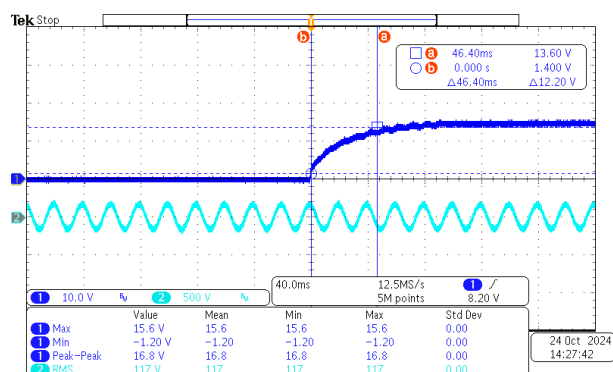
Typical Start-Up Characteristic at 115 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



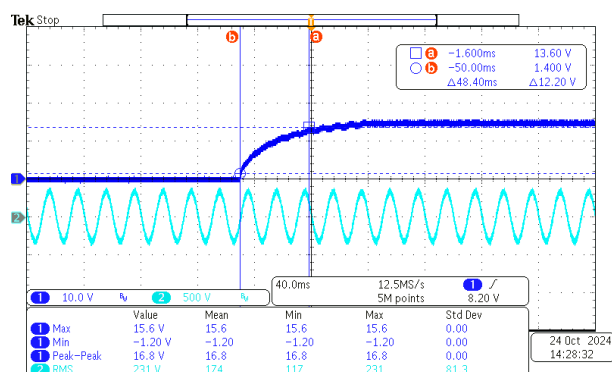
Typical Start-Up Characteristic at 230 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



Typical Output Rise Characteristic at 115 Vin [Ch1: Output Voltage]

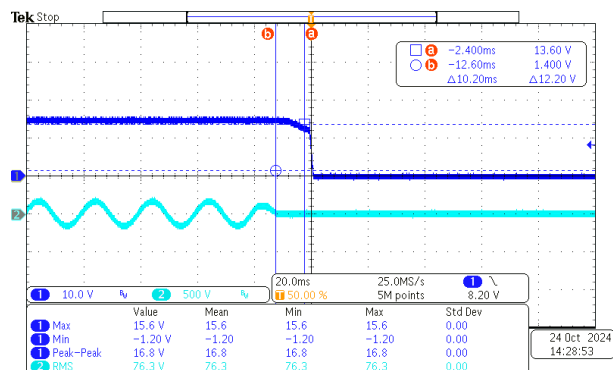


Typical Output Rise Characteristic at 230 Vin [Ch1: Output Voltage]

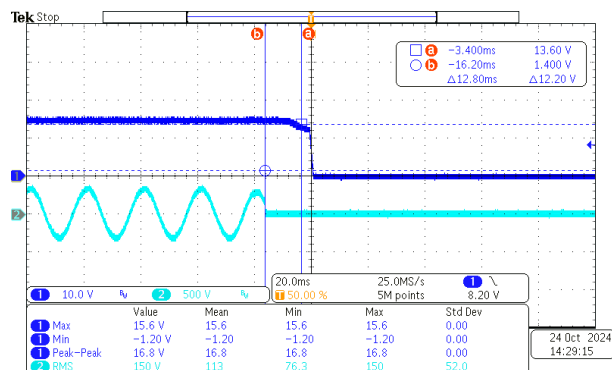


TXN 1000-115

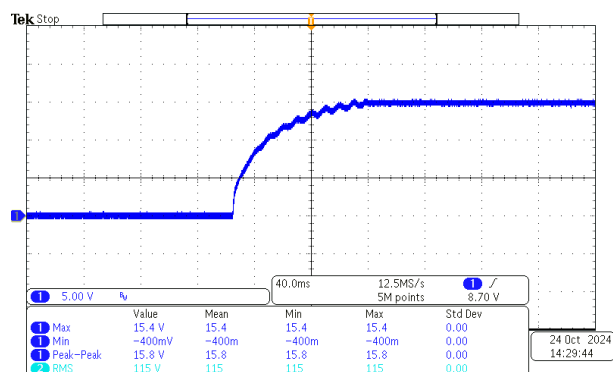
Typical Output Hold-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



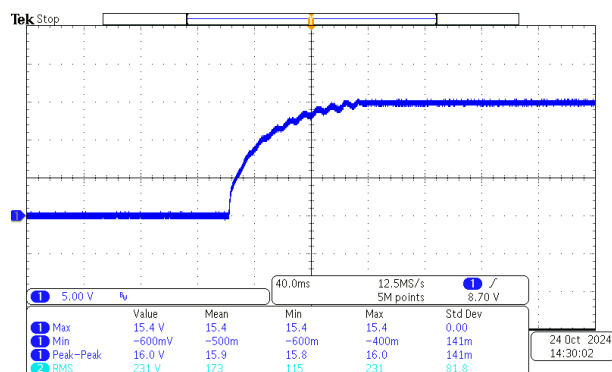
Typical Output Hold-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



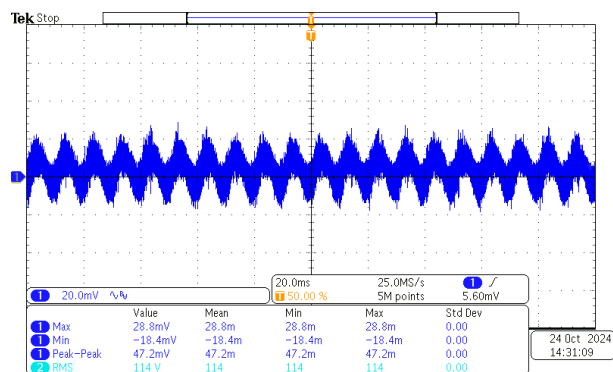
Typical Output Voltage Overshoot Characteristic at 115 Vin
[Ch1: Output Voltage]



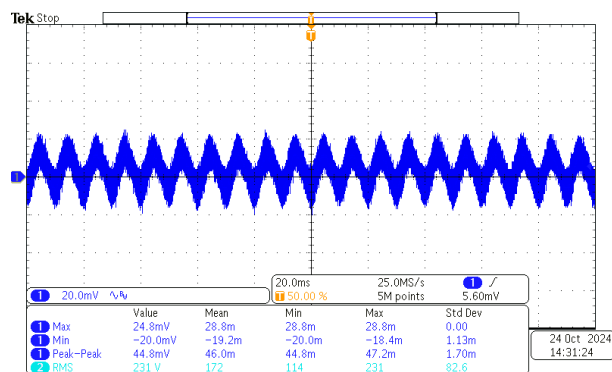
Typical Output Voltage Overshoot Characteristic at 230 Vin
[Ch1: Output Voltage]



Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)

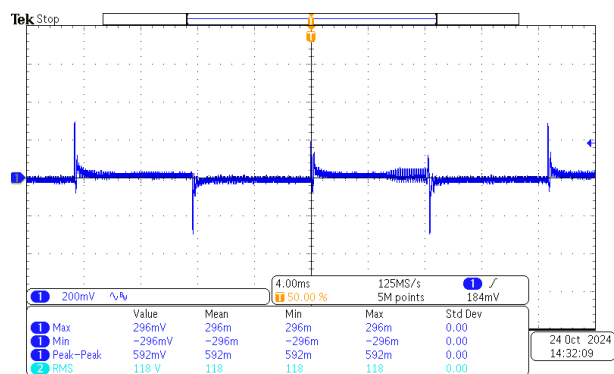


Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)

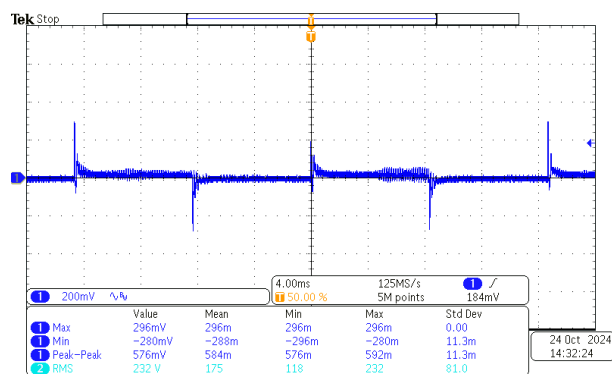


TXN 1000-115

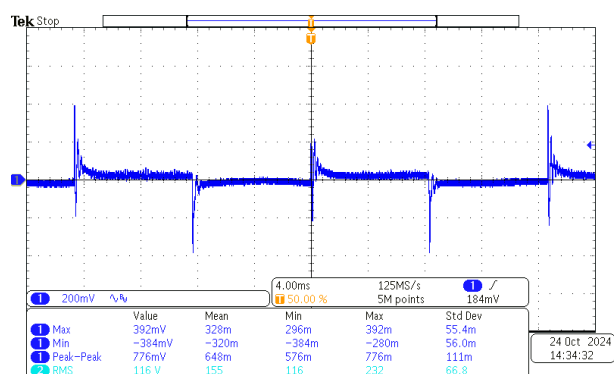
Transient response (10 to 50% load step)
at 115 Vin



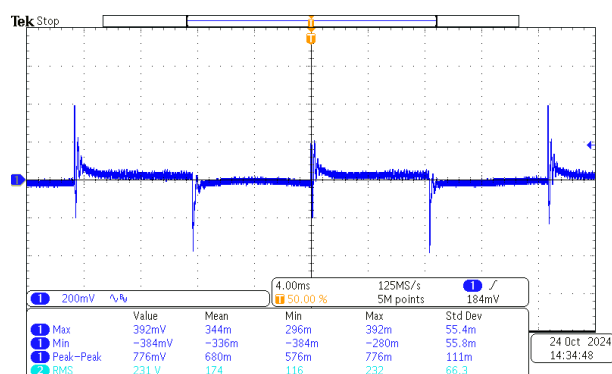
Transient response (10 to 50% load step)
at 230 Vin



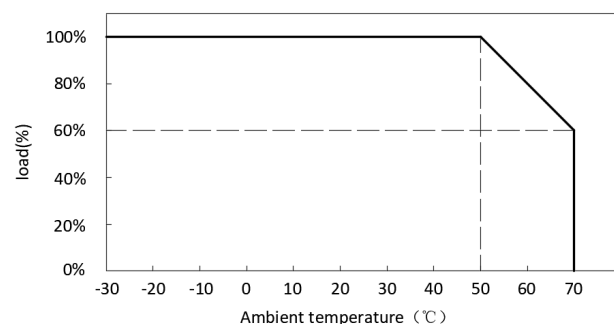
Transient response (50 to 100% load step)
at 115 Vin



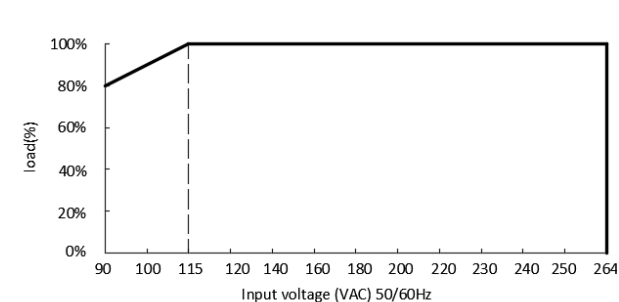
Transient response (50 to 100% load step)
at 230 Vin



