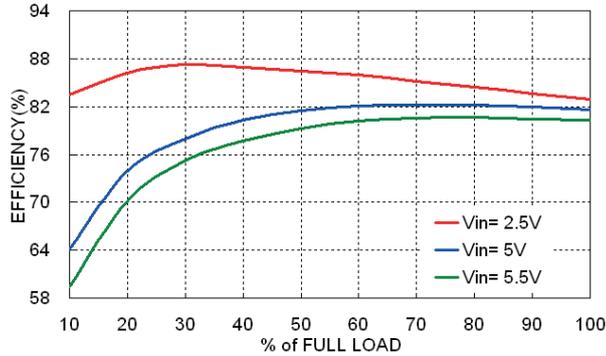


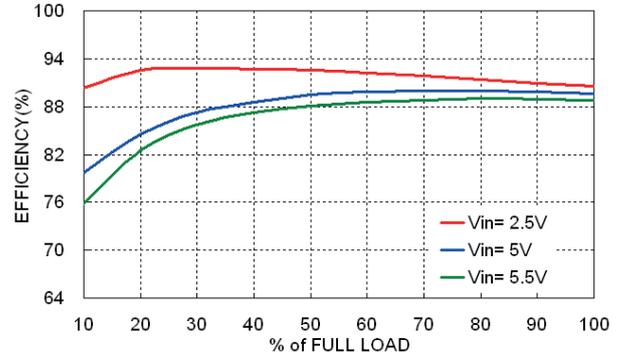
Characteristic Curves

TSR 3-0533(A)

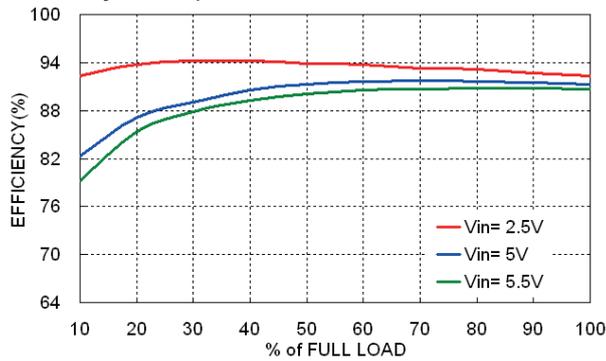
Efficiency vs Output Load, 0.6 Vout



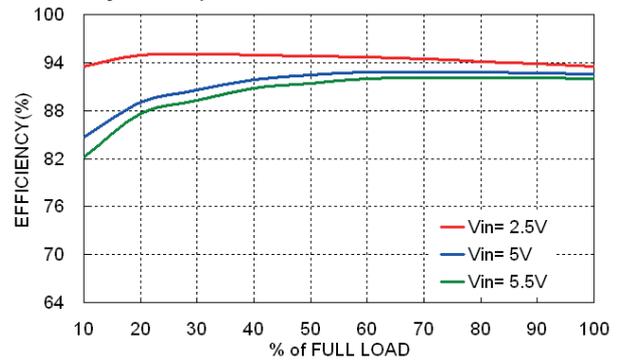
Efficiency vs Output Load, 1.2 Vout



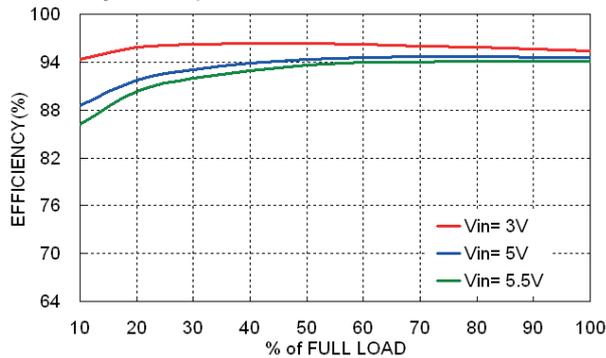
Efficiency vs Output Load, 1.5 Vout



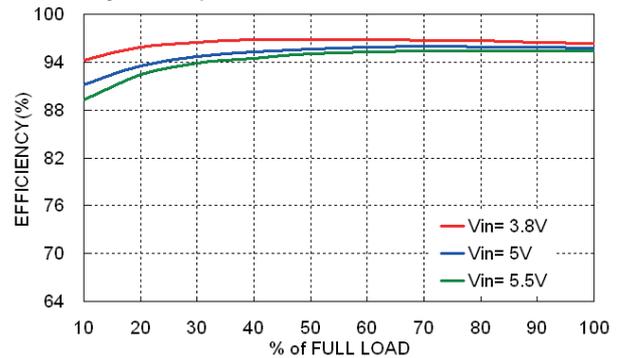
Efficiency vs Output Load, 1.8 Vout



Efficiency vs Output Load, 2.5 Vout

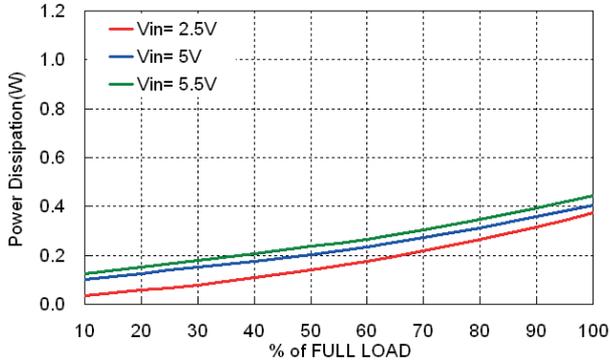


Efficiency vs Output Load, 3.3 Vout

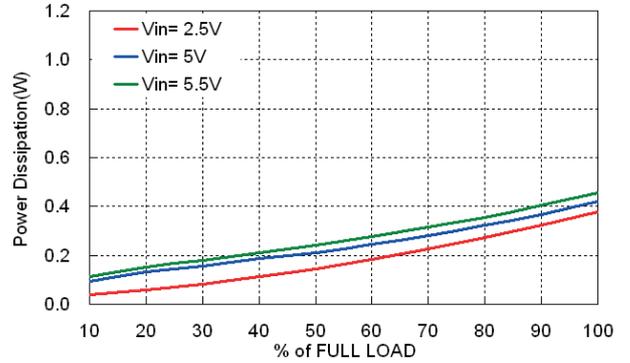


TSR 3-0533(A)

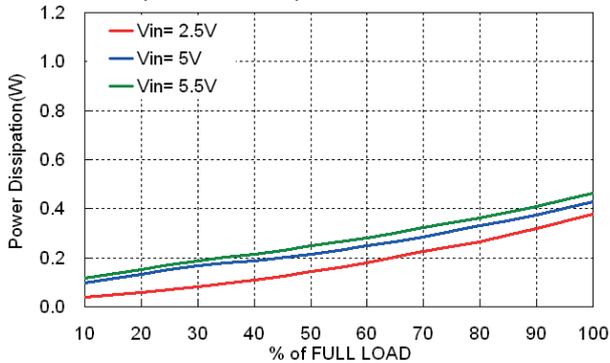
Power Dissipation vs Output Load, 0.6 Vout



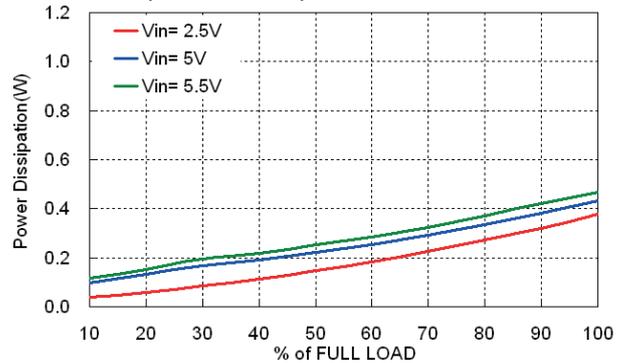
Power Dissipation vs Output Load, 1.2 Vout



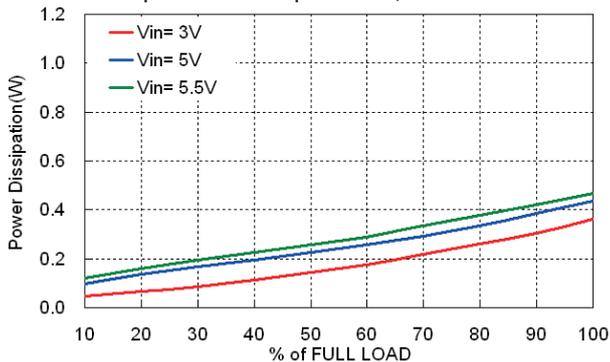
Power Dissipation vs Output Load, 1.5 Vout



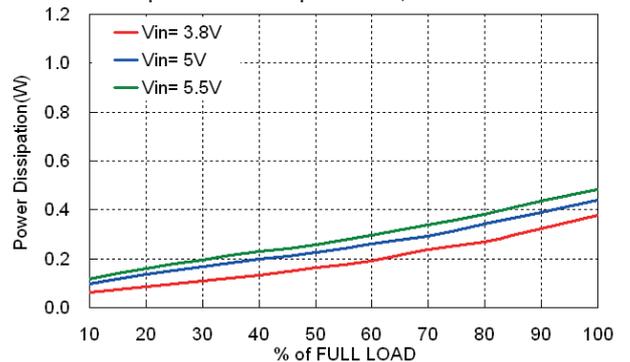
Power Dissipation vs Output Load, 1.8 Vout



Power Dissipation vs Output Load, 2.5 Vout

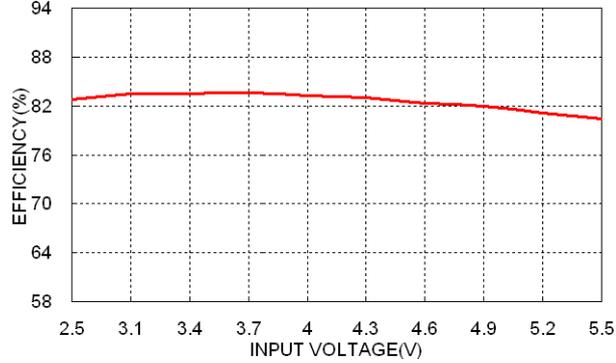


Power Dissipation vs Output Load, 3.3 Vout

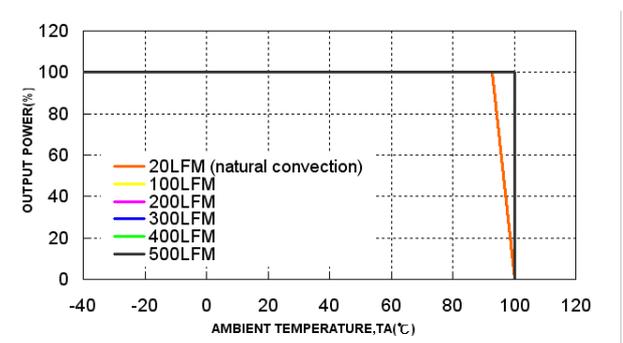


TSR 3-0533(A)

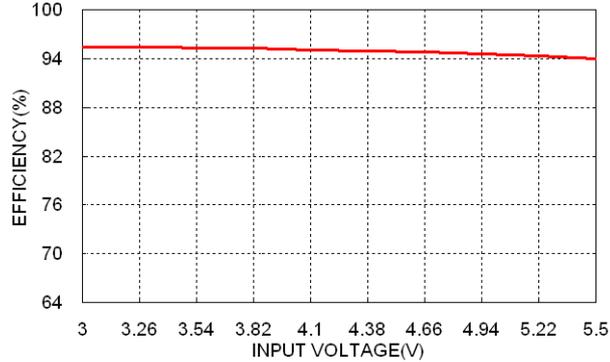
Efficiency vs Input Voltage, 0.6 Vout



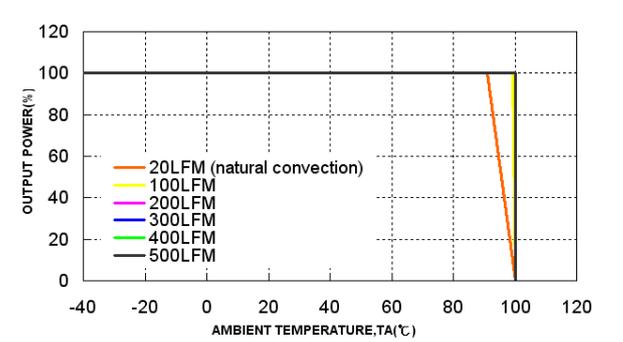
Derating Output Load vs Ambient Temperature 0.6 Vout



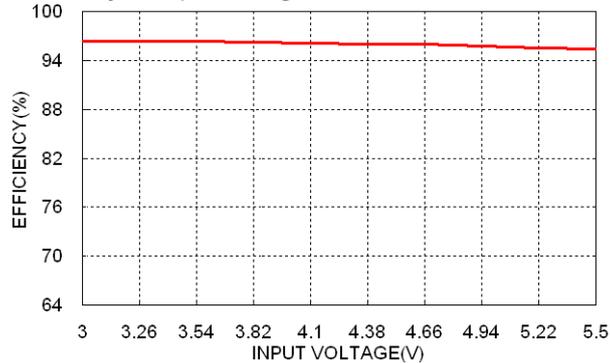
Efficiency vs Input Voltage, 2.5 Vout



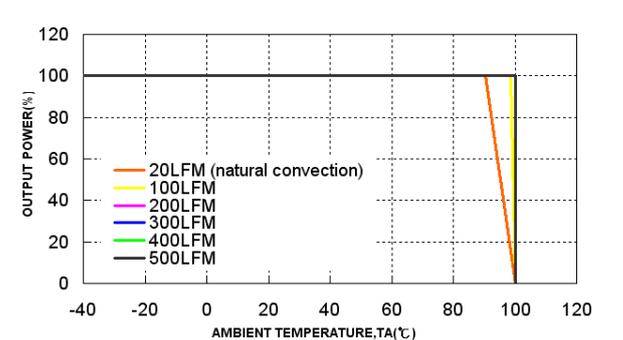
Derating Output Load vs Ambient Temperature 2.5 Vout



Efficiency vs Input Voltage, 3.3 Vout

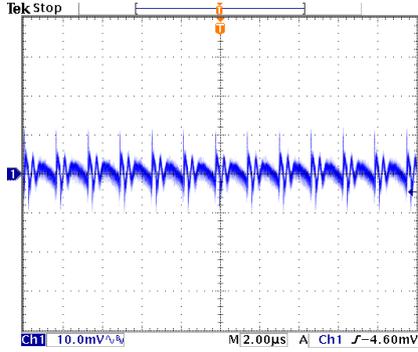


Derating Output Load vs Ambient Temperature 3.3 Vout

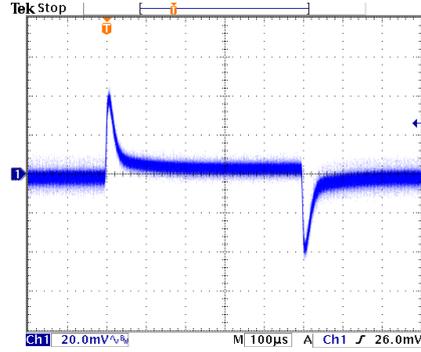


TSR 3-0533(A)

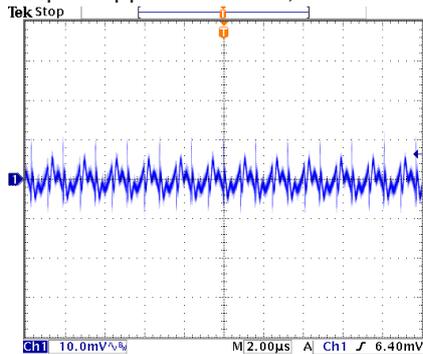
Typical Output Ripple and Noise, 0.6 Vout



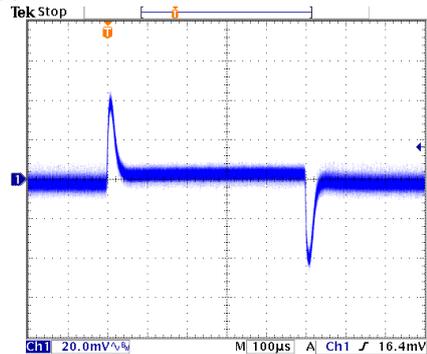
Transient Response to Dynamic Load Change (50%)
0.6 Vout



