## Characteristic Curves
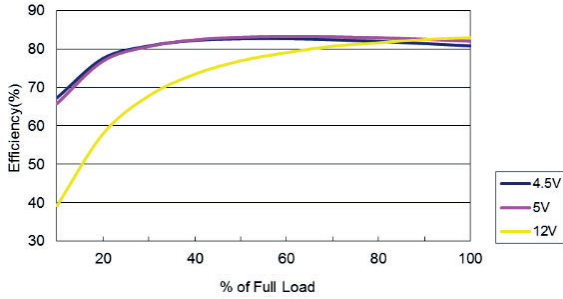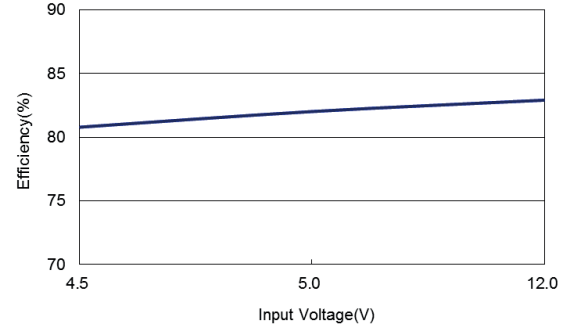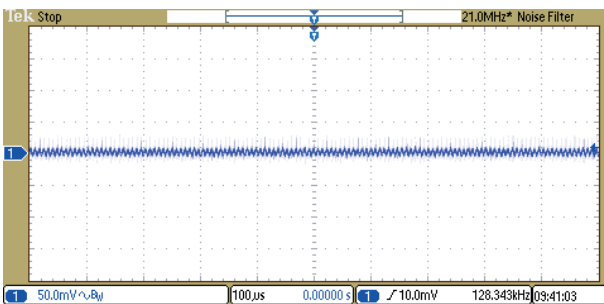
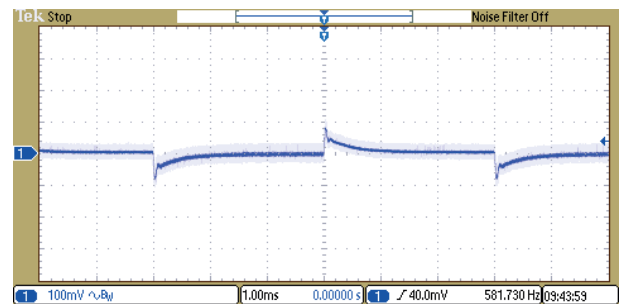### TMR 3-0511WISM

Efficiency versus Output Load



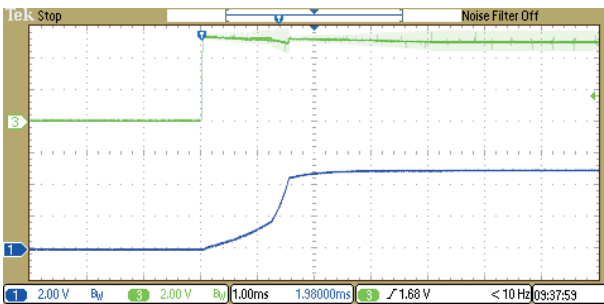Efficiency versus Input Voltage



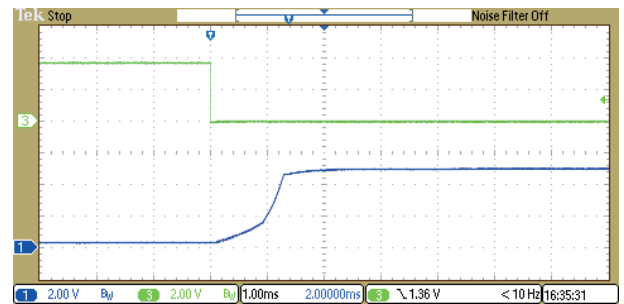Typical Output Ripple and Noise



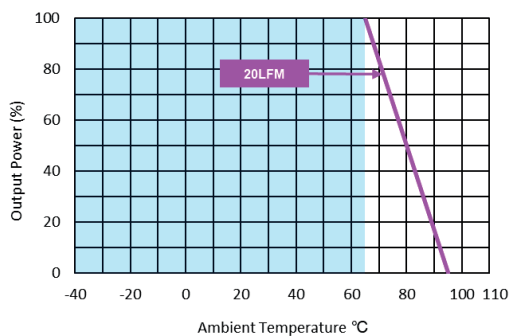Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



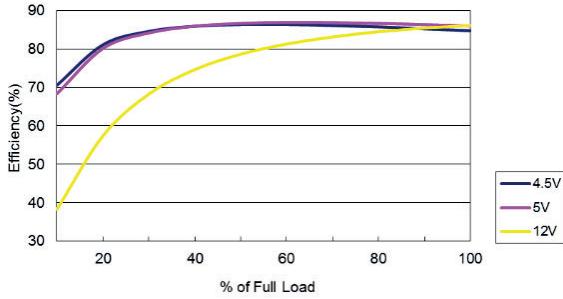Remote on/off Voltage Start-Up Characteristic
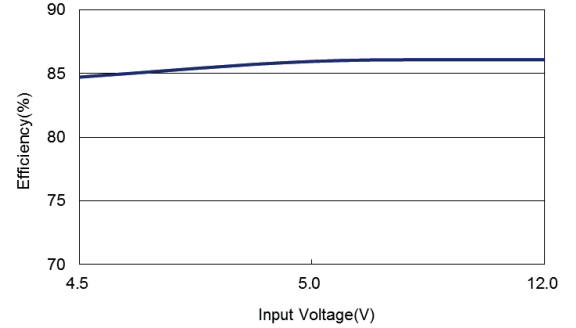


Derating Output versus Ambient Temperature

## TMR 3-0512WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature
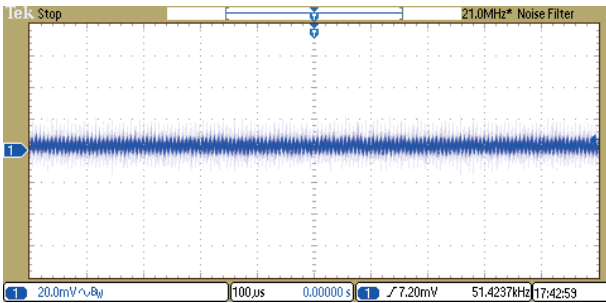
**III TRACO POWER**
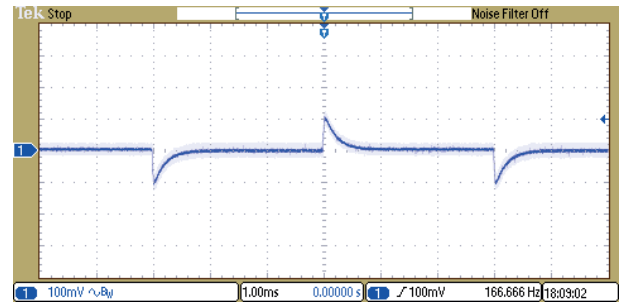
## TMR 3-0513WISM

Efficiency versus Output Load



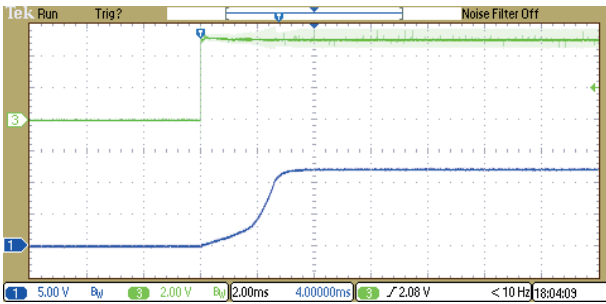Efficiency versus Input Voltage



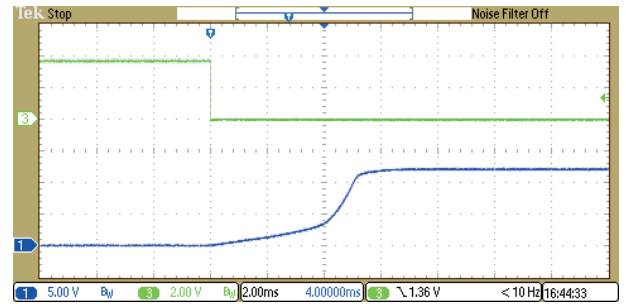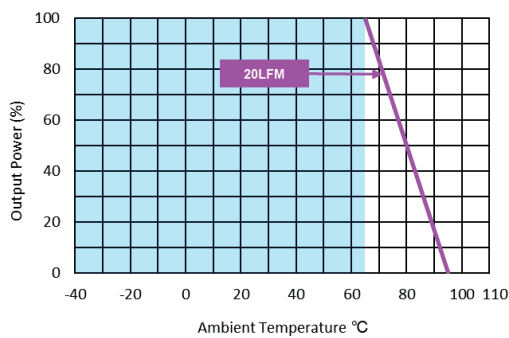Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