Derating Output Load versus Ambient Temperature

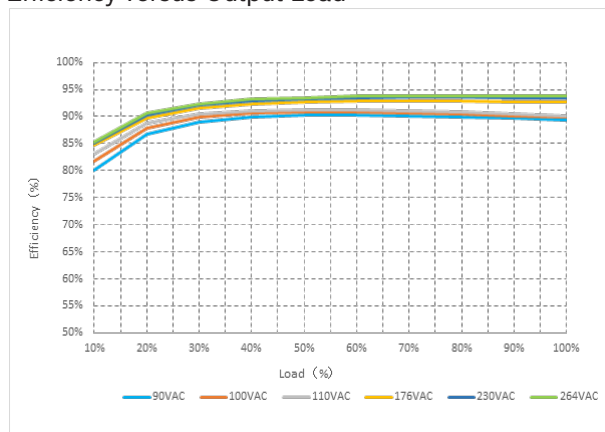


Derating Output Load versus Input Voltage

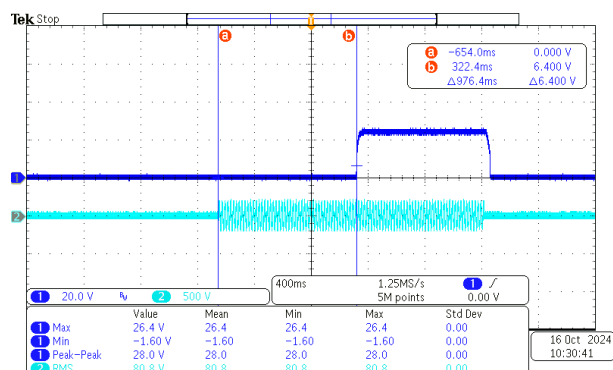


TXN 1000-124

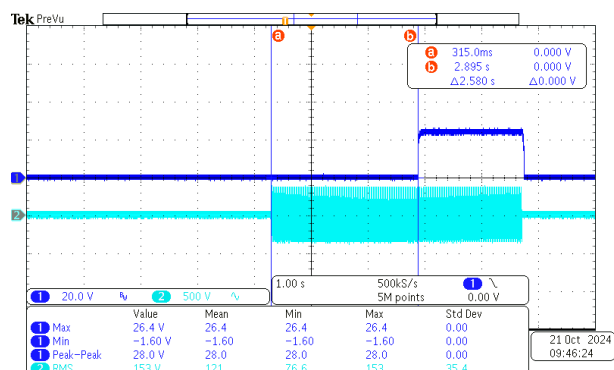
Efficiency versus Output Load



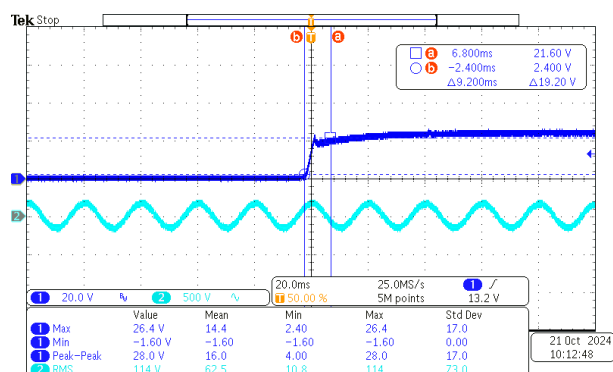
Typical Start-Up Characteristic at 115 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



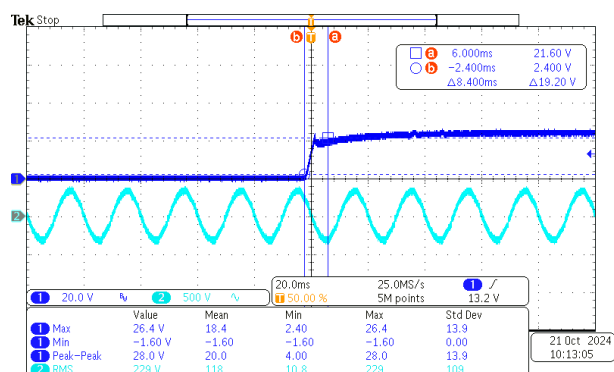
Typical Start-Up Characteristic at 230 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



Typical Output Rise Characteristic at 115 Vin [Ch1: Output Voltage]



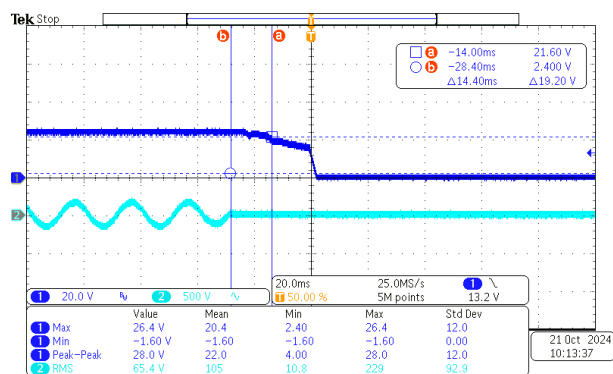
Typical Output Rise Characteristic at 230 Vin [Ch1: Output Voltage]



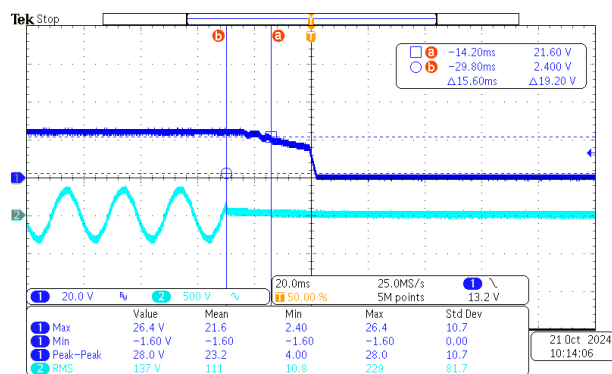
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TXN 1000-124

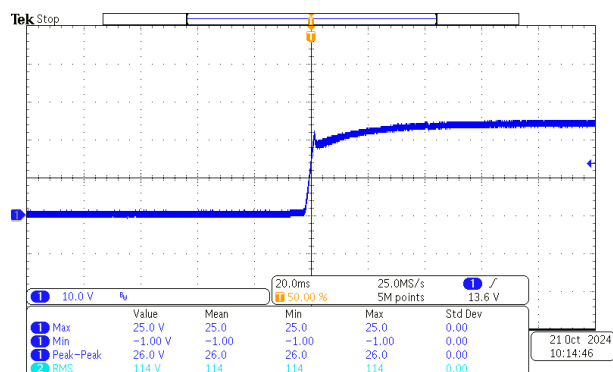
Typical Output Hold-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



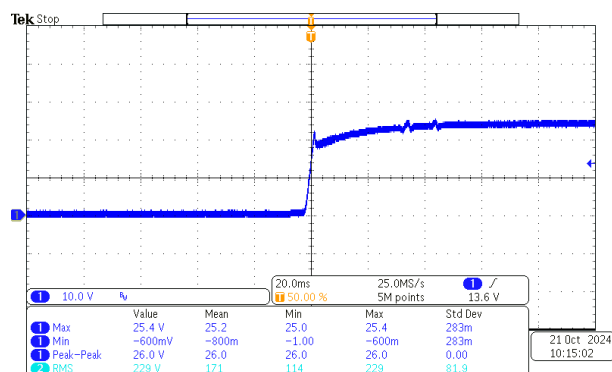
Typical Output Hold-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



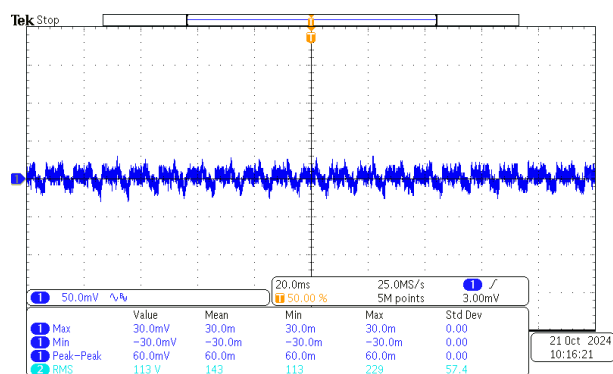
Typical Output Voltage Overshoot Characteristic at 115 Vin
[Ch1: Output Voltage]