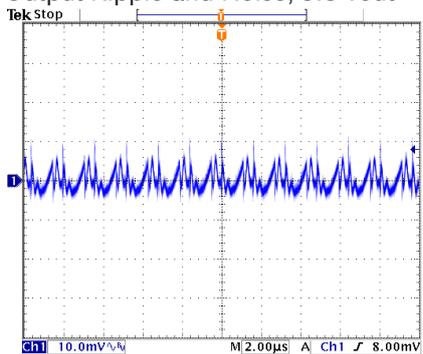
Typical Output Ripple and Noise, 2.5 Vout



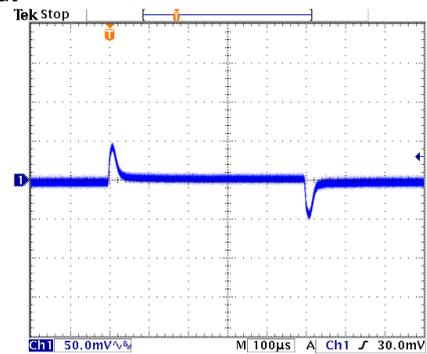
Transient Response to Dynamic Load Change (50%)
2.5 Vout



Typical Output Ripple and Noise, 3.3 Vout

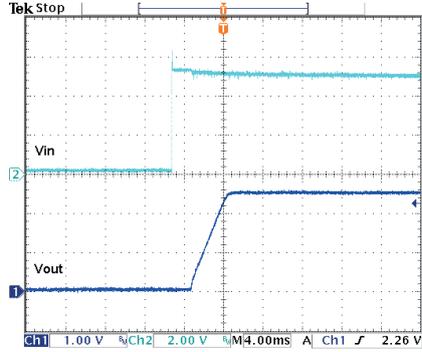


Transient Response to Dynamic Load Change (50%)
3.3 Vout

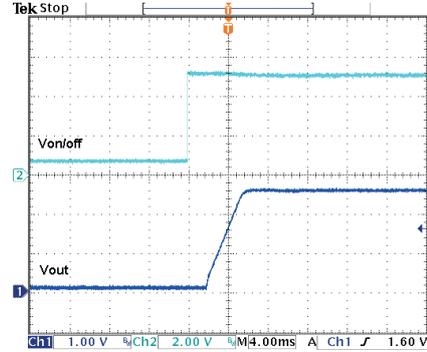


TSR 3-0533(A)

Typical Input Start-Up and Output Rise Characteristic

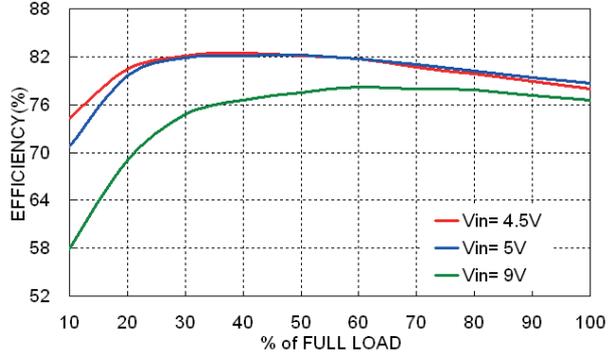


Remote on/off Voltage Start-Up Characteristic

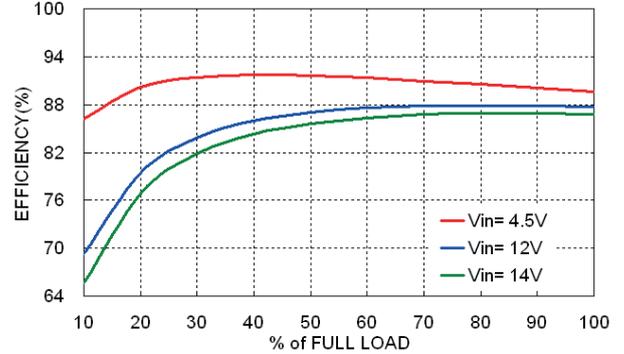


TSR 3-1250(A)

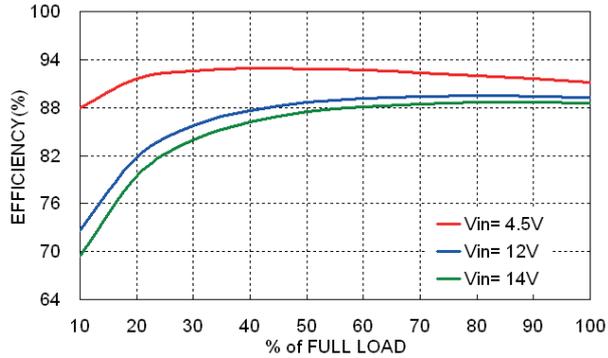
Efficiency vs Output Load, 0.6 Vout



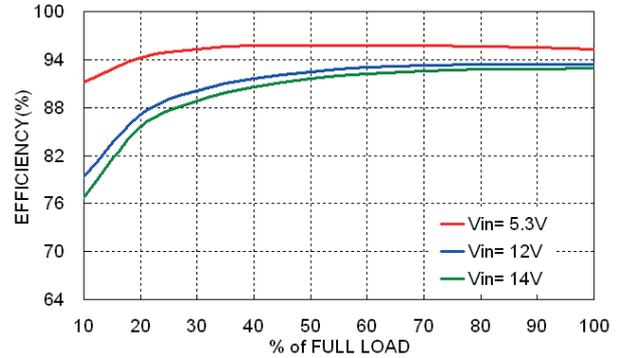
Efficiency vs Output Load, 1.5 Vout



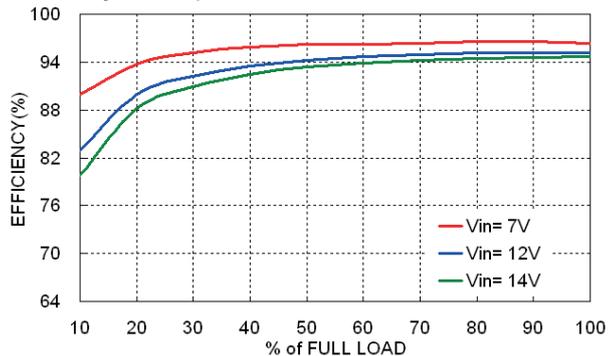
Efficiency vs Output Load, 1.8 Vout



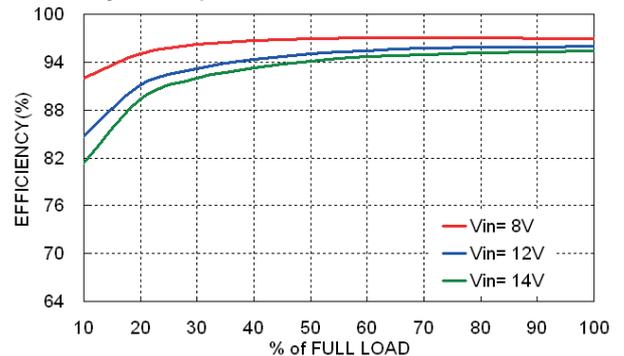
Efficiency vs Output Load, 3.3 Vout



Efficiency vs Output Load, 5.0 Vout

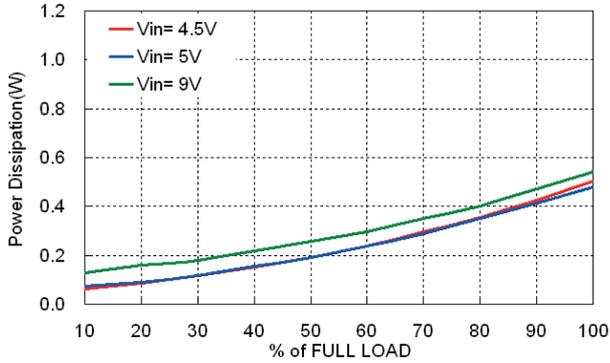


Efficiency vs Output Load, 6.0 Vout

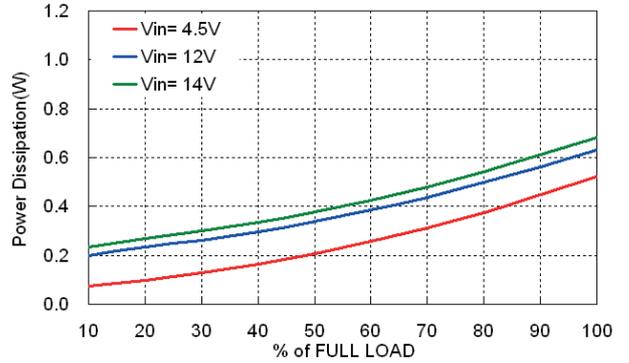


TSR 3-1250(A)

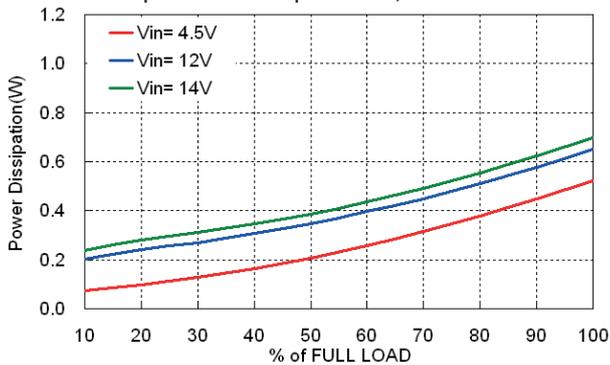
Power Dissipation vs Output Load, 0.6 Vout



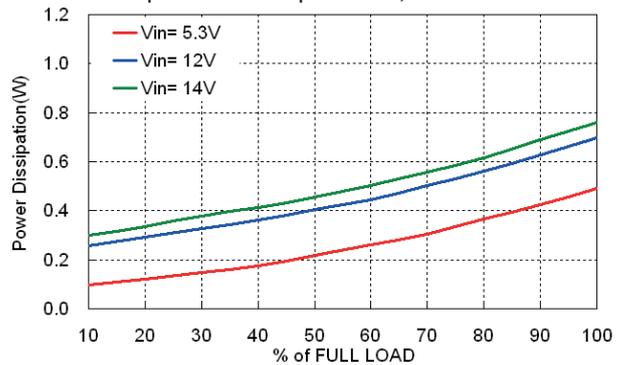
Power Dissipation vs Output Load, 1.5 Vout



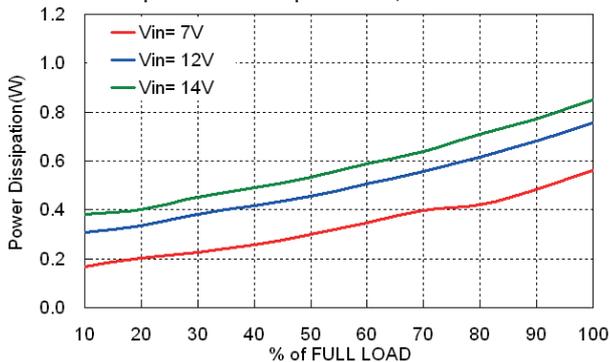
Power Dissipation vs Output Load, 1.8 Vout



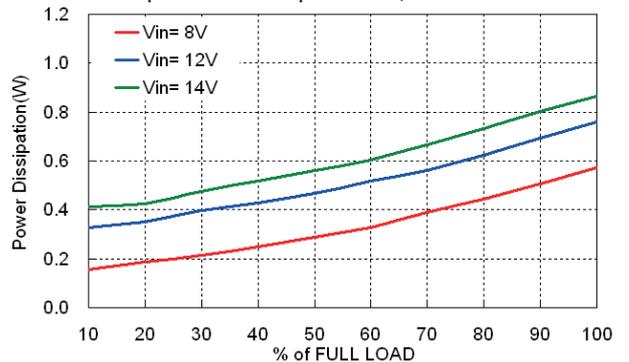
Power Dissipation vs Output Load, 3.3 Vout



Power Dissipation vs Output Load, 5.0 Vout

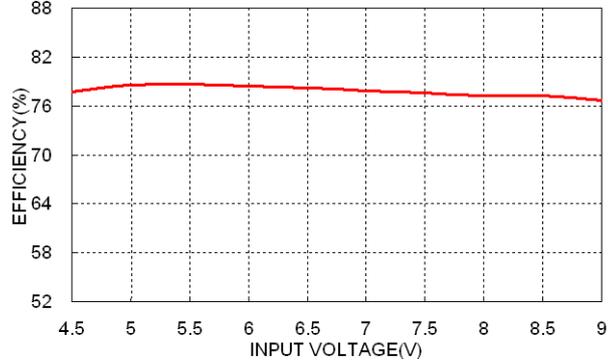


Power Dissipation vs Output Load, 6.0 Vout

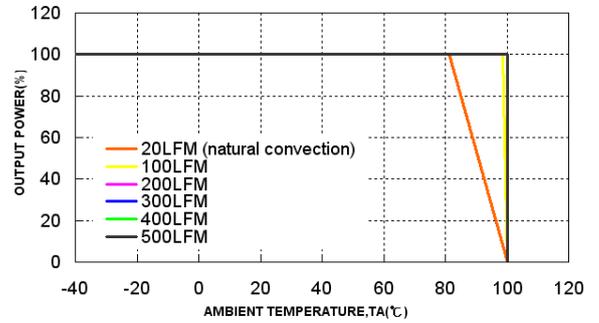


TSR 3-1250(A)

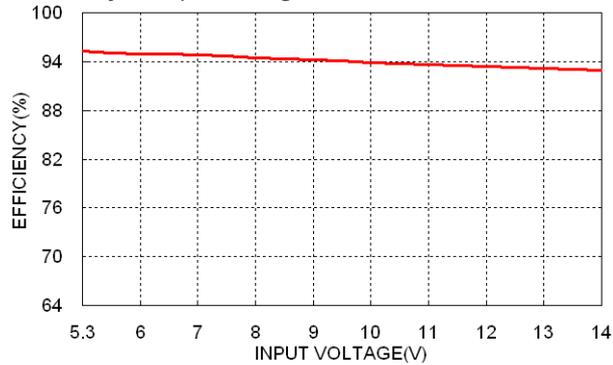
Efficiency vs Input Voltage, 0.6 Vout



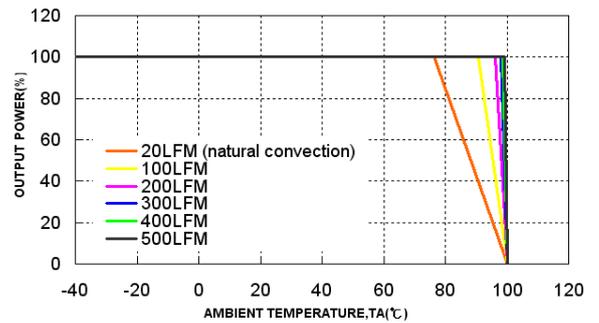
Derating Output Load vs Ambient Temperature 0.6 Vout



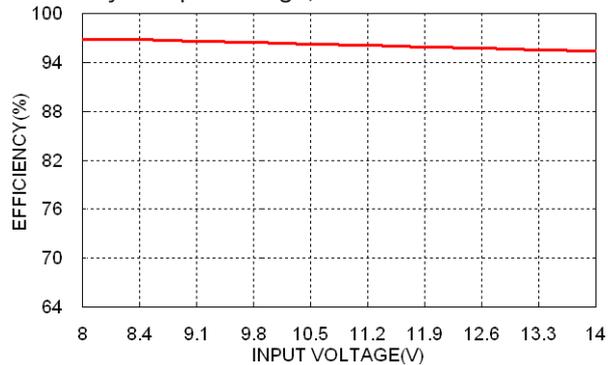
Efficiency vs Input Voltage, 3.3 Vout



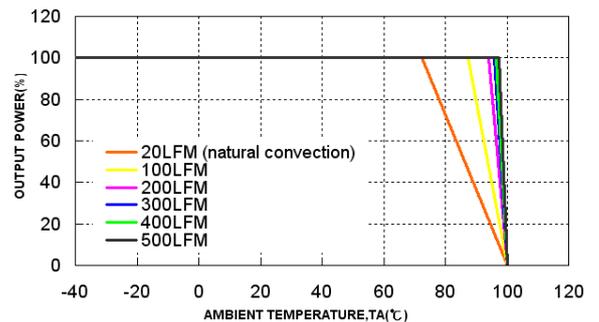
Derating Output Load vs Ambient Temperature 3.3 Vout



