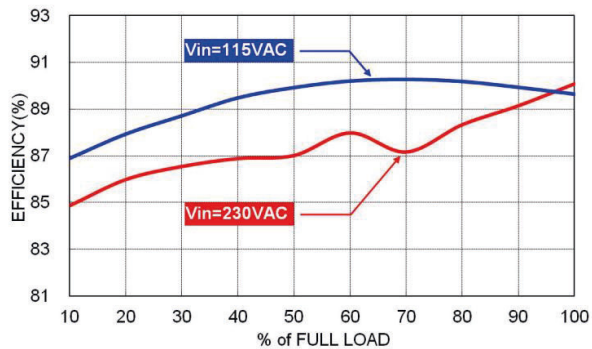


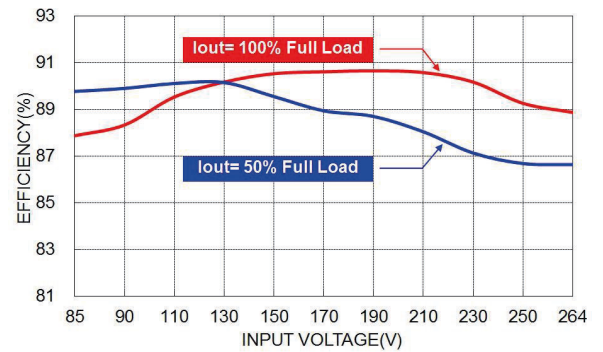
Characteristic Curves

TPI 50-105A-J

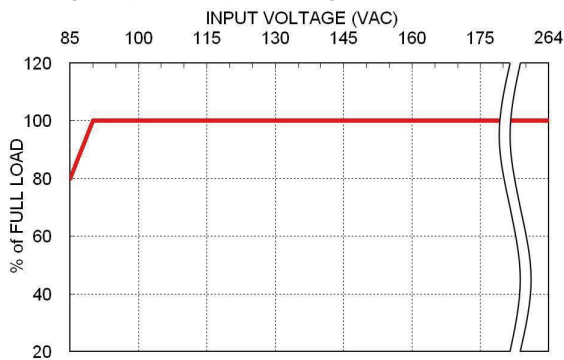
Efficiency versus Output Load



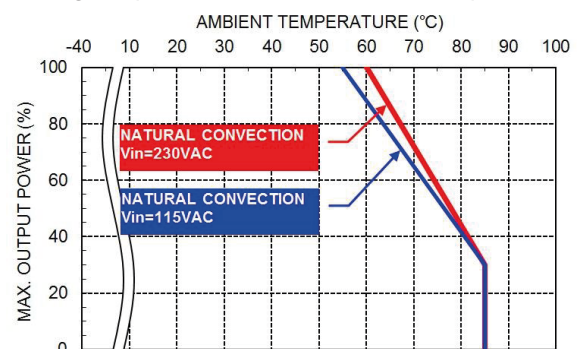
Efficiency versus Input Voltage



Derating Output vs Input Voltage

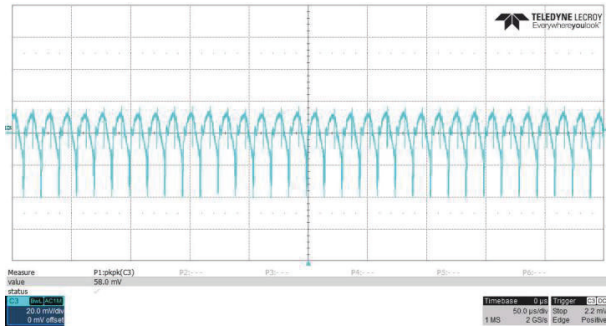


Derating Output Load versus Ambient Temperature

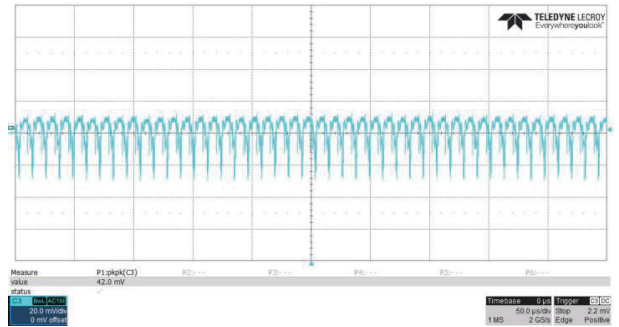


TPI 50-105A-J

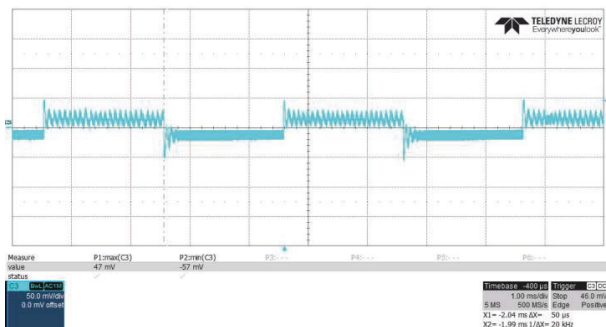
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



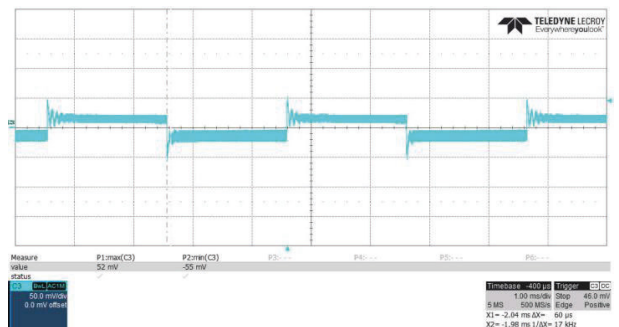
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



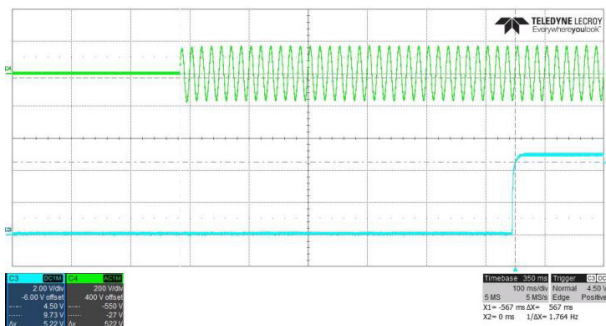
Transient Response to Dynamic Load Change (25%)
at 115 Vin



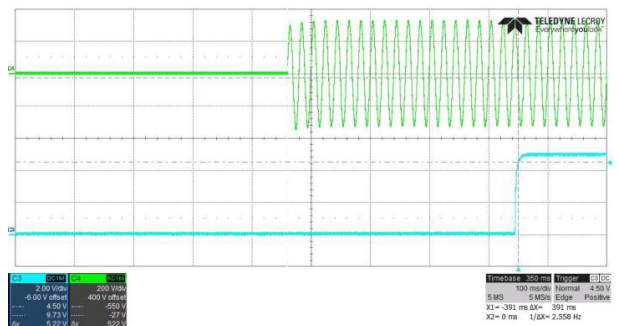
Transient Response to Dynamic Load Change (25%)
at 230 Vin



Typical Input-Start-Up Characteristic at 115 Vin

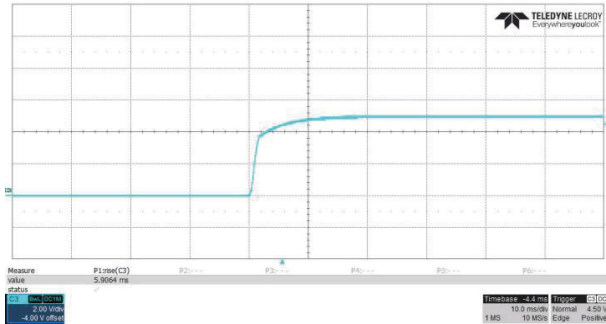


Typical Input-Start-Up Characteristic at 230 Vin

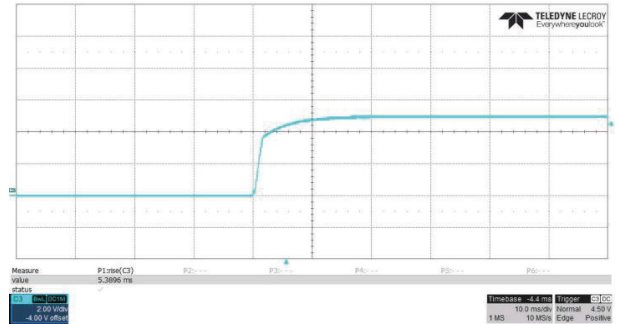


TPI 50-105A-J

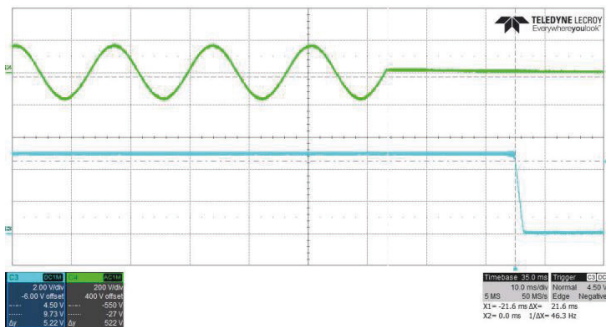
Typical Output Rise Characteristic at 115 Vin



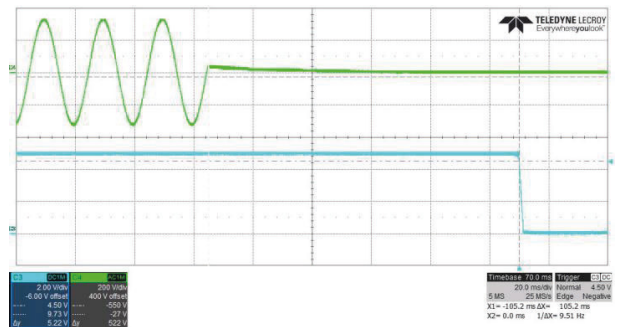
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