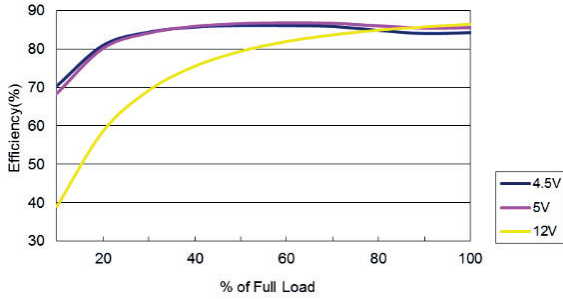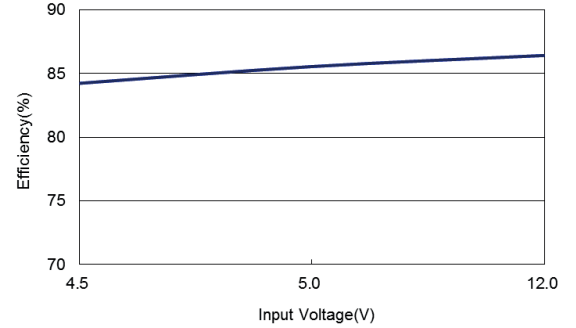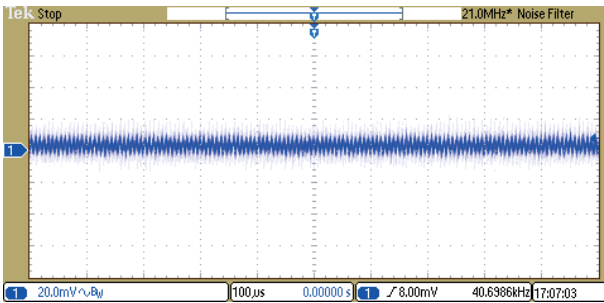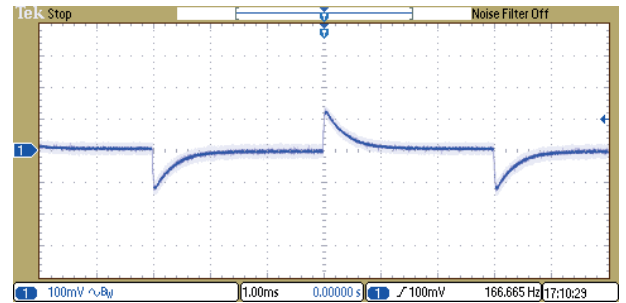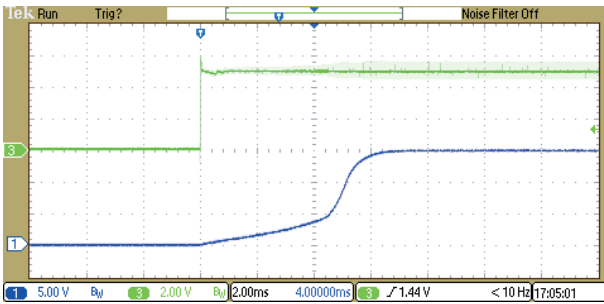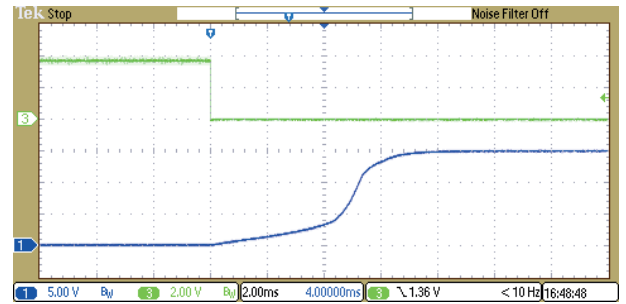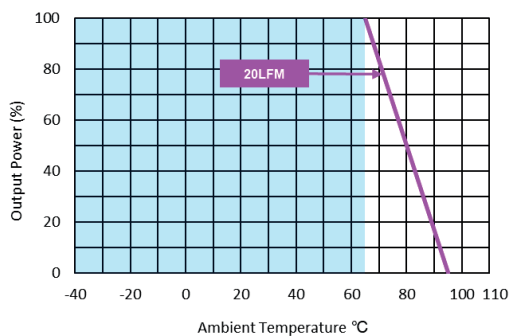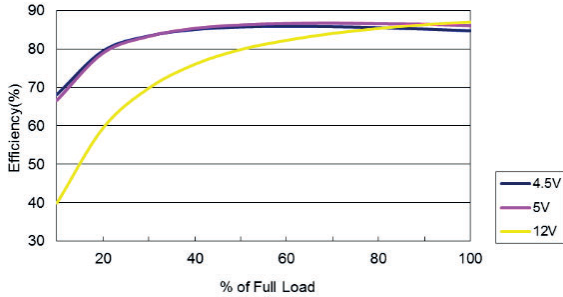Remote on/off Voltage Start-Up Characteristic



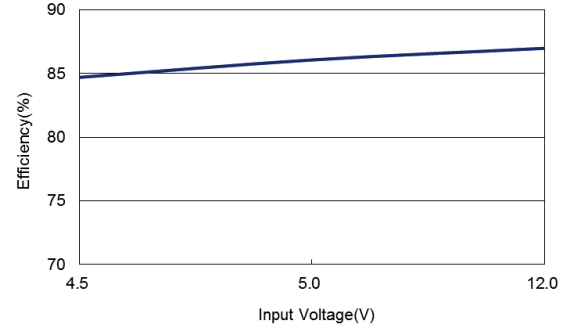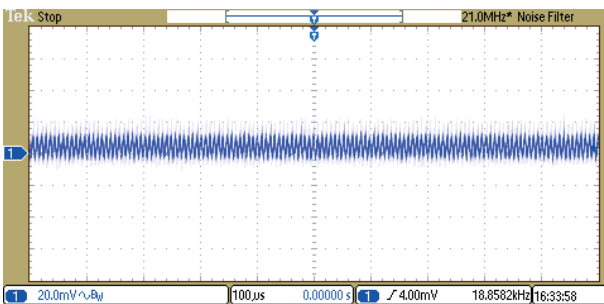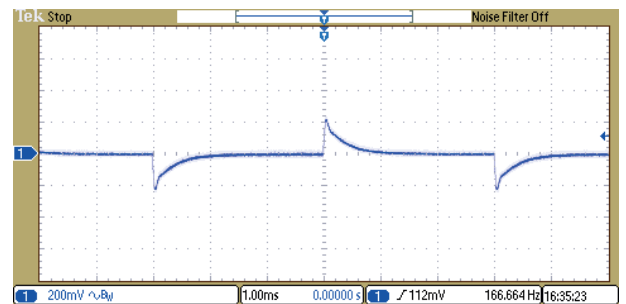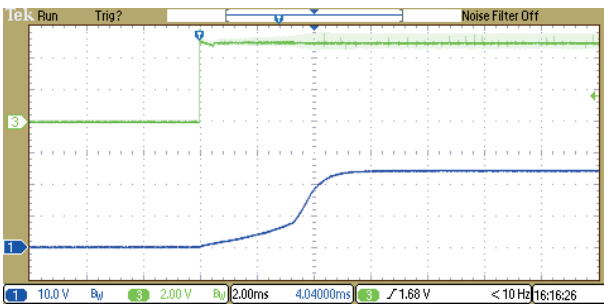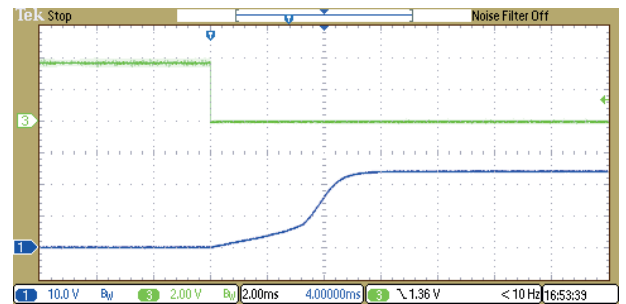Derating Output versus Ambient Temperature

**II TRACO POWER**

## TMR 3-0515WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



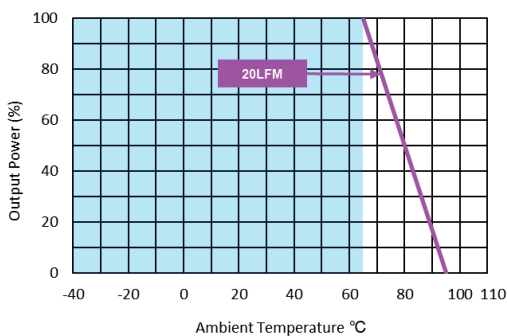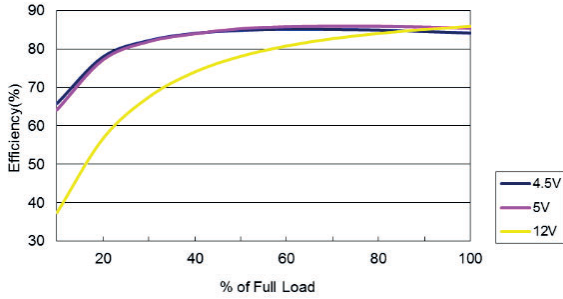### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