Efficiency vs Input Voltage, 6.0 Vout

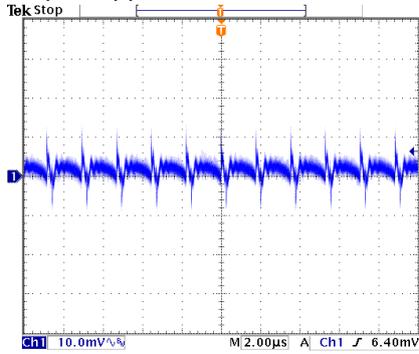


Derating Output Load vs Ambient Temperature 6.0 Vout

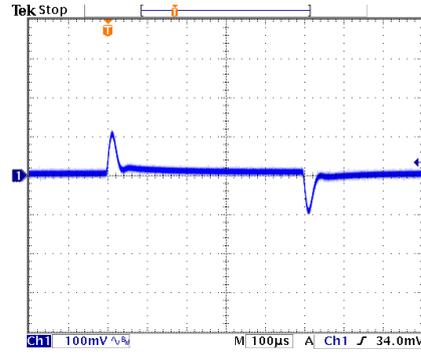


TSR 3-1250(A)

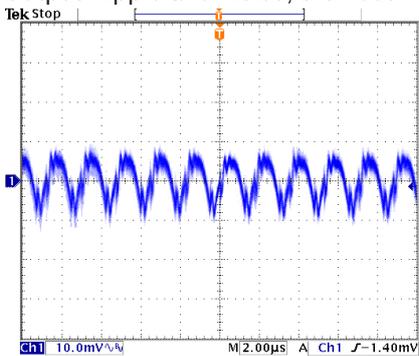
Typical Output Ripple and Noise, 0.6 Vout



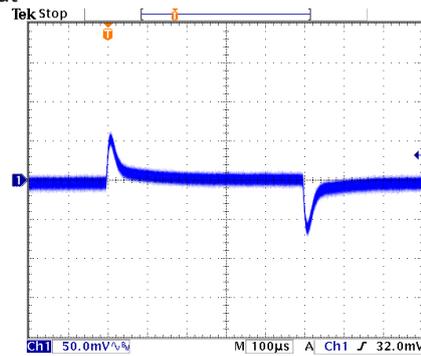
Transient Response to Dynamic Load Change (50%)
0.6 Vout



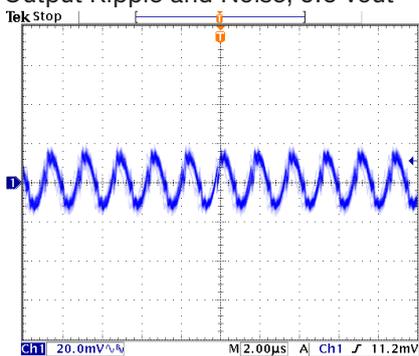
Typical Output Ripple and Noise, 3.3 Vout



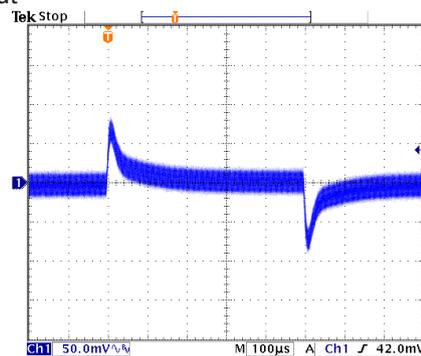
Transient Response to Dynamic Load Change (50%)
3.3 Vout



Typical Output Ripple and Noise, 6.0 Vout

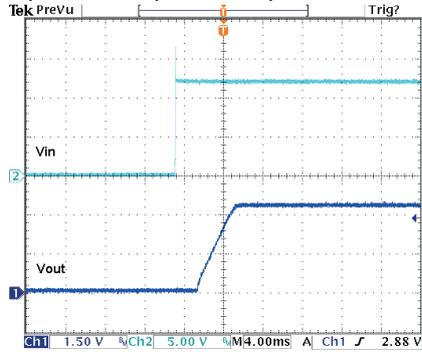


Transient Response to Dynamic Load Change (50%)
6.0 Vout

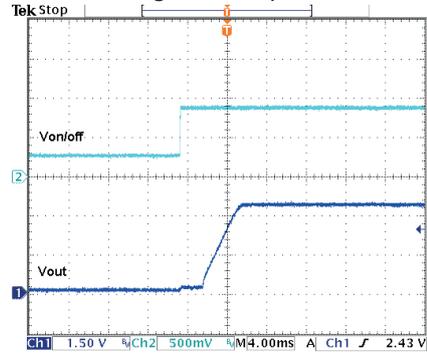


TSR 3-1250(A)

Typical Input Start-Up and Output Rise Characteristic

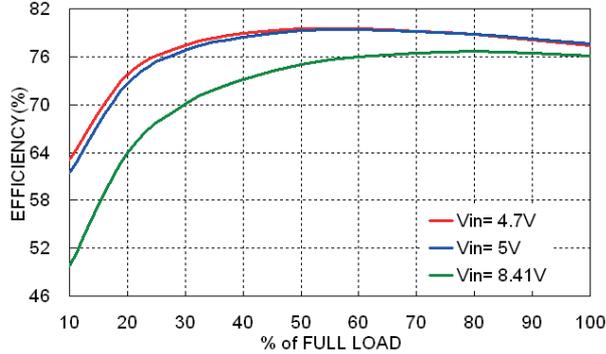


Remote on/off Voltage Start-Up Characteristic

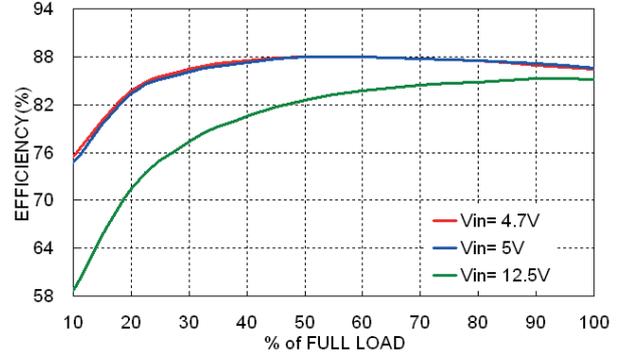


TSR 3-1250(A) (negative Output)

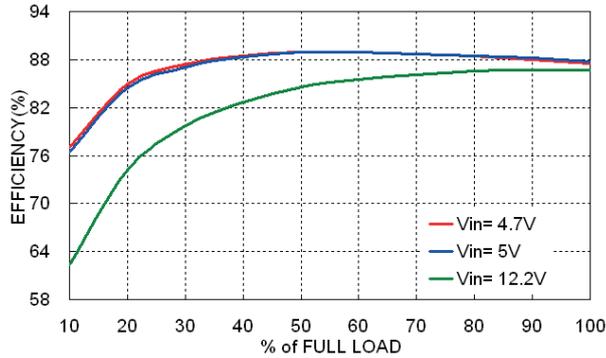
Efficiency vs Output Load, -0.6 Vout



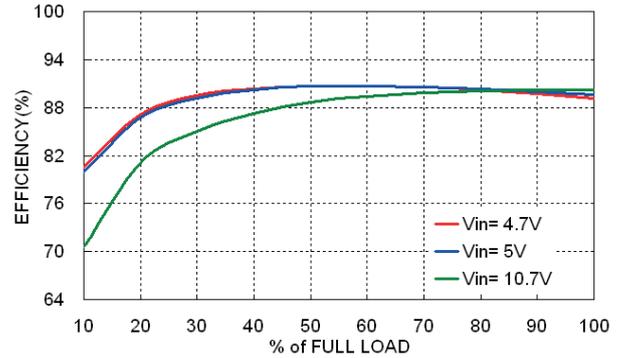
Efficiency vs Output Load, -1.5 Vout



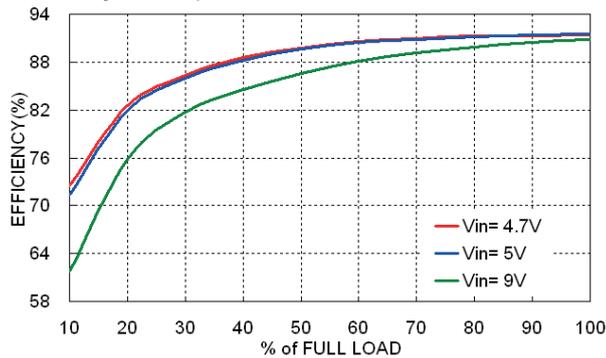
Efficiency vs Output Load, -1.8 Vout



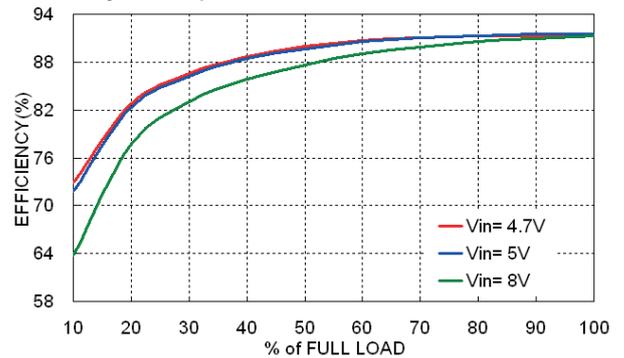
Efficiency vs Output Load, -3.3 Vout



Efficiency vs Output Load, -5.0 Vout

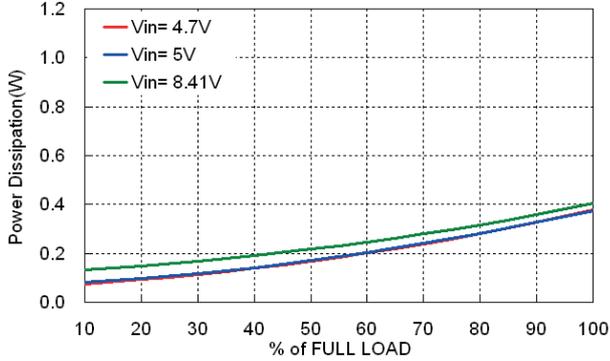


Efficiency vs Output Load, -6.0 Vout

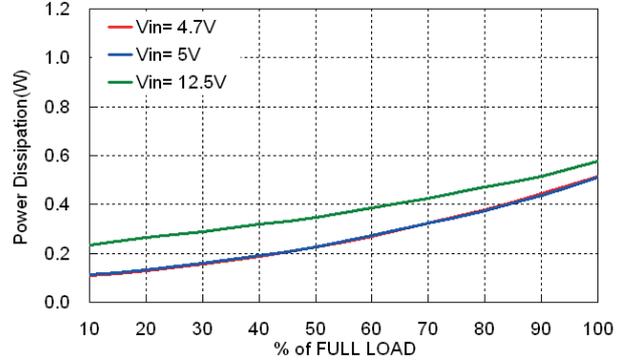


TSR 3-1250(A) (negative Output)

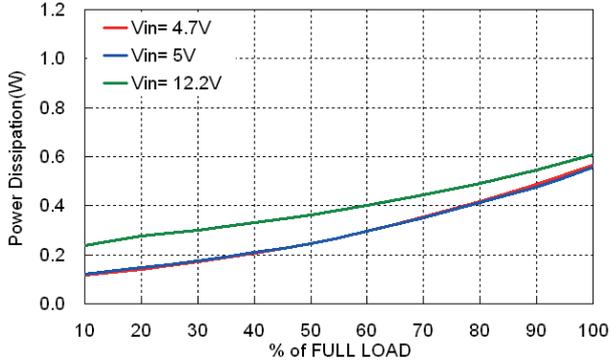
Power Dissipation vs Output Load, -0.6 Vout



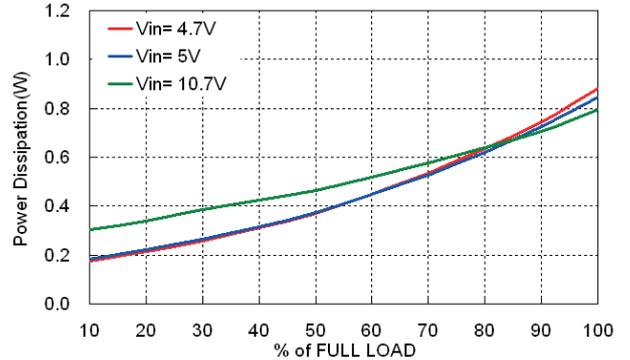
Power Dissipation vs Output Load, -1.5 Vout



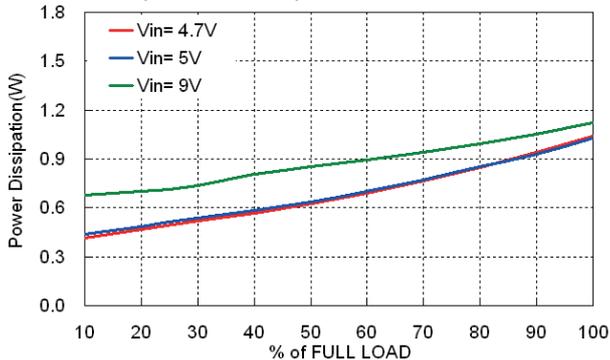
Power Dissipation vs Output Load, -1.8 Vout



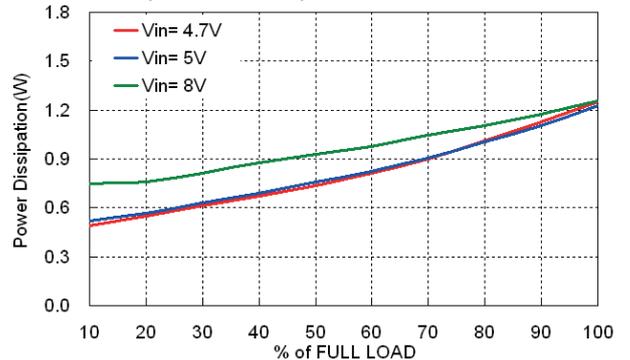
Power Dissipation vs Output Load, -3.3 Vout



Power Dissipation vs Output Load, -5.0 Vout

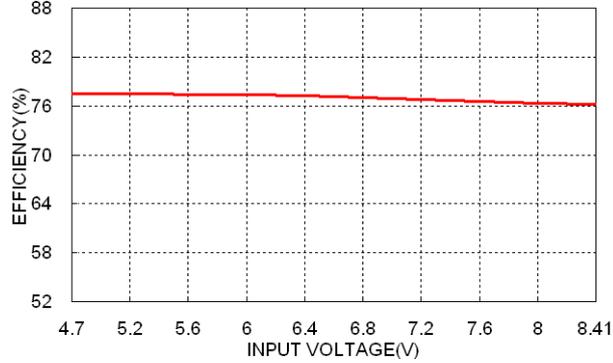


Power Dissipation vs Output Load, -6.0 Vout

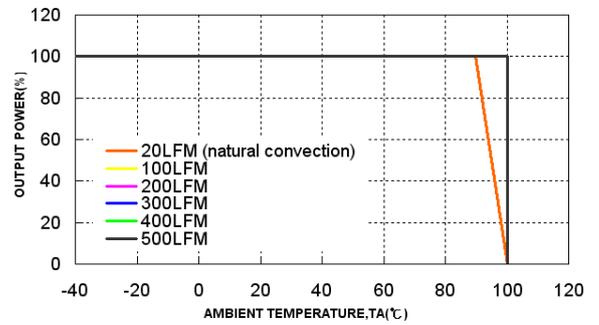


TSR 3-1250(A) (negative Output)

