Characteristic Curves
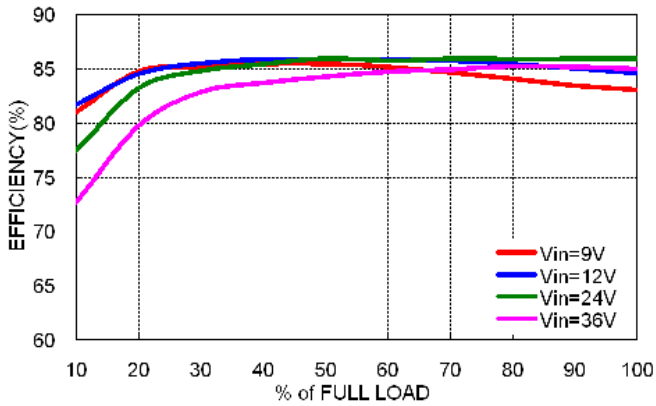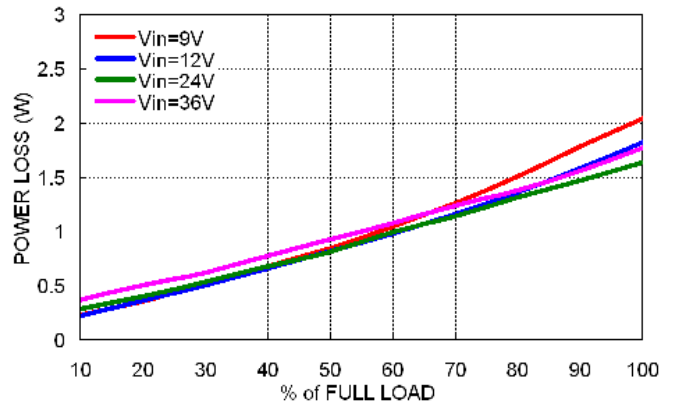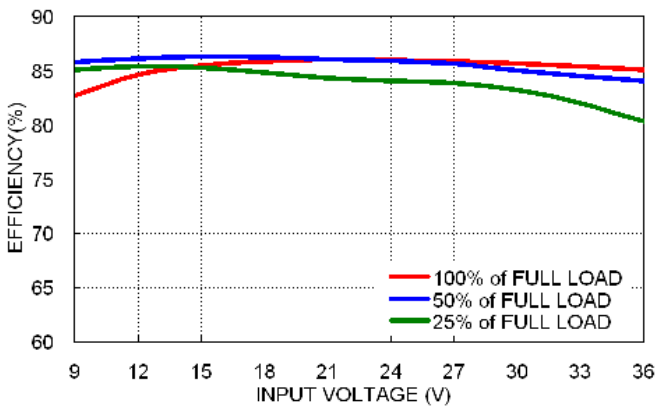
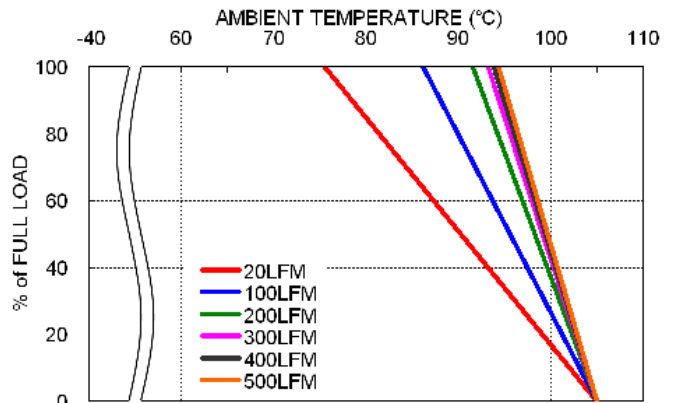All test conditions are at 25℃.The figures are identical for MPP10-24D05W

Efficiency versus Output Load

Power Dissipation versus Output Load
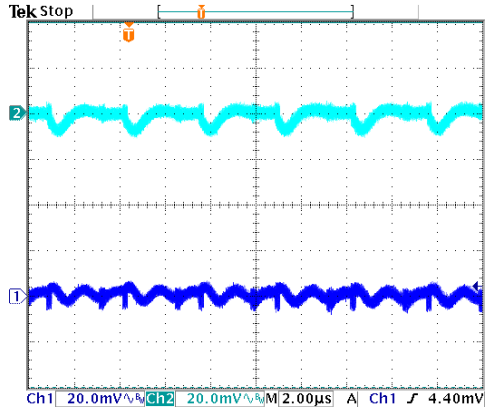
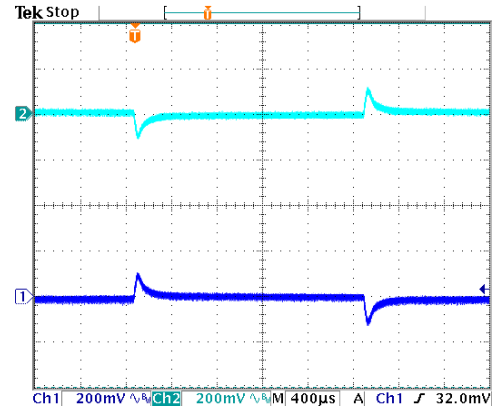Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
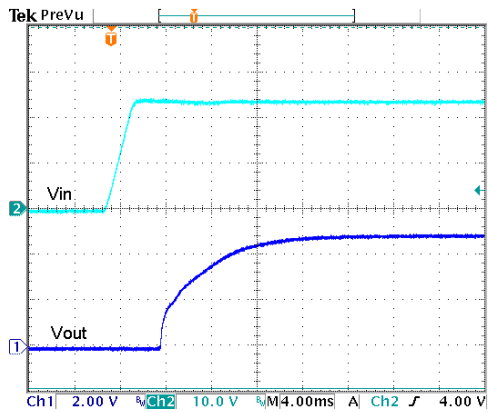Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24D05W
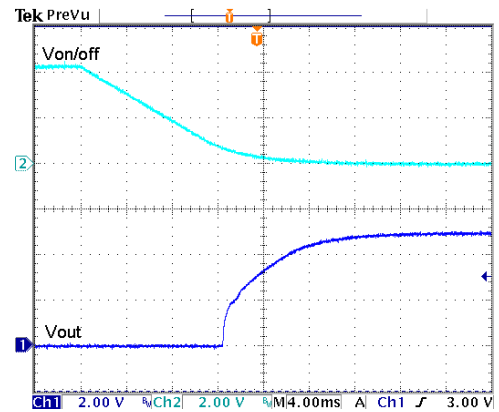
Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
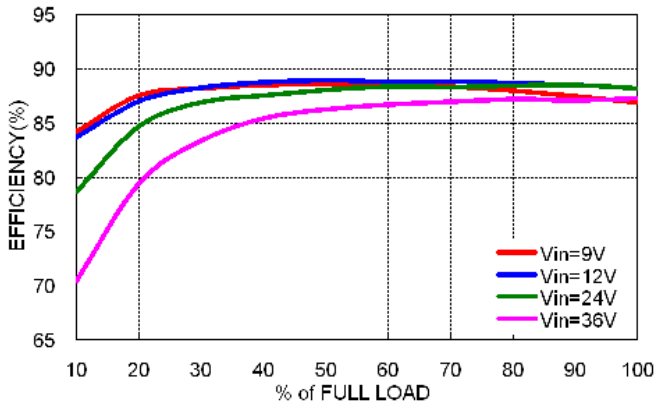100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
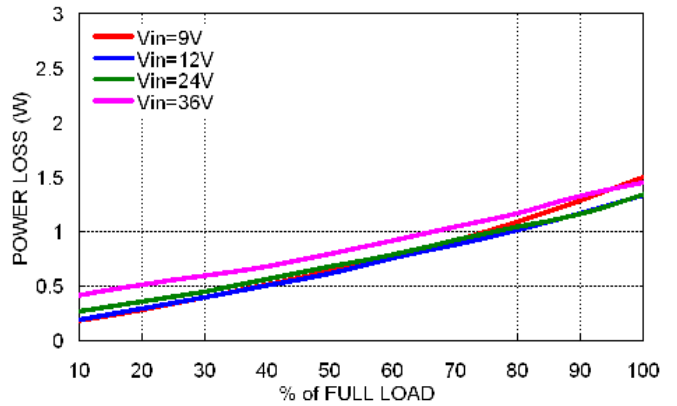Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
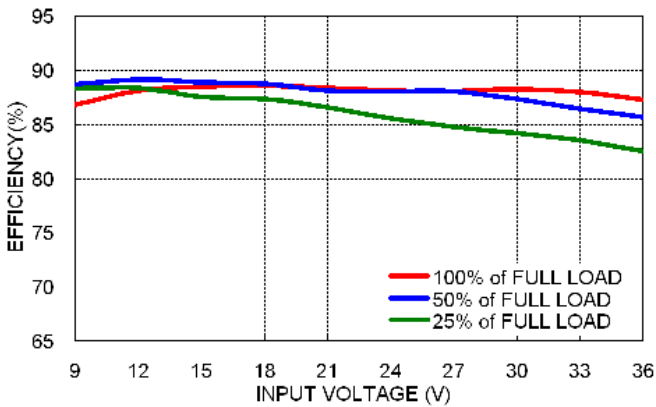Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24D12W
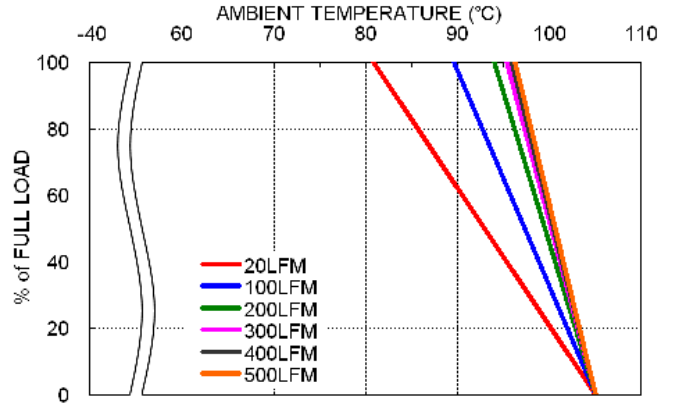

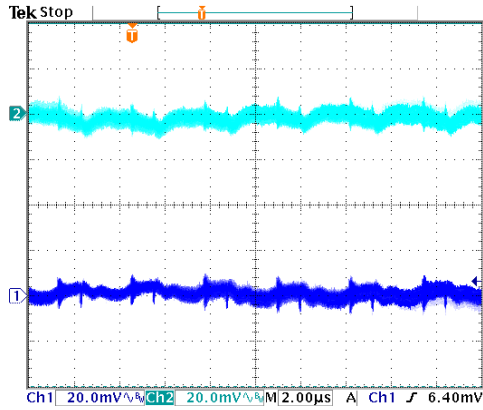Efficiency versus Output Load

Power Dissipation versus Output Load

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24D12W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24D15W