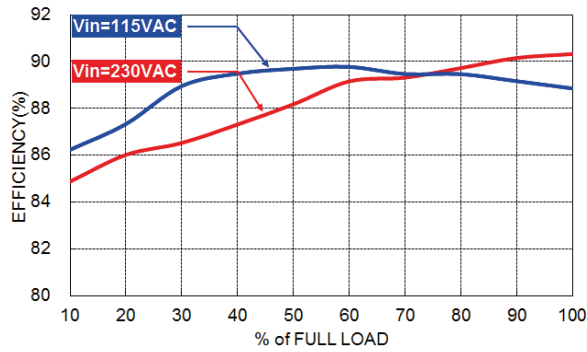


Typical Hold-Up Characteristic at 230 Vin

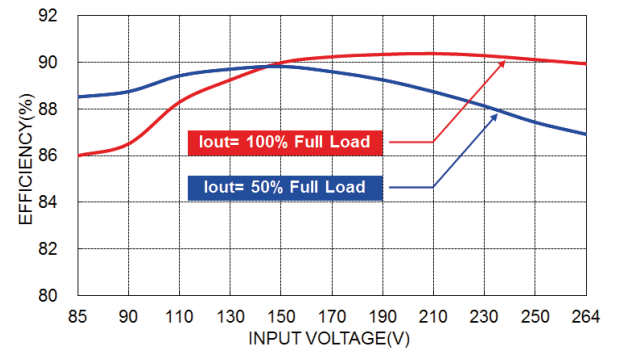


On demand model with 7.5 Vout

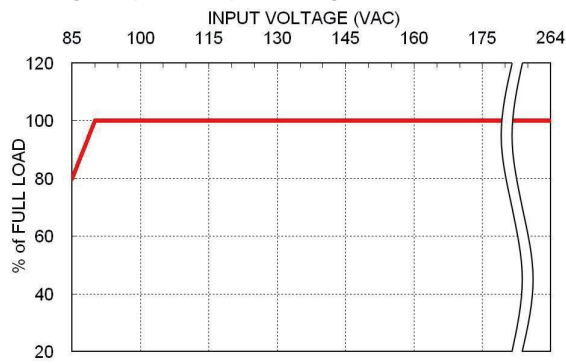
Efficiency versus Output Load



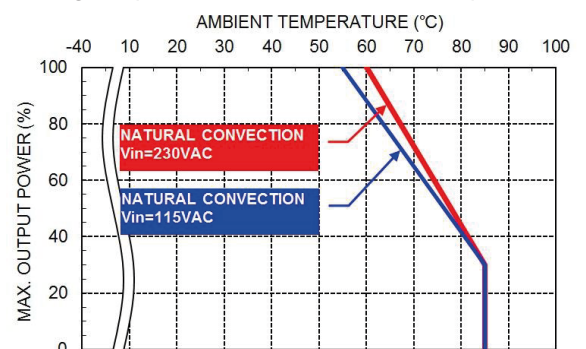
Efficiency versus Input Voltage



Derating Output vs Input Voltage

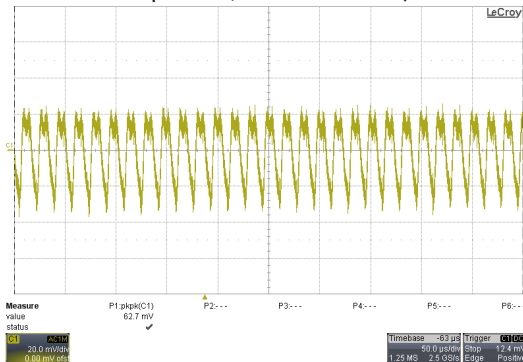


Derating Output Load versus Ambient Temperature

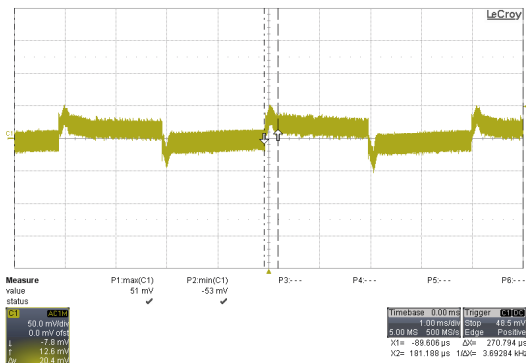


On demand model with 7.5 Vout

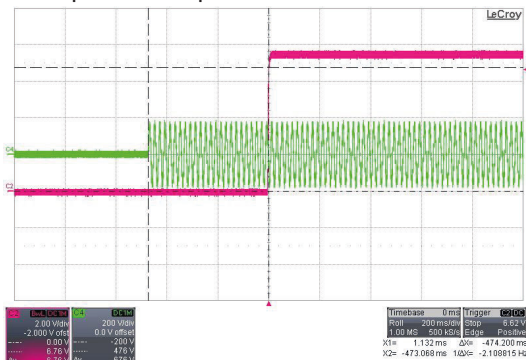
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



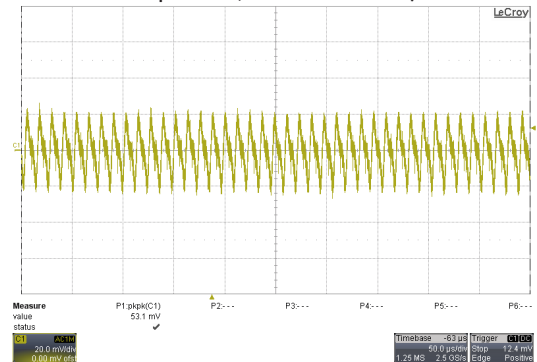
Transient Response to Dynamic Load Change (25%)
at 115 Vin



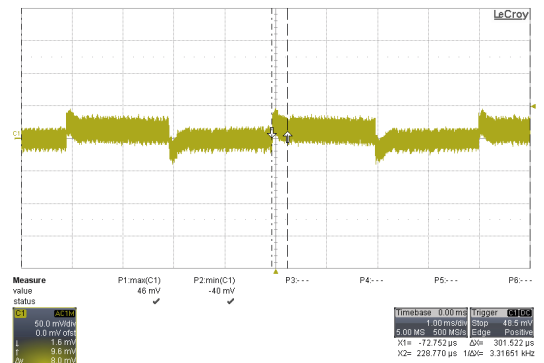
Typical Input-Start-Up Characteristic at 115 Vin



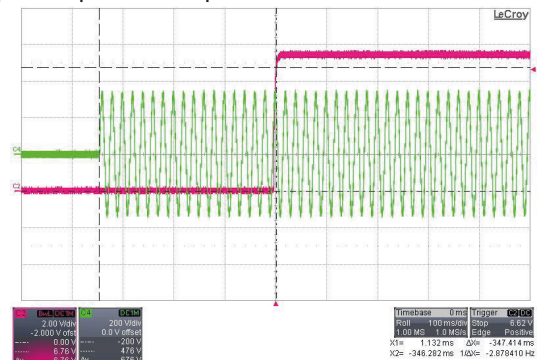
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

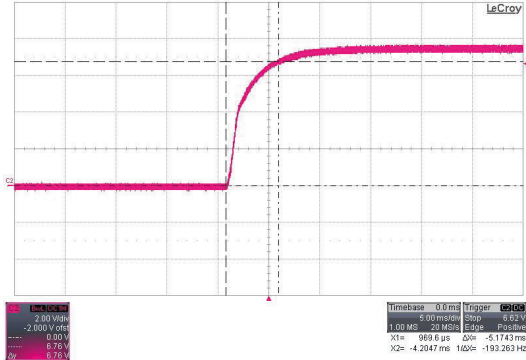


Typical Input-Start-Up Characteristic at 230 Vin

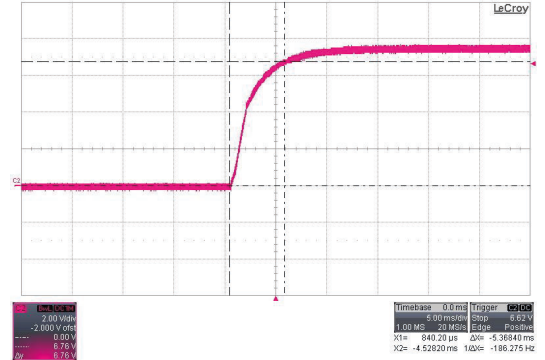


On demand model with 7.5 Vout

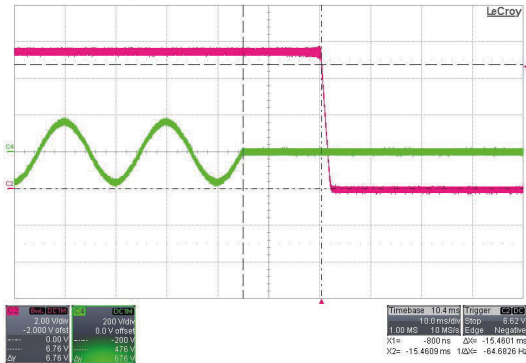
Typical Output Rise Characteristic at 115 Vin



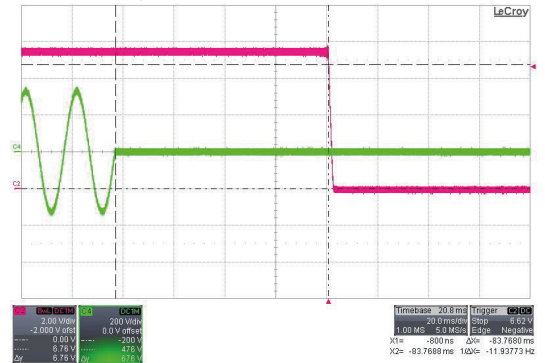
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

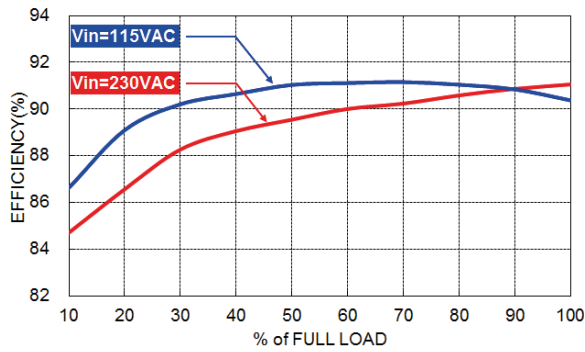


Typical Hold-Up Characteristic at 230 Vin

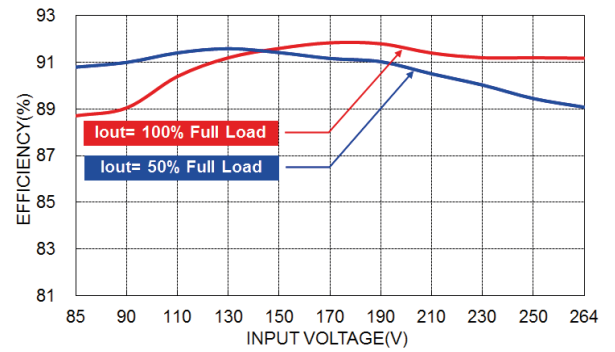


On demand model with 9 Vout

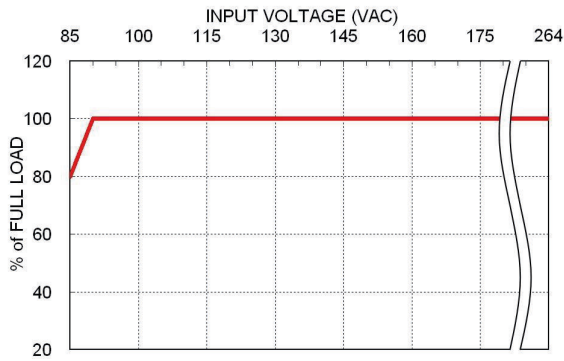
Efficiency versus Output Load



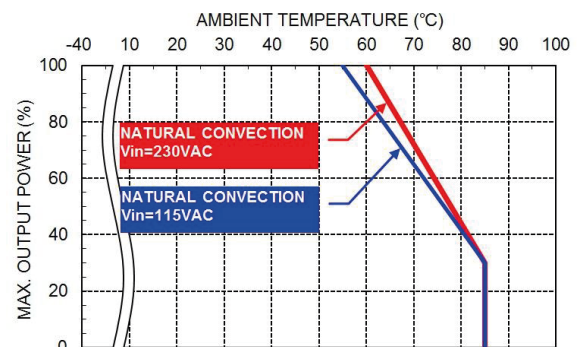
Efficiency versus Input Voltage



Derating Output vs Input Voltage

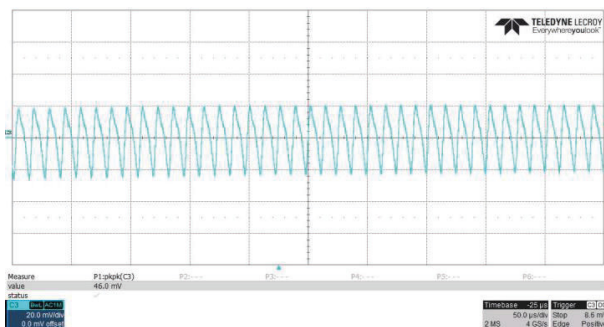


Derating Output Load versus Ambient Temperature

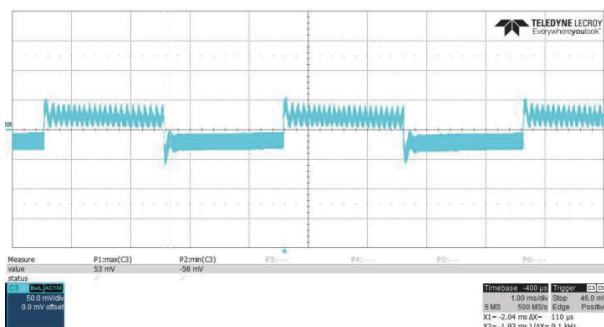


On demand model with 9 Vout

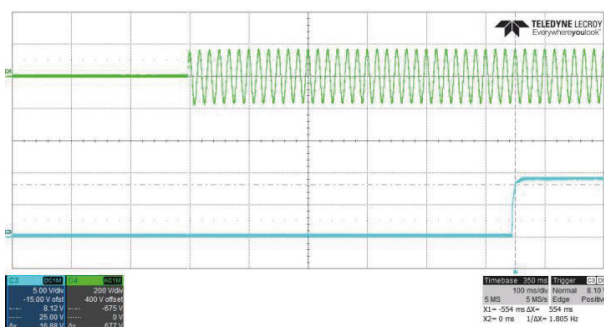
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