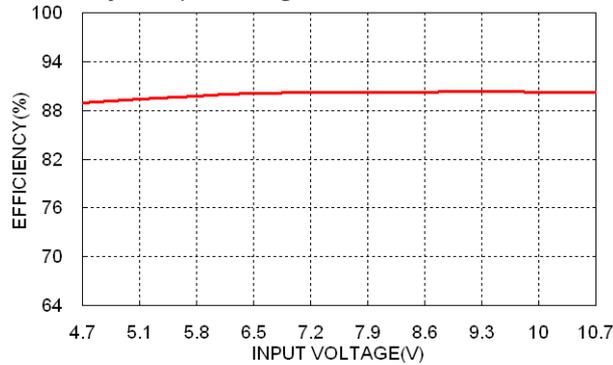
Efficiency vs Input Voltage, -0.6 Vout



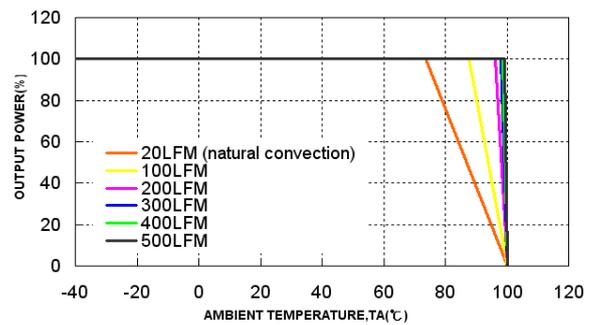
Derating Output Load vs Ambient Temperature -0.6 Vout



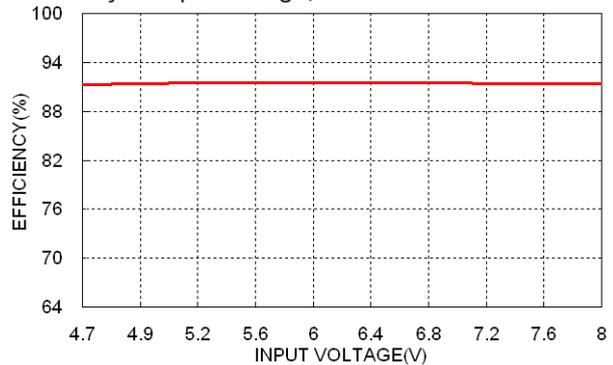
Efficiency vs Input Voltage, -3.3 Vout



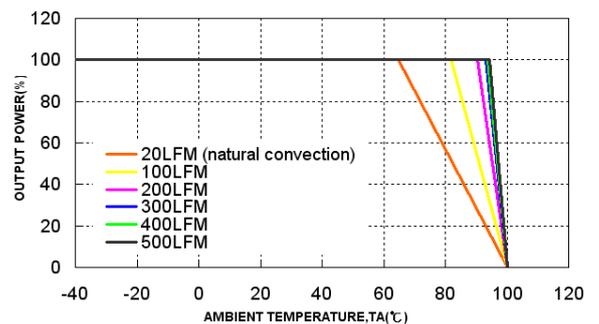
Derating Output Load vs Ambient Temperature -3.3 Vout



Efficiency vs Input Voltage, -6.0 Vout

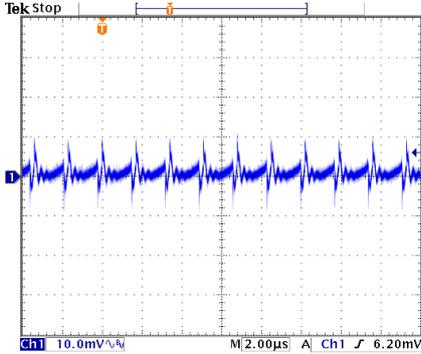


Derating Output Load vs Ambient Temperature -6.0 Vout

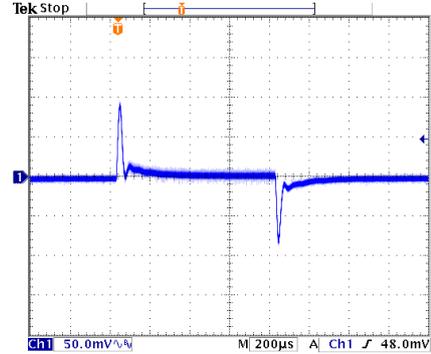


TSR 3-1250(A) (negative Output)

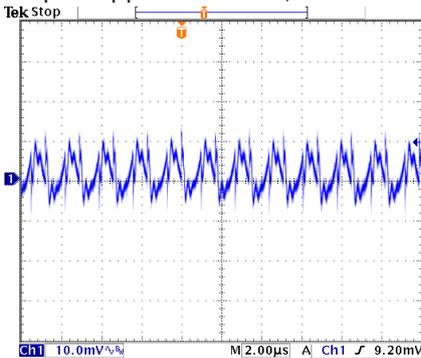
Typical Output Ripple and Noise, -0.6 Vout



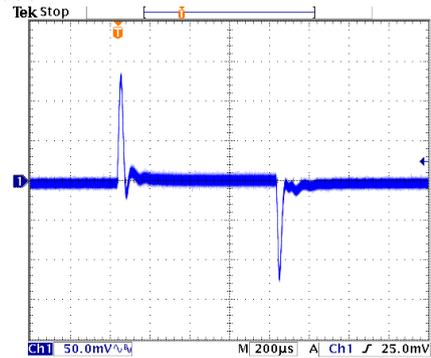
Transient Response to Dynamic Load Change (50%)
-0.6 Vout



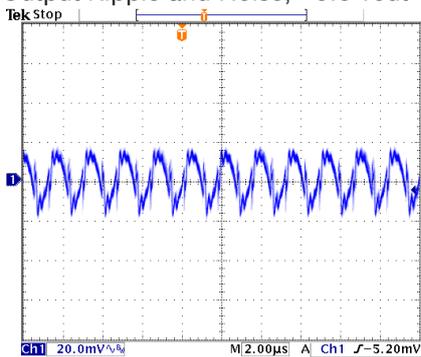
Typical Output Ripple and Noise, -3.3 Vout



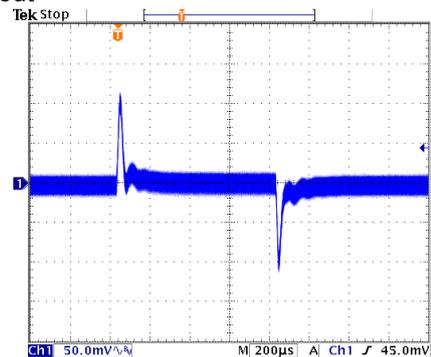
Transient Response to Dynamic Load Change (50%)
-3.3 Vout



Typical Output Ripple and Noise, -6.0 Vout

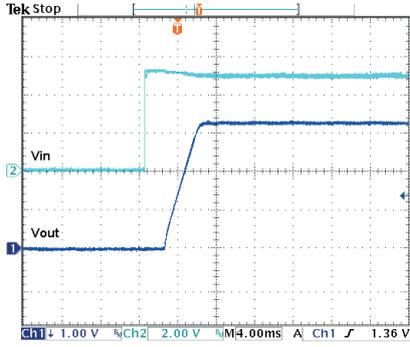


Transient Response to Dynamic Load Change (50%)
-6.0 Vout

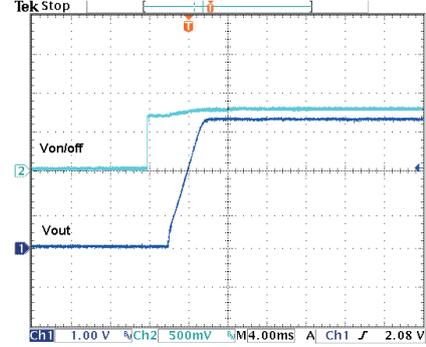


TSR 3-1250(A) (negative Output)

Typical Input Start-Up and Output Rise Characteristic

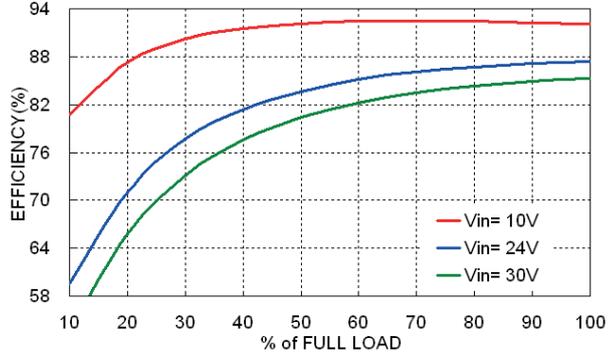


Remote on/off Voltage Start-Up Characteristic

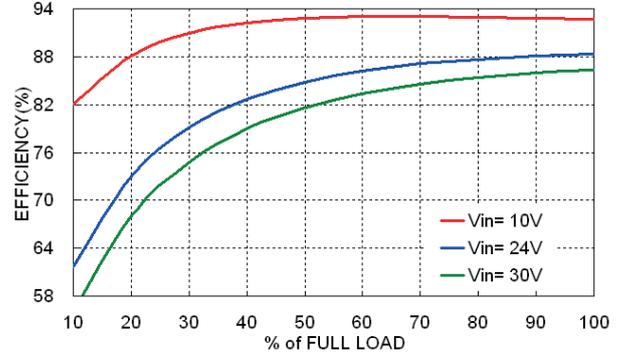


TSR 3-2450(A)

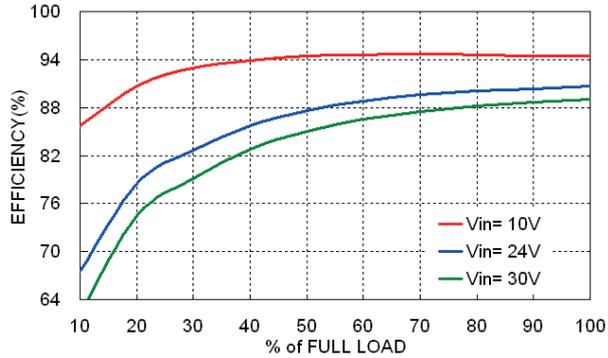
Efficiency vs Output Load, 3.0 Vout



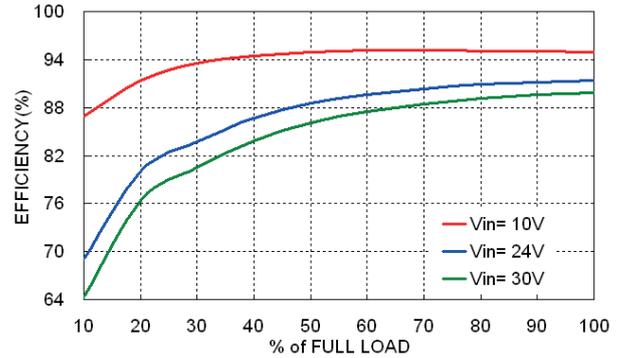
Efficiency vs Output Load, 3.3 Vout



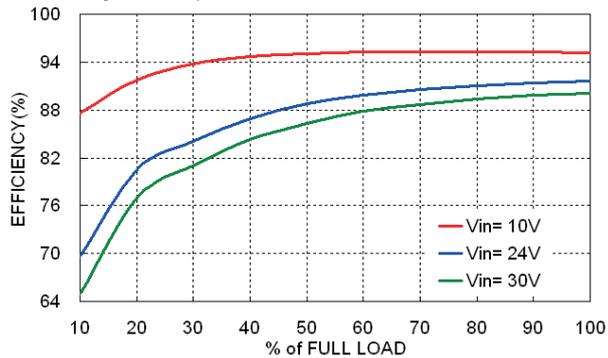
Efficiency vs Output Load, 4.5 Vout



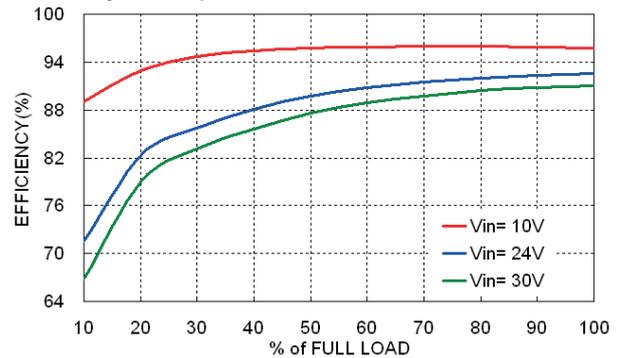
Efficiency vs Output Load, 5.0 Vout



Efficiency vs Output Load, 5.2 Vout

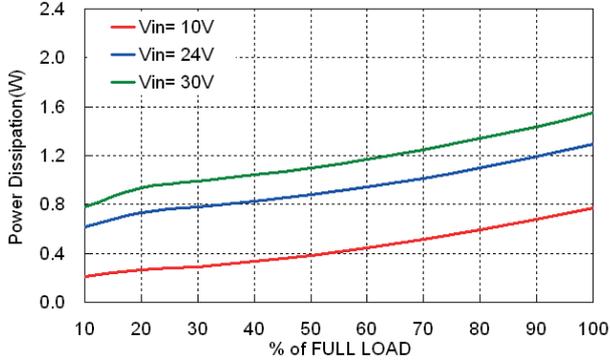


Efficiency vs Output Load, 6.0 Vout

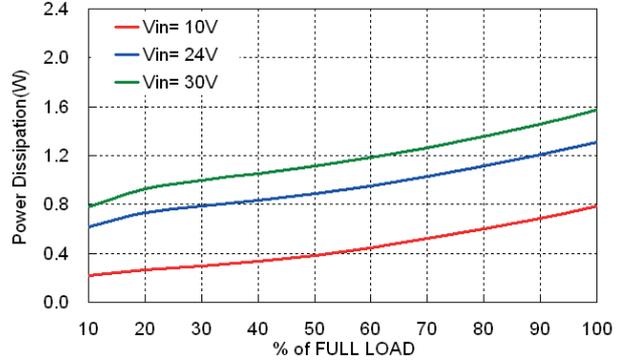


TSR 3-2450(A)

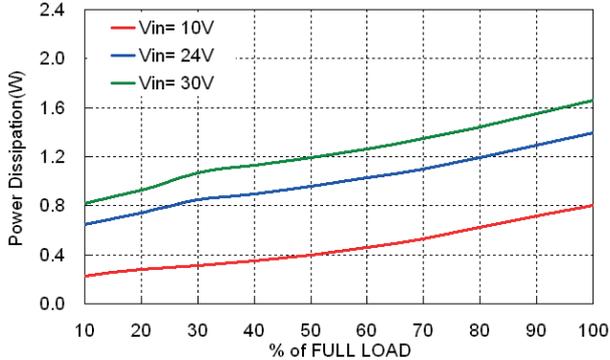
Power Dissipation vs Output Load, 3.0 Vout



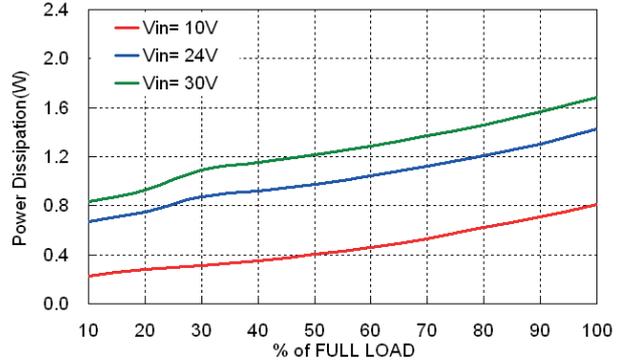
Power Dissipation vs Output Load, 3.3 Vout



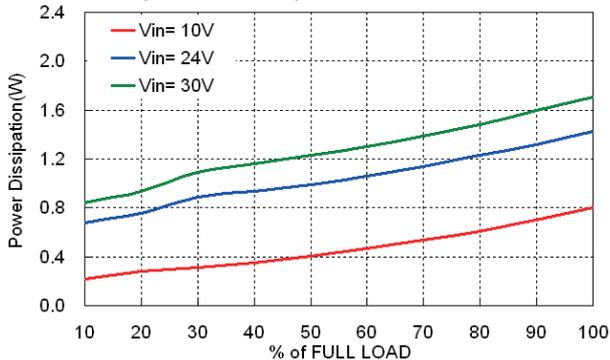
Power Dissipation vs Output Load, 4.5 Vout



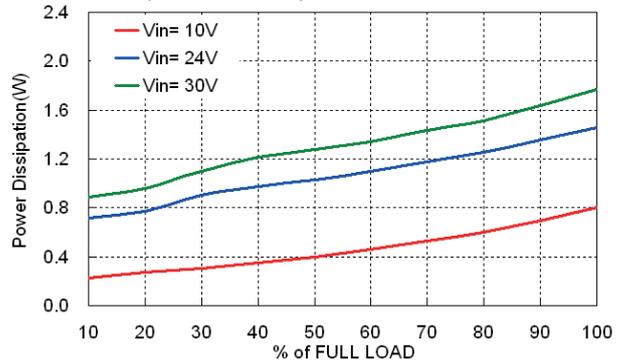
Power Dissipation vs Output Load, 5.0 Vout