Efficiency versus Output Load

Power Dissipation versus Output Load
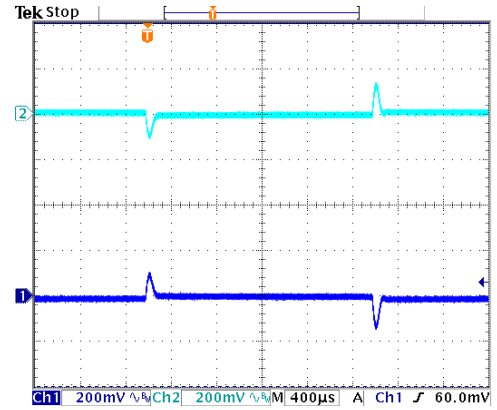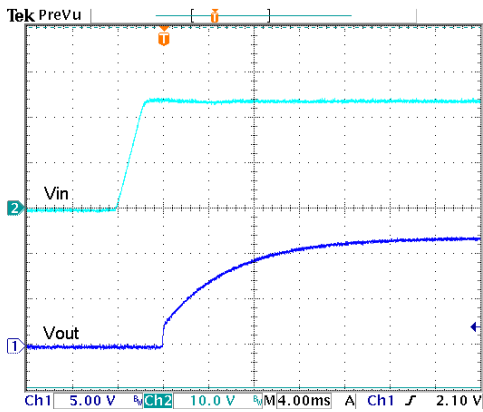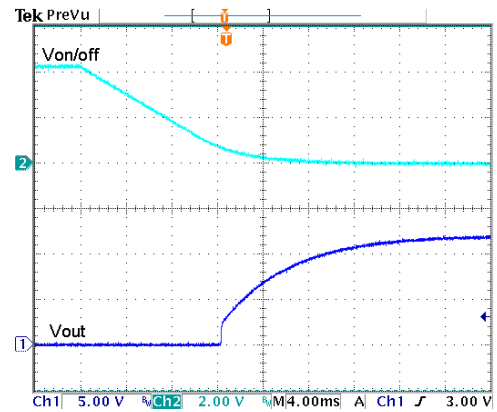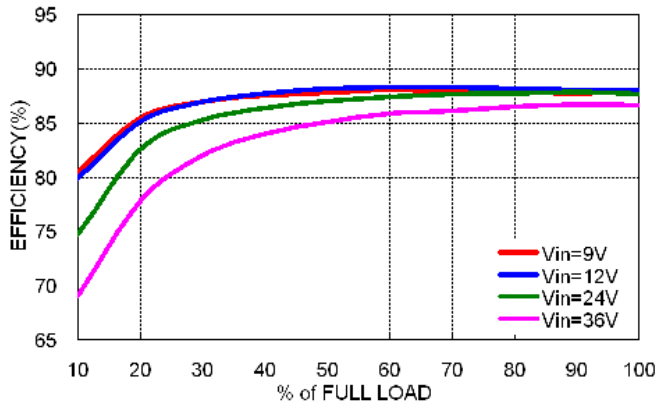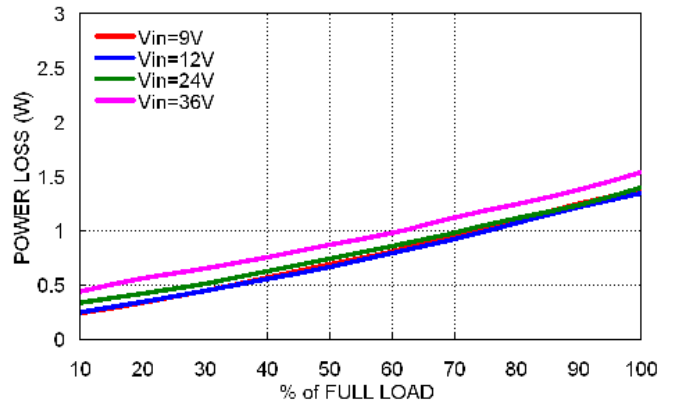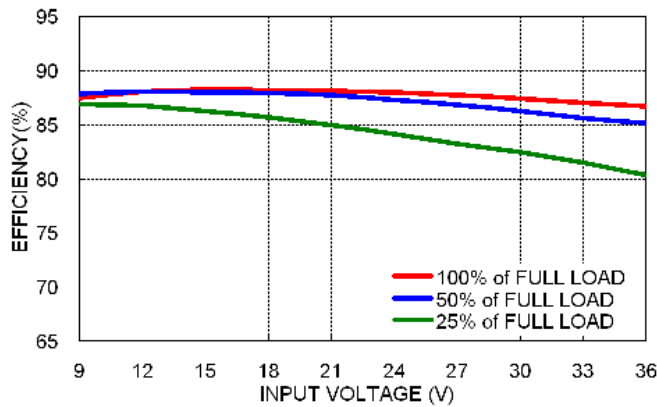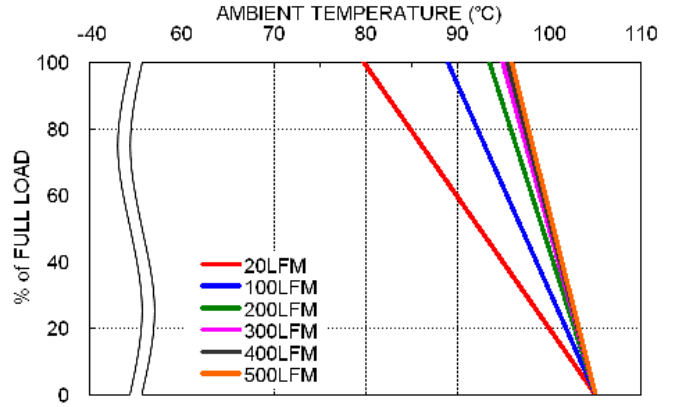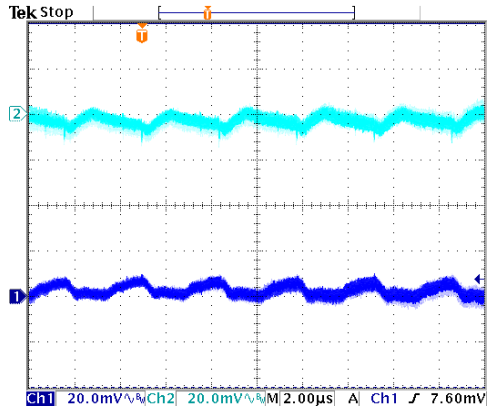

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24D15W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D05W

Efficiency versus Output Load

Power Dissipation versus Output Load
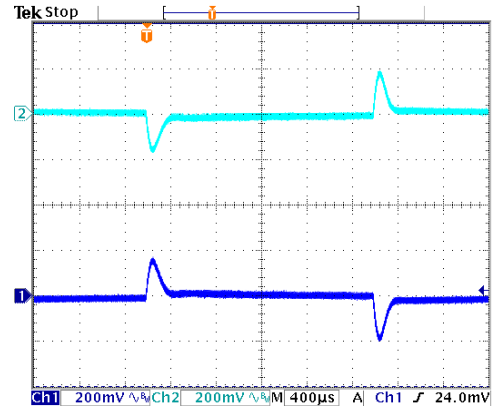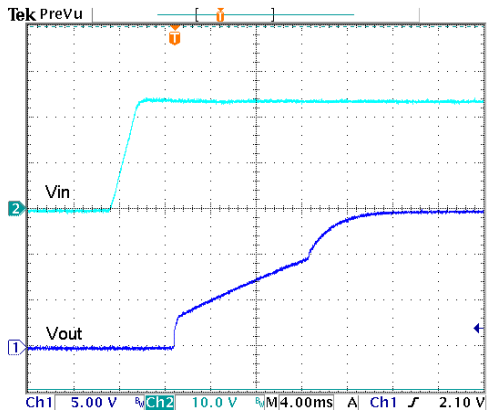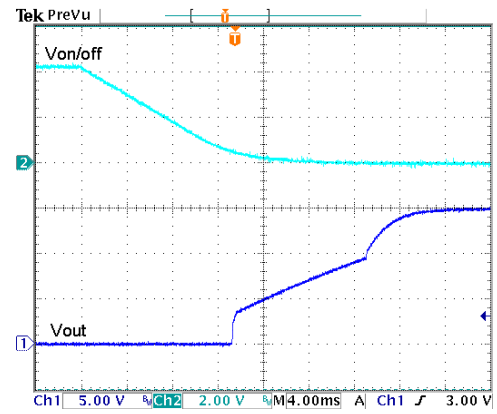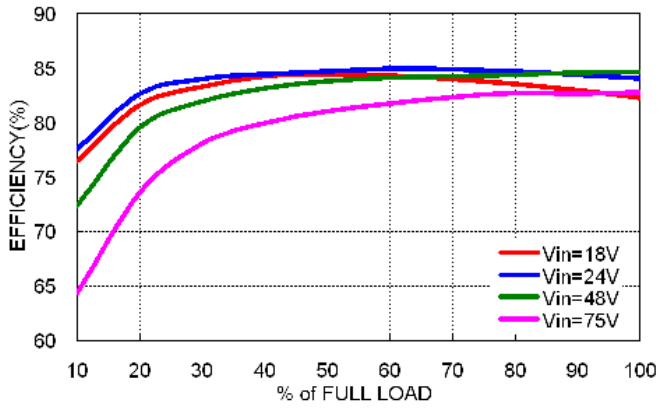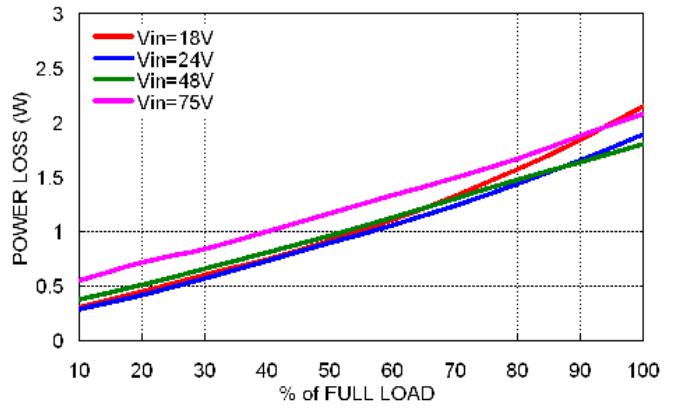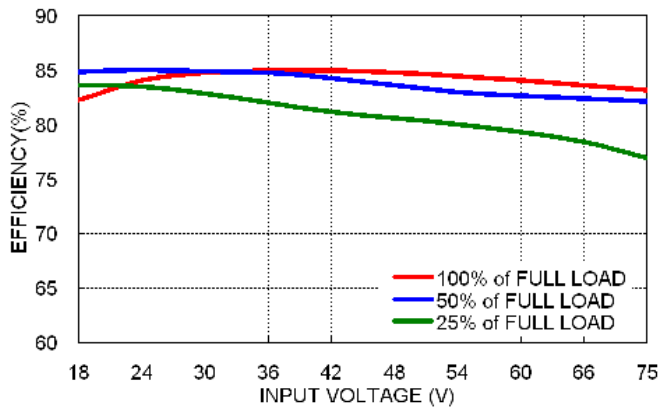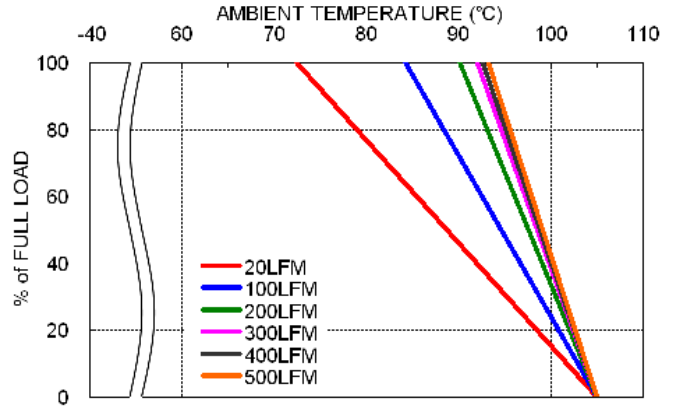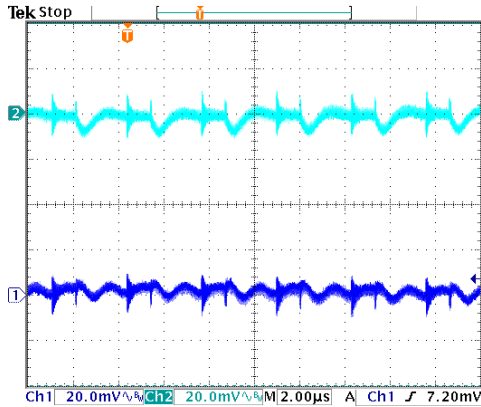
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D05W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D12W