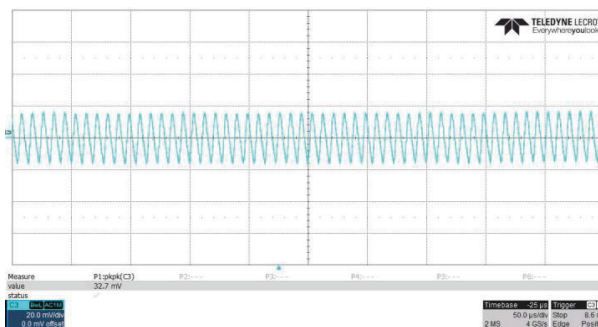
Transient Response to Dynamic Load Change (25%)
at 115 Vin



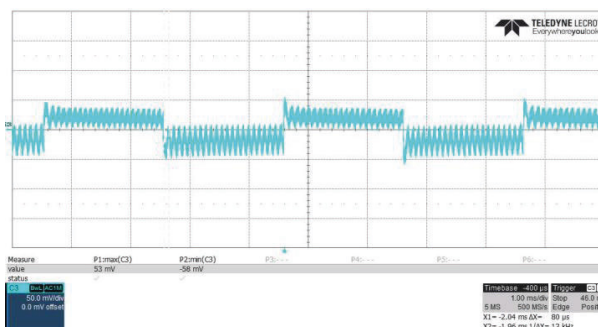
Typical Input-Start-Up Characteristic at 115 Vin



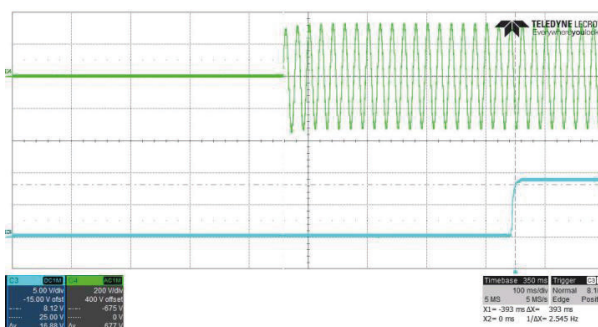
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

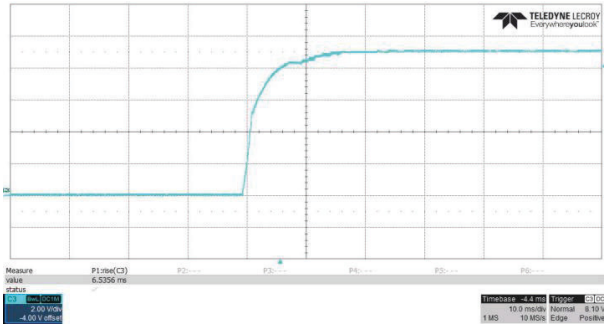


Typical Input-Start-Up Characteristic at 230 Vin

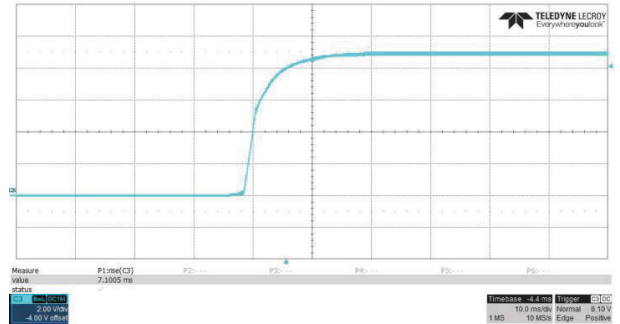


On demand model with 9 Vout

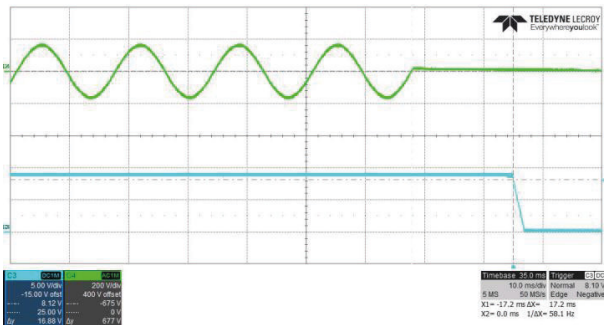
Typical Output Rise Characteristic at 115 Vin



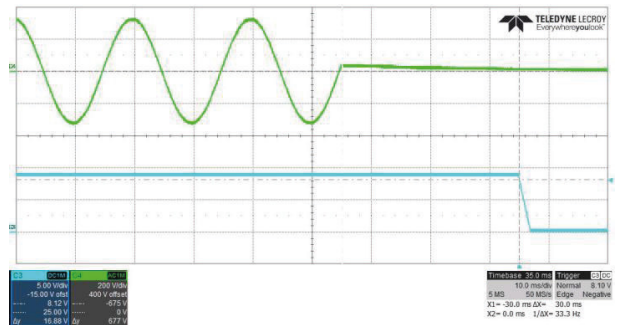
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

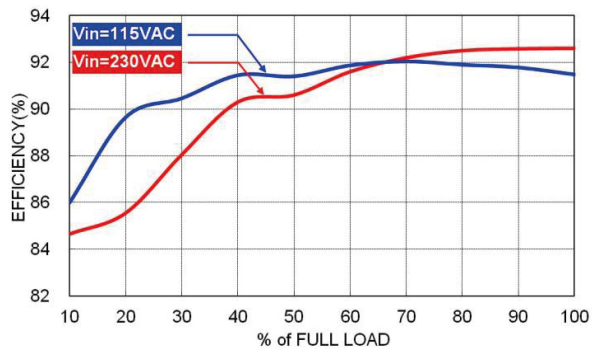


Typical Hold-Up Characteristic at 230 Vin

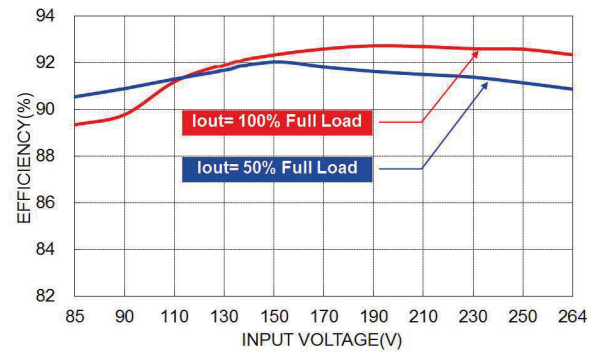


TPI 50-112A-J

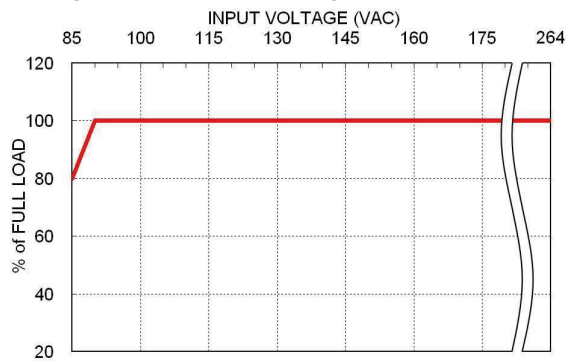
Efficiency versus Output Load



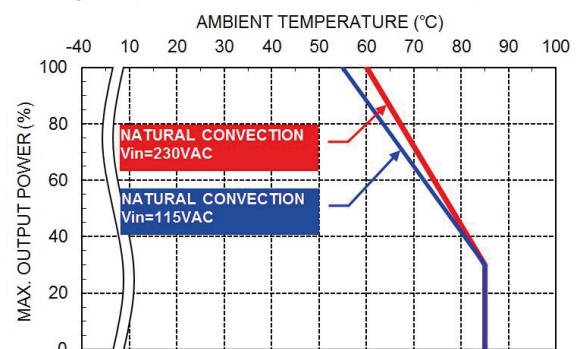
Efficiency versus Input Voltage



Derating Output vs Input Voltage

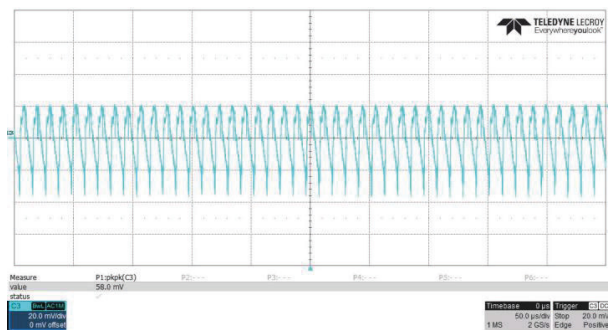


Derating Output Load versus Ambient Temperature

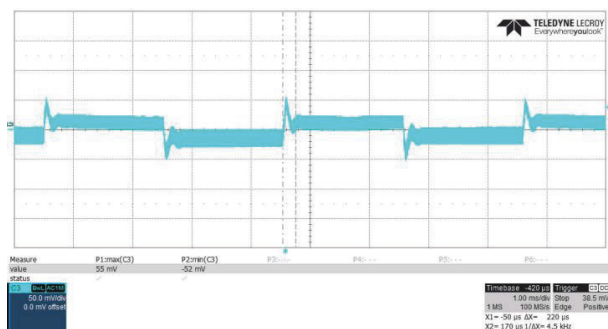


TPI 50-112A-J

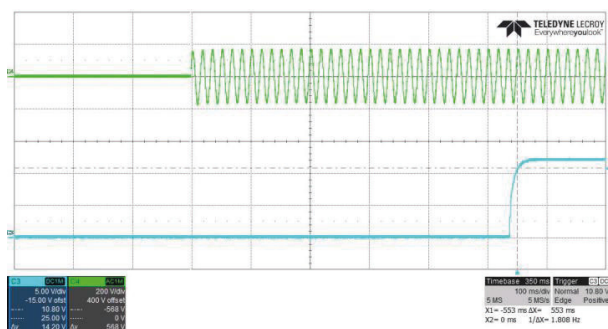
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



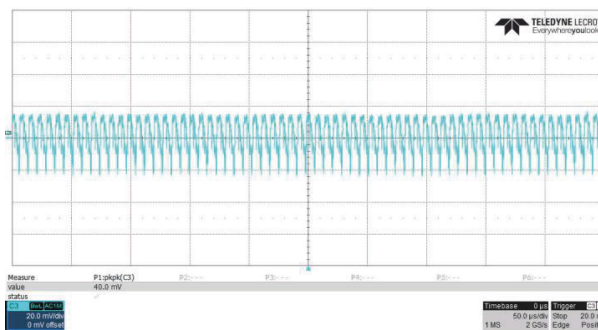
Transient Response to Dynamic Load Change (25%)
at 115 Vin



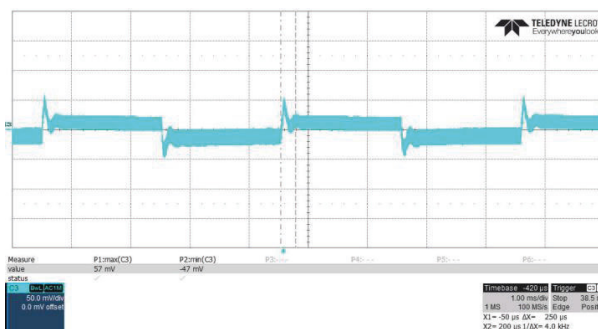
Typical Input-Start-Up Characteristic at 115 Vin



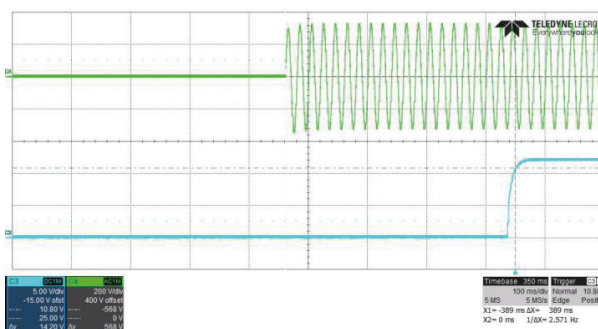
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