## TMR 3-0522WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic
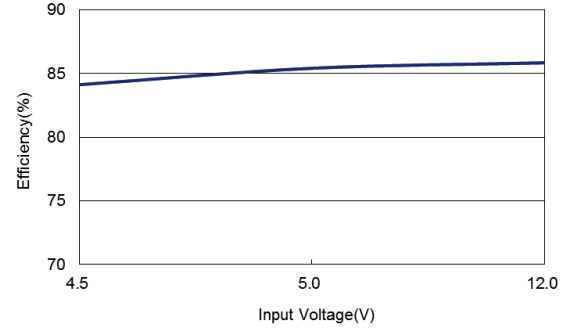


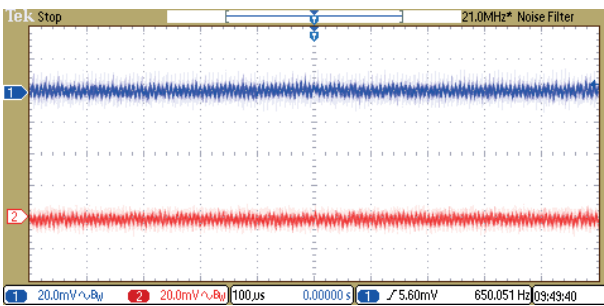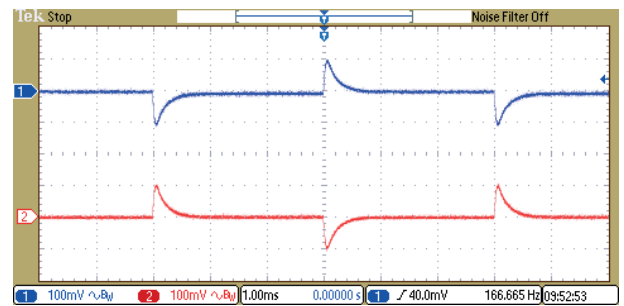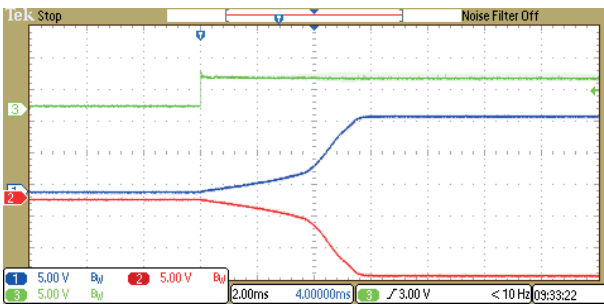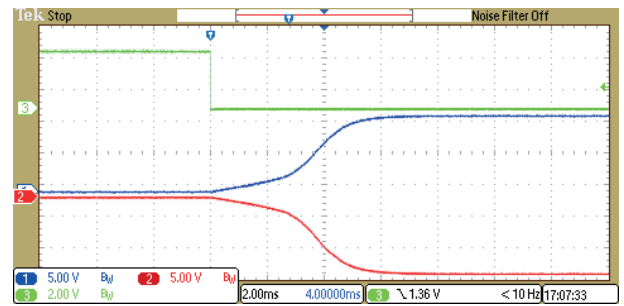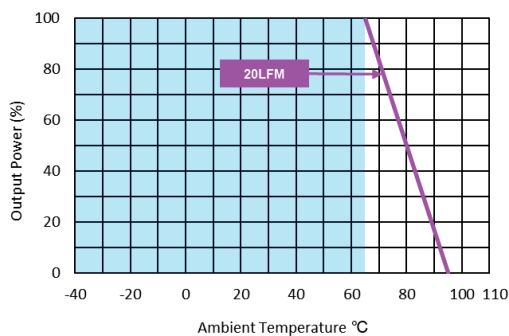### Derating Output versus Ambient Temperature