Efficiency versus Output Load

Power Dissipation versus Output Load
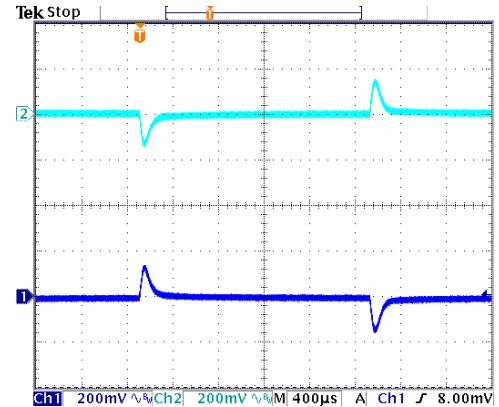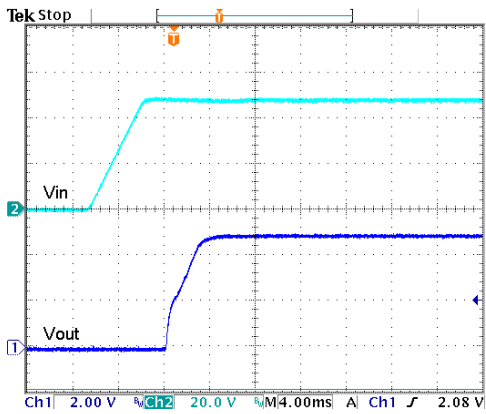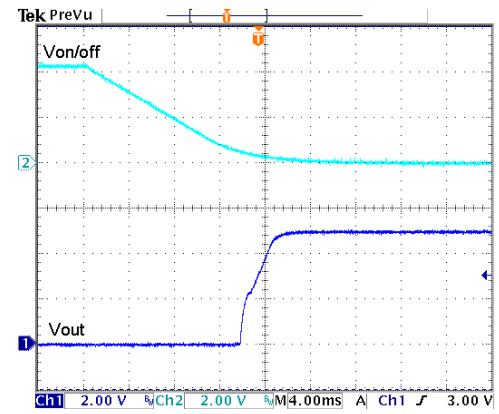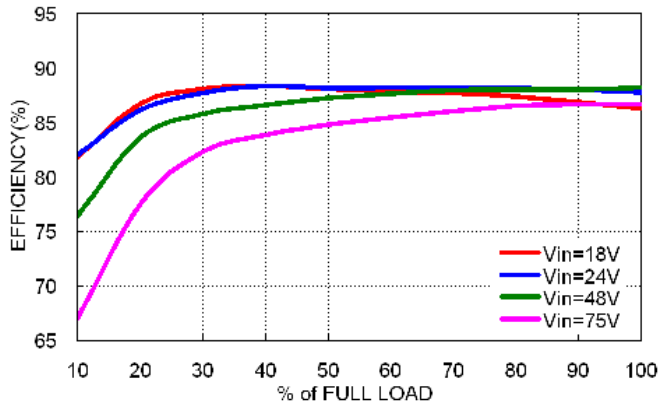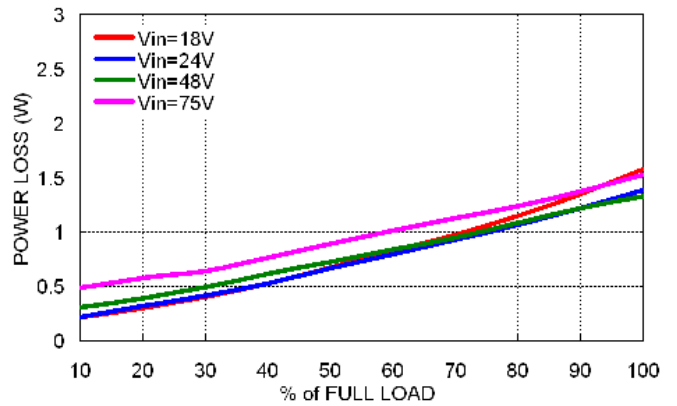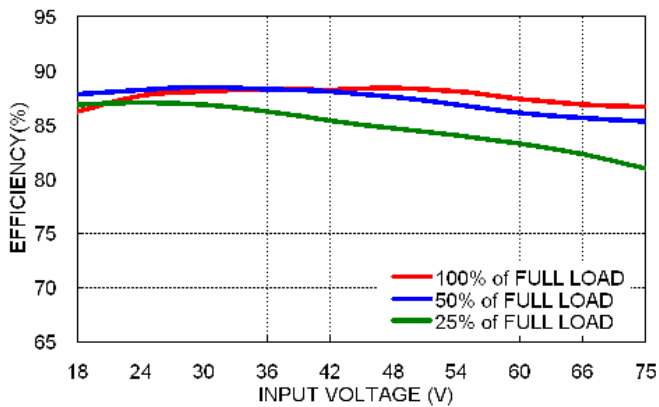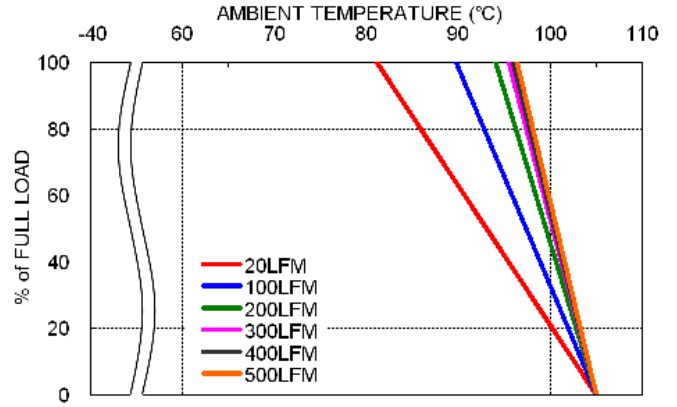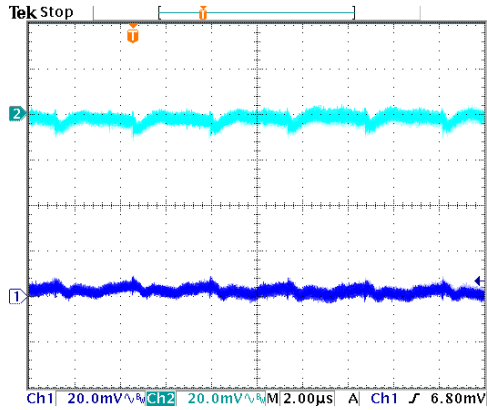
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D12W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D15W

Efficiency versus Output Load

Power Dissipation versus Output Load
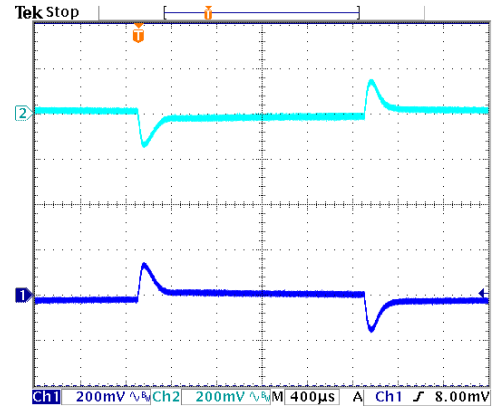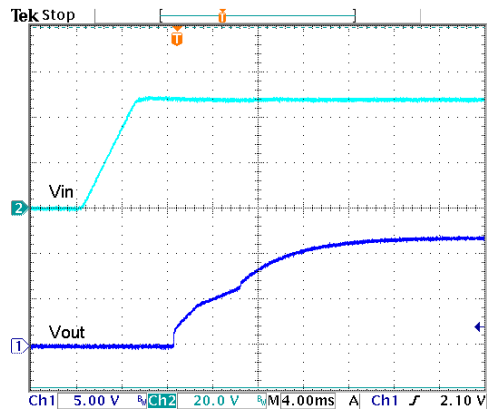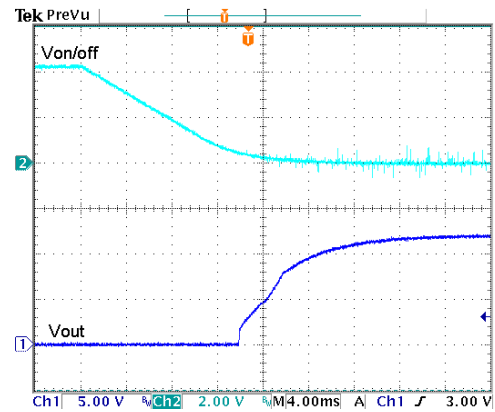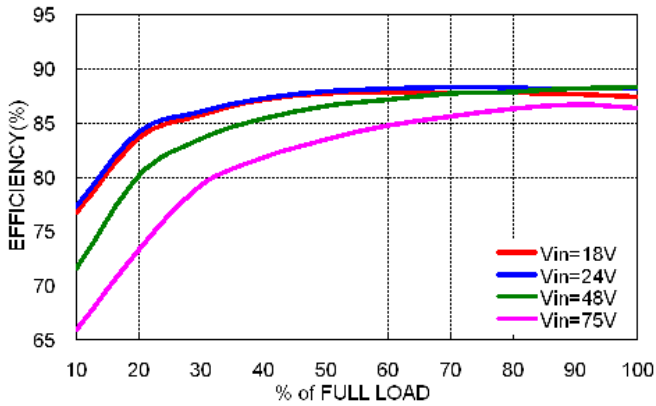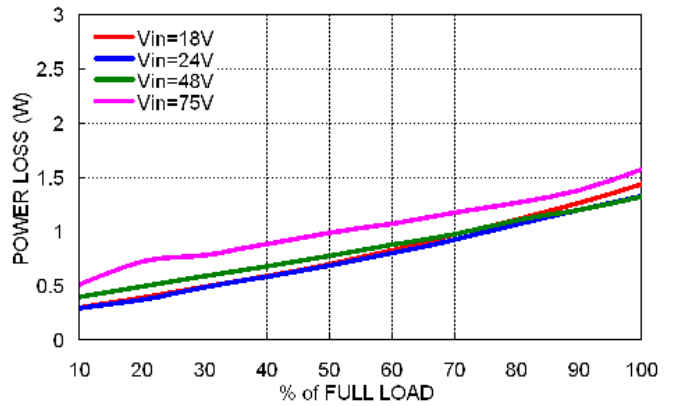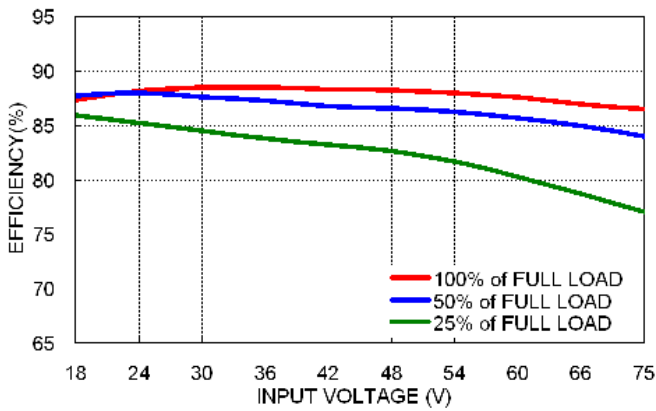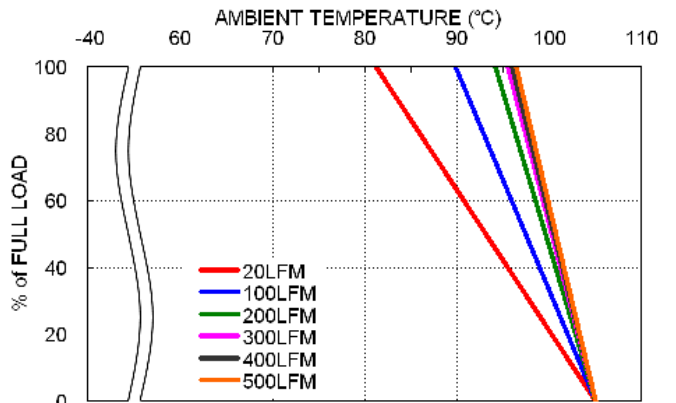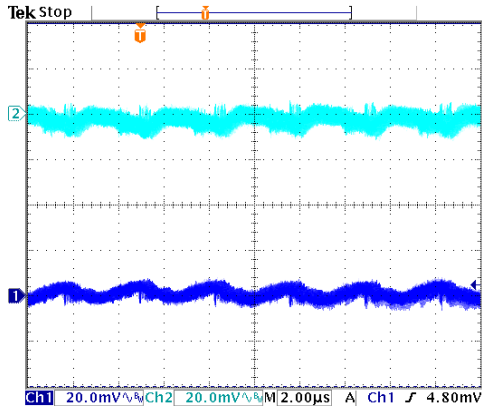
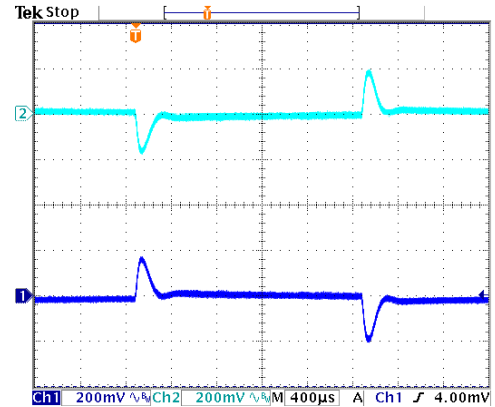Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
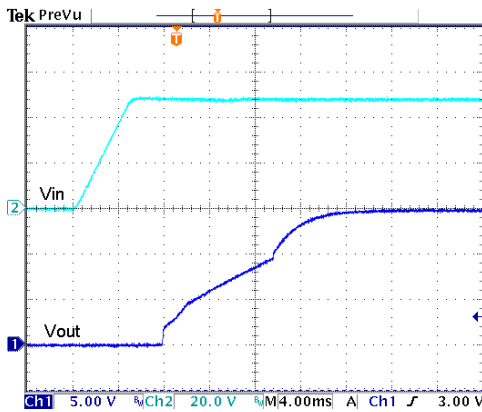Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48D15W
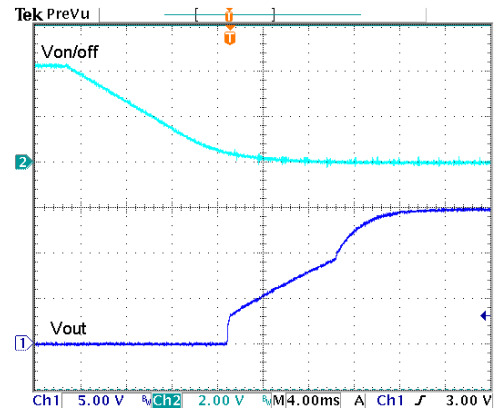