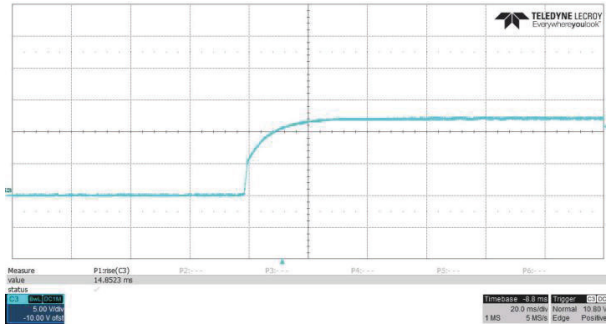


Typical Input-Start-Up Characteristic at 230 Vin

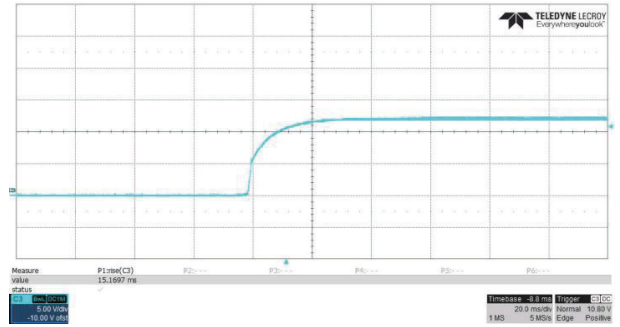


TPI 50-112A-J

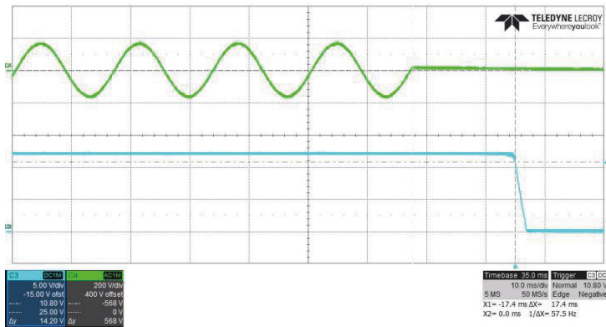
Typical Output Rise Characteristic at 115 Vin



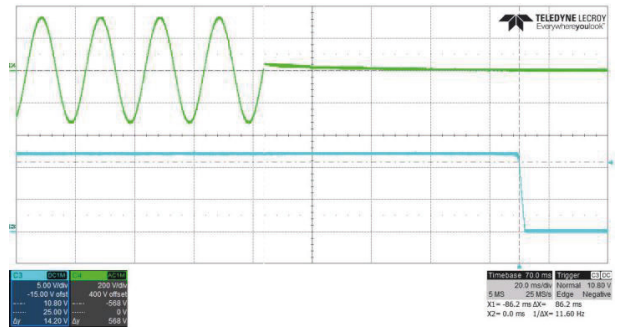
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

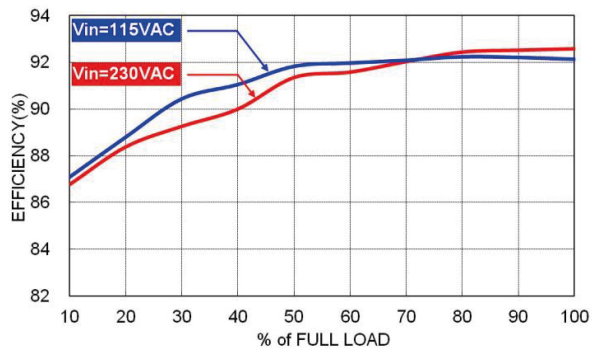


Typical Hold-Up Characteristic at 230 Vin

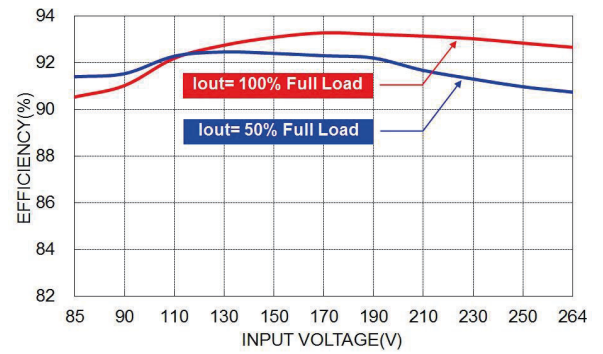


TPI 50-115A-J

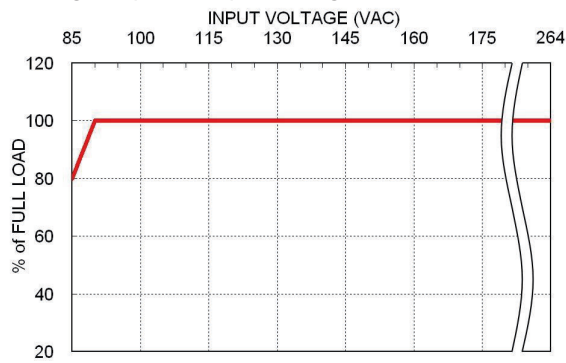
Efficiency versus Output Load



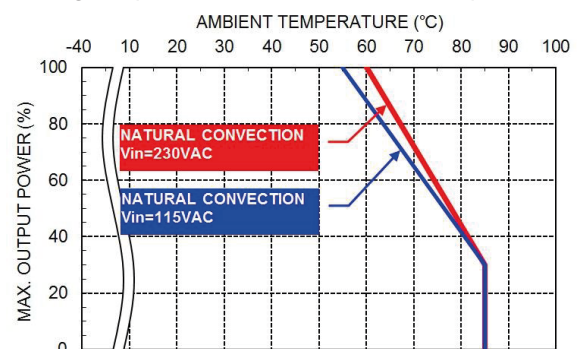
Efficiency versus Input Voltage



Derating Output vs Input Voltage

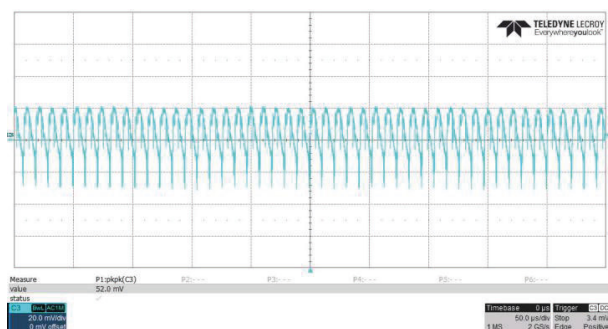


Derating Output Load versus Ambient Temperature

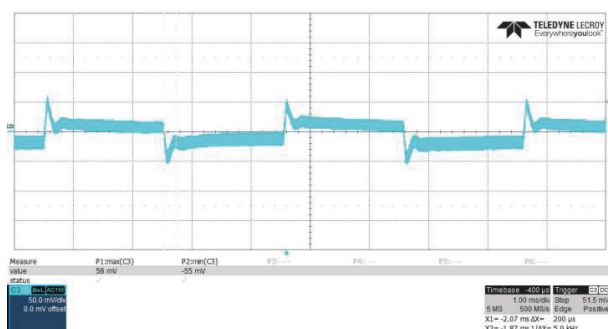


TPI 50-115A-J

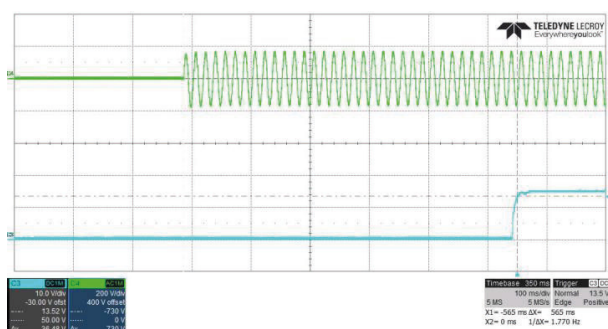
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



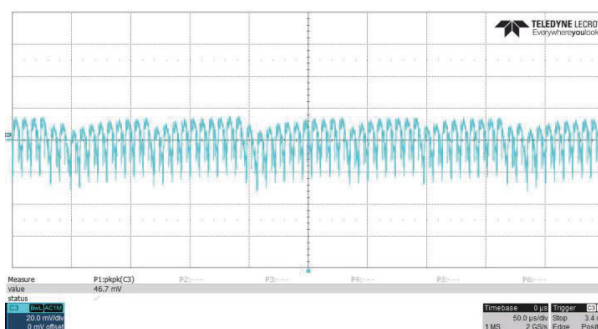
Transient Response to Dynamic Load Change (25%)
at 115 Vin



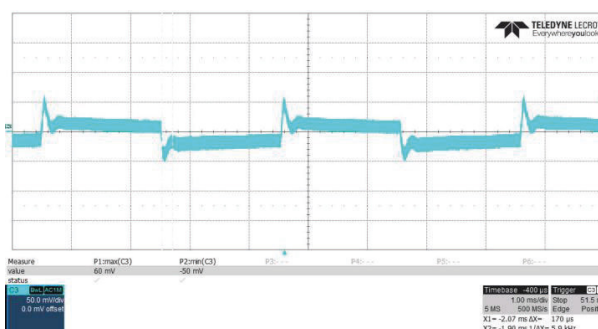
Typical Input-Start-Up Characteristic at 115 Vin



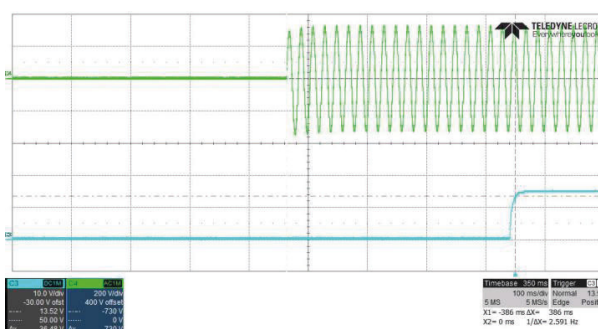
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

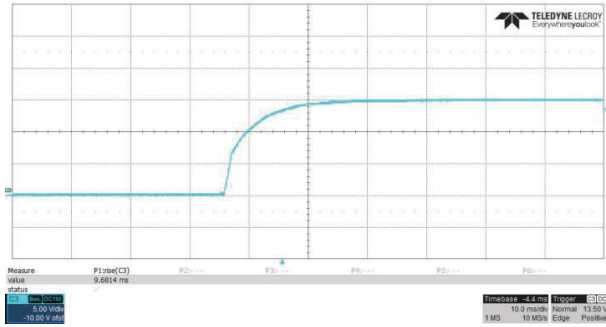


Typical Input-Start-Up Characteristic at 230 Vin

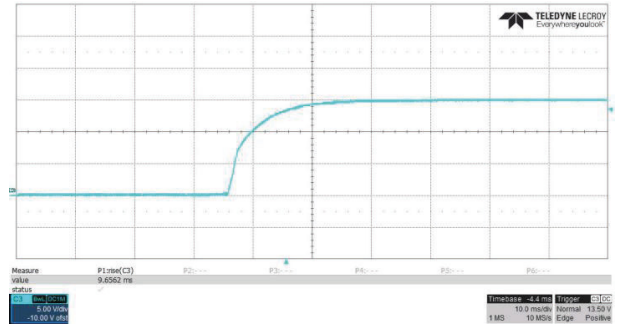


TPI 50-115A-J

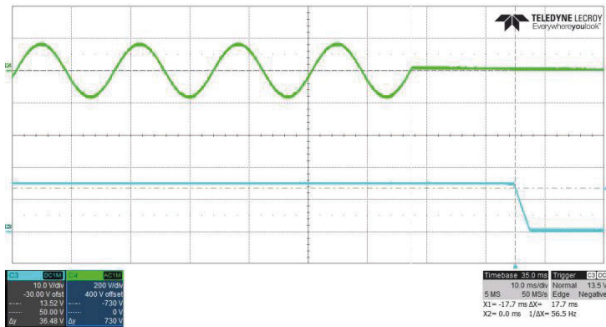
Typical Output Rise Characteristic at 115 Vin



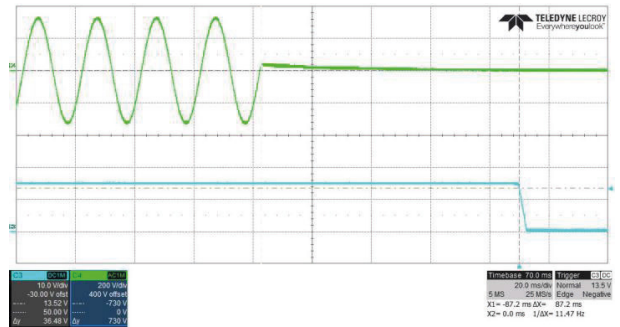
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