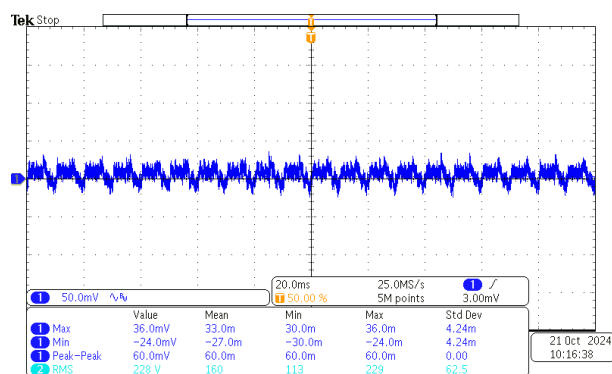
Typical Output Voltage Overshoot Characteristic at 230 Vin
[Ch1: Output Voltage]



Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)

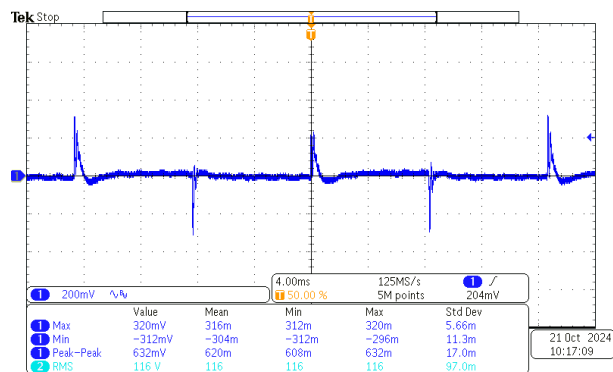


Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)

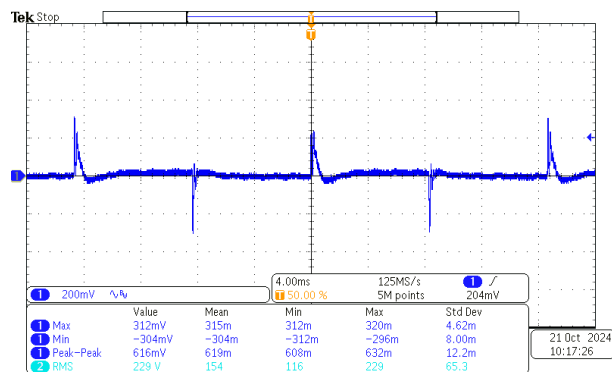


TXN 1000-124

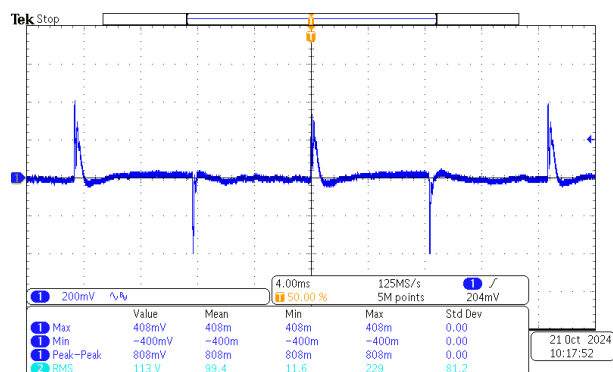
Transient response (10 to 50% load step)
at 115 Vin



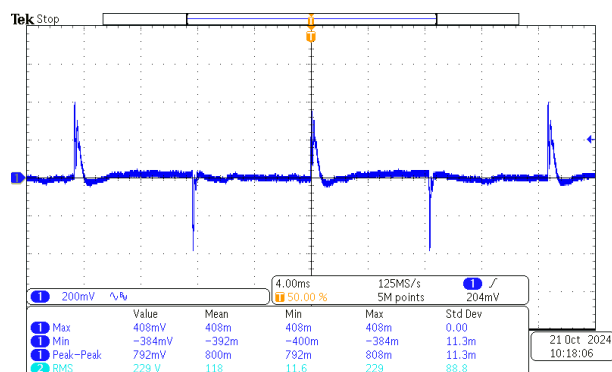
Transient response (10 to 50% load step)
at 230 Vin



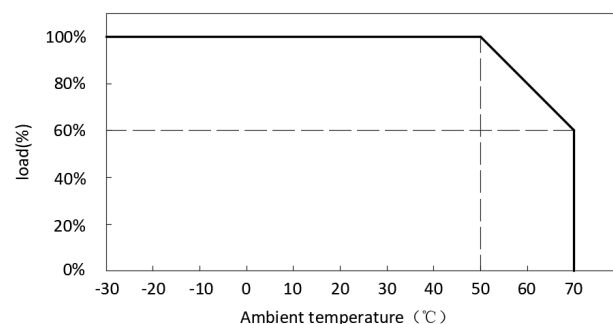
Transient response (50 to 100% load step)
at 115 Vin



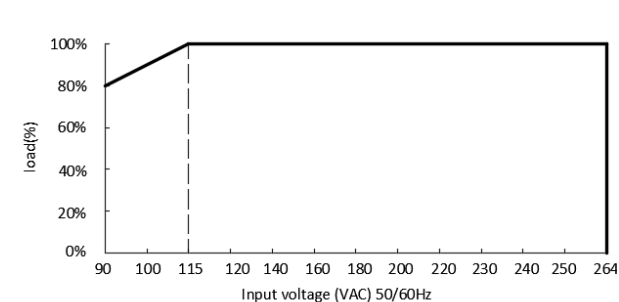
Transient response (50 to 100% load step)
at 230 Vin