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
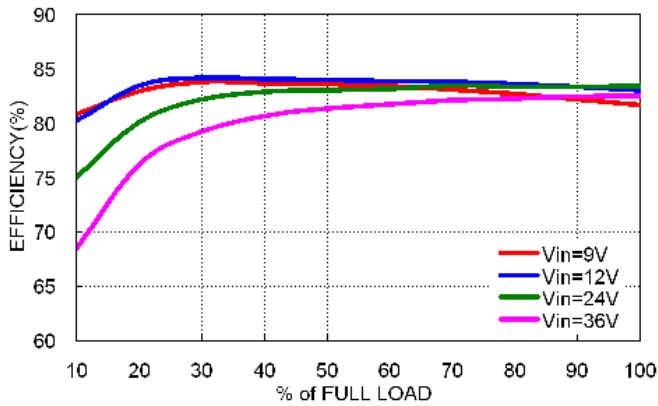100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
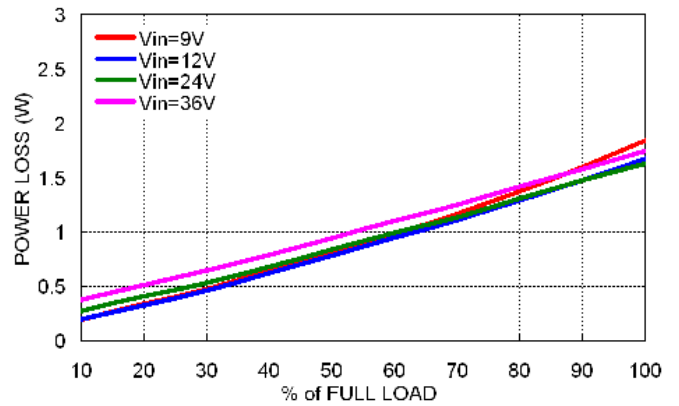Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
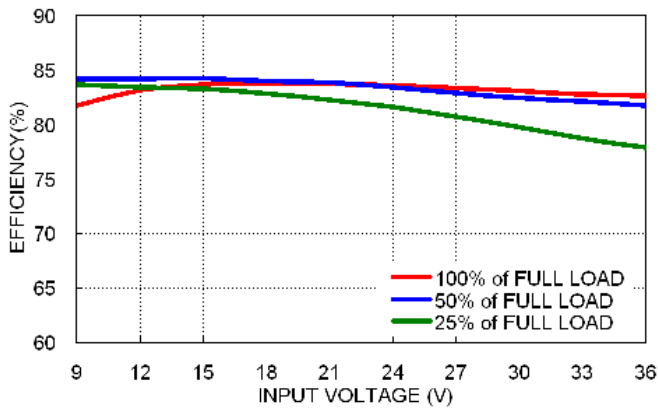Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S3P3W
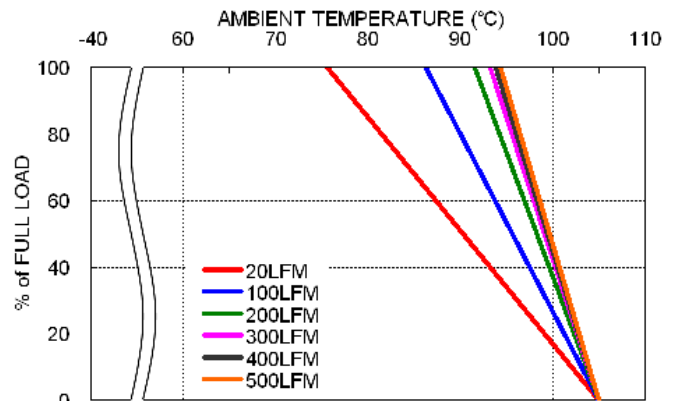

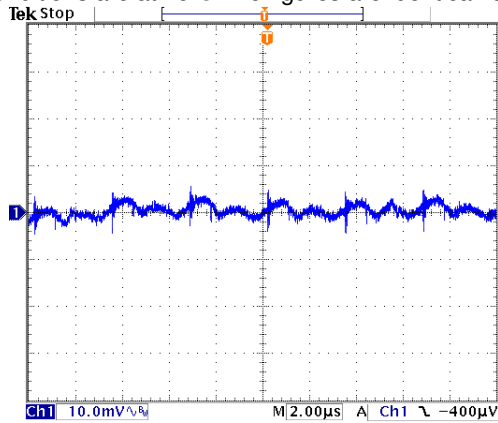Efficiency versus Output Load

Power Dissipation versus Output Load

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S3P3W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S05W

Efficiency versus Output Load

Power Dissipation versus Output Load
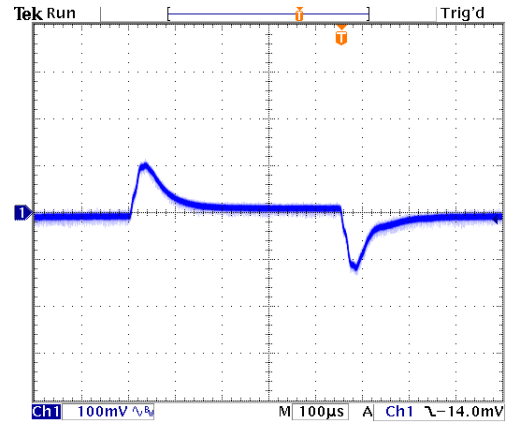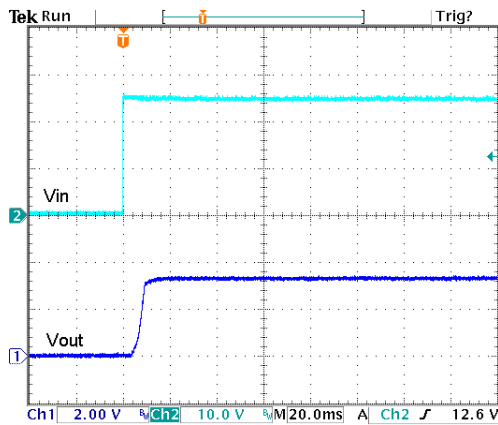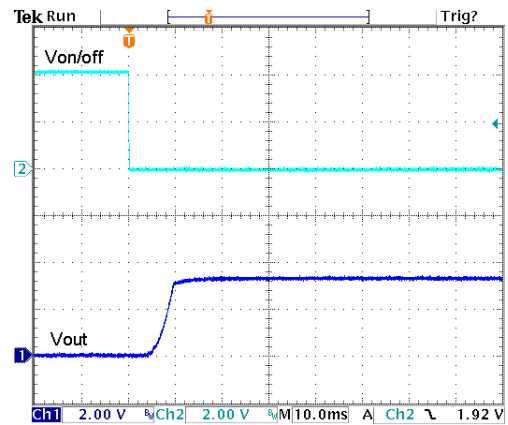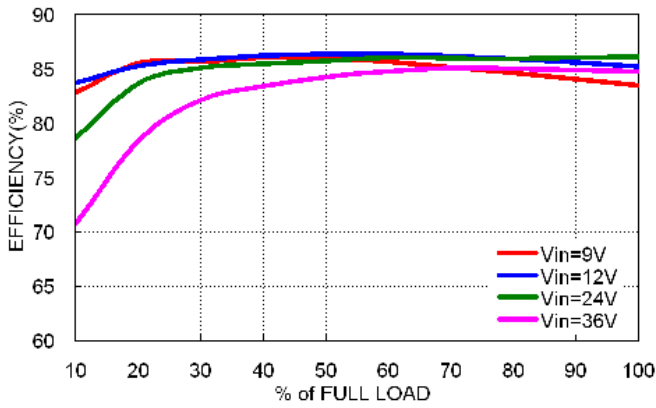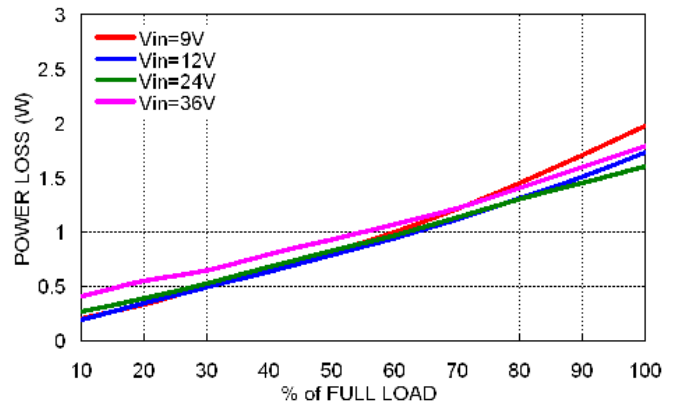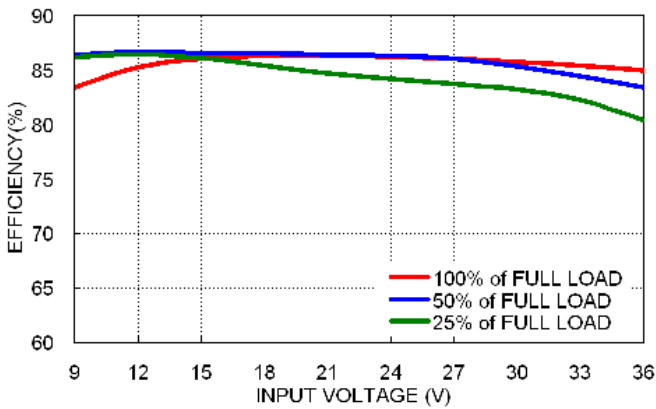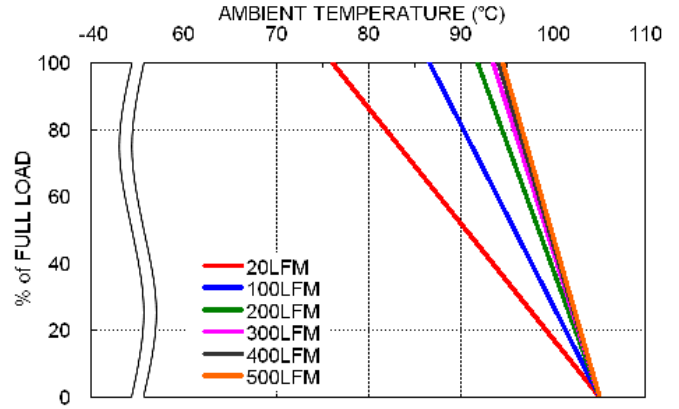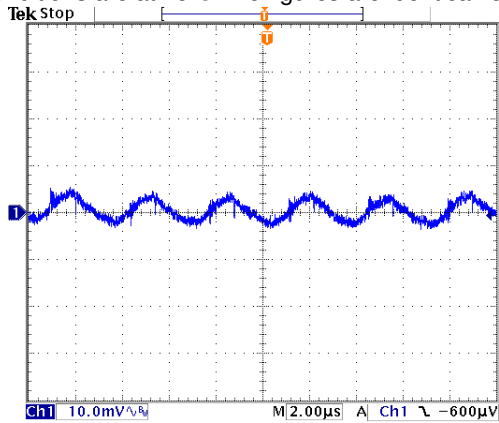
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S05W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S12W