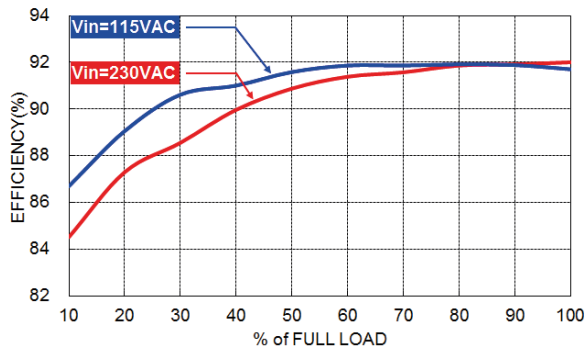


Typical Hold-Up Characteristic at 230 Vin

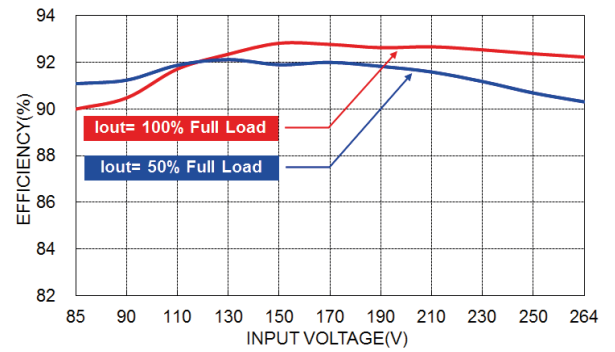


On demand model with 18 Vout

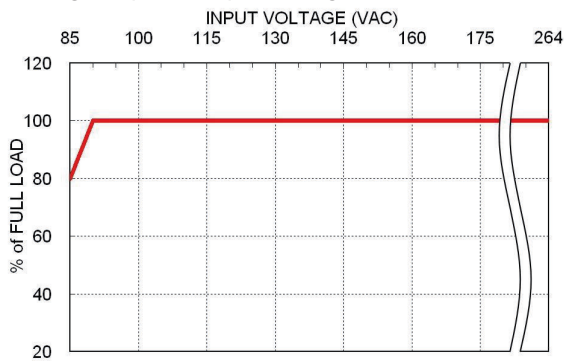
Efficiency versus Output Load



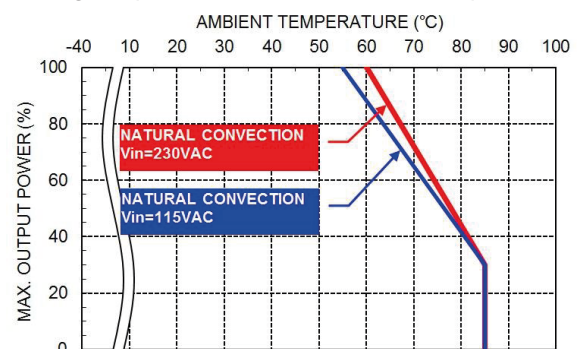
Efficiency versus Input Voltage



Derating Output vs Input Voltage

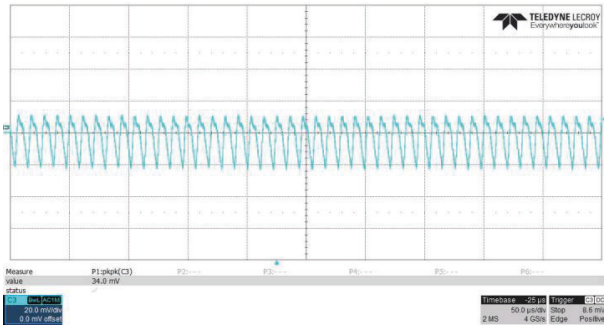


Derating Output Load versus Ambient Temperature

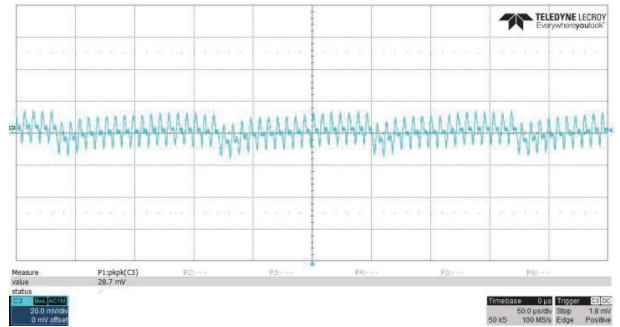


On demand model with 18 Vout

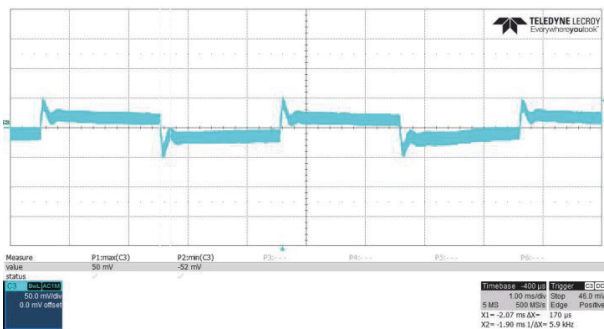
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



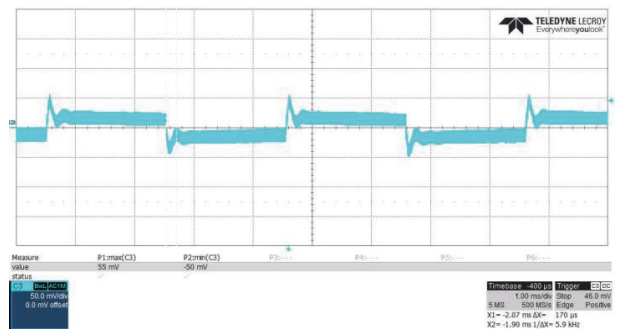
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



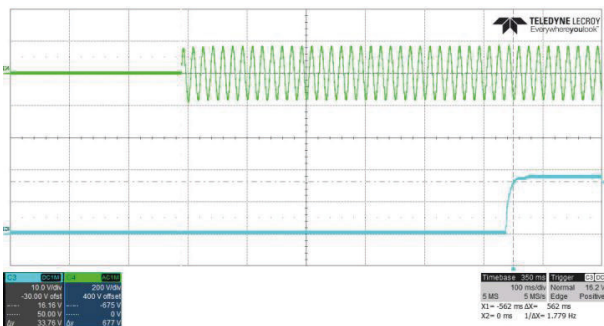
Transient Response to Dynamic Load Change (25%)
at 115 Vin



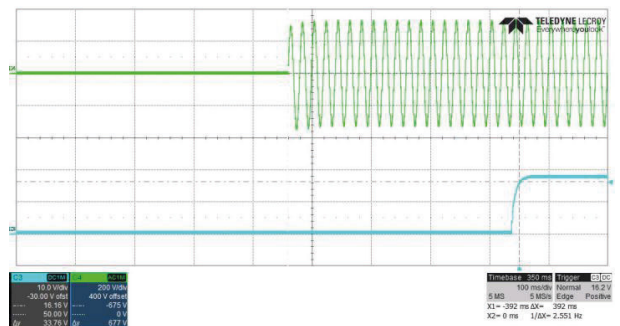
Transient Response to Dynamic Load Change (25%)
at 230 Vin



Typical Input-Start-Up Characteristic at 115 Vin

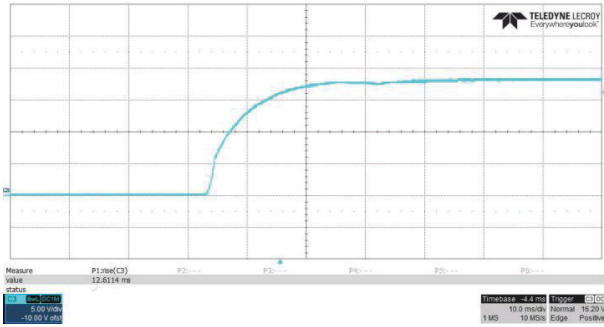


Typical Input-Start-Up Characteristic at 230 Vin

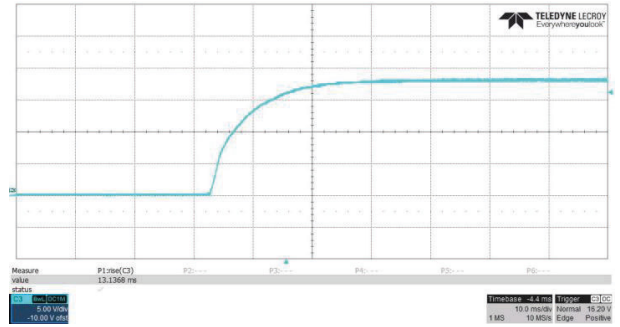


On demand model with 18 Vout

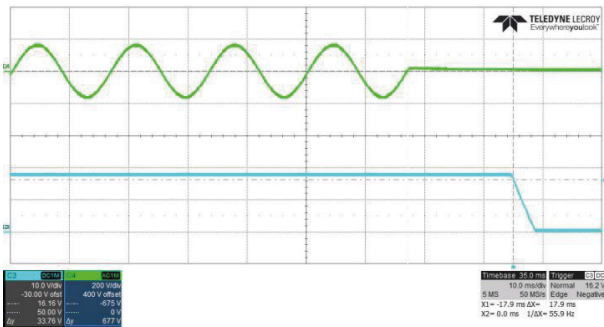
Typical Output Rise Characteristic at 115 Vin



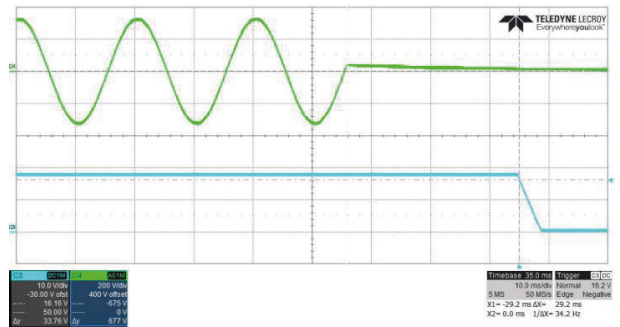
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