## TMR 3-0523WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic
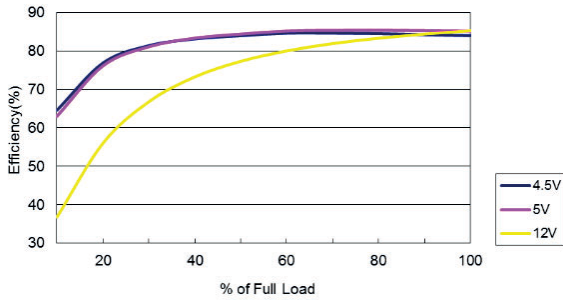


### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

**TRACO POWER**

## TMR 3-2411WISM

Efficiency versus Output Load



Efficiency versus Input Voltage



Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



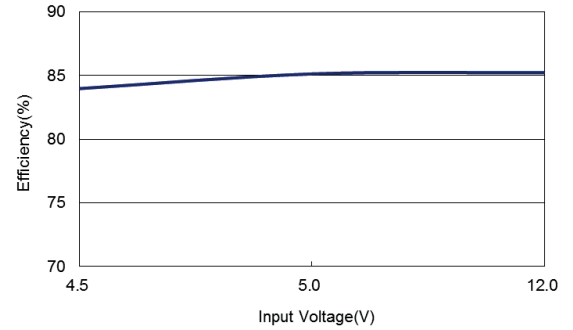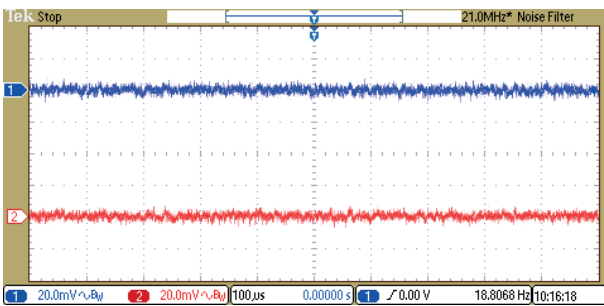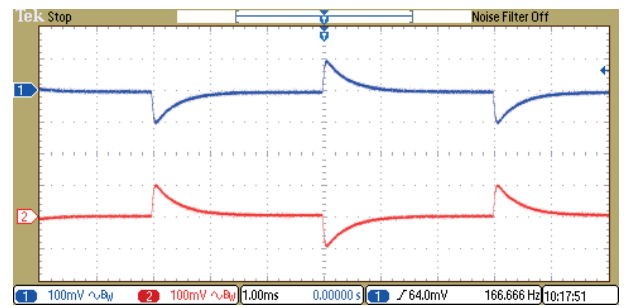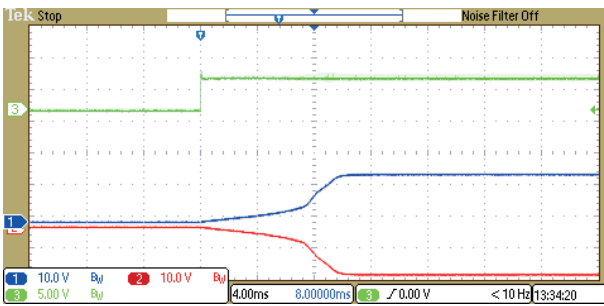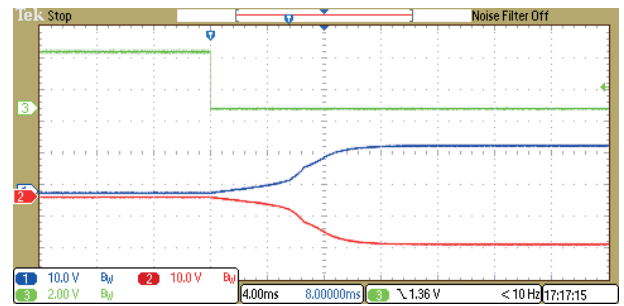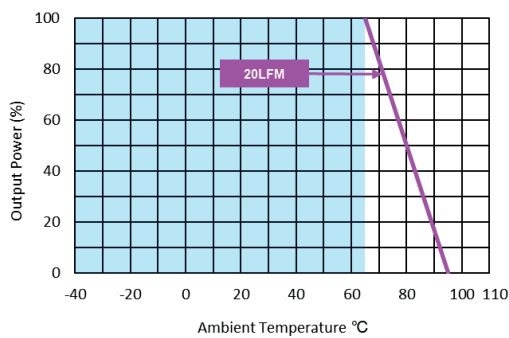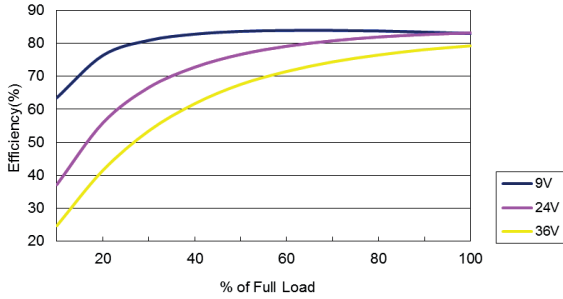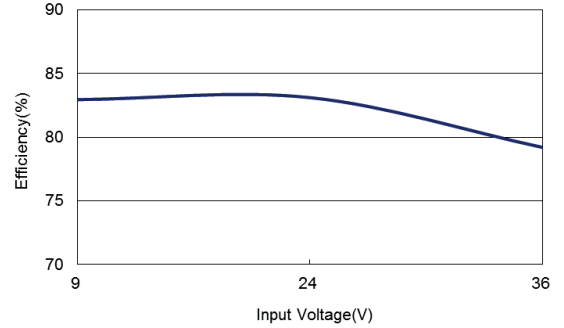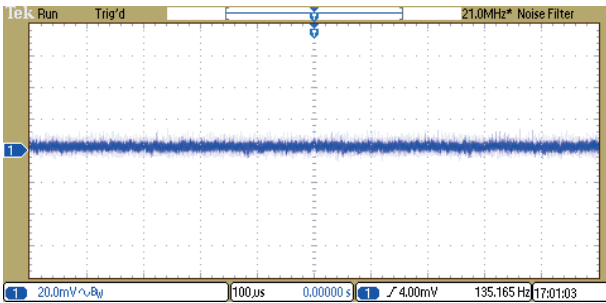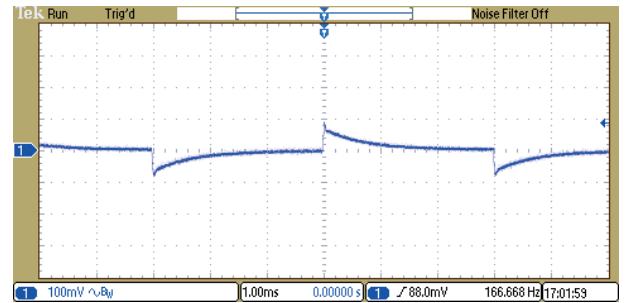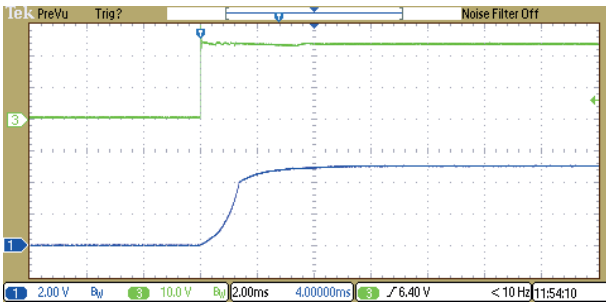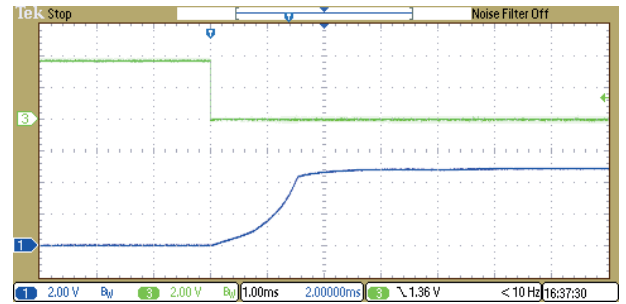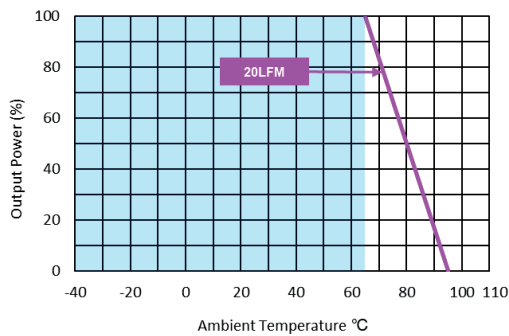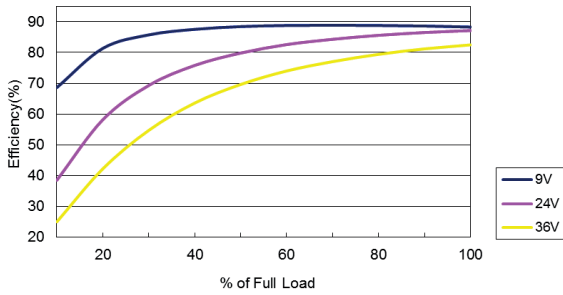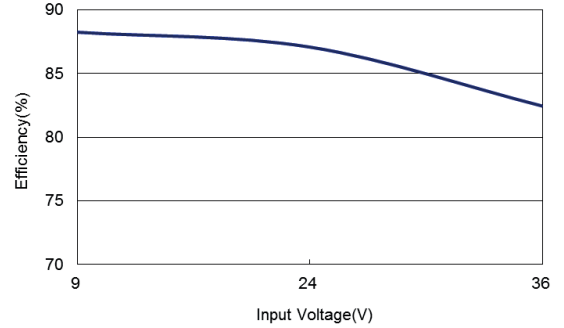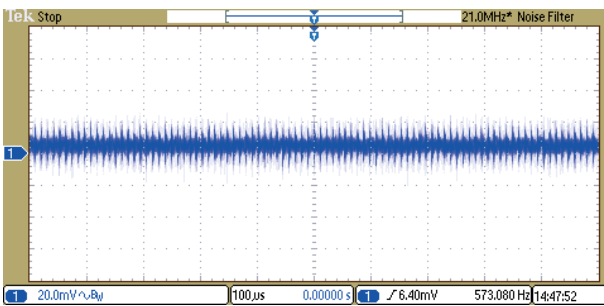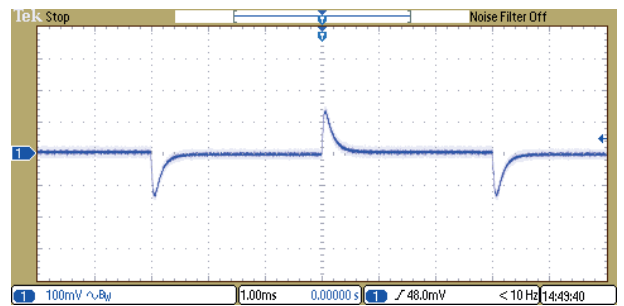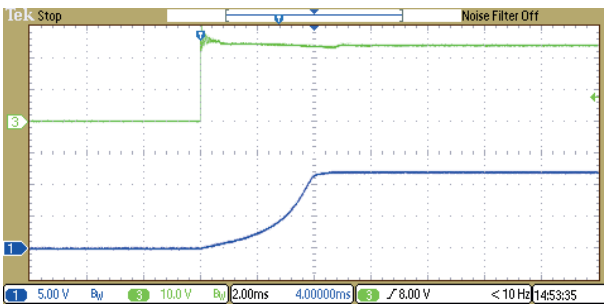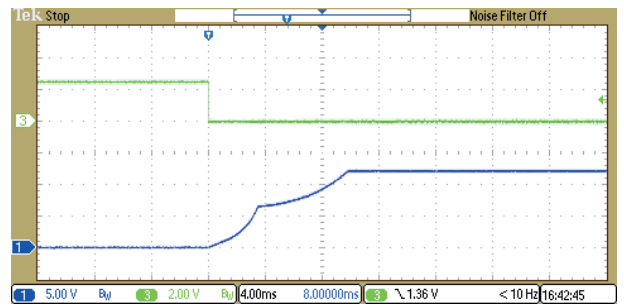Derating Output versus Ambient Temperature

## TMR 3-2412WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



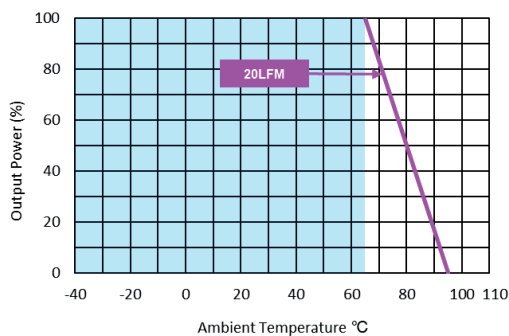### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

**III TRACO POWER**

## TMR 3-2413WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

**III TRACO POWER**

### TMR 3-2415WISM

Efficiency versus Output Load



Efficiency versus Input Voltage



Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic
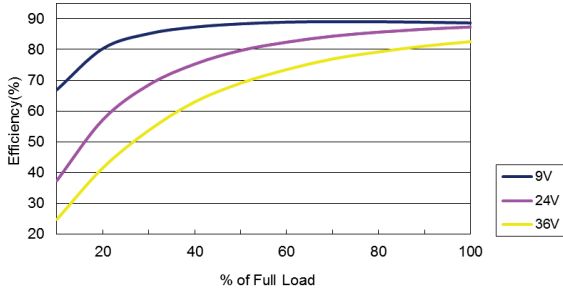