Derating Output Load versus Ambient Temperature

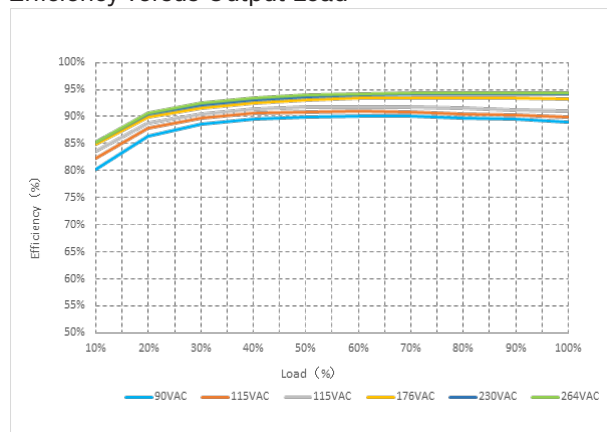


Derating Output Load versus Input Voltage

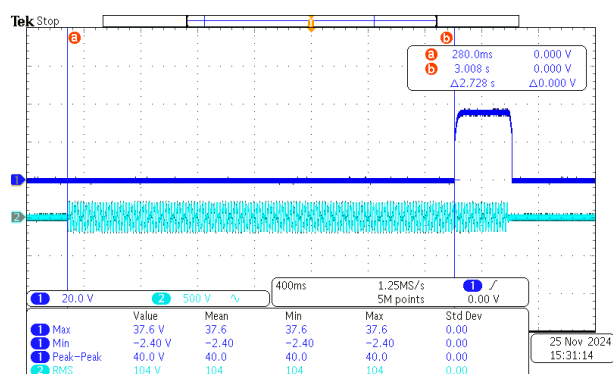


On-demand model with 36 Vout

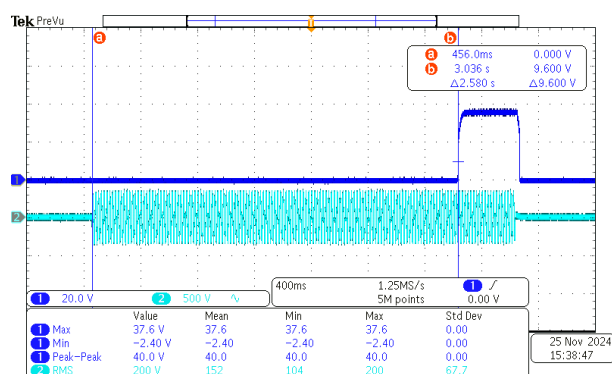
Efficiency versus Output Load



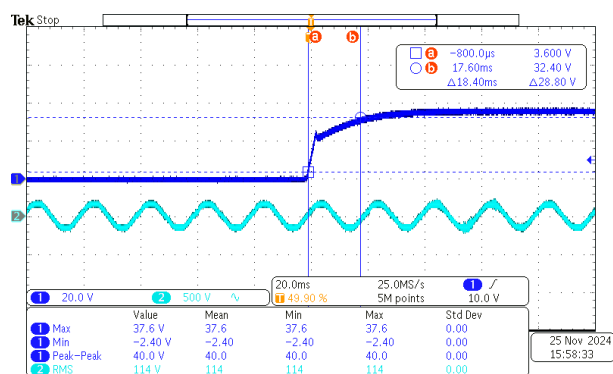
Typical Start-Up Characteristic at 115 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



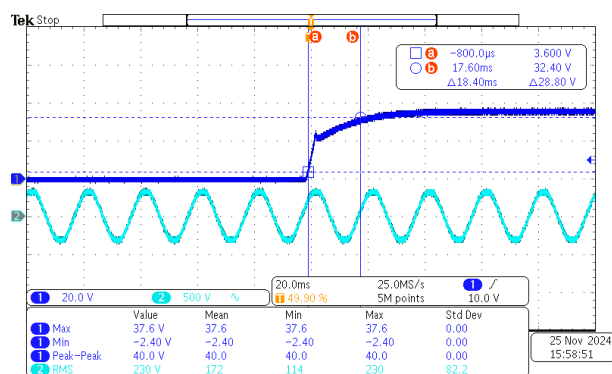
Typical Start-Up Characteristic at 230 Vin [Ch1: Output Voltage] [Ch2: Input Voltage]



Typical Output Rise Characteristic at 115 Vin [Ch1: Output Voltage]

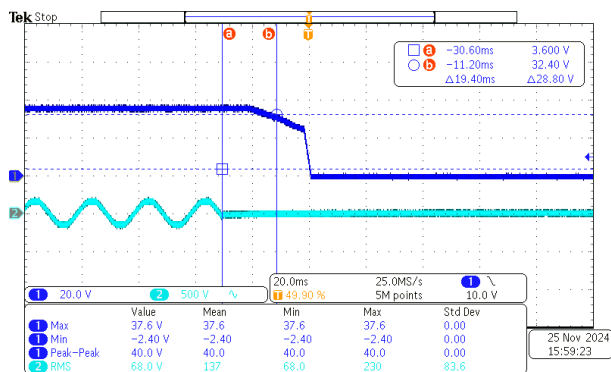


Typical Output Rise Characteristic at 230 Vin [Ch1: Output Voltage]

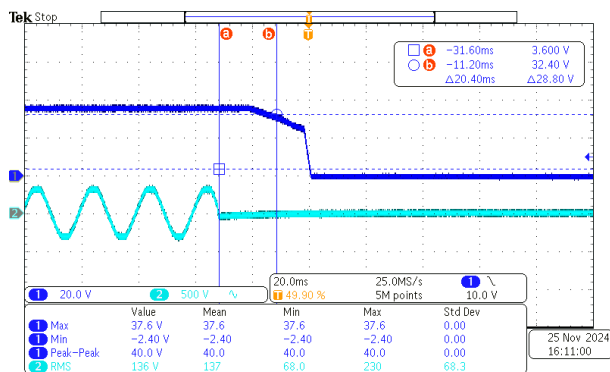


On-demand model with 36 Vout

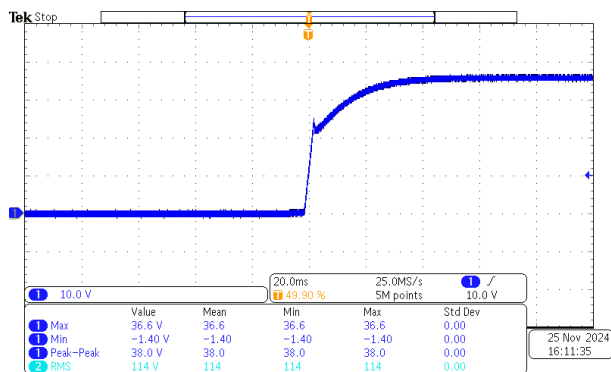
Typical Output Hold-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



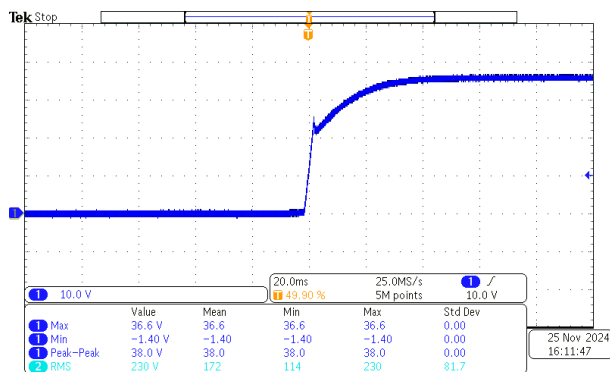
Typical Output Hold-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