Efficiency versus Output Load

Power Dissipation versus Output Load
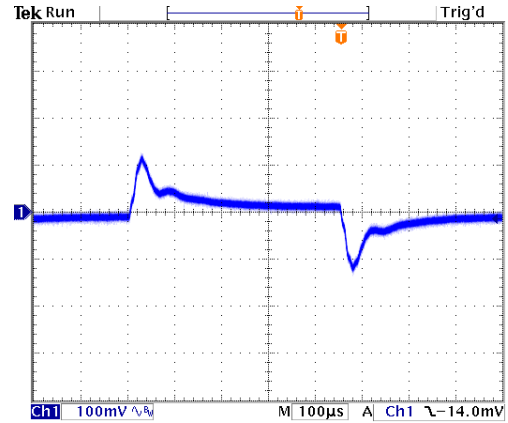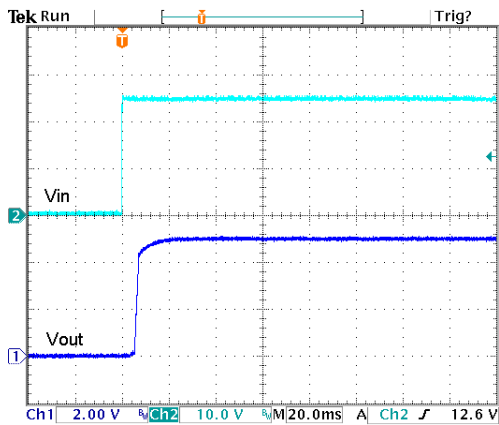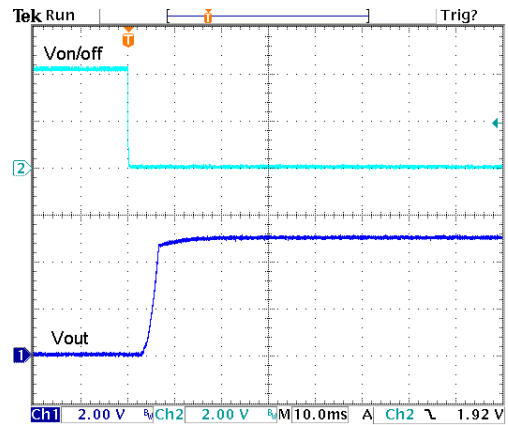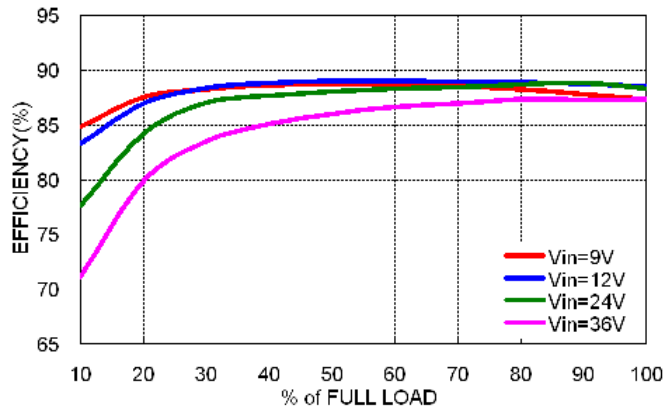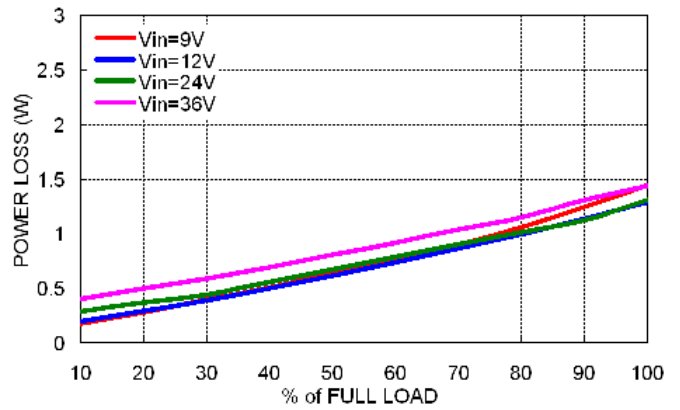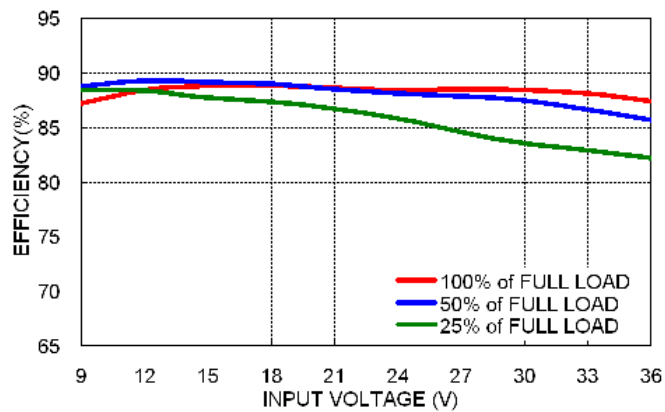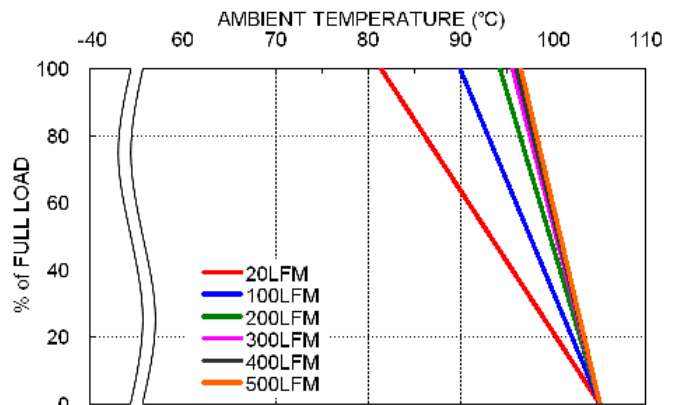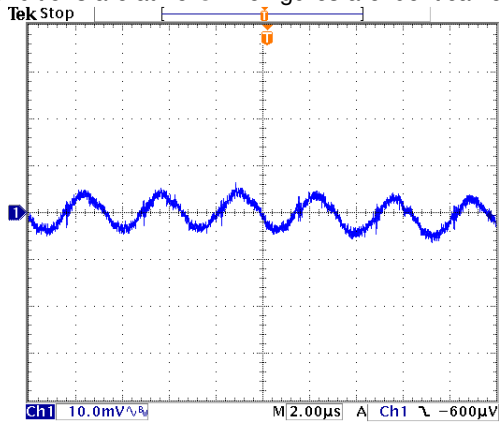
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S12W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S15W

Efficiency versus Output Load

Power Dissipation versus Output Load
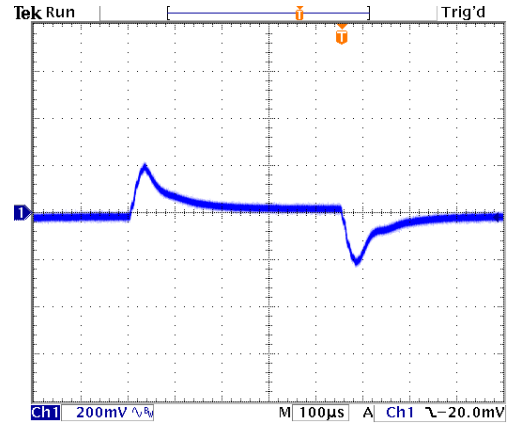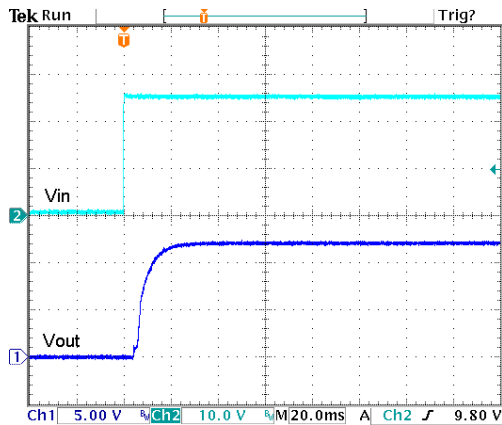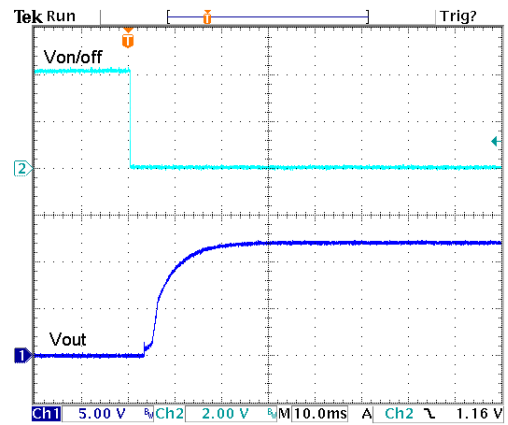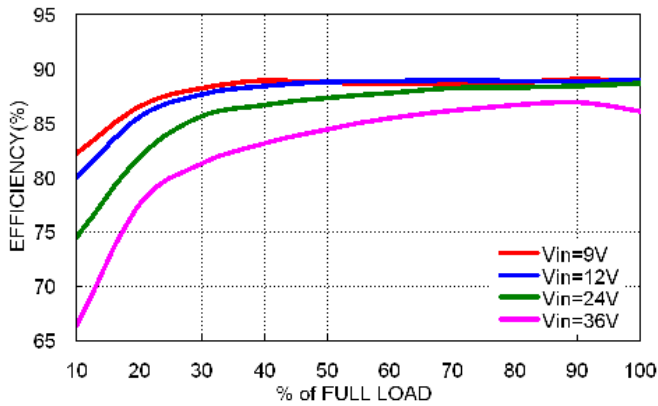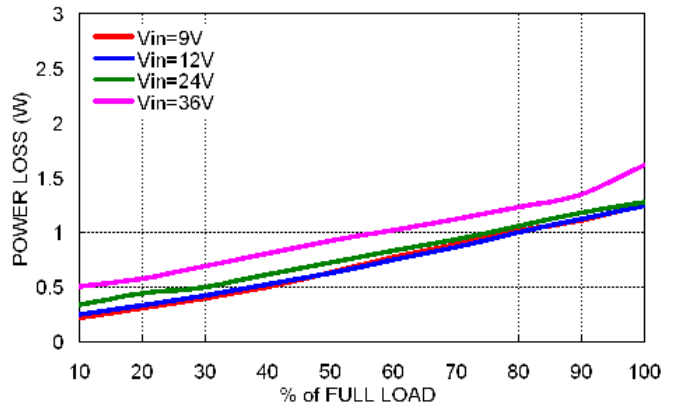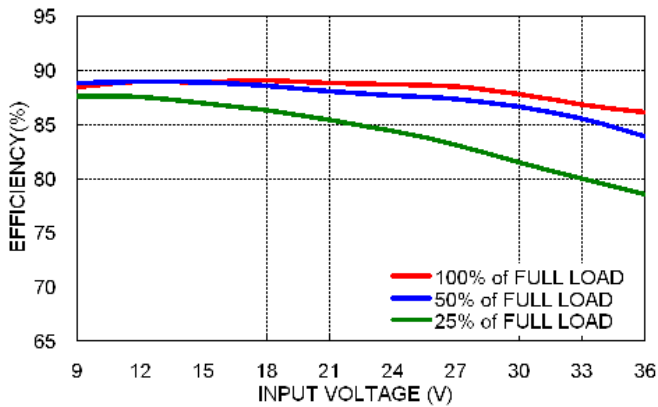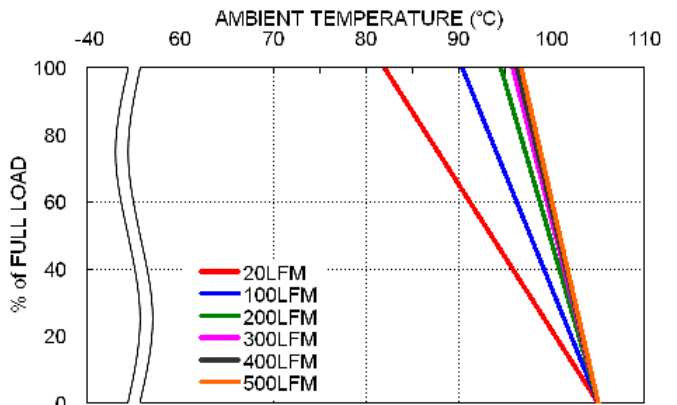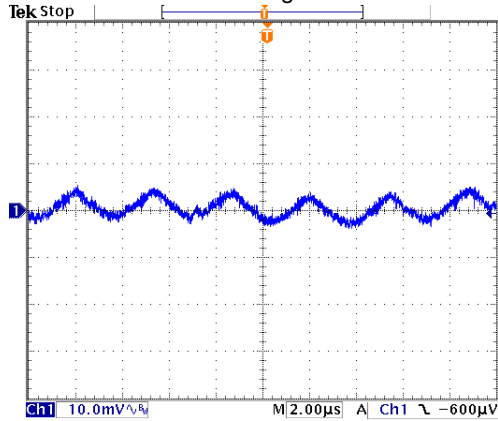
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S15W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S24W