Remote on/off Voltage Start-Up Characteristic



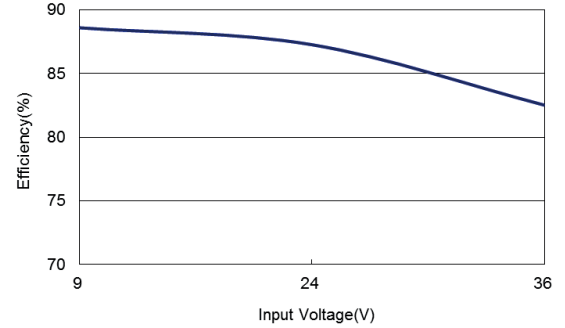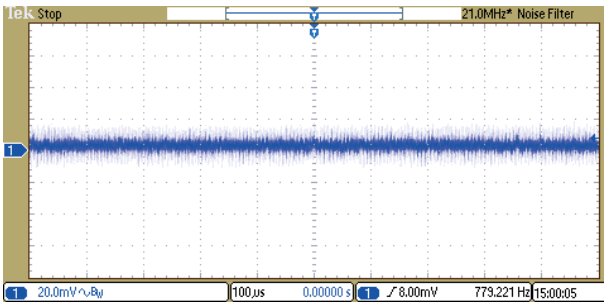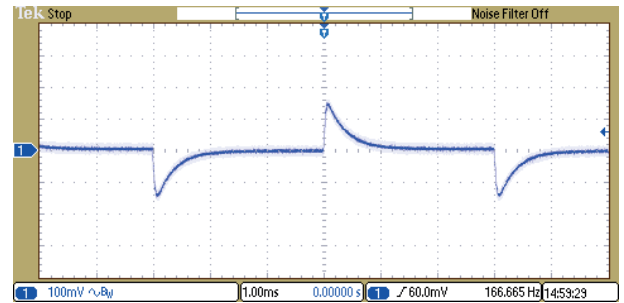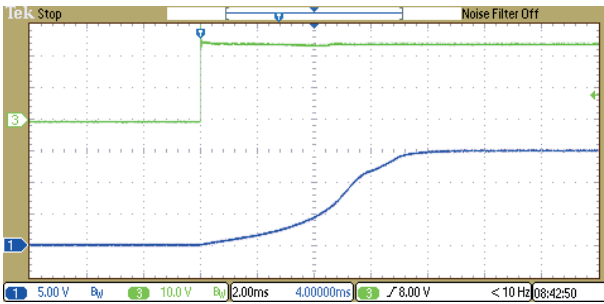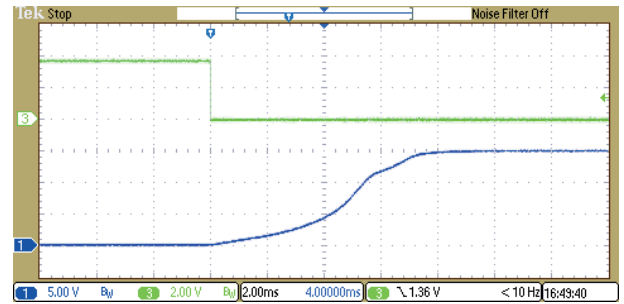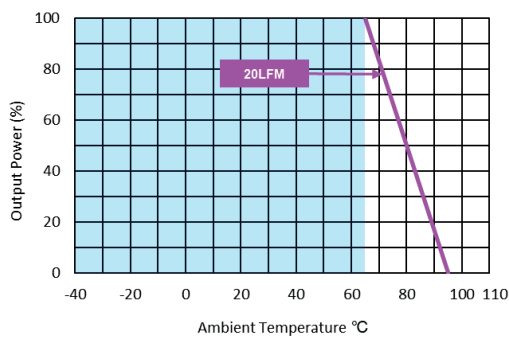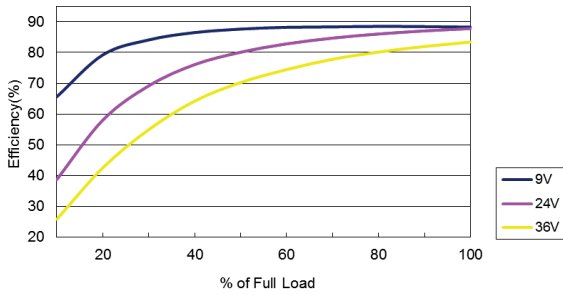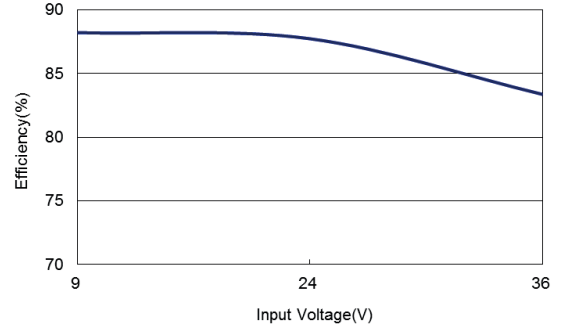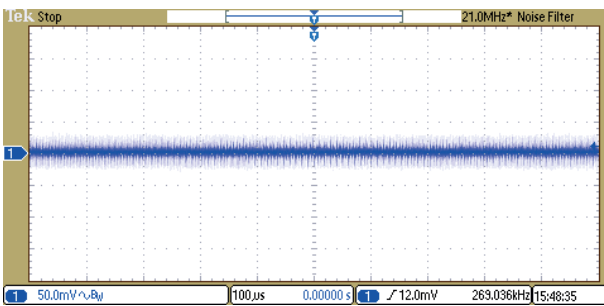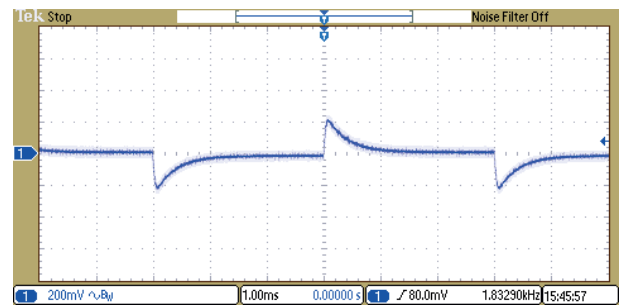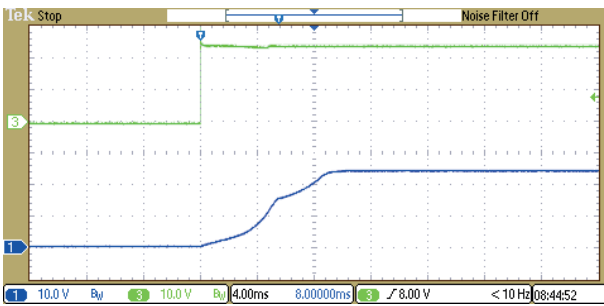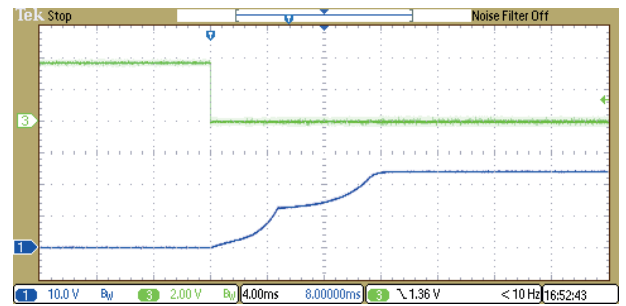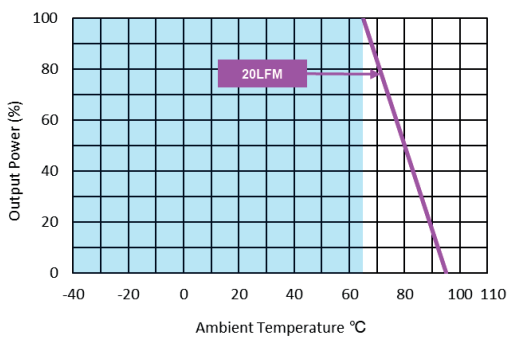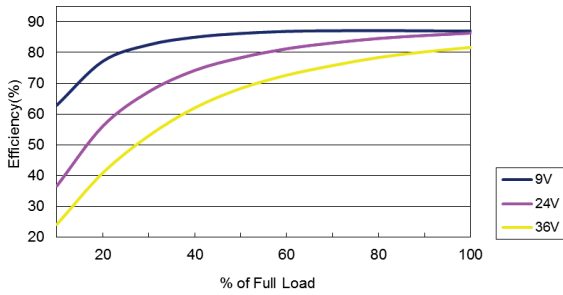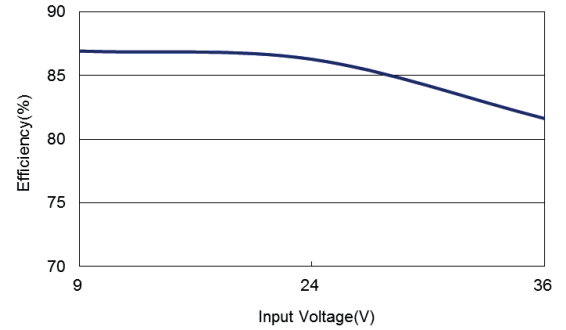Derating Output versus Ambient Temperature

## TMR 3-2422WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



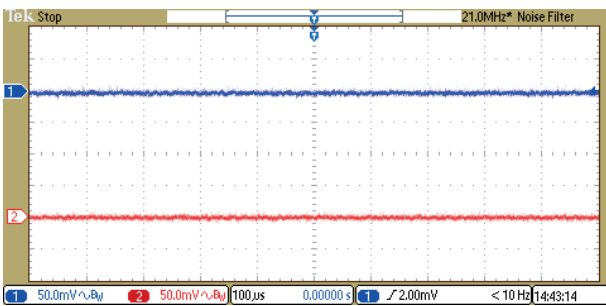### Derating Output versus Ambient Temperature