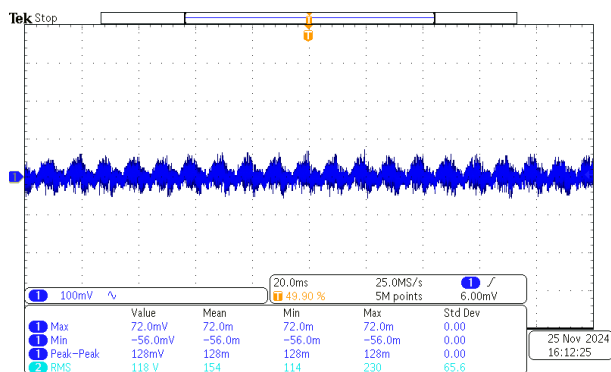
Typical Output Voltage Overshoot Characteristic at 115 Vin
[Ch1: Output Voltage]



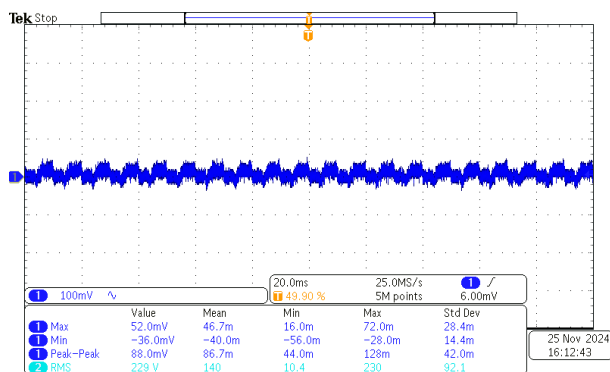
Typical Output Voltage Overshoot Characteristic at 230 Vin
[Ch1: Output Voltage]



Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)

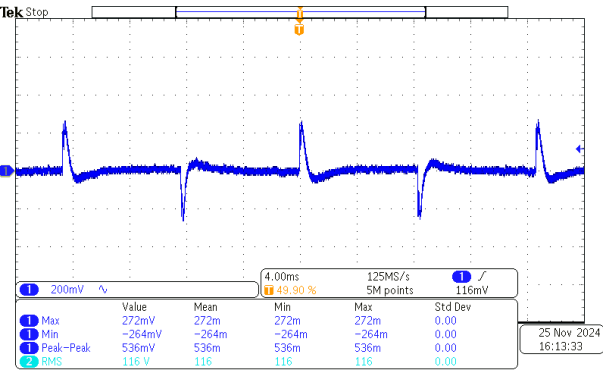


Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)

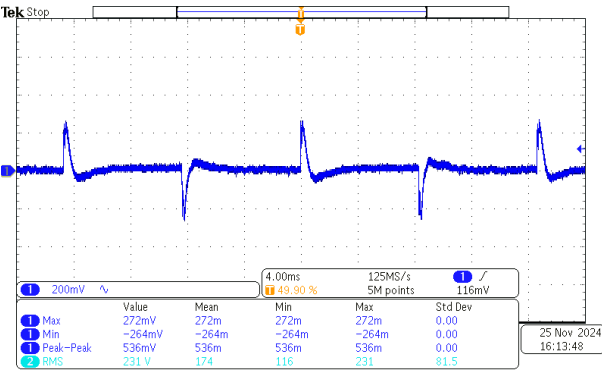


On-demand model with 36 Vout

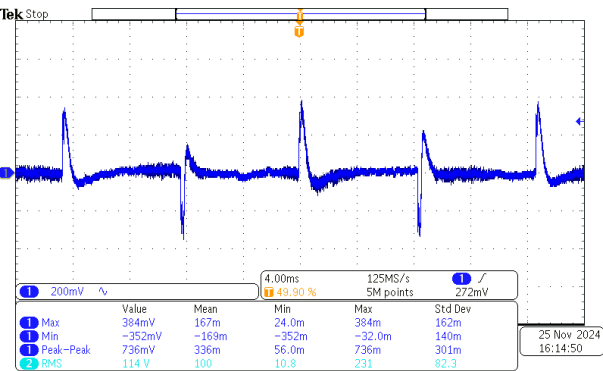
Transient response (10 to 50% load step)
at 115 Vin



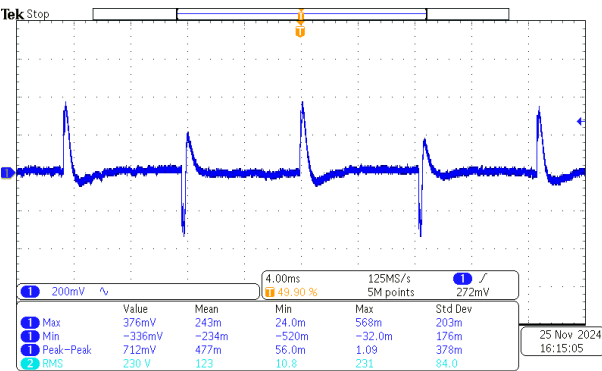
Transient response (10 to 50% load step)
at 230 Vin



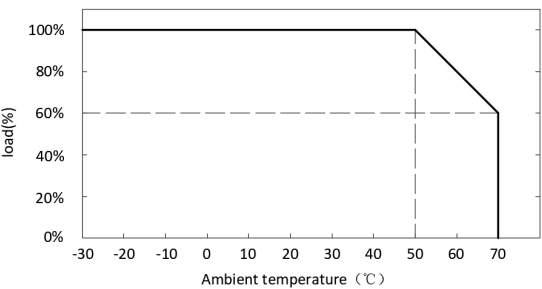
Transient response (50 to 100% load step)
at 115 Vin



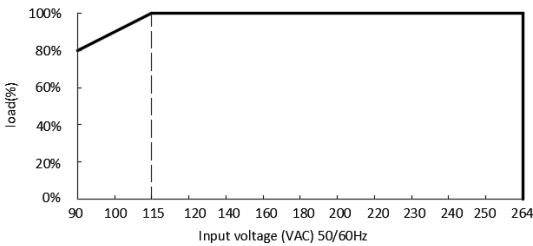
Transient response (50 to 100% load step)
at 230 Vin



Derating Output Load versus Ambient Temperature



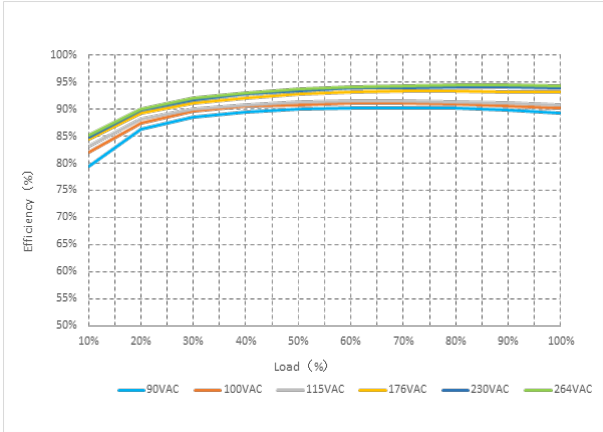
Derating Output Load versus Input Voltage