Efficiency versus Output Load

Power Dissipation versus Output Load
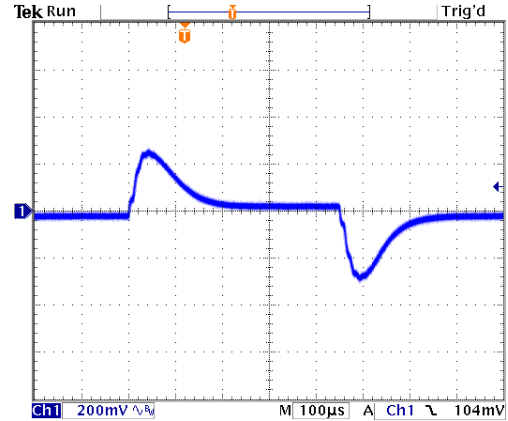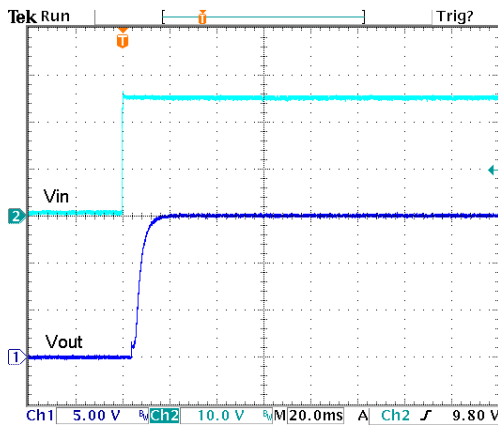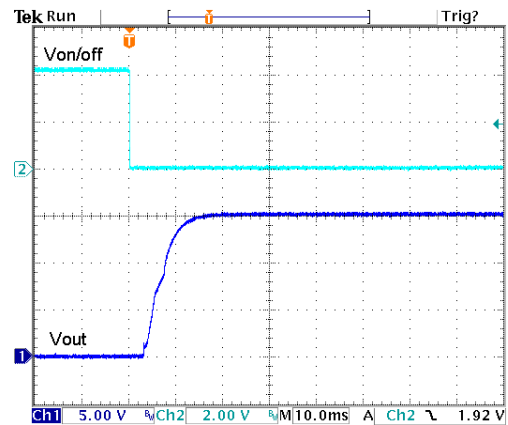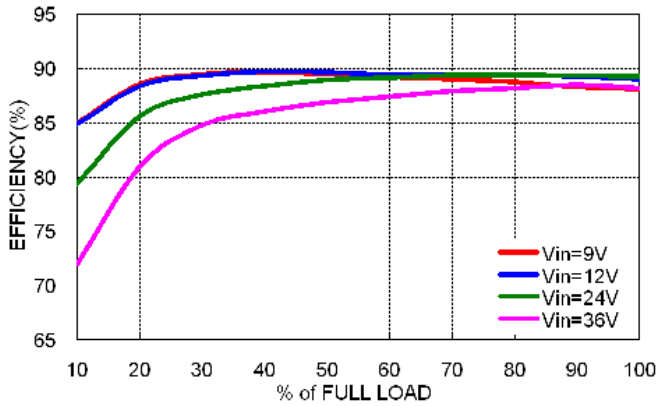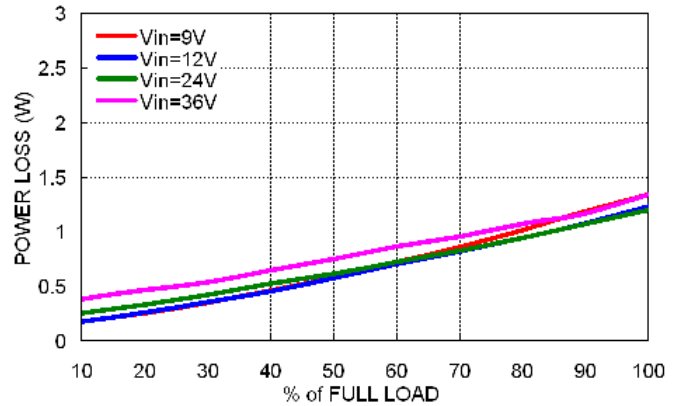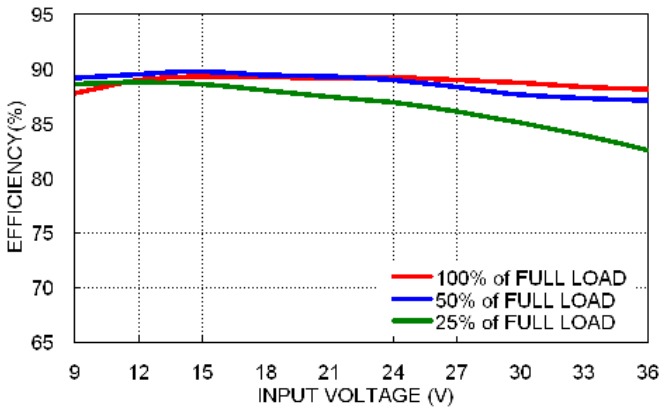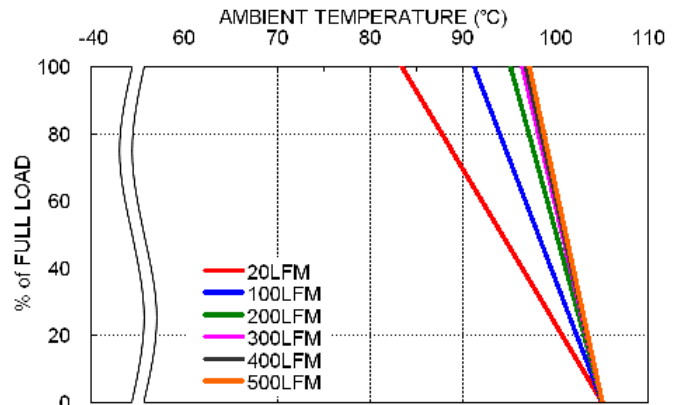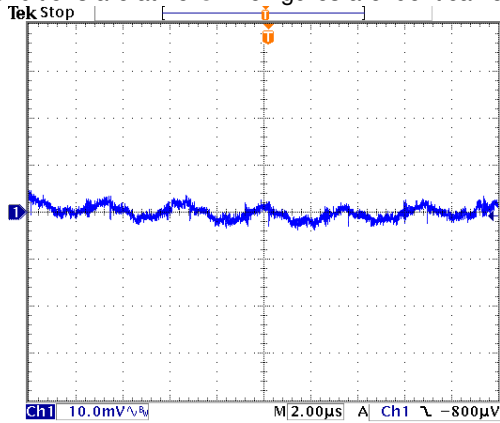
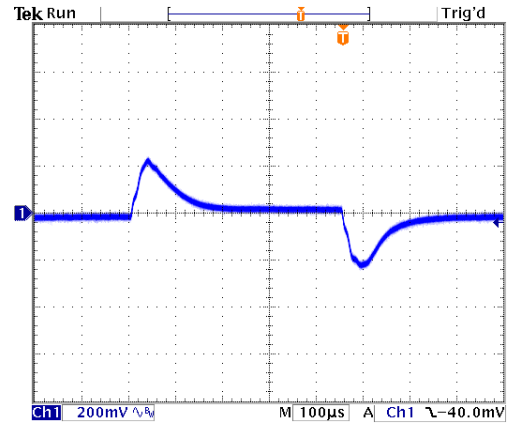Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
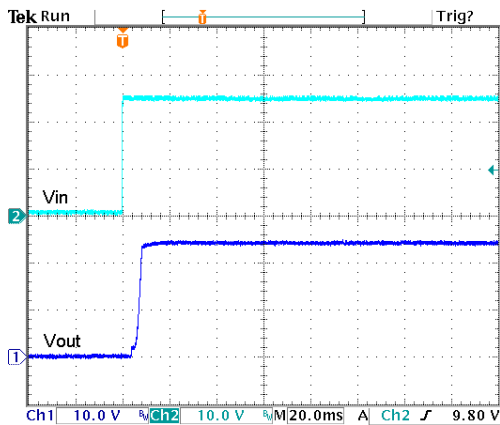Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-24S24W
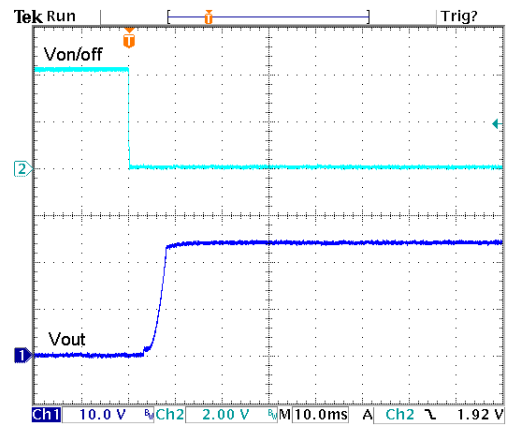

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
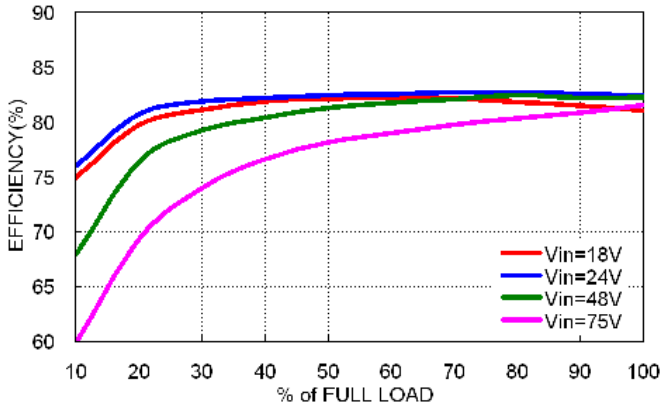100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
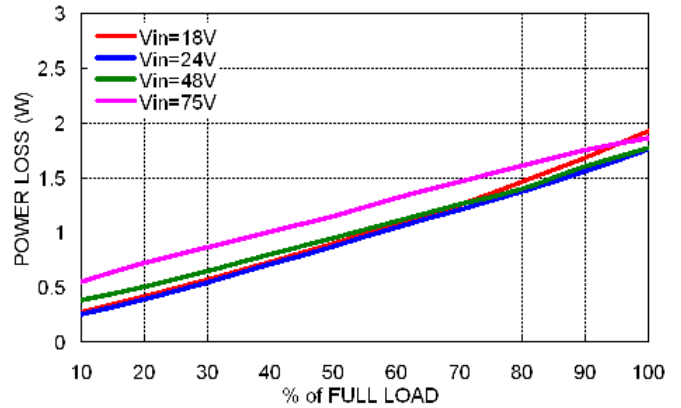Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
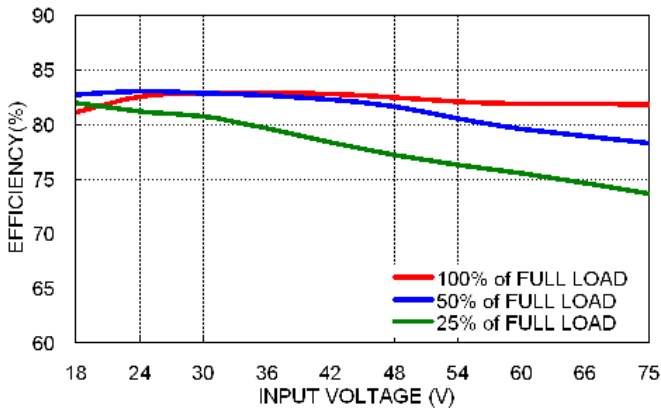Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S3P3W
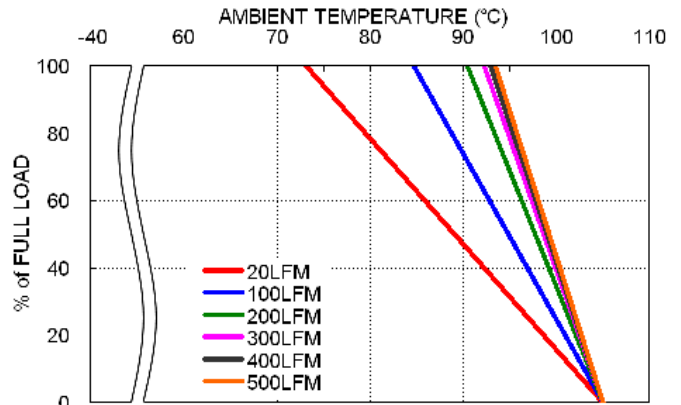
Efficiency versus Output Load
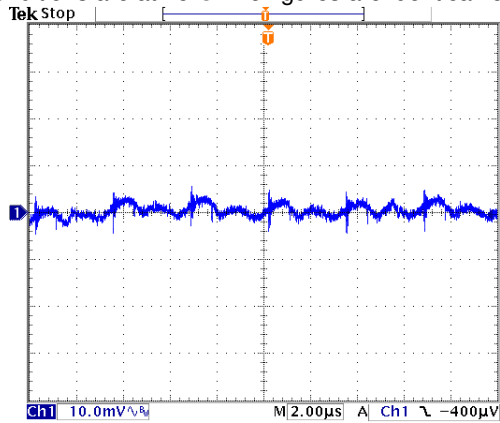
Power Dissipation versus Output Load

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S3P3W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S05W