Power Dissipation vs Output Load, 5.2 Vout

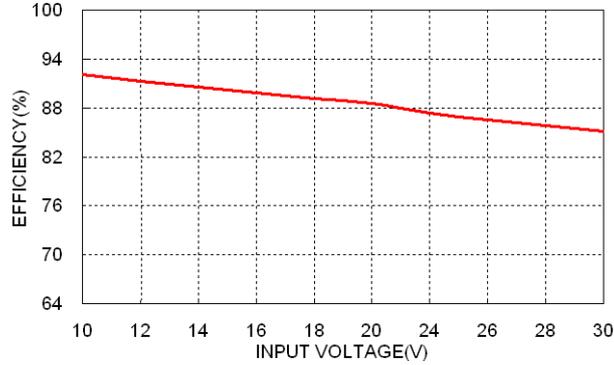


Power Dissipation vs Output Load, 6.0 Vout

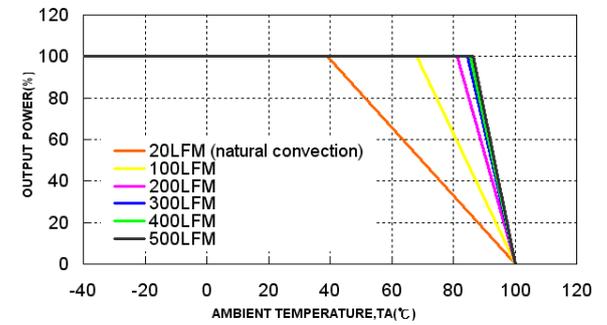


TSR 3-2450(A)

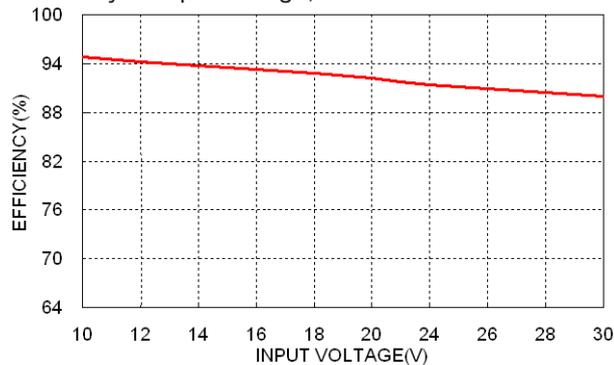
Efficiency vs Input Voltage, 3.0 Vout



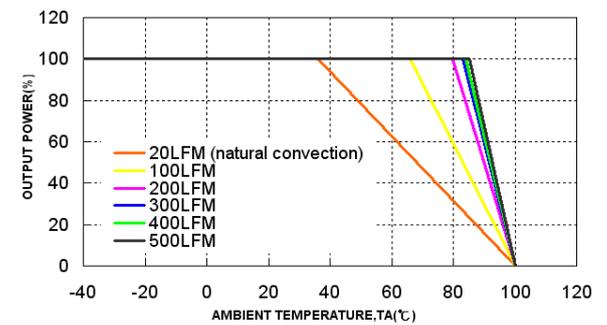
Derating Output Load vs Ambient Temperature 3.0 Vout



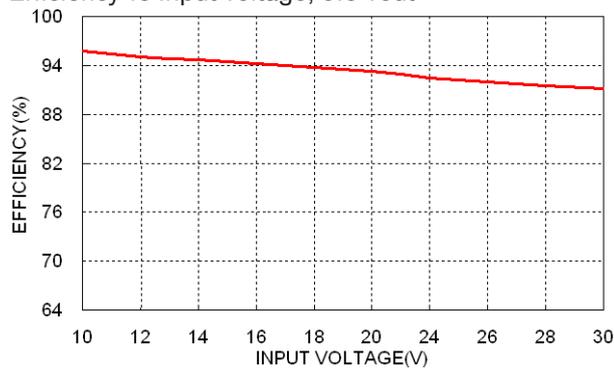
Efficiency vs Input Voltage, 5.0 Vout



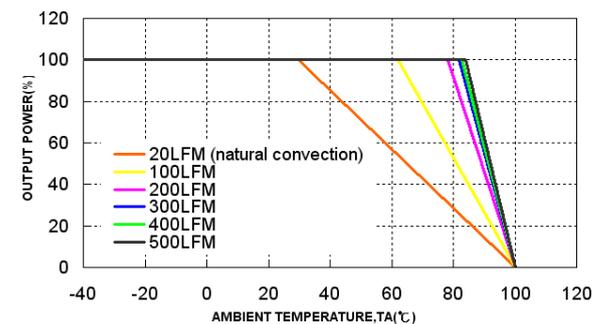
Derating Output Load vs Ambient Temperature 5.0 Vout



Efficiency vs Input Voltage, 6.0 Vout

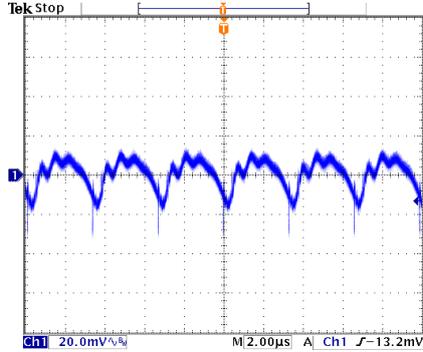


Derating Output Load vs Ambient Temperature 6.0 Vout

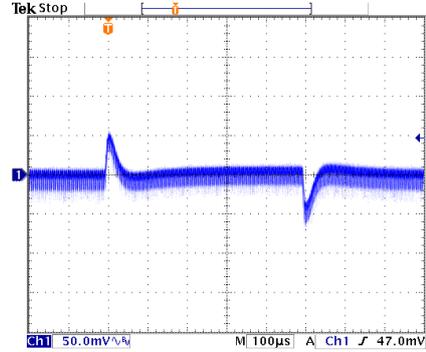


TSR 3-2450(A)

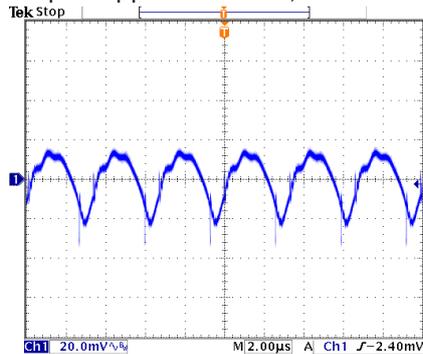
Typical Output Ripple and Noise, 3.0 Vout



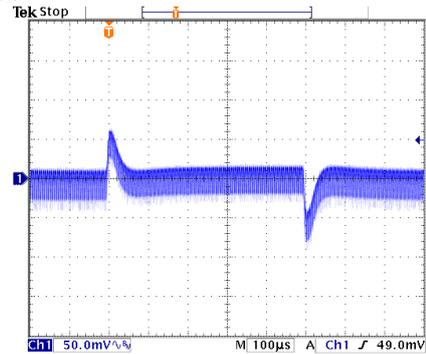
Transient Response to Dynamic Load Change (50%)
3.0 Vout



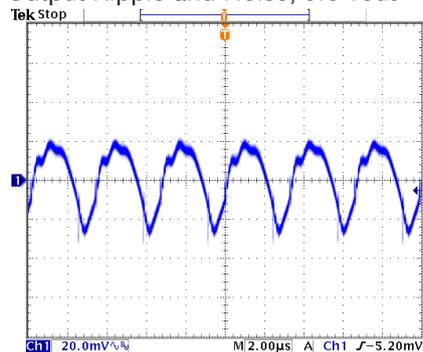
Typical Output Ripple and Noise, 5.0 Vout



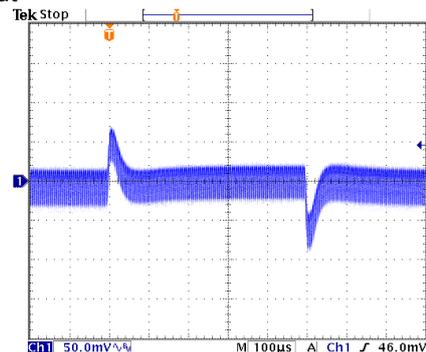
Transient Response to Dynamic Load Change (50%)
5.0 Vout



Typical Output Ripple and Noise, 6.0 Vout

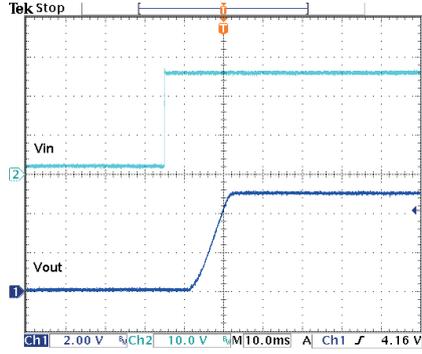


Transient Response to Dynamic Load Change (50%)
6.0 Vout

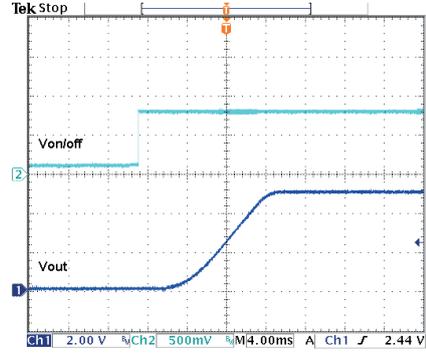


TSR 3-2450(A)

Typical Input Start-Up and Output Rise Characteristic

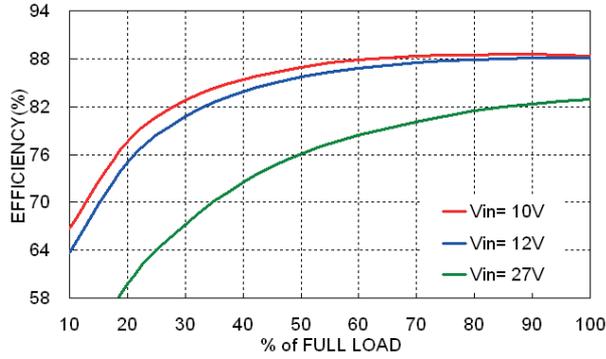


Remote on/off Voltage Start-Up Characteristic

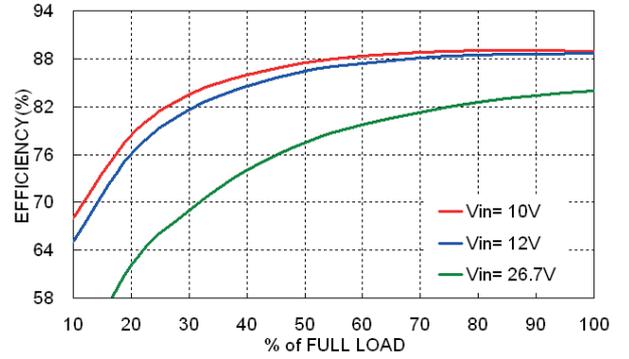


TSR 3-2450(A) (negative Output)

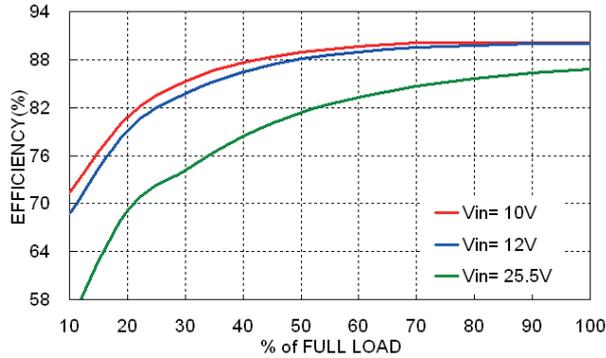
Efficiency vs Output Load, -3.0 Vout



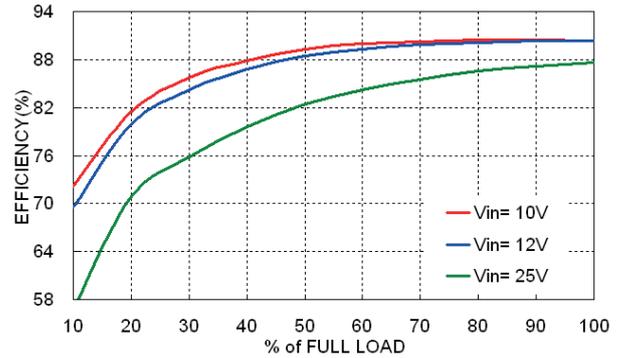
Efficiency vs Output Load, -3.3 Vout



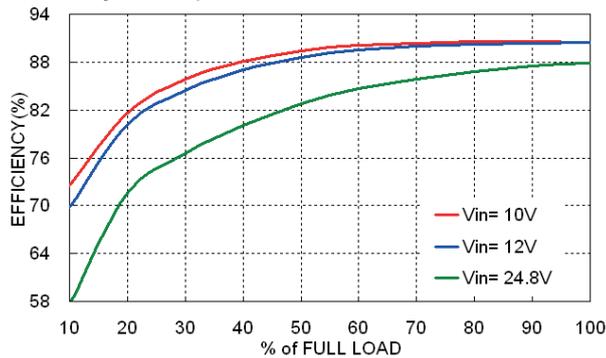
Efficiency vs Output Load, -4.5 Vout



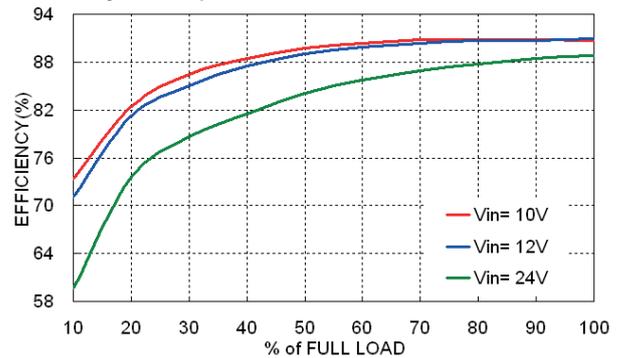
Efficiency vs Output Load, -5.0 Vout



Efficiency vs Output Load, -5.2 Vout

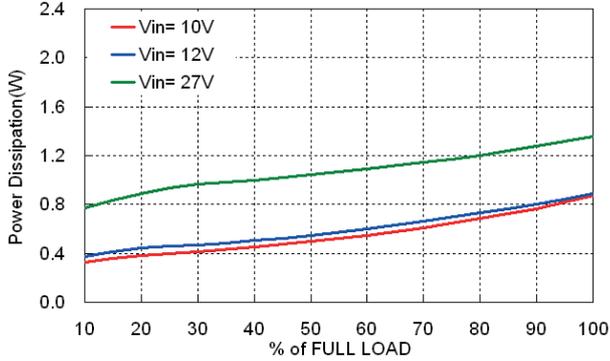


Efficiency vs Output Load, -6.0 Vout

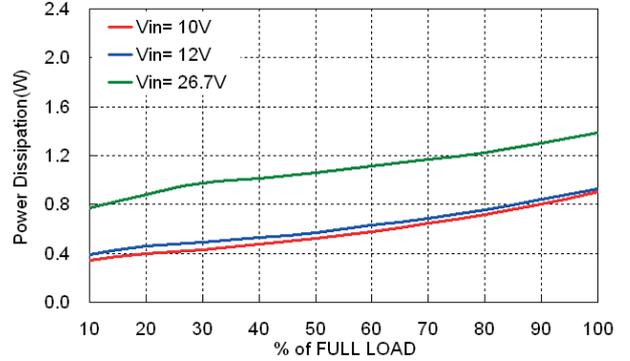


TSR 3-2450(A) (negative Output)

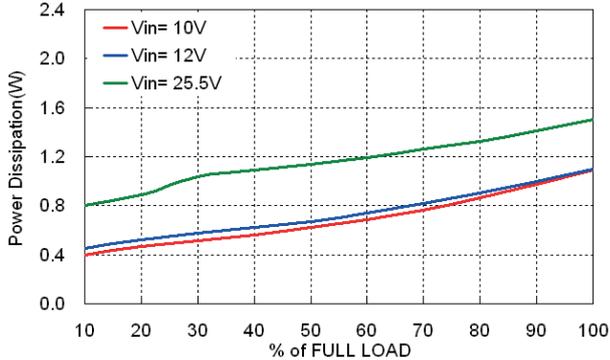
Power Dissipation vs Output Load, -3.0 Vout