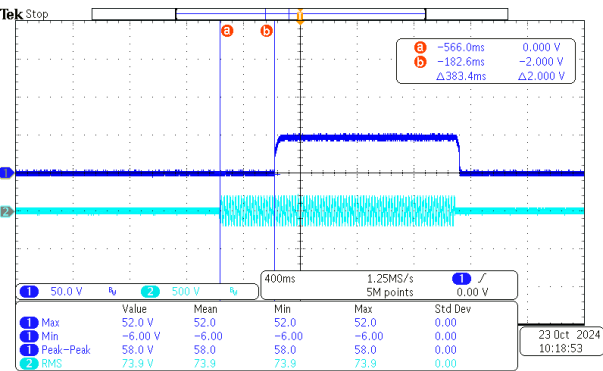
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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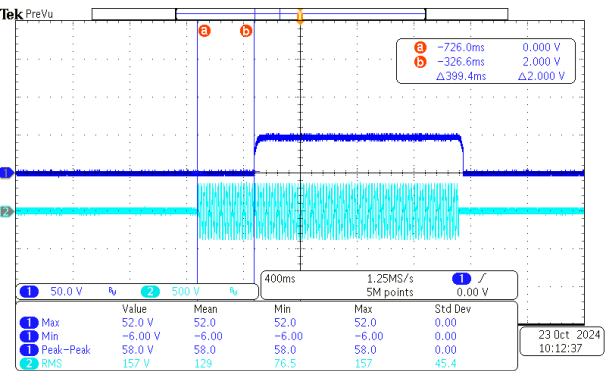
Efficiency versus Output Load



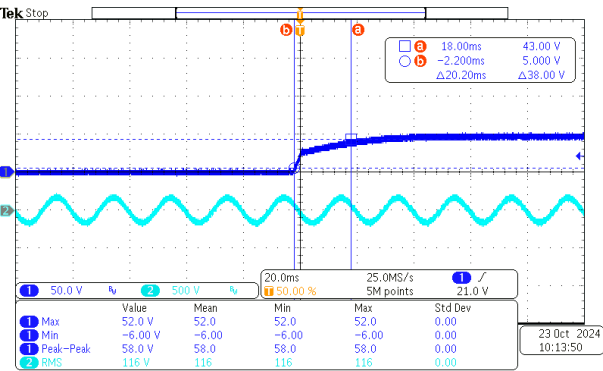
Typical Start-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



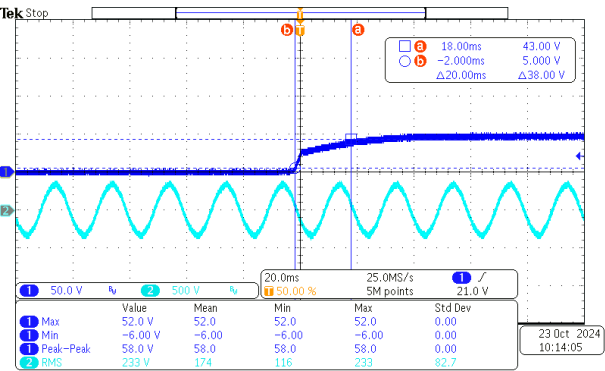
Typical Start-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



Typical Output Rise Characteristic at 115 Vin
[Ch1: Output Voltage]



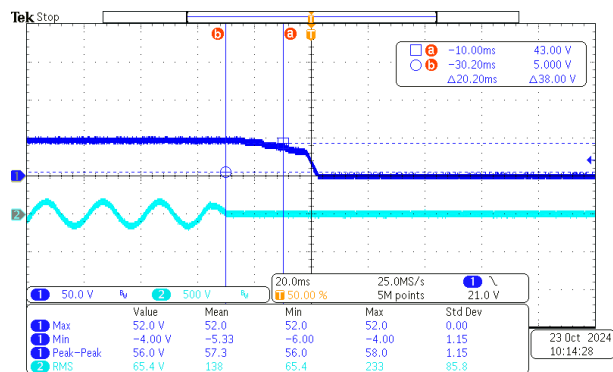
Typical Output Rise Characteristic at 230 Vin
[Ch1: Output Voltage]



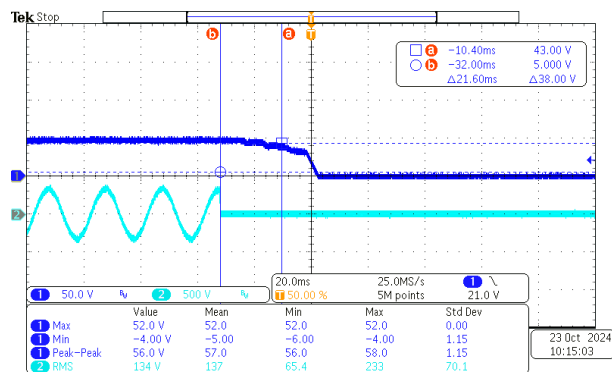
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TXN 1000-148

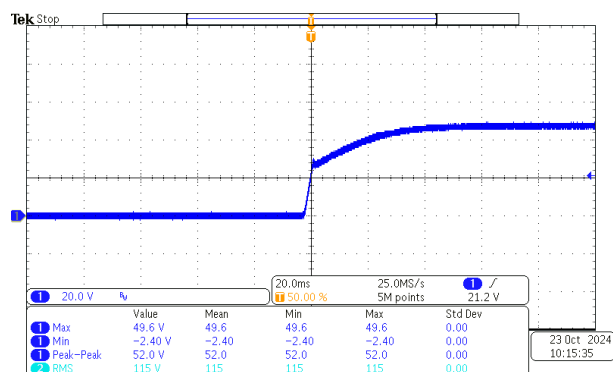
Typical Output Hold-Up Characteristic at 115 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



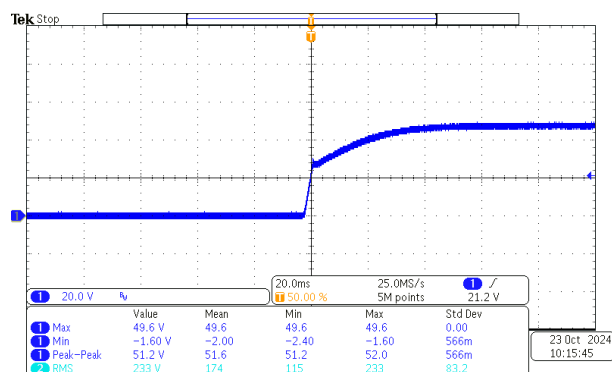
Typical Output Hold-Up Characteristic at 230 Vin
[Ch1: Output Voltage] [Ch2: Input Voltage]