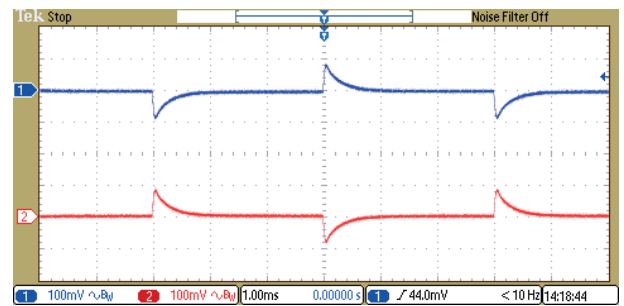## TMR 3-2423WISM

Efficiency versus Output Load



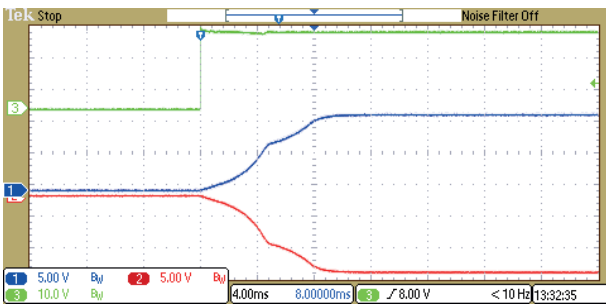Efficiency versus Input Voltage



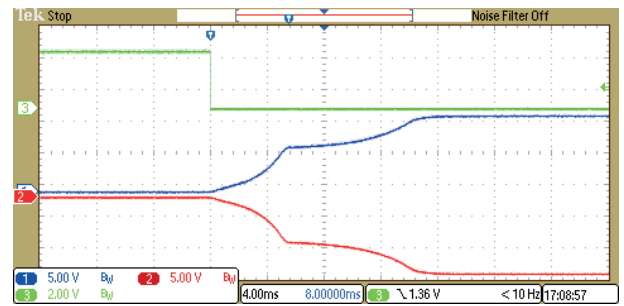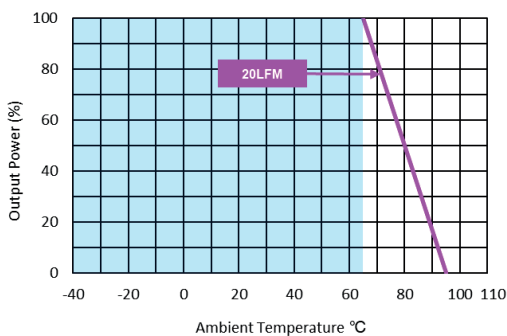Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



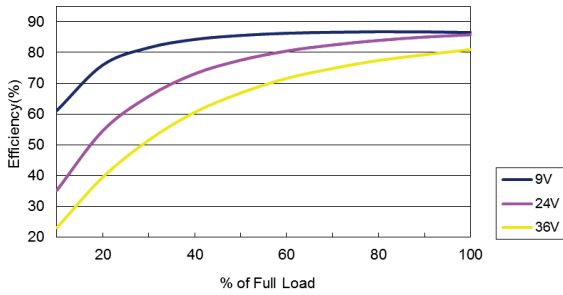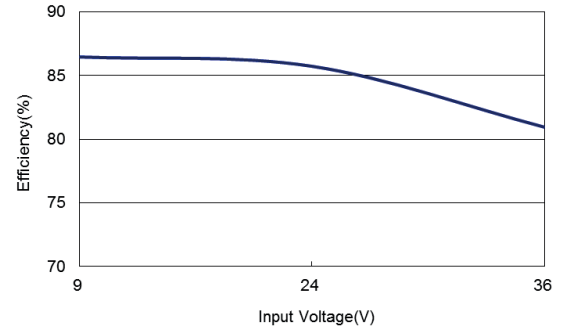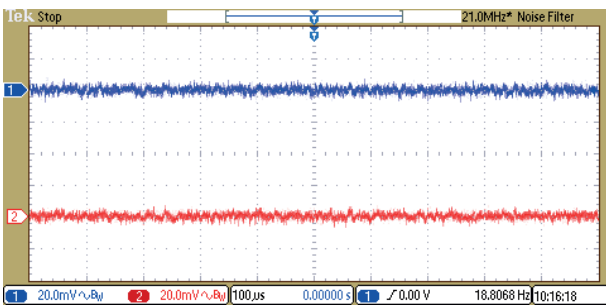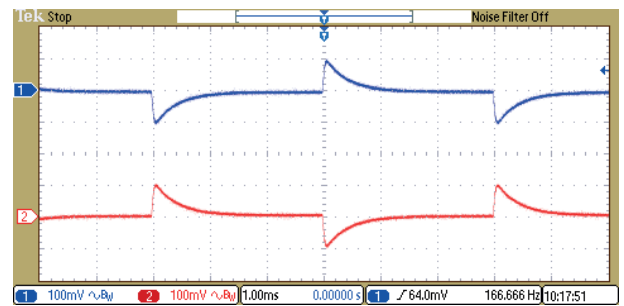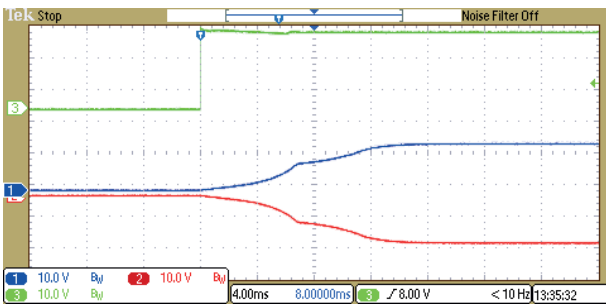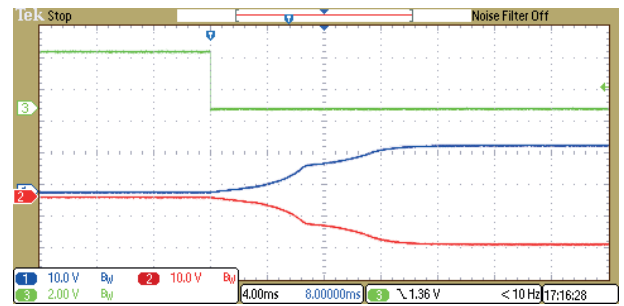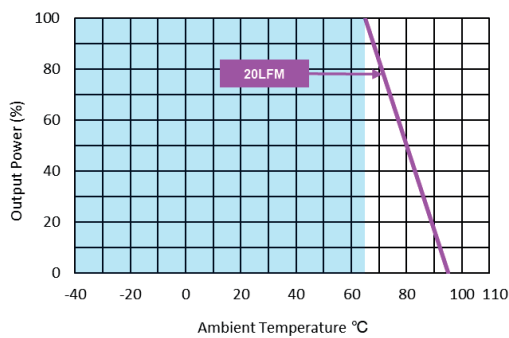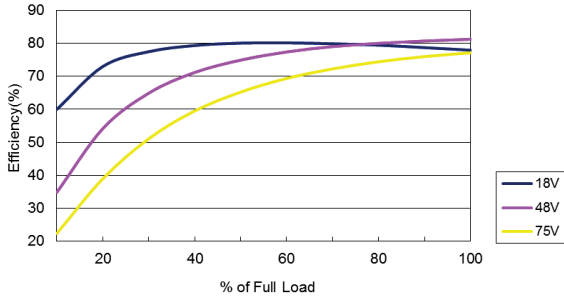Remote on/off Voltage Start-Up Characteristic



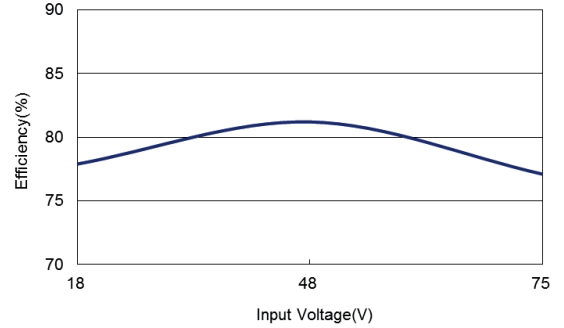Derating Output versus Ambient Temperature

## TMR 3-4811WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



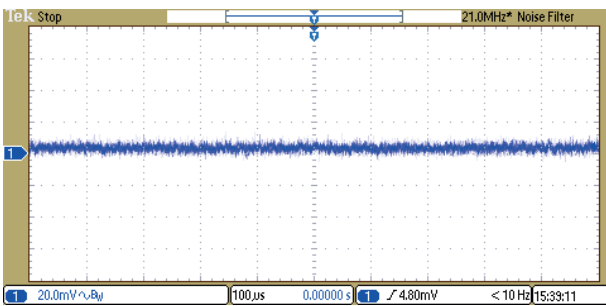### Derating Output versus Ambient Temperature