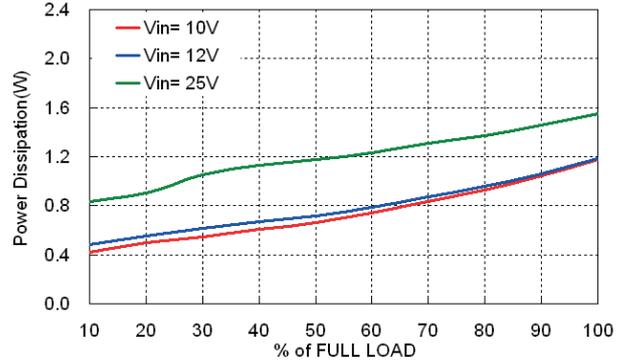
Power Dissipation vs Output Load, -3.3 Vout



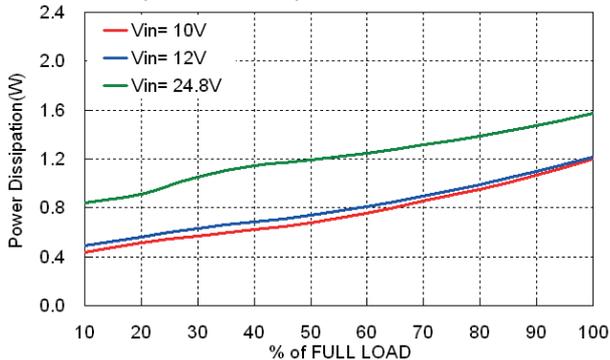
Power Dissipation vs Output Load, -4.5 Vout



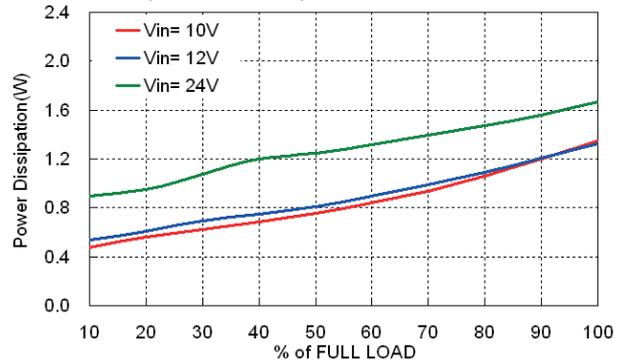
Power Dissipation vs Output Load, -5.0 Vout



Power Dissipation vs Output Load, -5.2 Vout

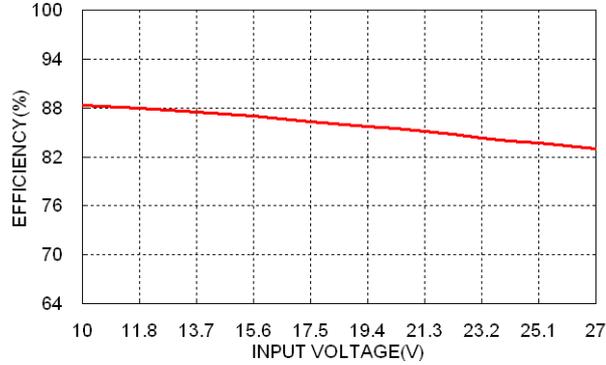


Power Dissipation vs Output Load, -6.0 Vout

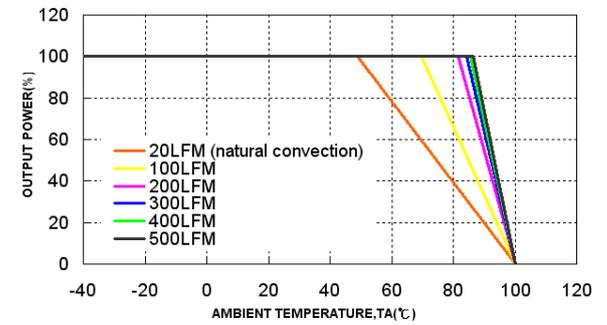


TSR 3-2450(A) (negative Output)

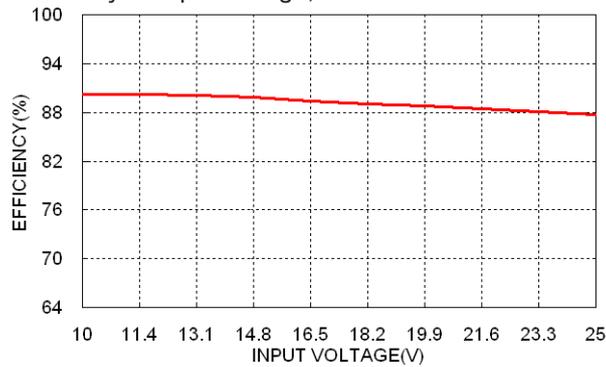
Efficiency vs Input Voltage, -3.0 Vout



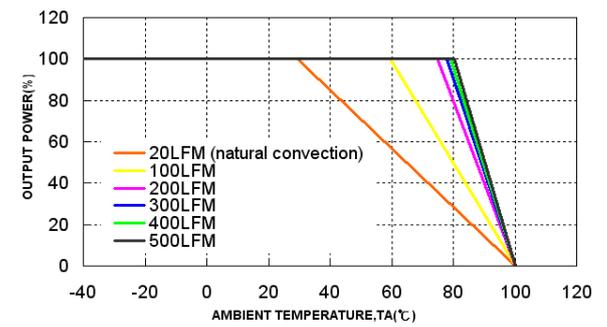
Derating Output Load vs Ambient Temperature -3.0 Vout



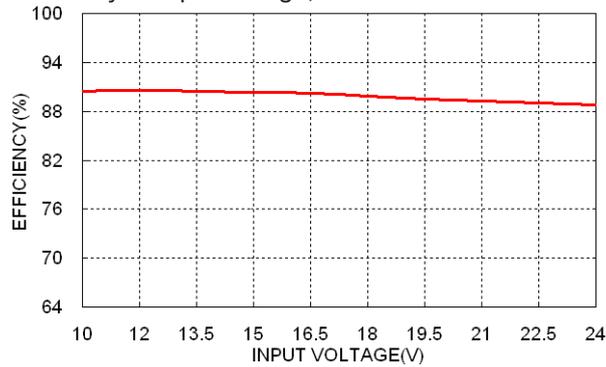
Efficiency vs Input Voltage, -5.0 Vout



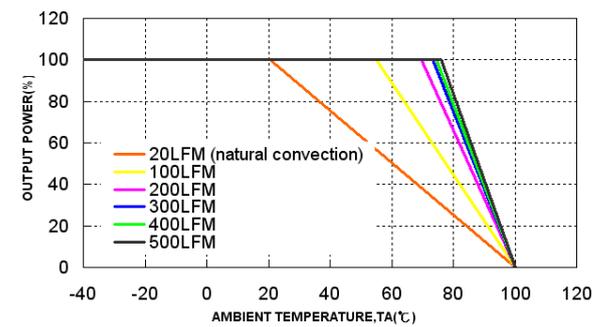
Derating Output Load vs Ambient Temperature -5.0 Vout



Efficiency vs Input Voltage, -6.0 Vout

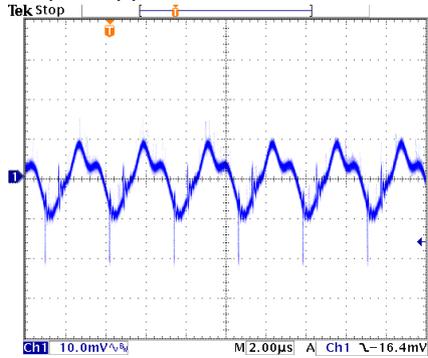


Derating Output Load vs Ambient Temperature -6.0 Vout

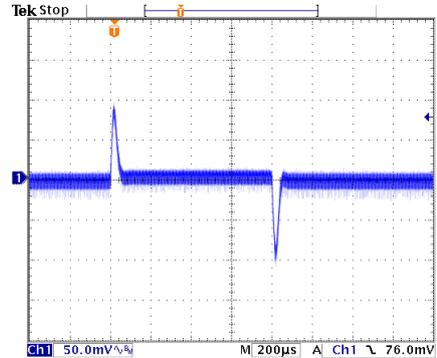


TSR 3-2450(A) (negative Output)

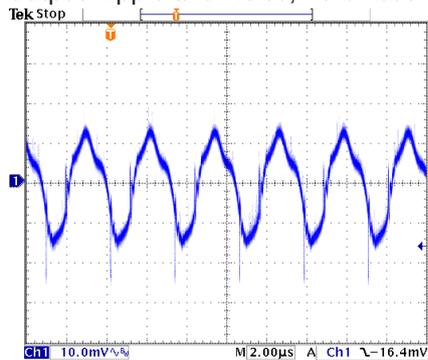
Typical Output Ripple and Noise, -3.0 Vout



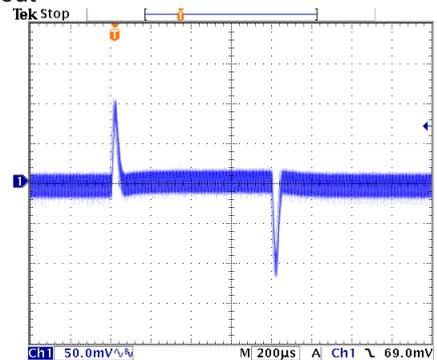
Transient Response to Dynamic Load Change (50%) -3.0 Vout



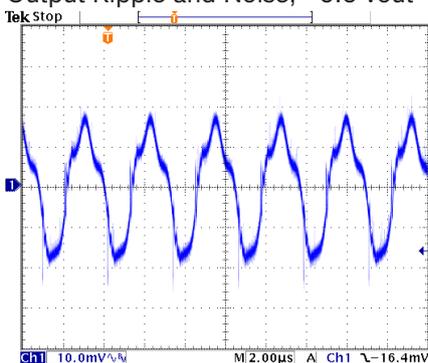
Typical Output Ripple and Noise, -5.0 Vout



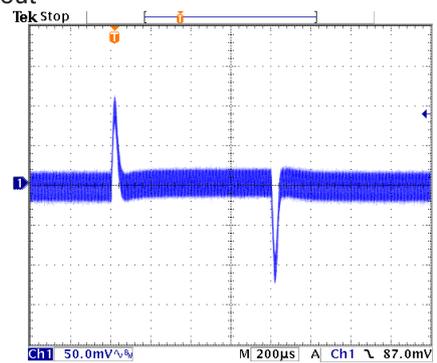
Transient Response to Dynamic Load Change (50%) -5.0 Vout



Typical Output Ripple and Noise, -6.0 Vout

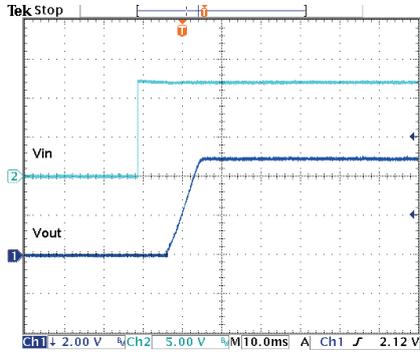


Transient Response to Dynamic Load Change (50%) -6.0 Vout

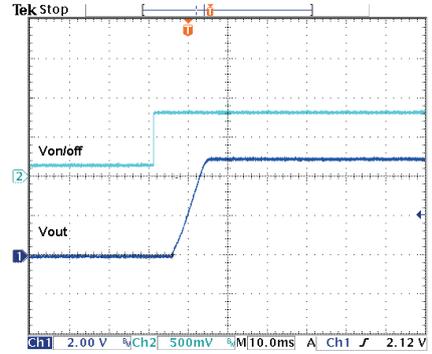


TSR 3-2450(A) (negative Output)

Typical Input Start-Up and Output Rise Characteristic

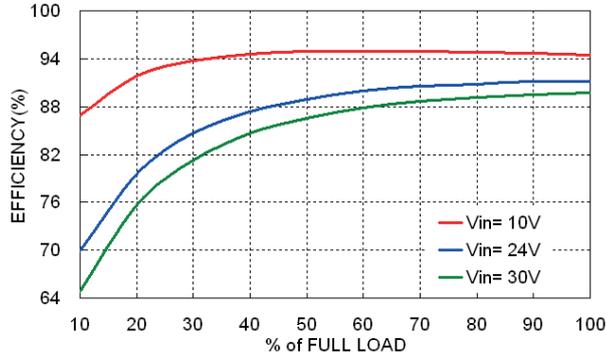


Remote on/off Voltage Start-Up Characteristic

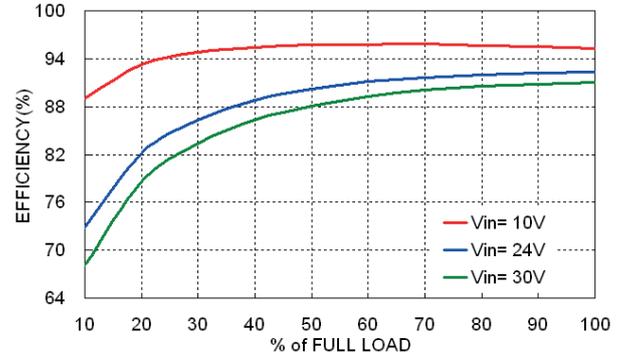


TSR 3-24150(A)

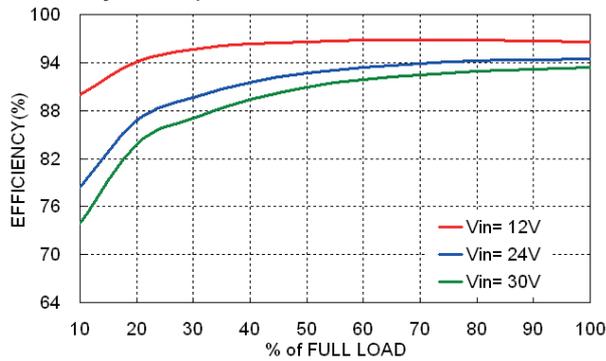
Efficiency vs Output Load, 5.0 Vout



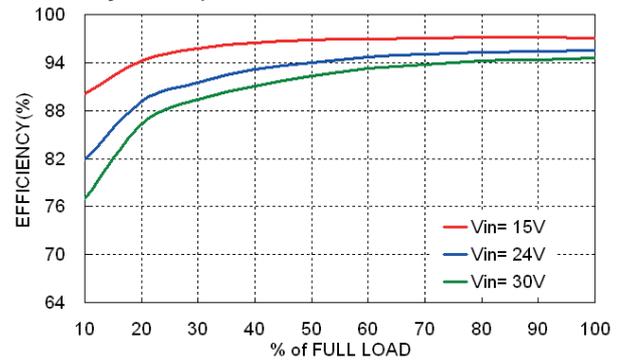
Efficiency vs Output Load, 6.0 Vout



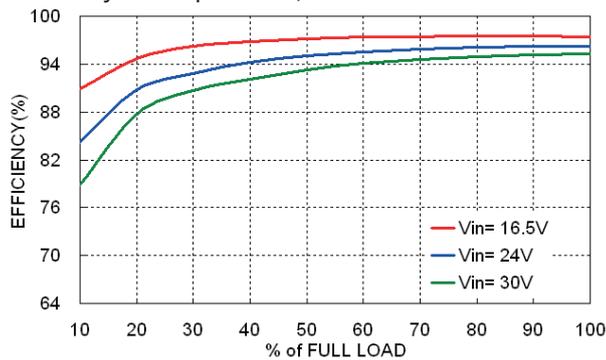
Efficiency vs Output Load, 9.0 Vout



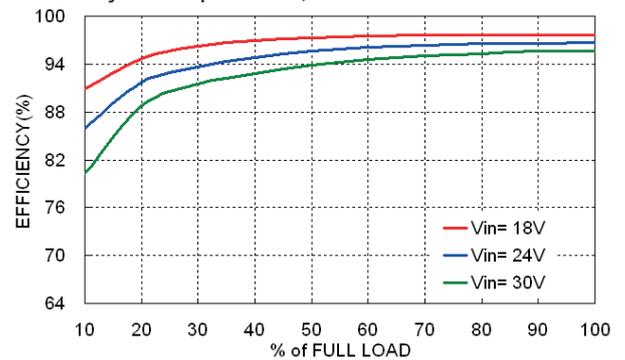
Efficiency vs Output Load, 12.0 Vout



Efficiency vs Output Load, 13.5 Vout

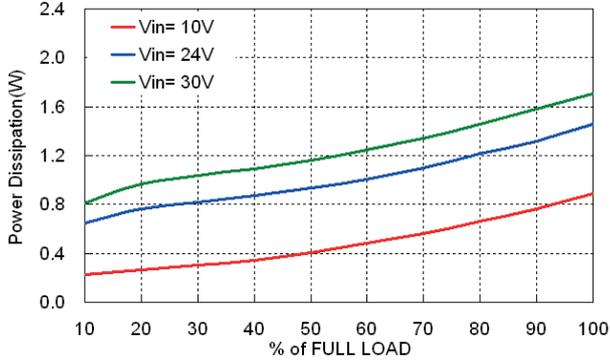


Efficiency vs Output Load, 15.0 Vout

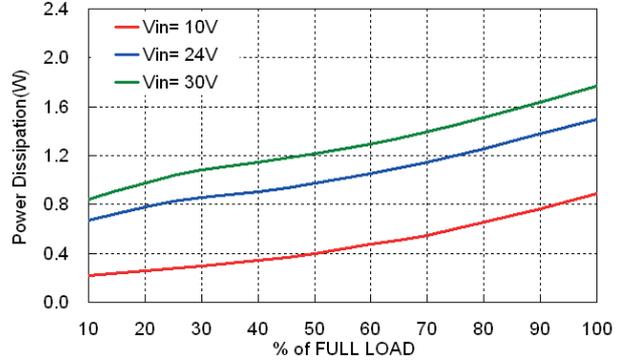


TSR 3-24150(A)