Efficiency versus Output Load

Power Dissipation versus Output Load
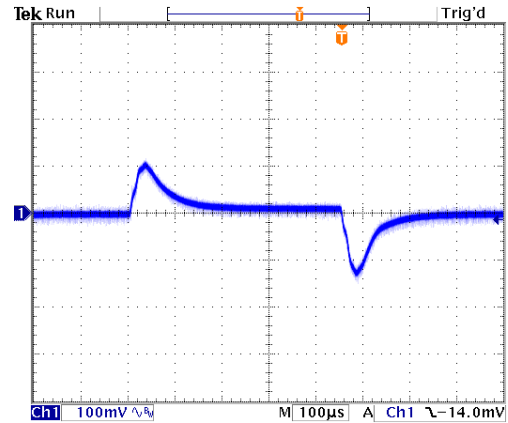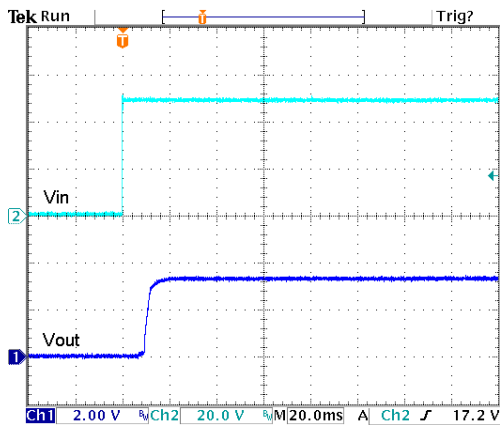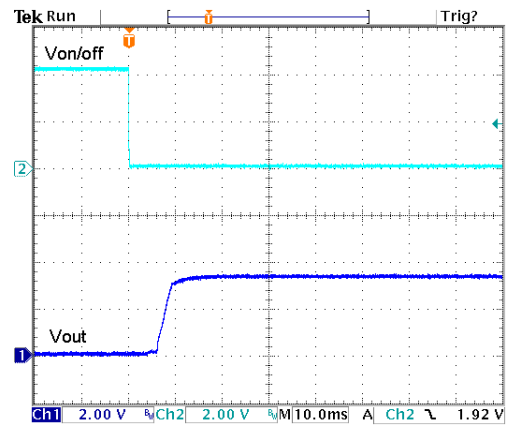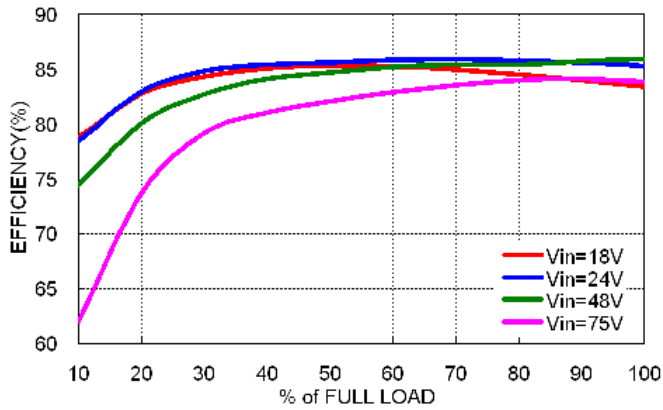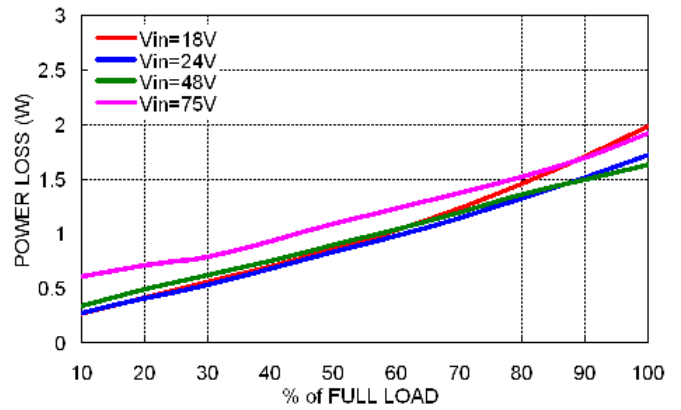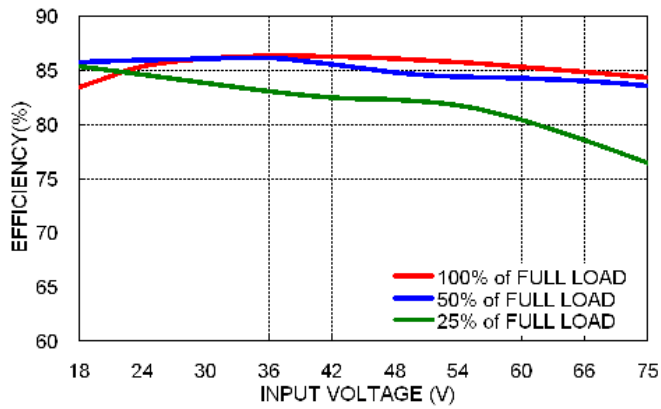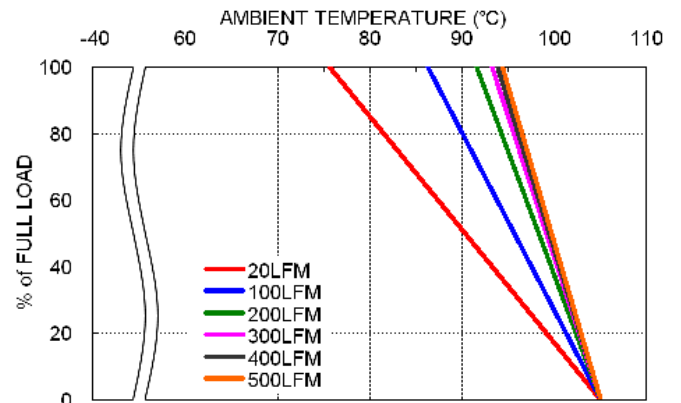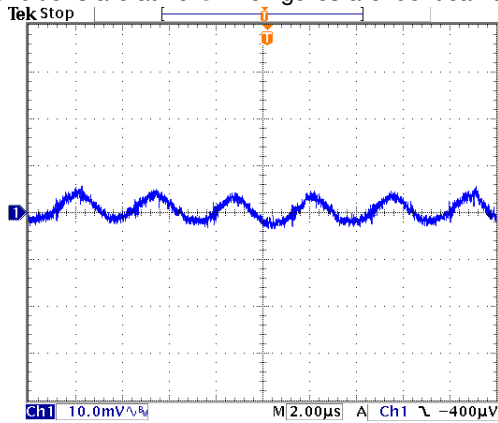

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S05W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S12W

Efficiency versus Output Load

Power Dissipation versus Output Load
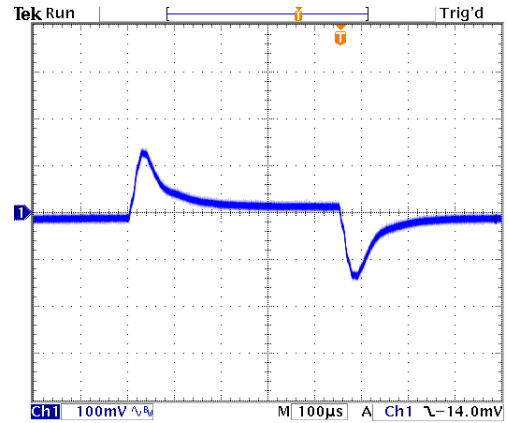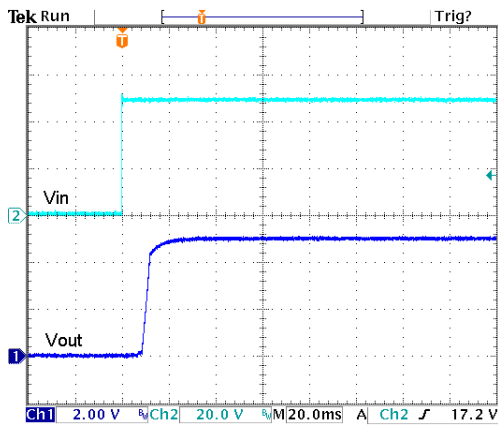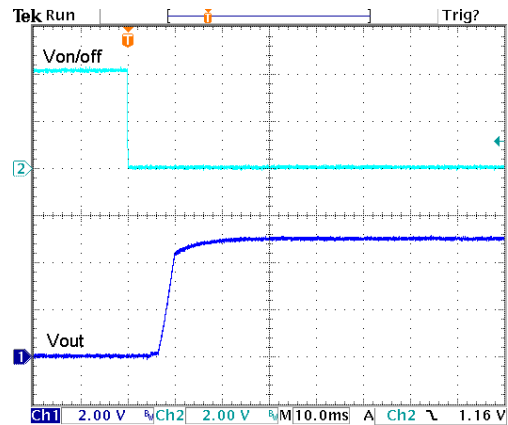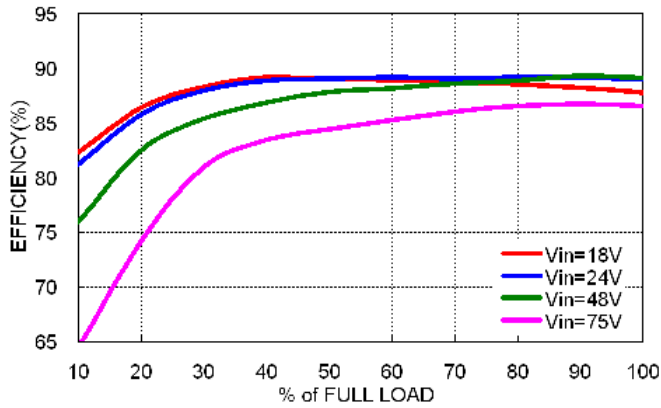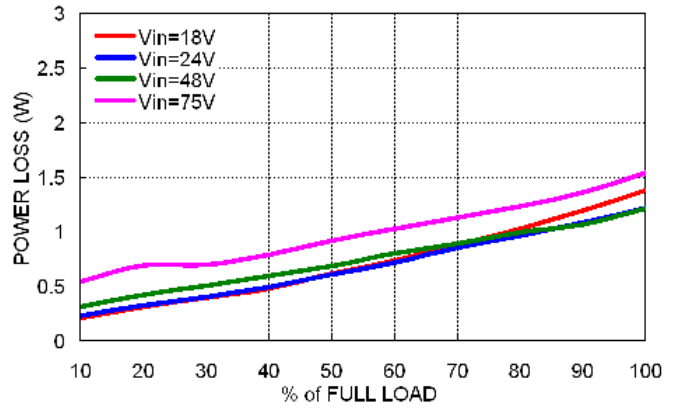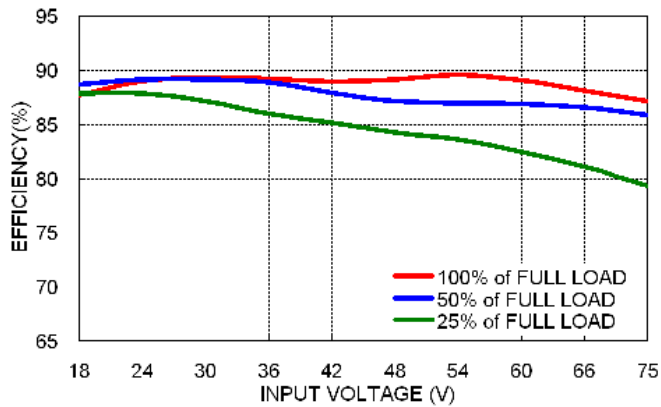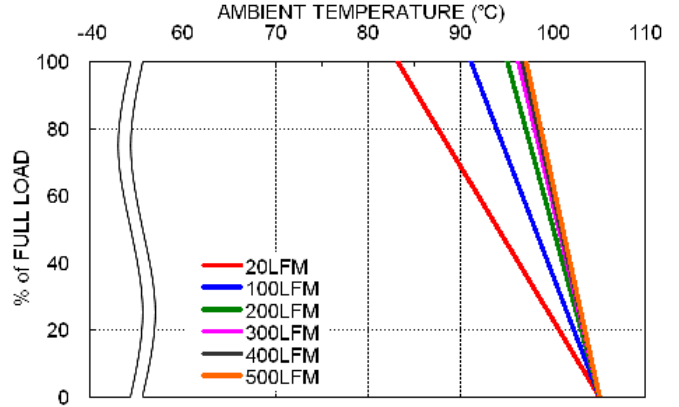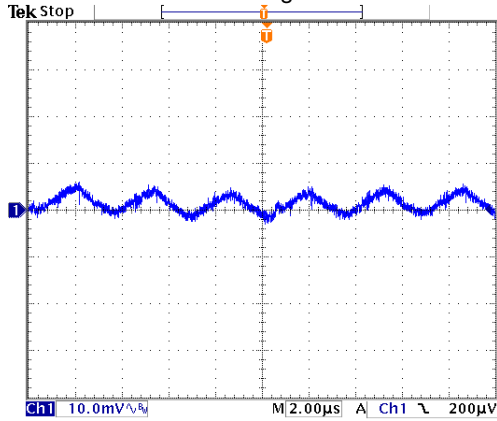

Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S12W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S15W