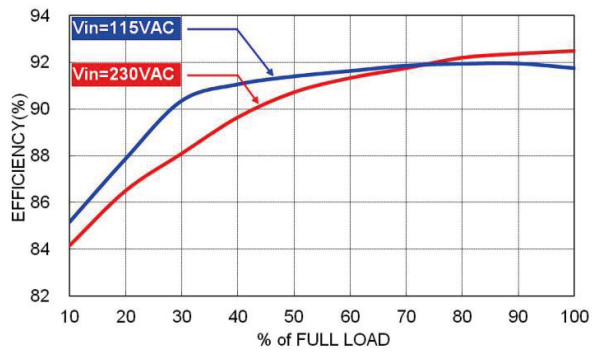


Typical Hold-Up Characteristic at 230 Vin

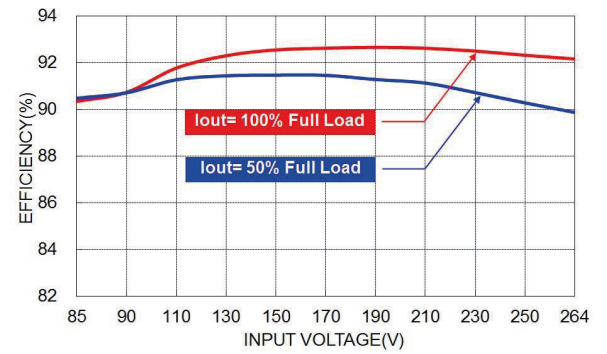


TPI 50-124A-J

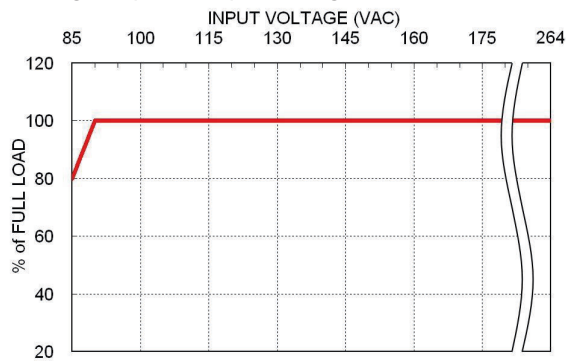
Efficiency versus Output Load



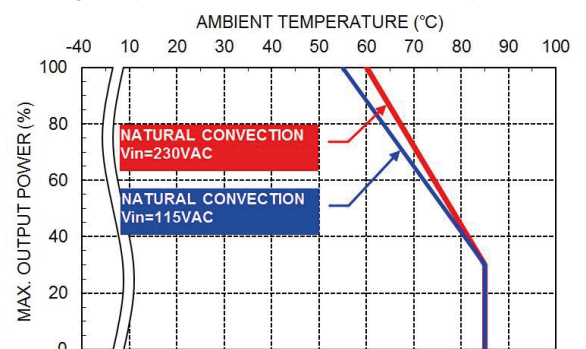
Efficiency versus Input Voltage



Derating Output vs Input Voltage

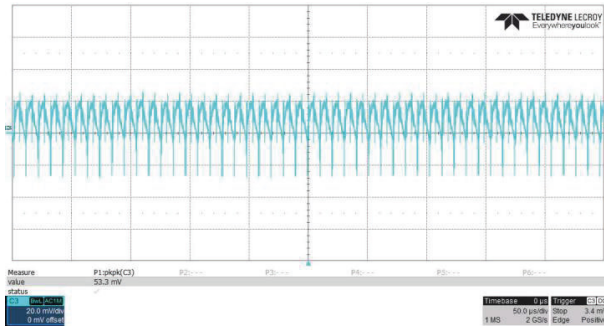


Derating Output Load versus Ambient Temperature

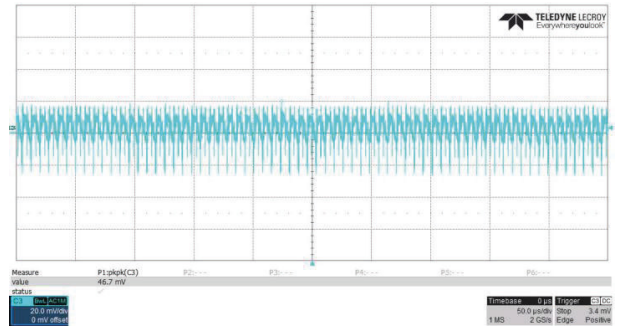


TPI 50-124A-J

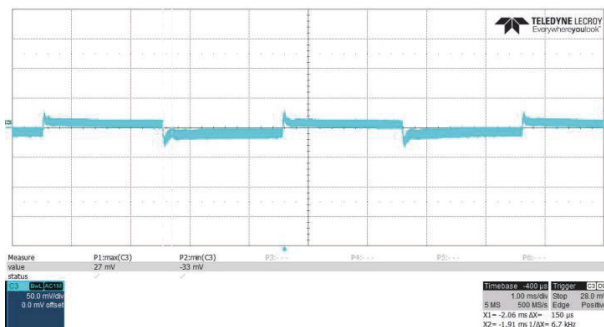
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



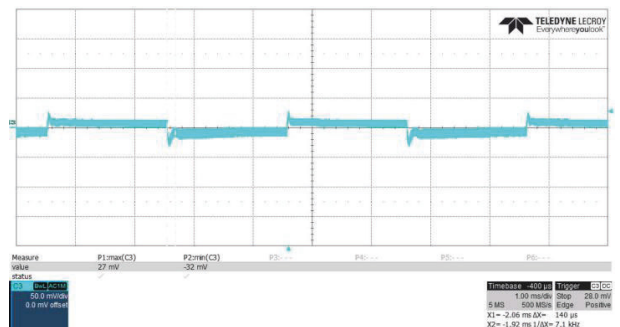
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



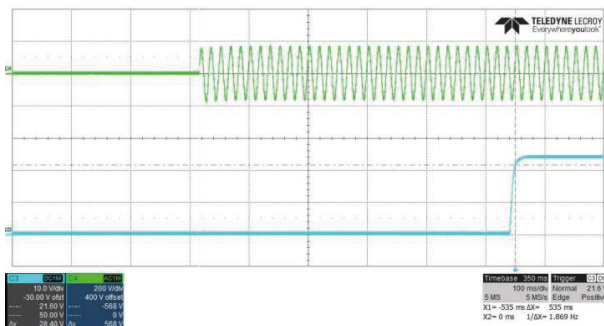
Transient Response to Dynamic Load Change (25%)
at 115 Vin



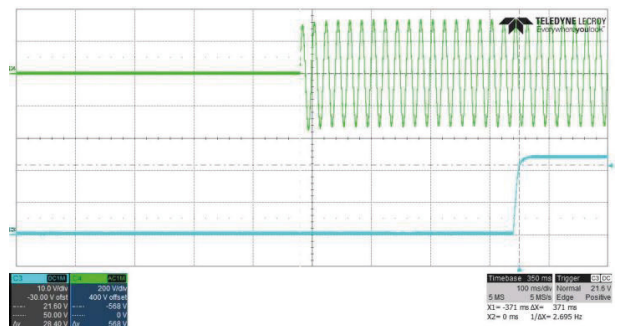
Transient Response to Dynamic Load Change (25%)
at 230 Vin



Typical Input-Start-Up Characteristic at 115 Vin

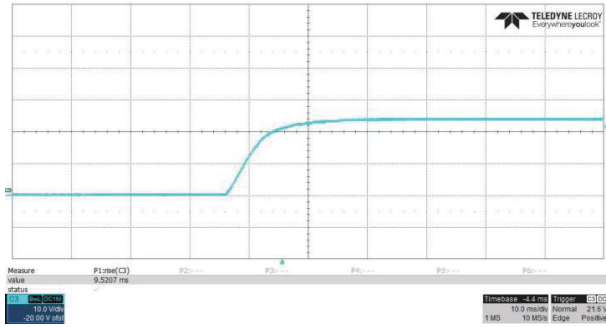


Typical Input-Start-Up Characteristic at 230 Vin

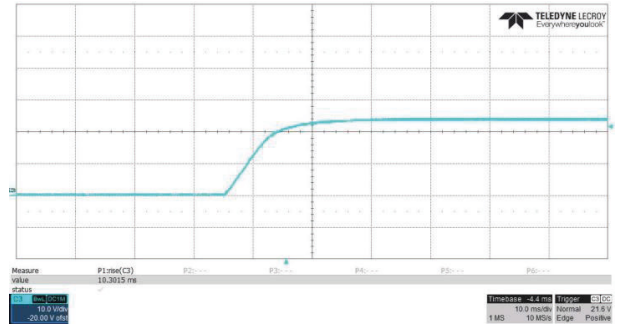


TPI 50-124A-J

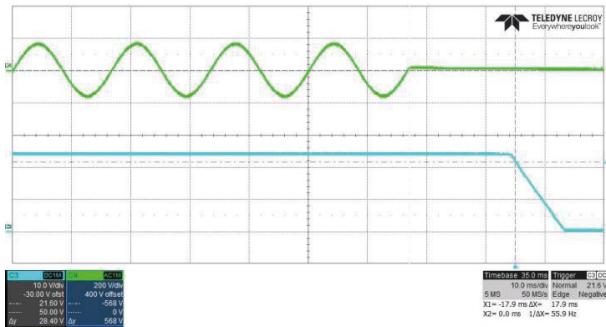
Typical Output Rise Characteristic at 115 Vin



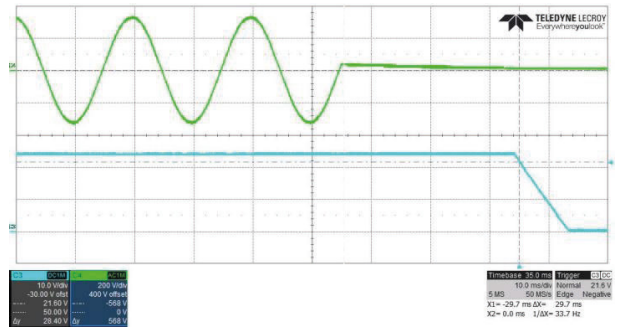
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

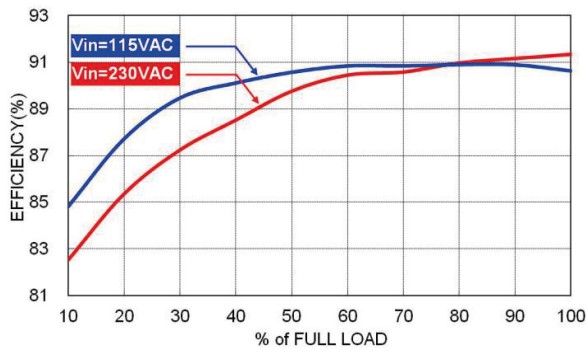


Typical Hold-Up Characteristic at 230 Vin

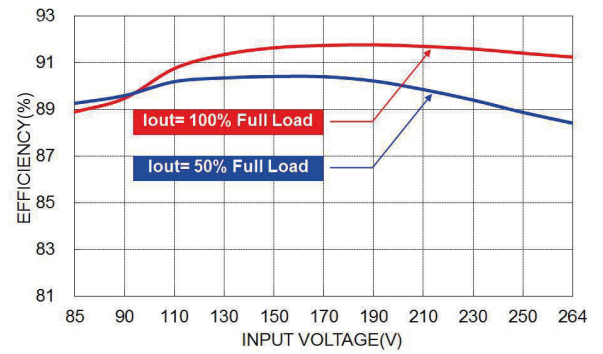


TPI 50-136A-J

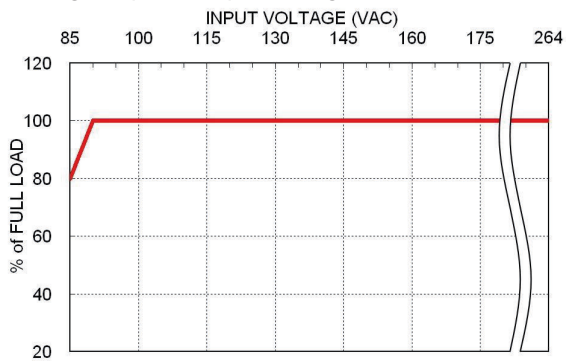
Efficiency versus Output Load



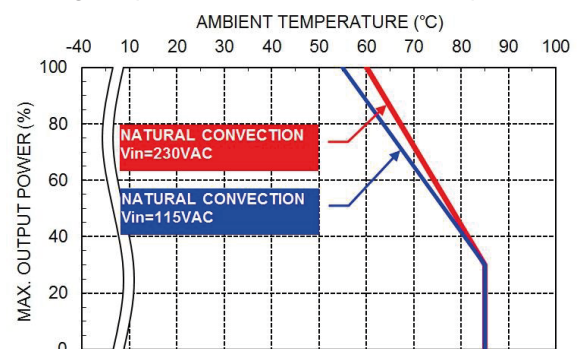
Efficiency versus Input Voltage



Derating Output vs Input Voltage

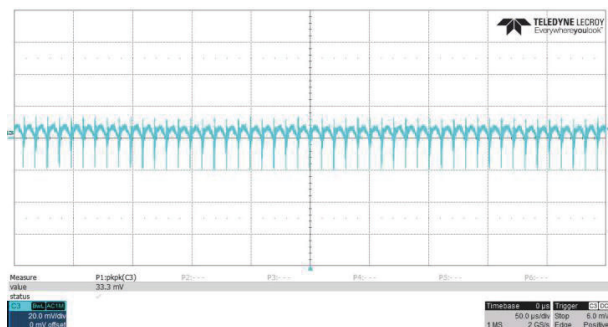


Derating Output Load versus Ambient Temperature

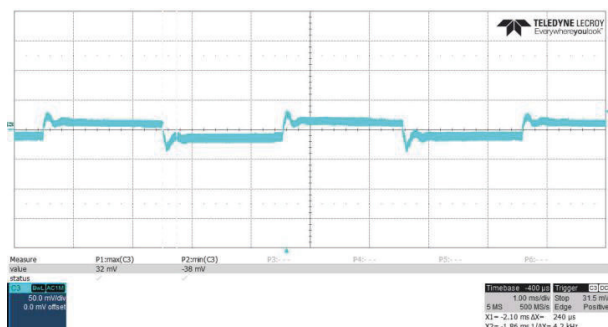


TPI 50-136A-J

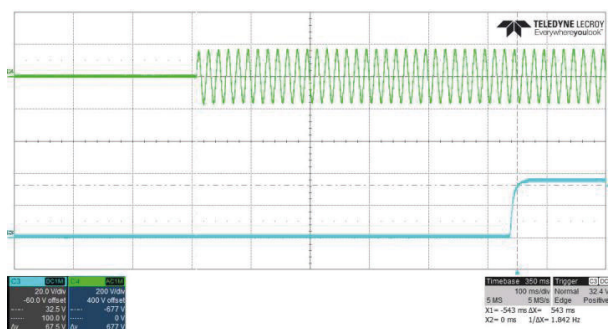
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