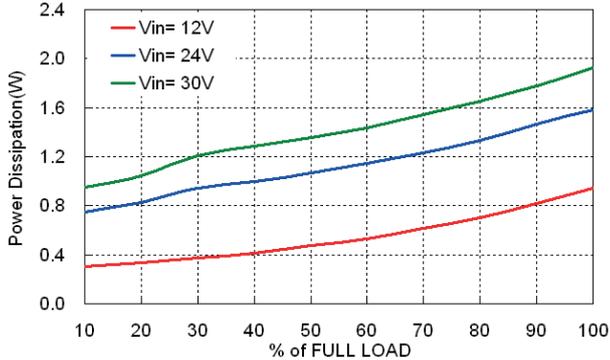
Power Dissipation vs Output Load, 5.0 Vout



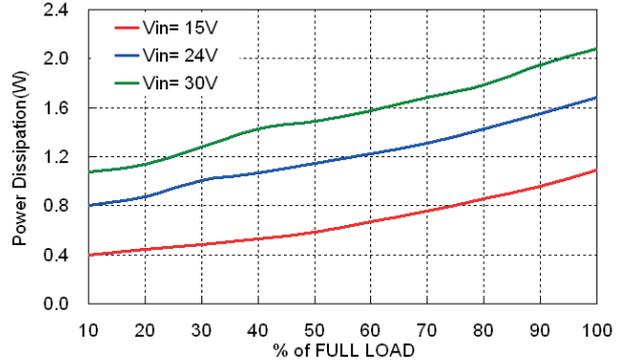
Power Dissipation vs Output Load, 6.0 Vout



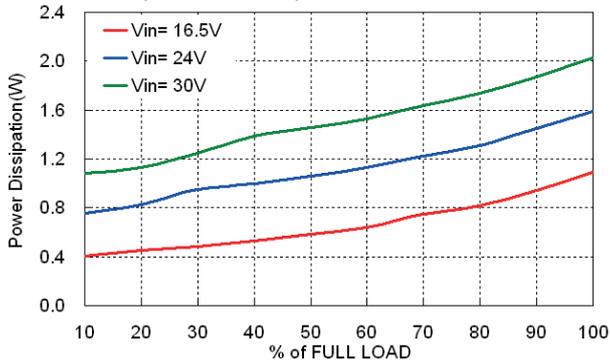
Power Dissipation vs Output Load, 9.0 Vout



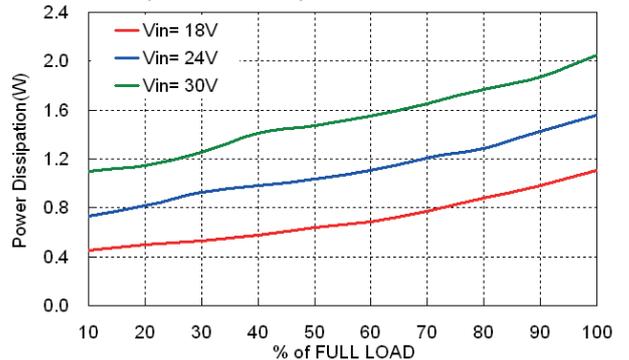
Power Dissipation vs Output Load, 12.0 Vout



Power Dissipation vs Output Load, 13.5 Vout

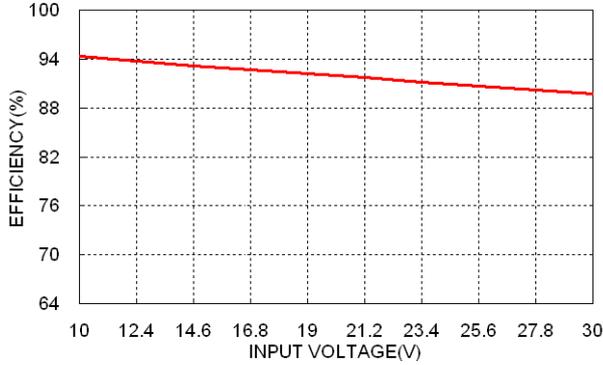


Power Dissipation vs Output Load, 15.0 Vout

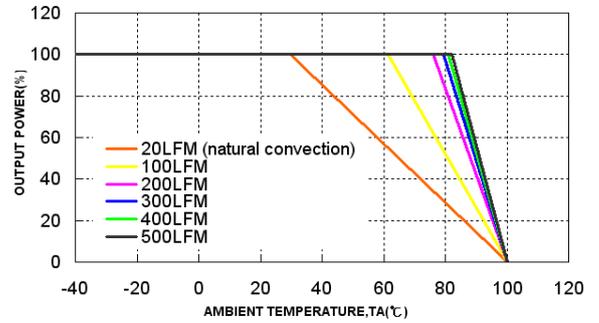


TSR 3-24150(A)

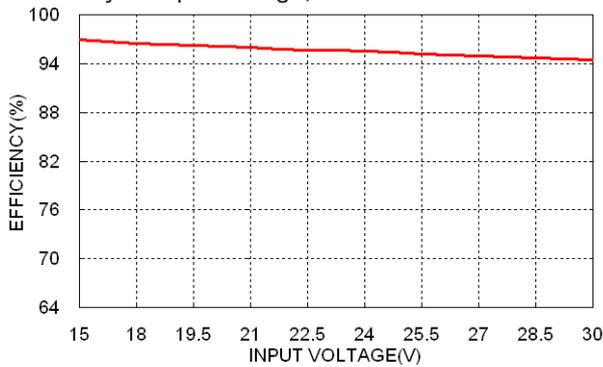
Efficiency vs Input Voltage, 5.0 Vout



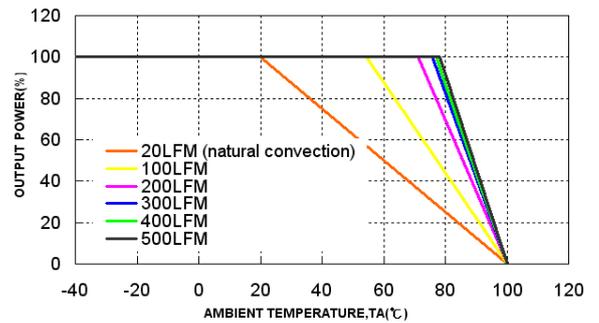
Derating Output Load vs Ambient Temperature 5.0 Vout



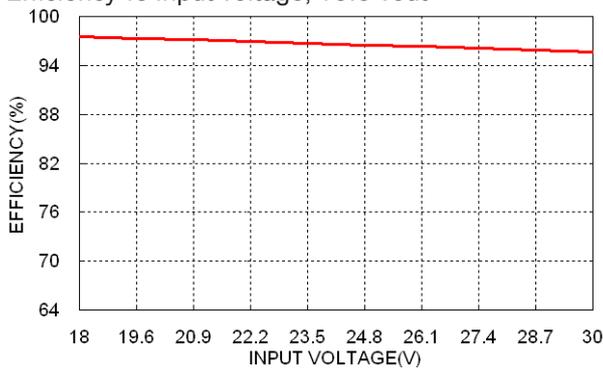
Efficiency vs Input Voltage, 12.0 Vout



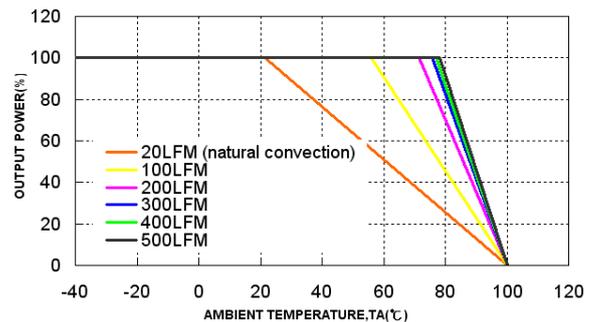
Derating Output Load vs Ambient Temperature 12.0 Vout



Efficiency vs Input Voltage, 15.0 Vout

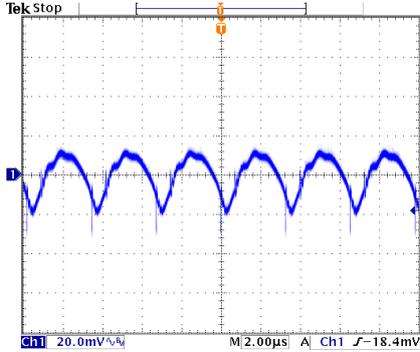


Derating Output Load vs Ambient Temperature 15.0 Vout

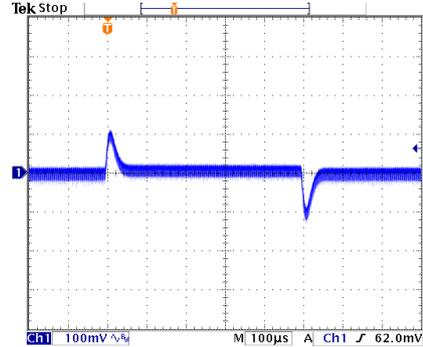


TSR 3-24150(A)

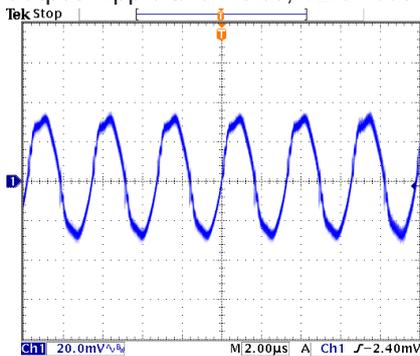
Typical Output Ripple and Noise, 5.0 Vout



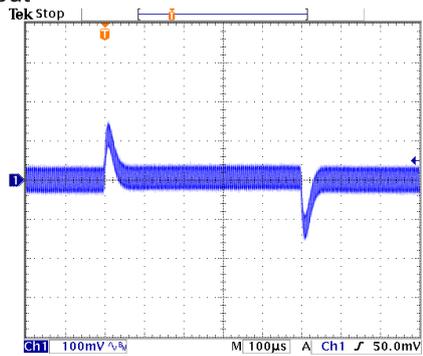
Transient Response to Dynamic Load Change (50%)
5.0 Vout



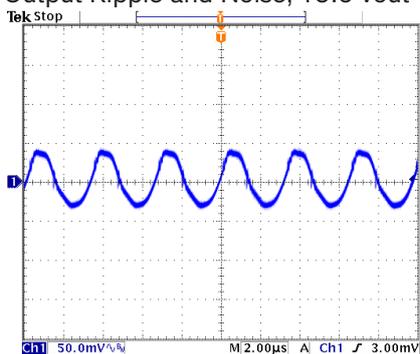
Typical Output Ripple and Noise, 12.0 Vout



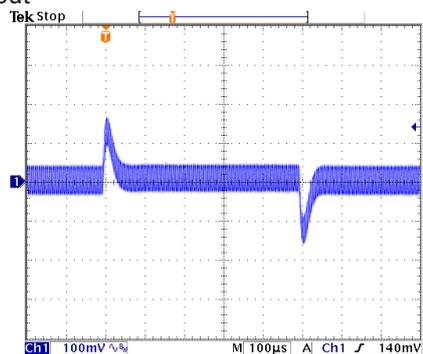
Transient Response to Dynamic Load Change (50%)
12.0 Vout



Typical Output Ripple and Noise, 15.0 Vout

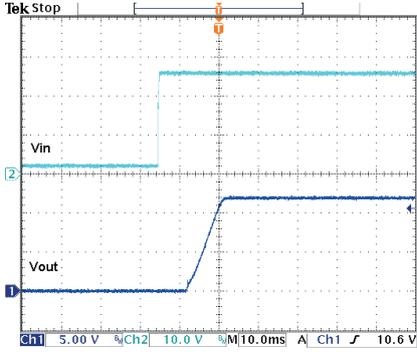


Transient Response to Dynamic Load Change (50%)
15.0 Vout

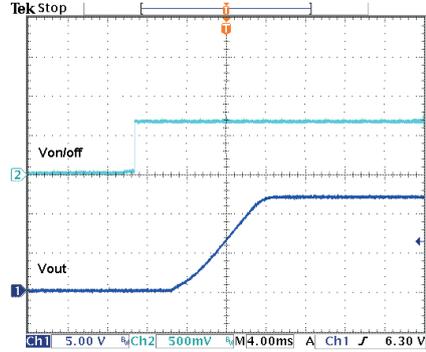


TSR 3-24150(A)

Typical Input Start-Up and Output Rise Characteristic

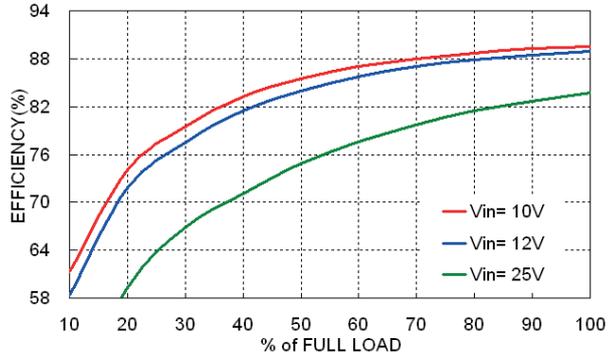


Remote on/off Voltage Start-Up Characteristic

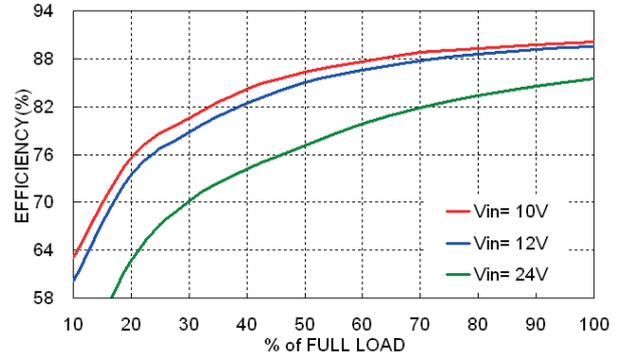


TSR 3-24150(A) (negative Output)