Efficiency versus Output Load

Power Dissipation versus Output Load
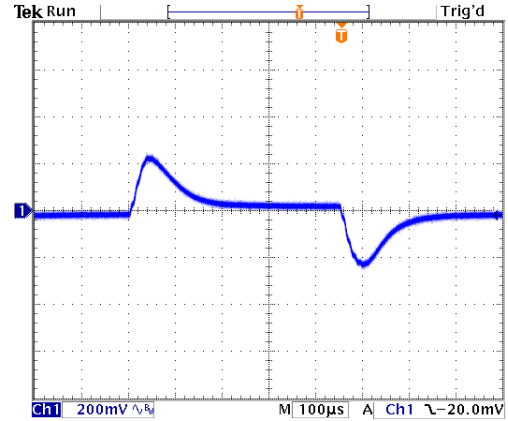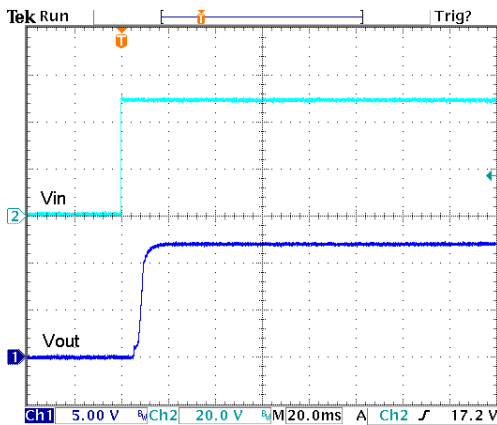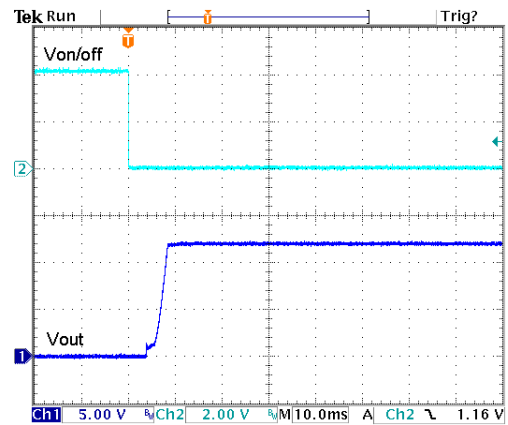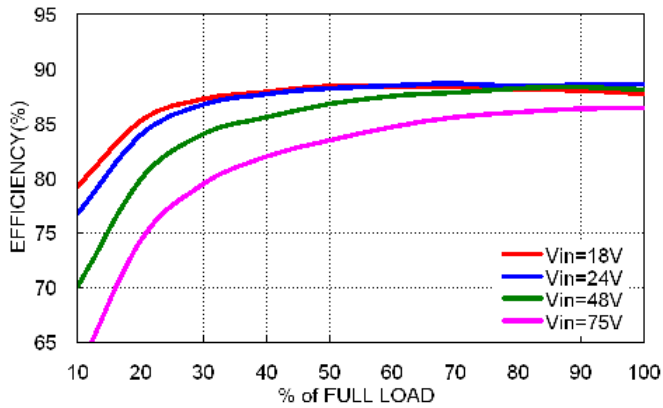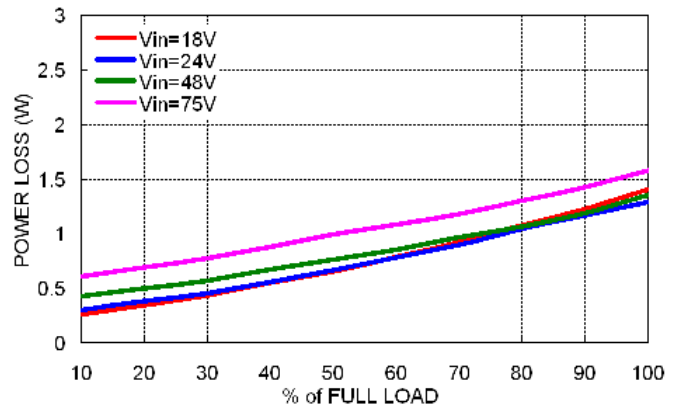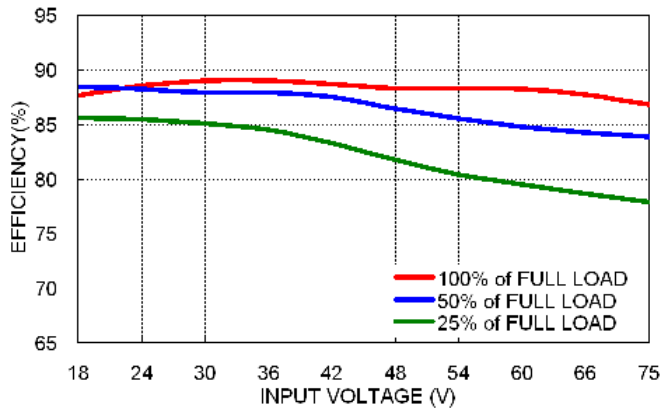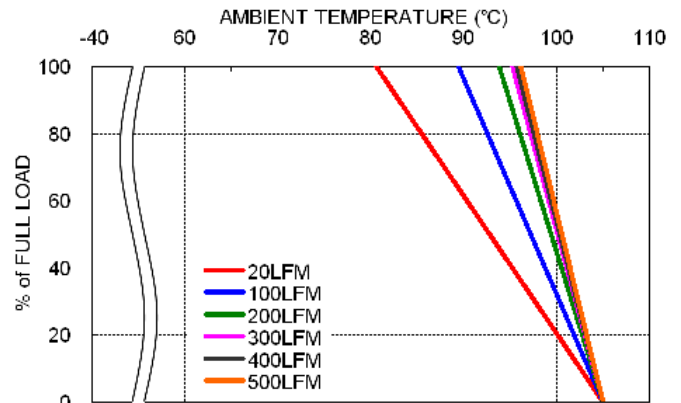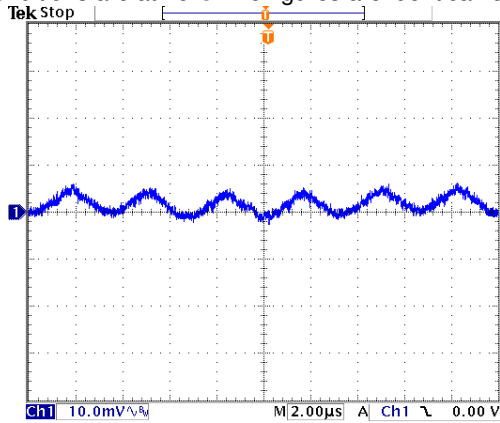
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S15W

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load

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Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S24W

Efficiency versus Output Load

Power Dissipation versus Output Load
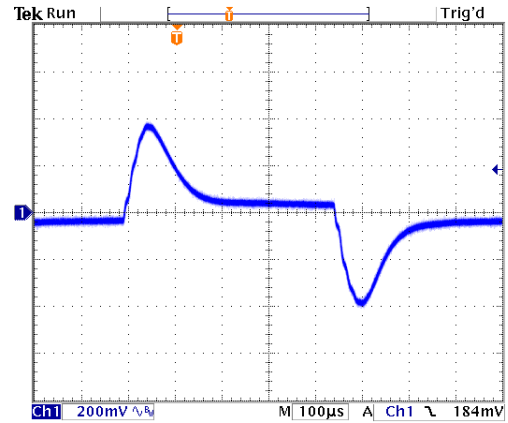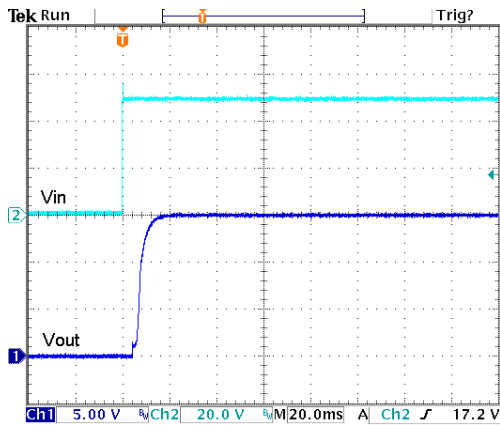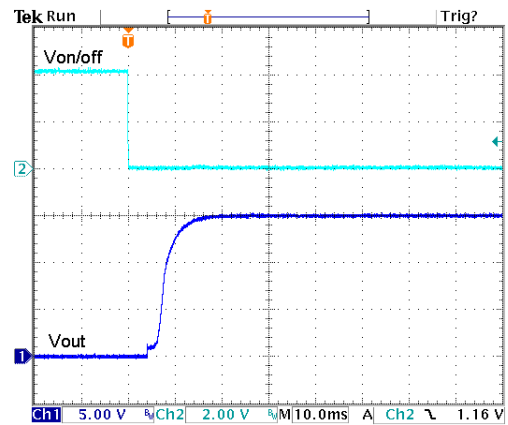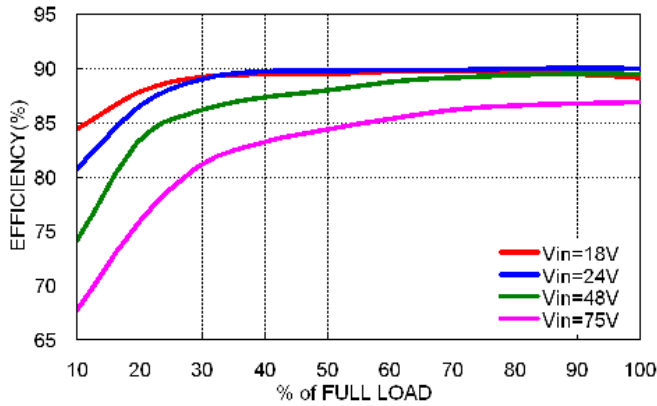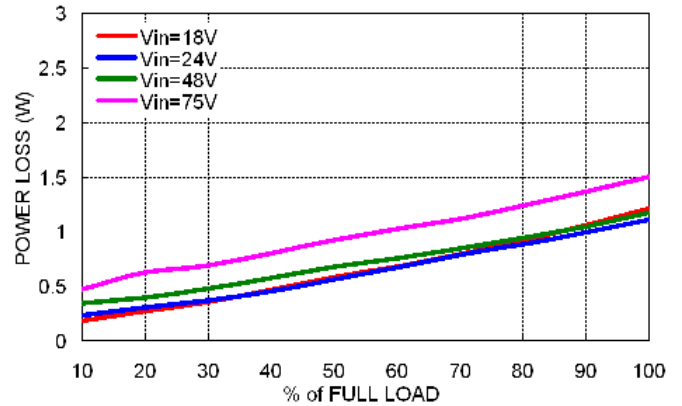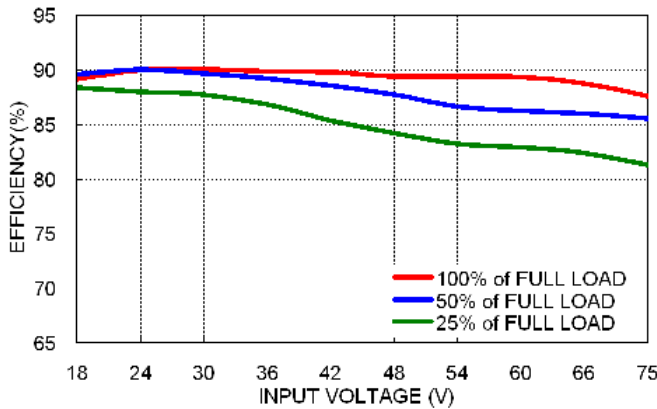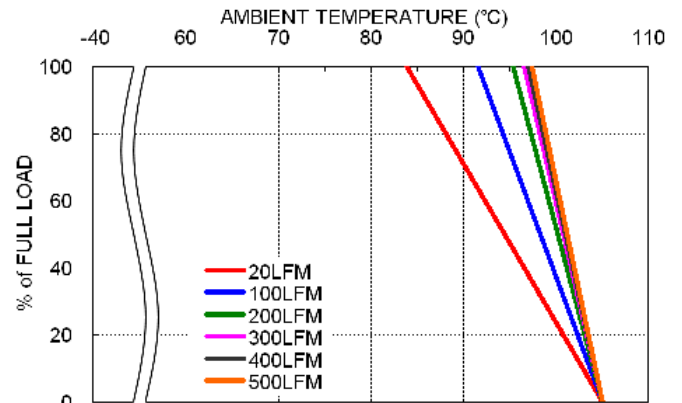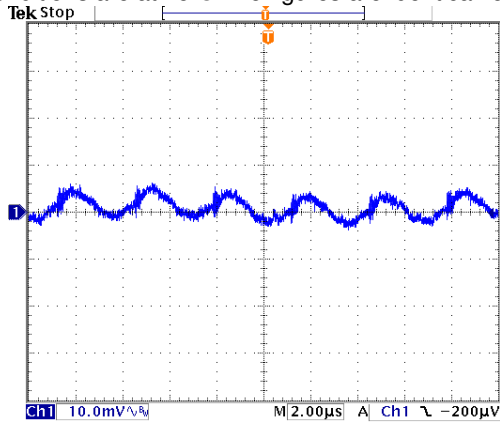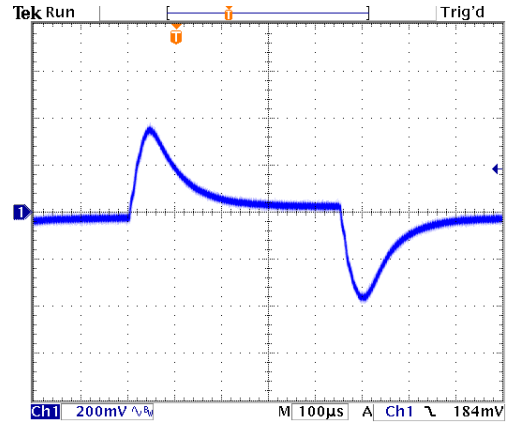
Efficiency versus Input Voltage
Full Load

Derating Output Load versus Ambient Temperature and Airflow
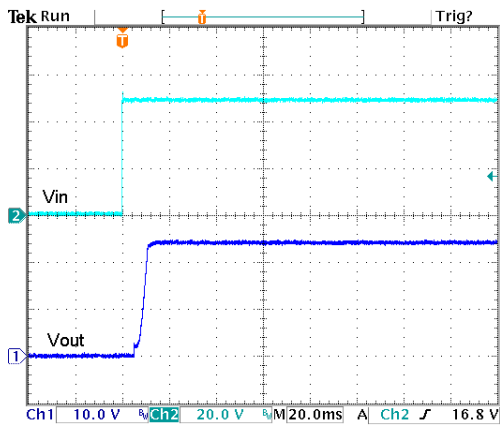Vin(nom)

Characteristic Curves (Continued)

All test conditions are at 25℃.The figures are identical for MPP10-48S24W
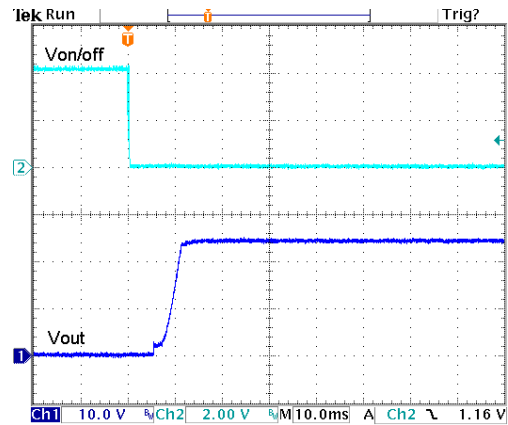

Typical Output Ripple and Noise.
Vin(nom); Full Load

Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load; Vin(nom)

Typical Input Start-Up and Output Rise Characteristic
Vin(nom); Full Load

Using ON/OFF Voltage Start-Up and Output Rise Characteristic
Vin(nom); Full Load