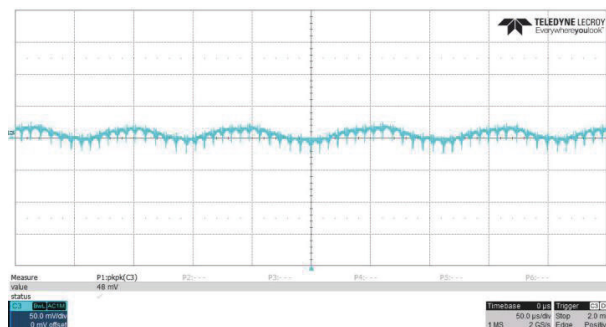
Transient Response to Dynamic Load Change (25%)
at 115 Vin



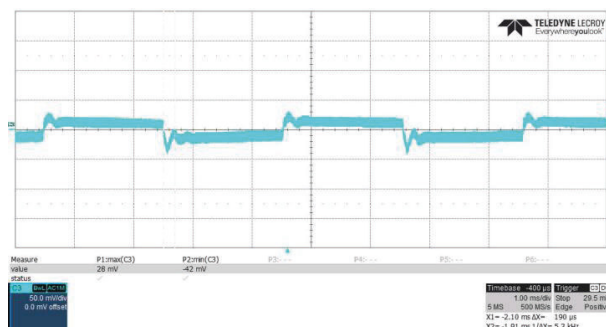
Typical Input-Start-Up Characteristic at 115 Vin



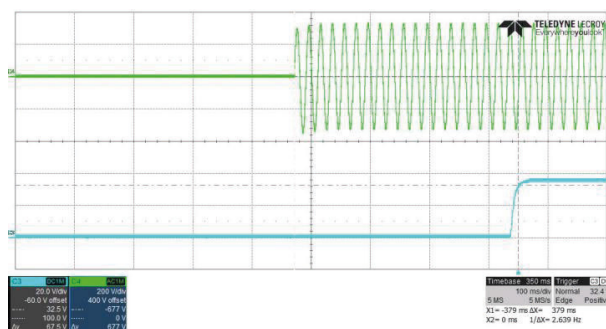
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

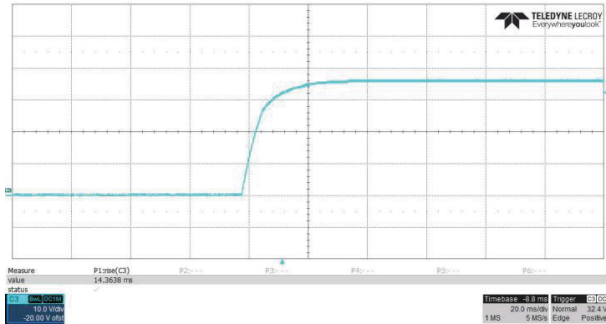


Typical Input-Start-Up Characteristic at 230 Vin

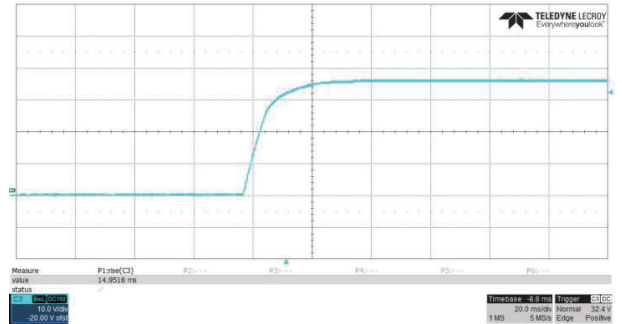


TPI 50-136A-J

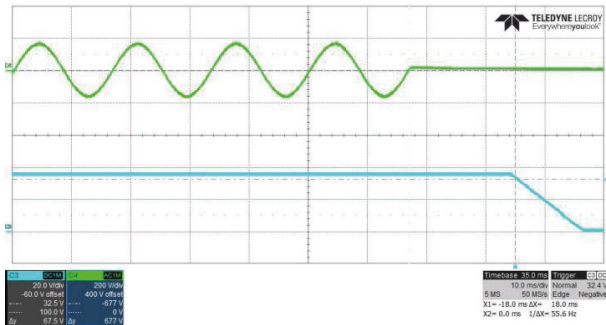
Typical Output Rise Characteristic at 115 Vin



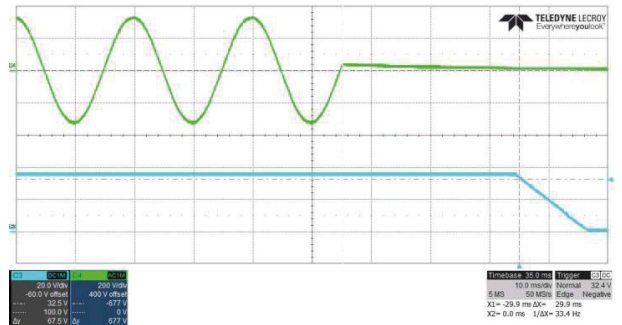
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

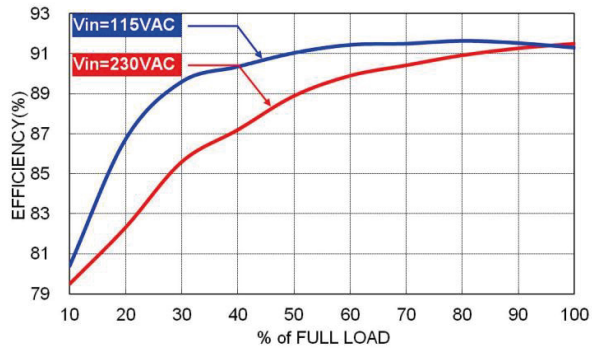


Typical Hold-Up Characteristic at 230 Vin

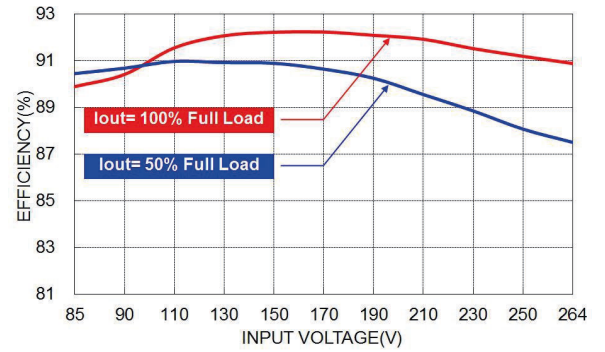


TPI 50-148A-J

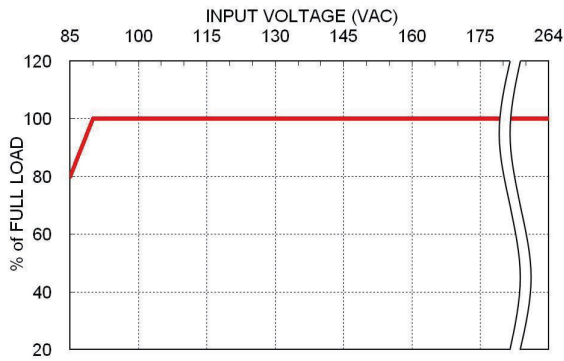
Efficiency versus Output Load



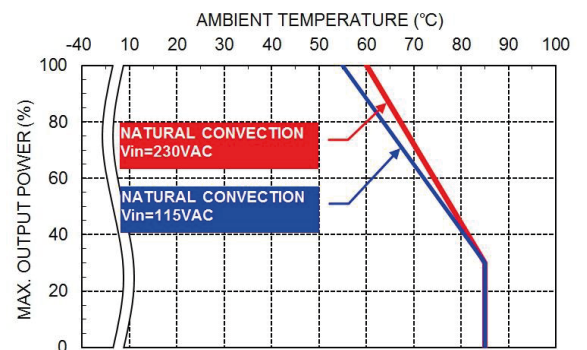
Efficiency versus Input Voltage



Derating Output vs Input Voltage

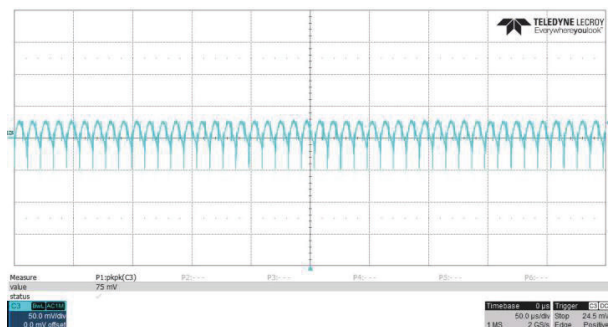


Derating Output Load versus Ambient Temperature

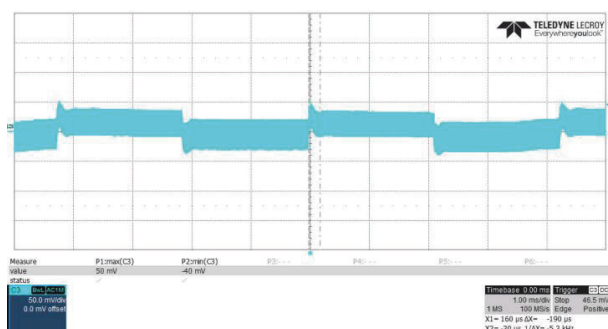


TPI 50-148A-J

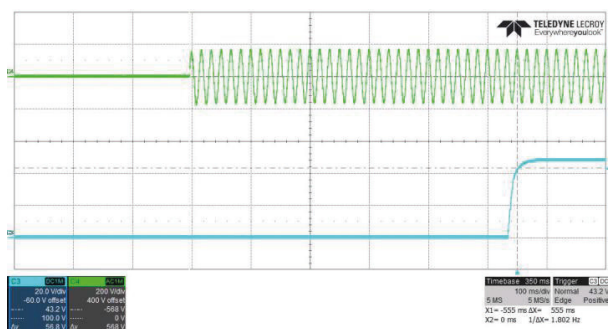
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



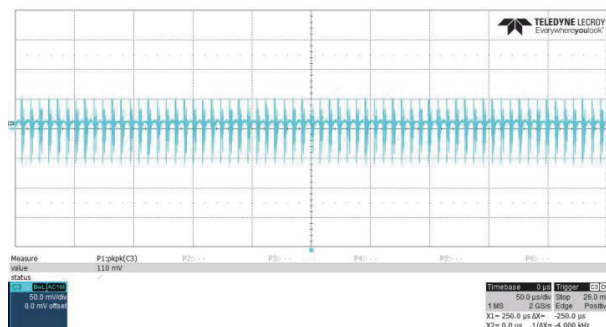
Transient Response to Dynamic Load Change (25%)
at 115 Vin



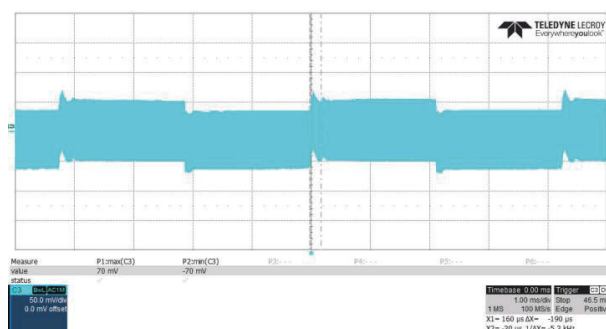
Typical Input-Start-Up Characteristic at 115 Vin



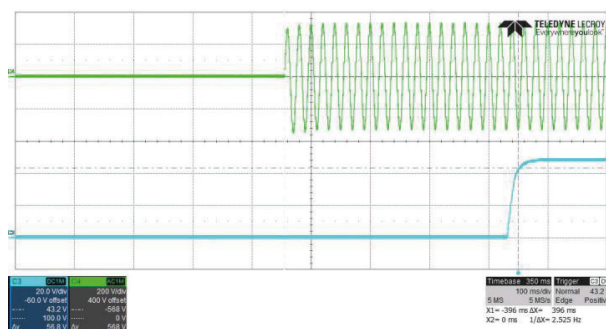
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