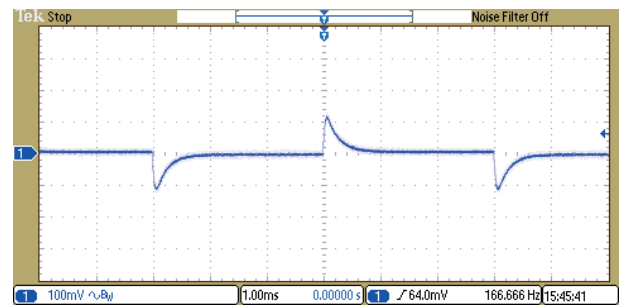## TMR 3-4812WISM

Efficiency versus Output Load



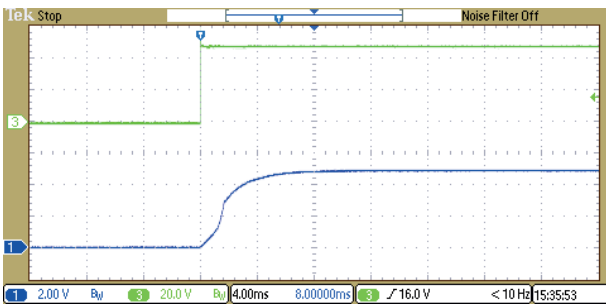Efficiency versus Input Voltage



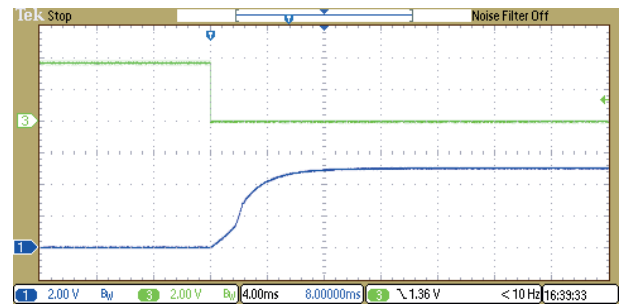Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)
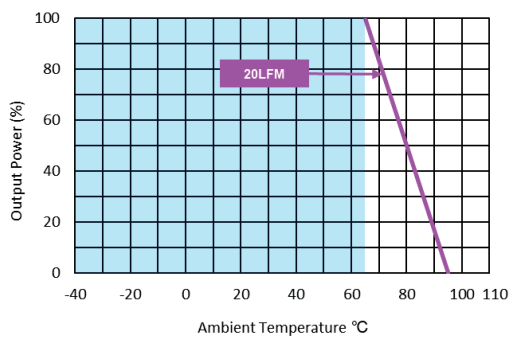


Typical Input Start-Up and Output Rise Characteristic



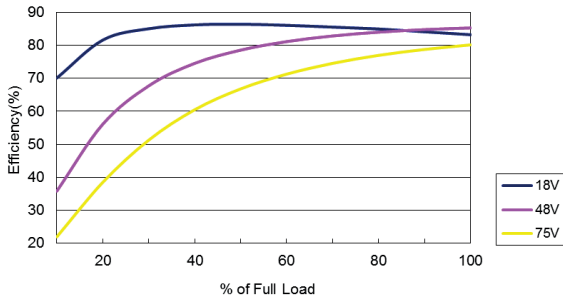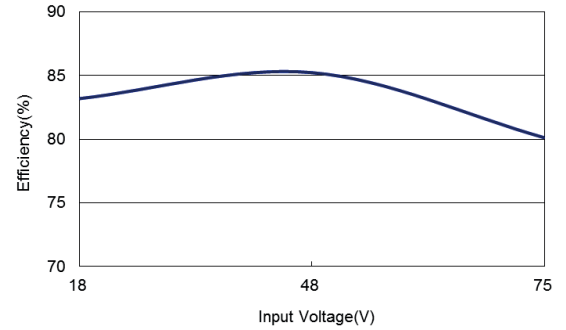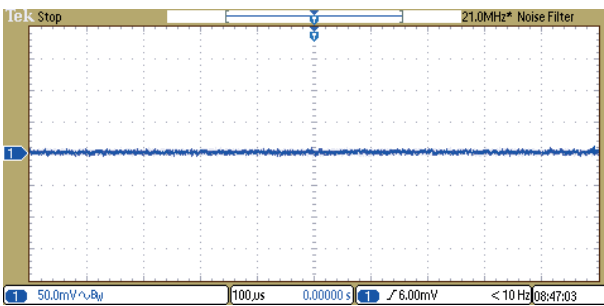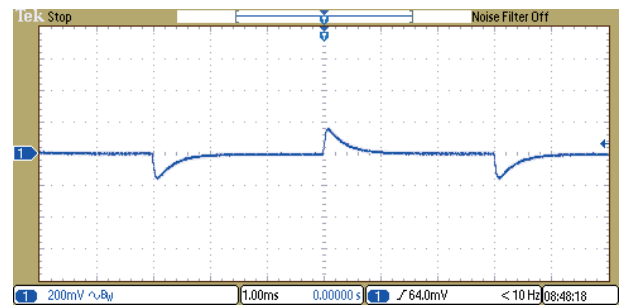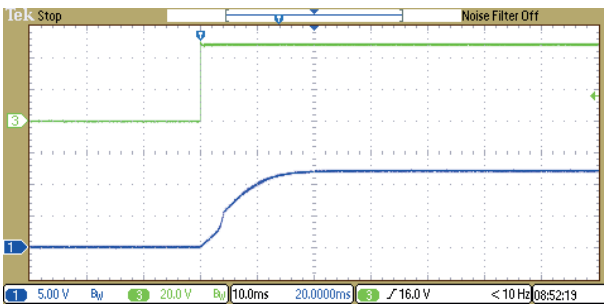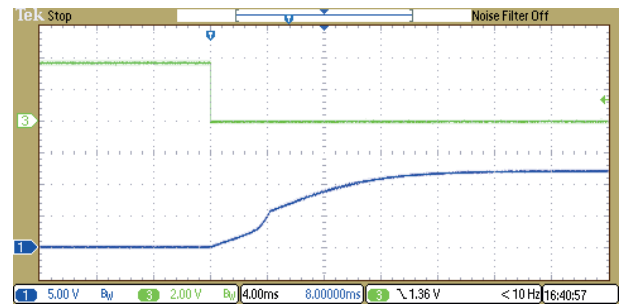Remote on/off Voltage Start-Up Characteristic



Derating Output versus Ambient Temperature

**III TRACO POWER**

## TMR 3-4813WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



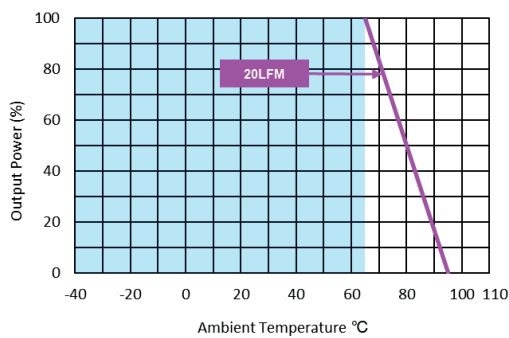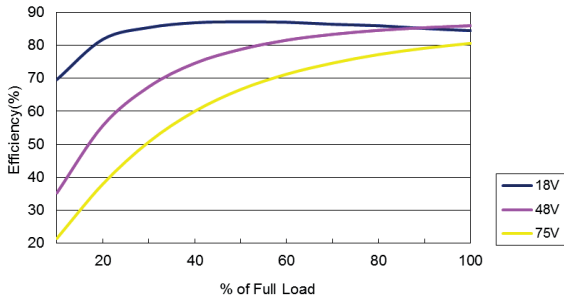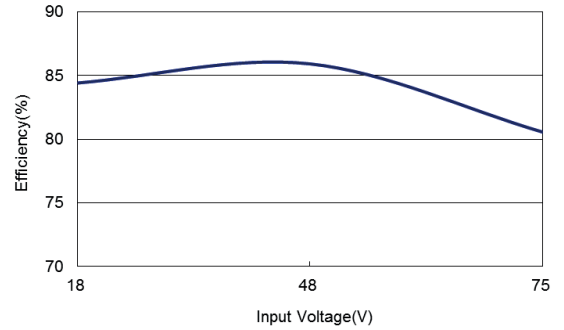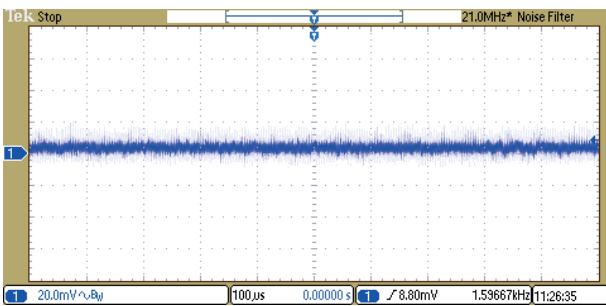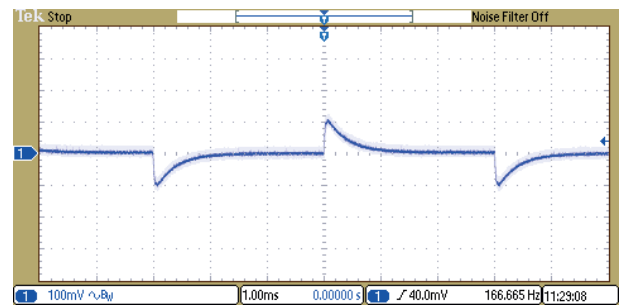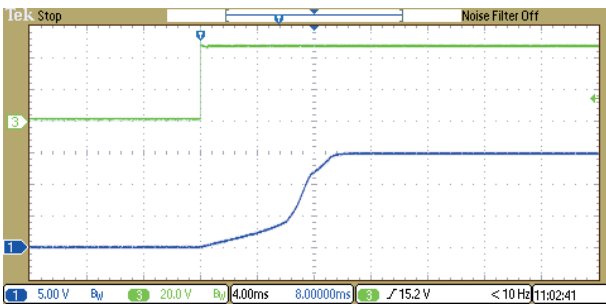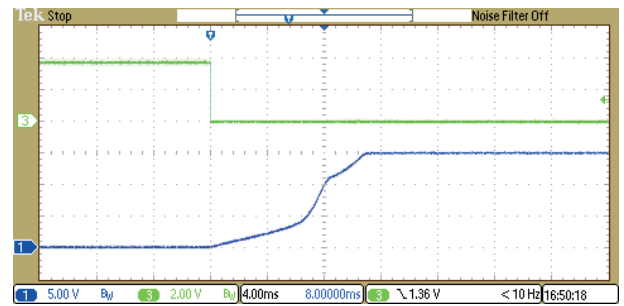### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