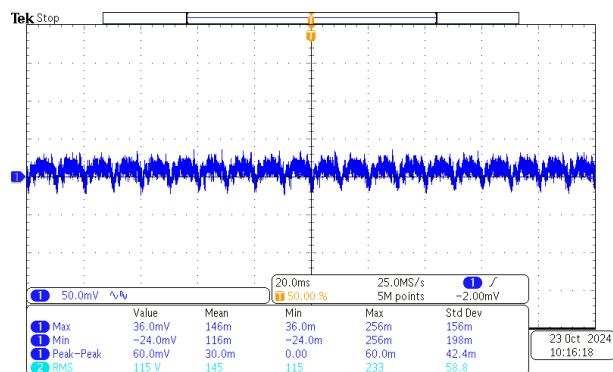
Typical Output Voltage Overshoot Characteristic at 115 Vin
[Ch1: Output Voltage]



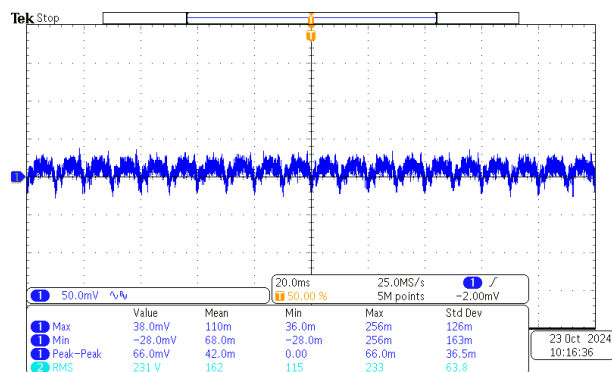
Typical Output Voltage Overshoot Characteristic at 230 Vin
[Ch1: Output Voltage]



Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)

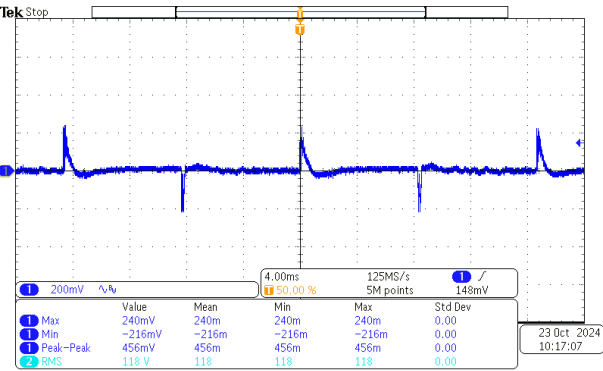


Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)

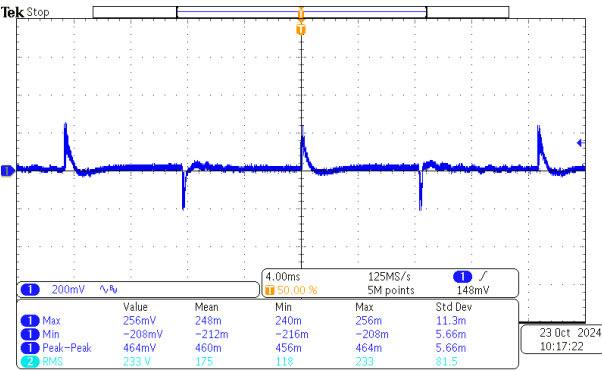


TXN 1000-148

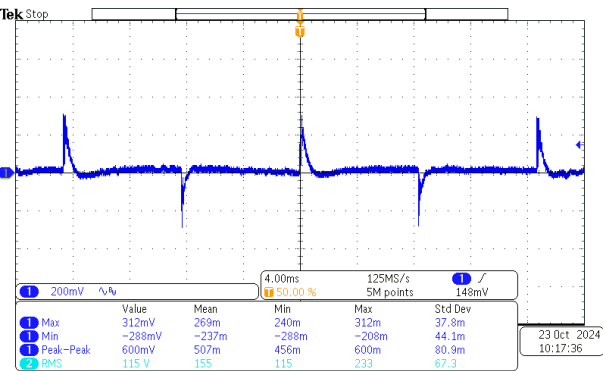
Transient response (10 to 50% load step)
at 115 Vin



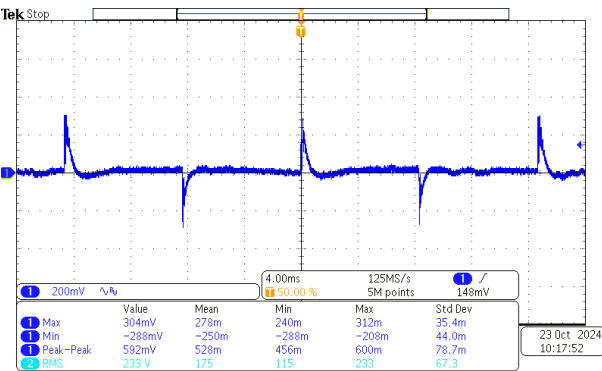
Transient response (10 to 50% load step)
at 230 Vin



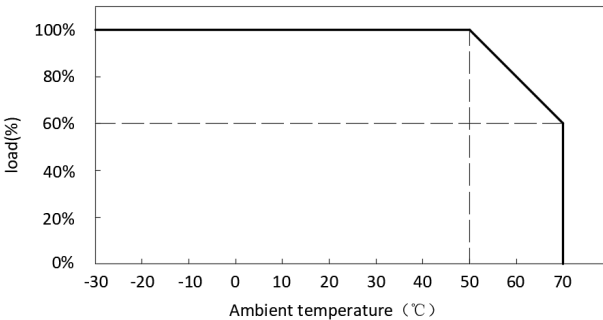
Transient response (50 to 100% load step)
at 115 Vin



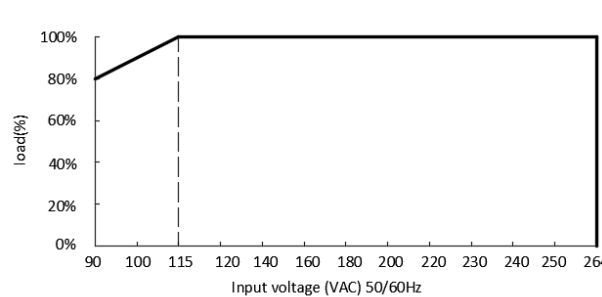
Transient response (50 to 100% load step)
at 230 Vin



Derating Output Load versus Ambient Temperature



Derating Output Load versus Input Voltage



All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.