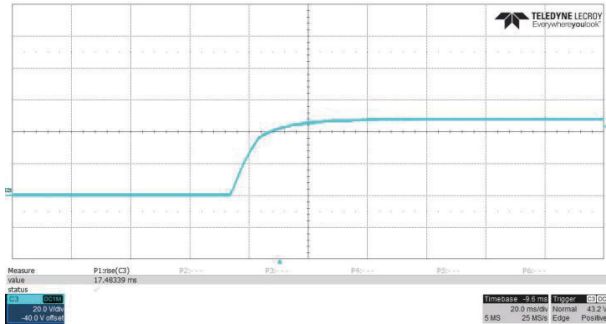


Typical Input-Start-Up Characteristic at 230 Vin

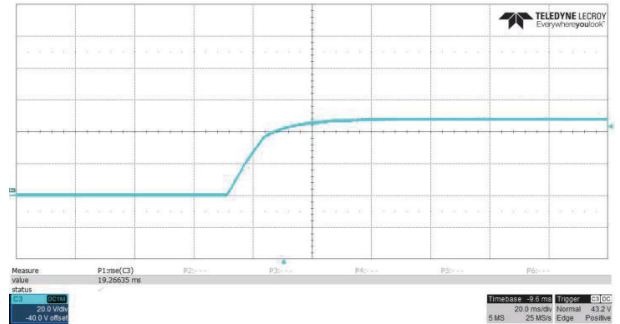


TPI 50-148A-J

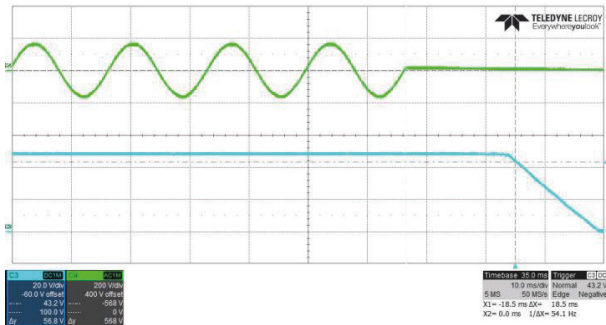
Typical Output Rise Characteristic at 115 Vin



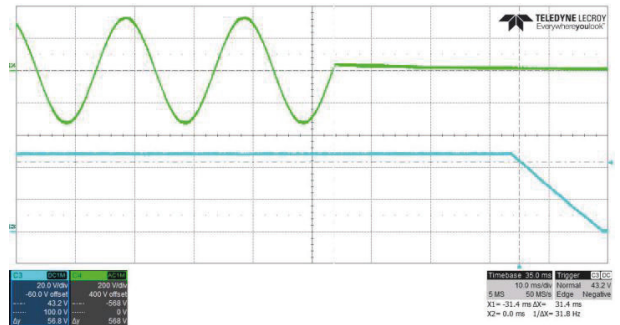
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

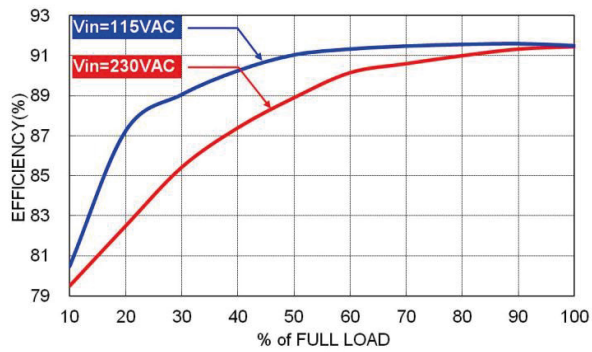


Typical Hold-Up Characteristic at 230 Vin

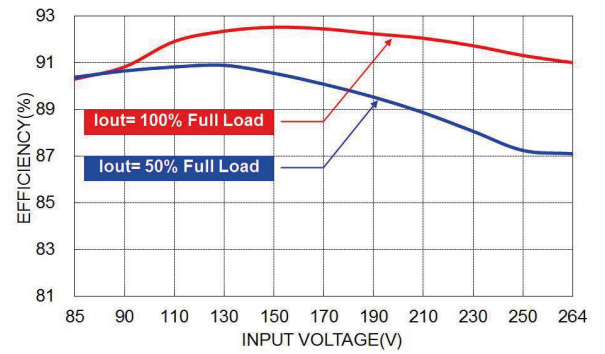


TPI 50-153A-J

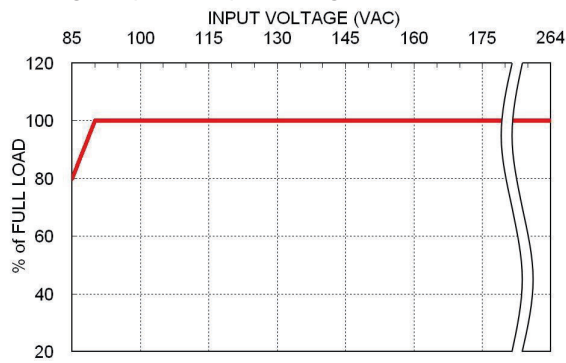
Efficiency versus Output Load



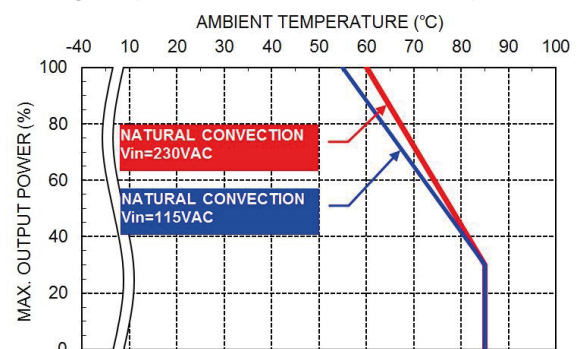
Efficiency versus Input Voltage



Derating Output vs Input Voltage

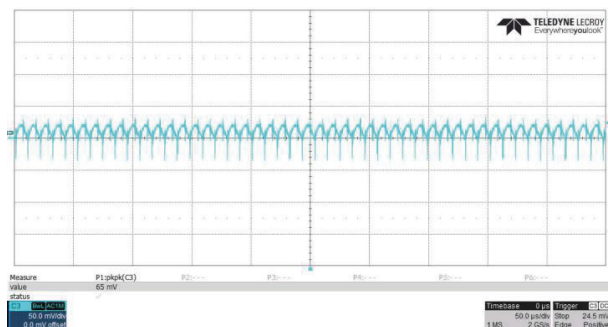


Derating Output Load versus Ambient Temperature

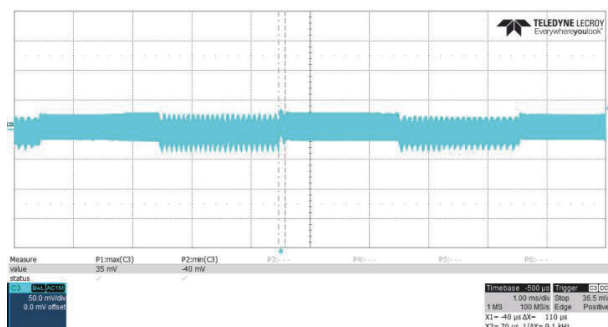


TPI 50-153A-J

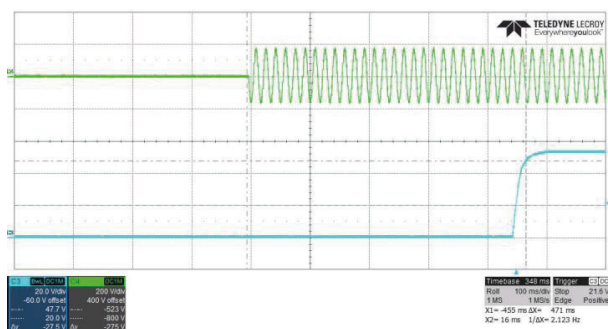
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



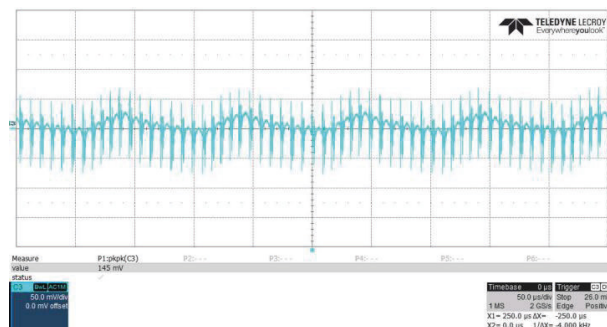
Transient Response to Dynamic Load Change (25%)
at 115 Vin



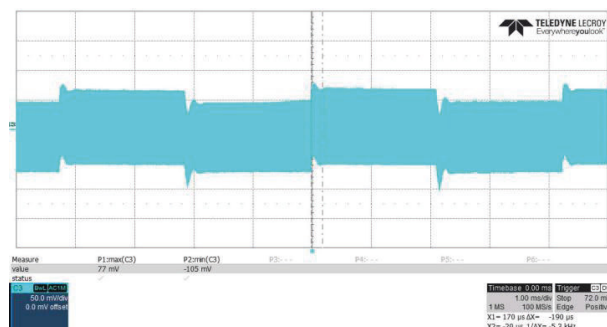
Typical Input-Start-Up Characteristic at 115 Vin



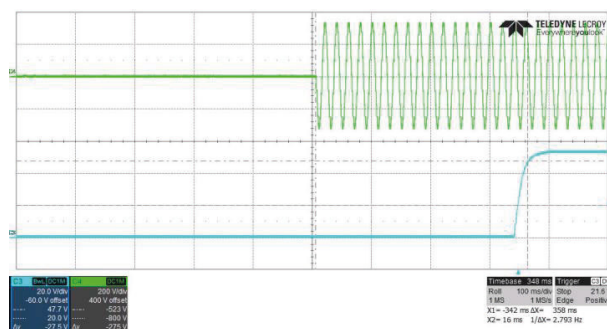
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)
at 230 Vin

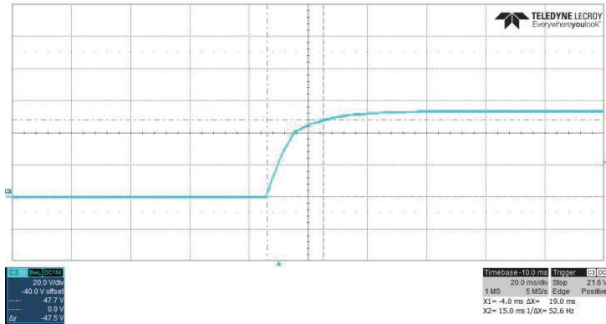


Typical Input-Start-Up Characteristic at 230 Vin

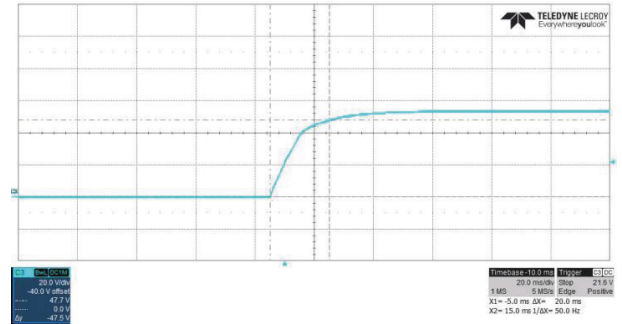


TPI 50-153A-J

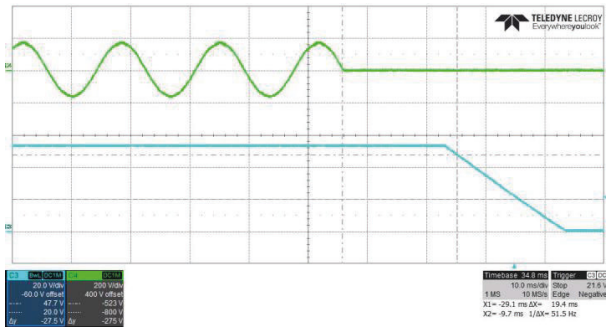
Typical Output Rise Characteristic at 115 Vin



Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



Typical Hold-Up Characteristic at 230 Vin