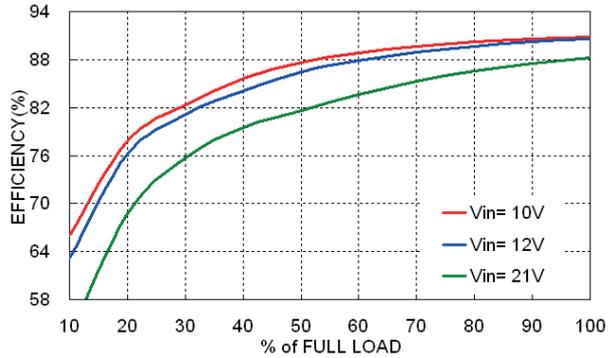
Efficiency vs Output Load, -5.0 Vout



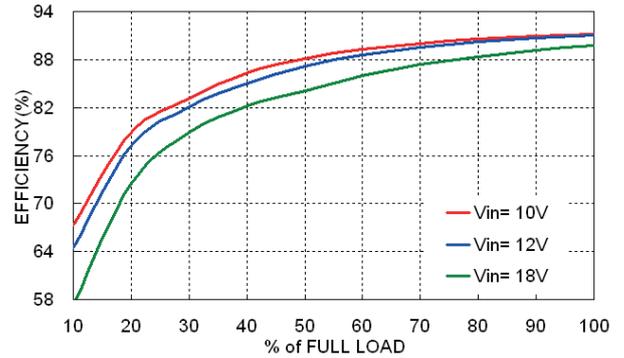
Efficiency vs Output Load, -6.0 Vout



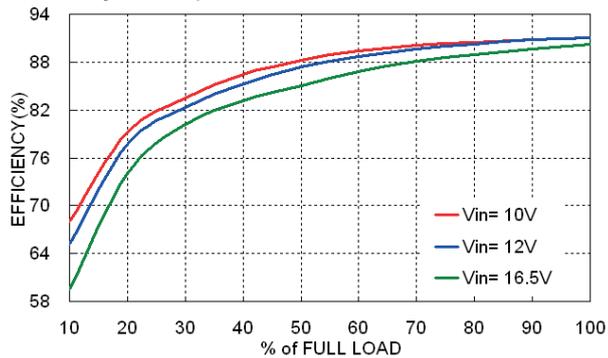
Efficiency vs Output Load, -9.0 Vout



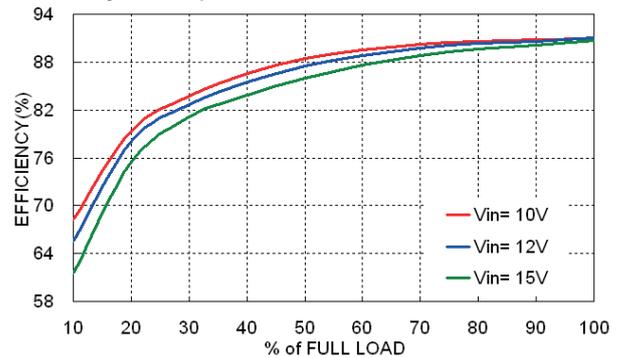
Efficiency vs Output Load, -12.0 Vout



Efficiency vs Output Load, -13.5 Vout

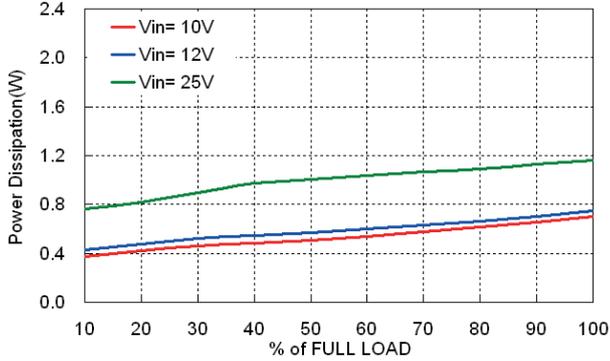


Efficiency vs Output Load, -15.0 Vout

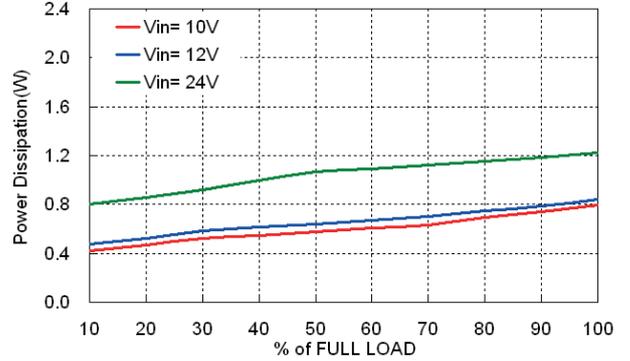


TSR 3-24150(A) (negative Output)

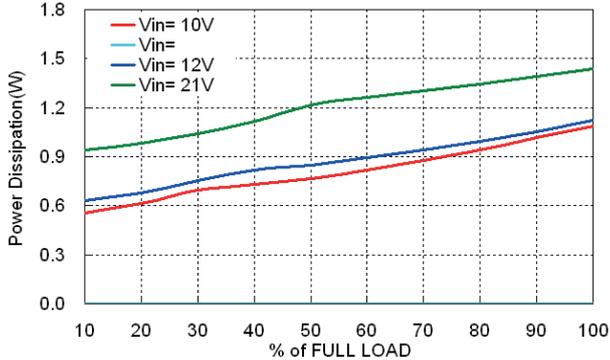
Power Dissipation vs Output Load, -5.0 Vout



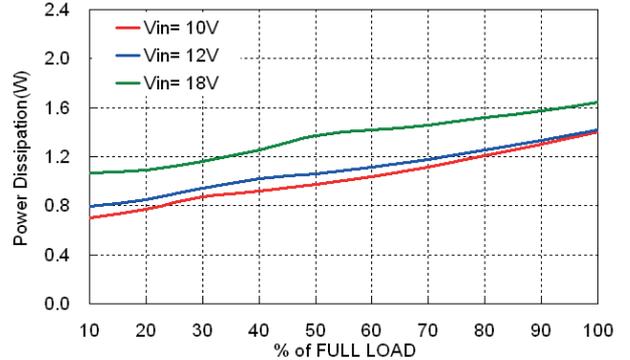
Power Dissipation vs Output Load, -6.0 Vout



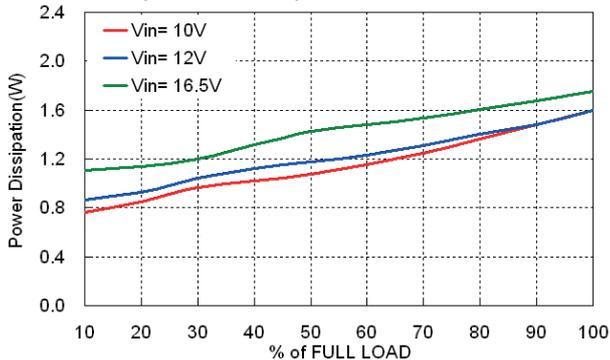
Power Dissipation vs Output Load, -9.0 Vout



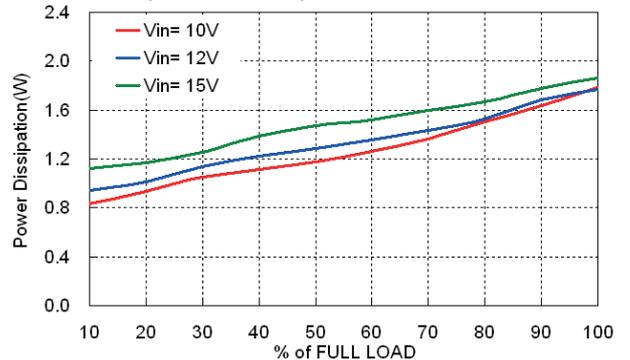
Power Dissipation vs Output Load, -12.0 Vout



Power Dissipation vs Output Load, -13.5 Vout

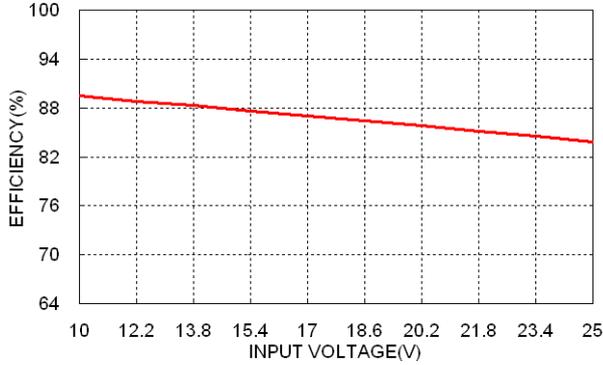


Power Dissipation vs Output Load, -15.0 Vout

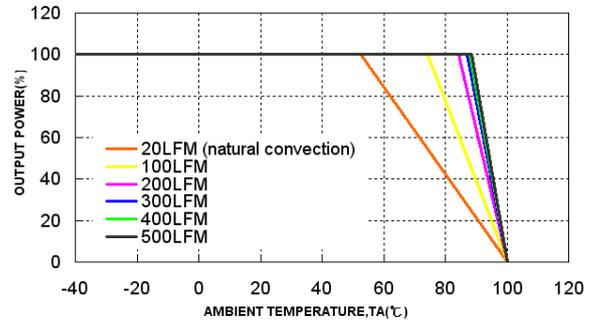


TSR 3-24150(A) (negative Output)

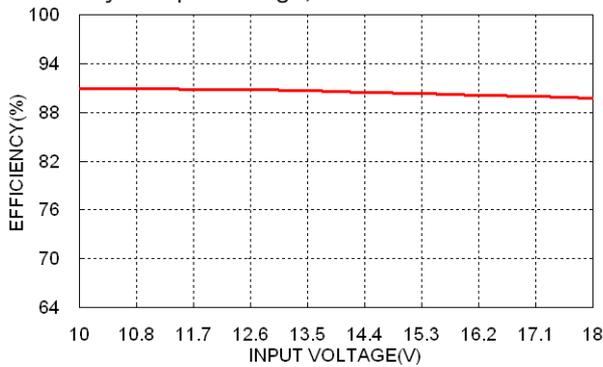
Efficiency vs Input Voltage, -5.0 Vout



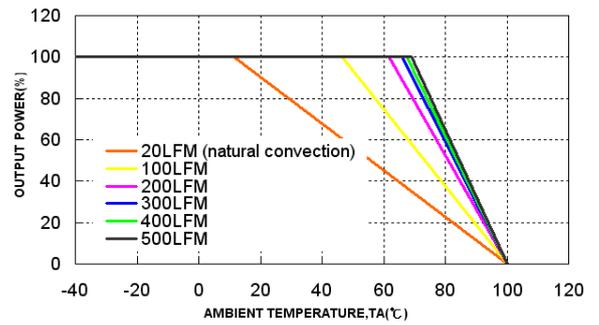
Derating Output Load vs Ambient Temperature -5.0 Vout



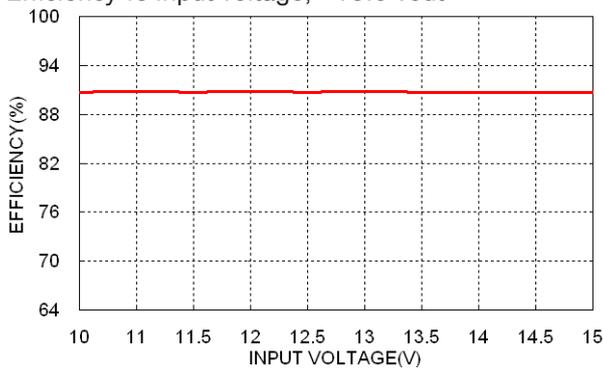
Efficiency vs Input Voltage, -12.0 Vout



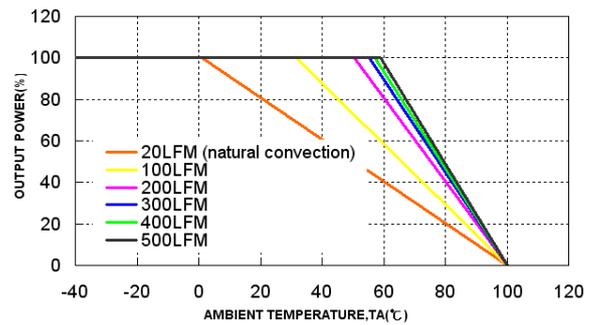
Derating Output Load vs Ambient Temperature -12.0 Vout



Efficiency vs Input Voltage, -15.0 Vout

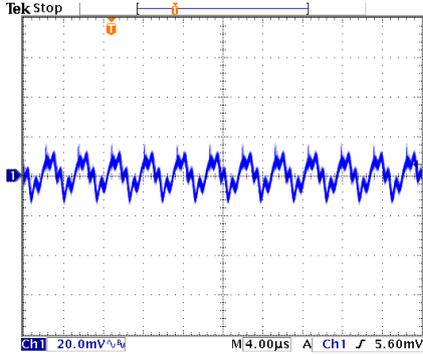


Derating Output Load vs Ambient Temperature -15.0 Vout

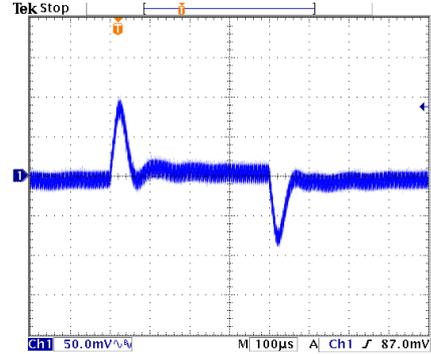


TSR 3-24150(A) (negative Output)

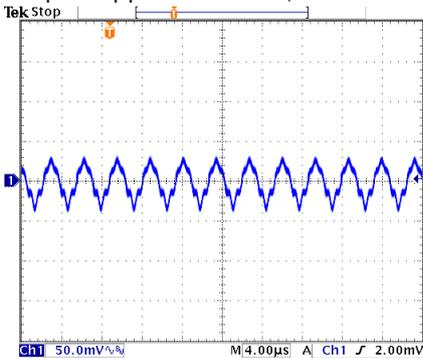
Typical Output Ripple and Noise, -5.0 Vout



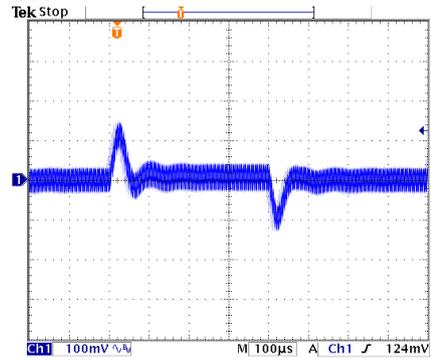
Transient Response to Dynamic Load Change (50%)
-5.0 Vout



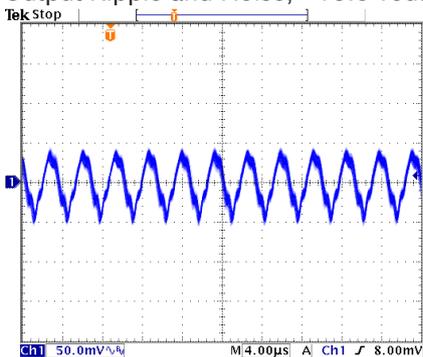
Typical Output Ripple and Noise, -12.0 Vout



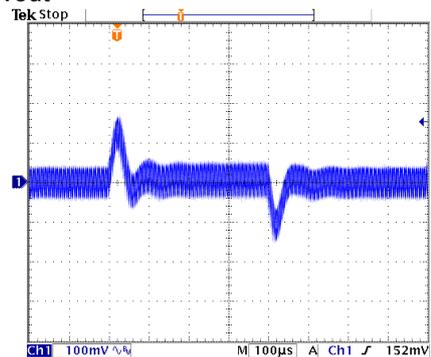
Transient Response to Dynamic Load Change (50%)
-12.0 Vout



Typical Output Ripple and Noise, -15.0 Vout

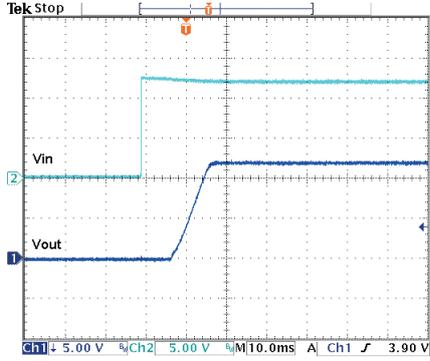


Transient Response to Dynamic Load Change (50%)
-15.0 Vout



TSR 3-24150(A) (negative Output)

Typical Input Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic