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## TMR 3-4815WISM

### Efficiency versus Output Load



### Efficiency versus Input Voltage



### Typical Output Ripple and Noise



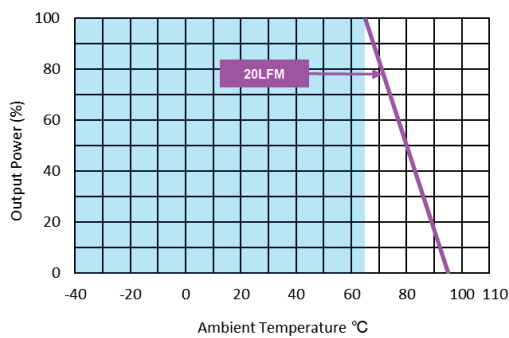### Transient Response to Dynamic Load Change (25%)



### Typical Input Start-Up and Output Rise Characteristic



### Remote on/off Voltage Start-Up Characteristic



### Derating Output versus Ambient Temperature

**TRACO POWER**

### TMR 3-4822WISM

Efficiency versus Output Load



Efficiency versus Input Voltage



Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



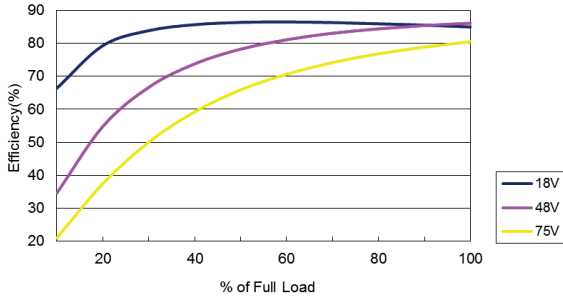Remote on/off Voltage Start-Up Characteristic
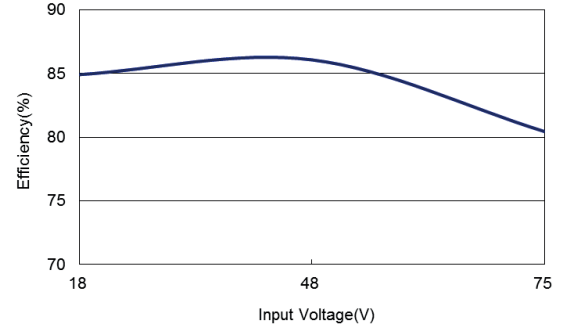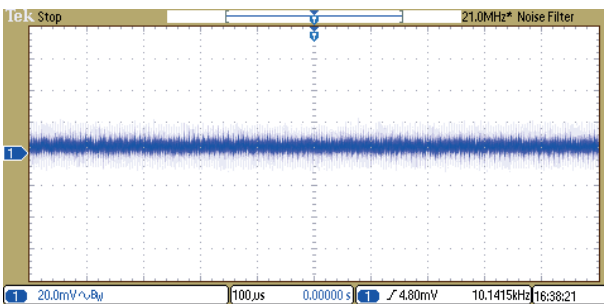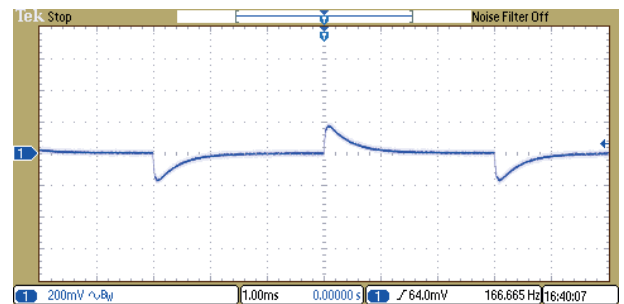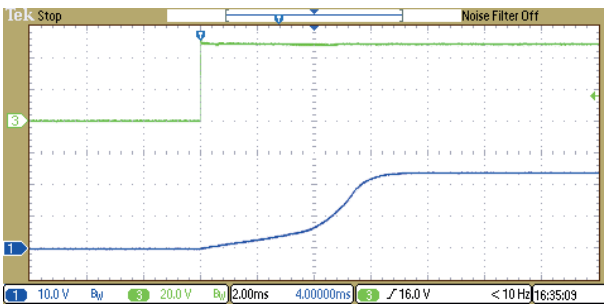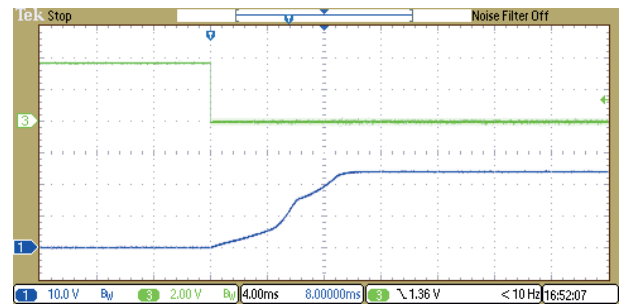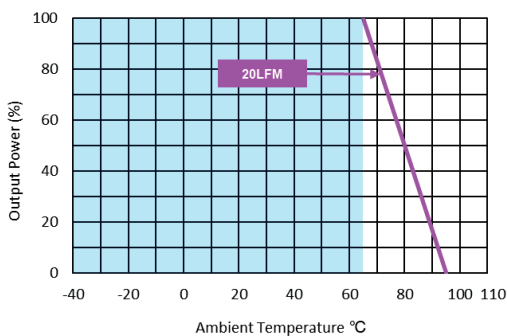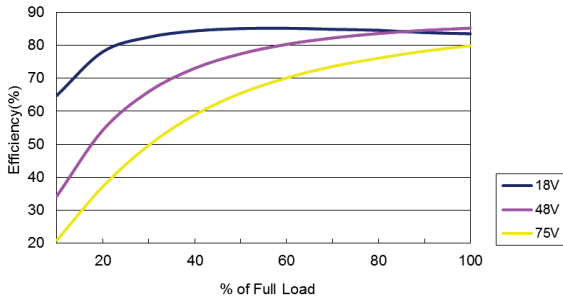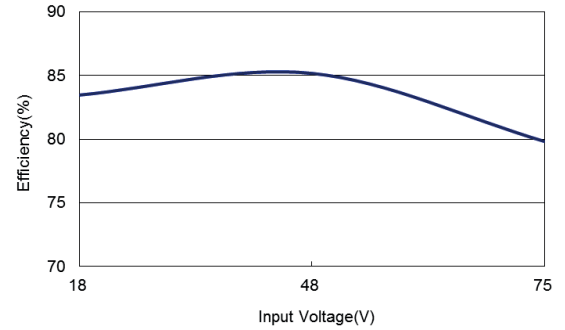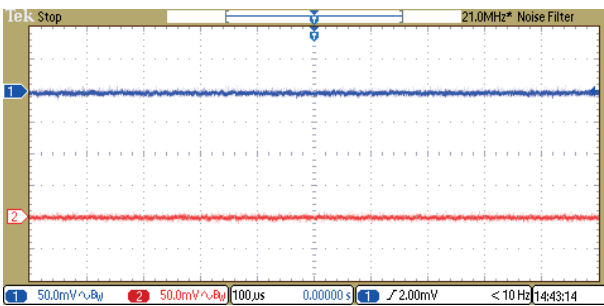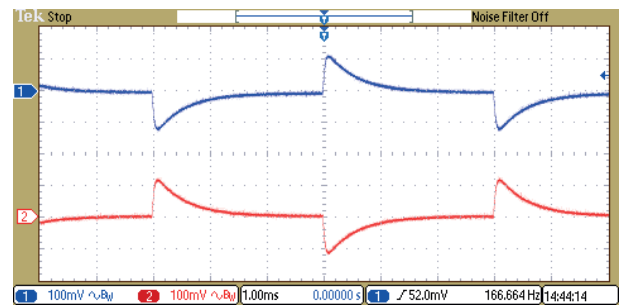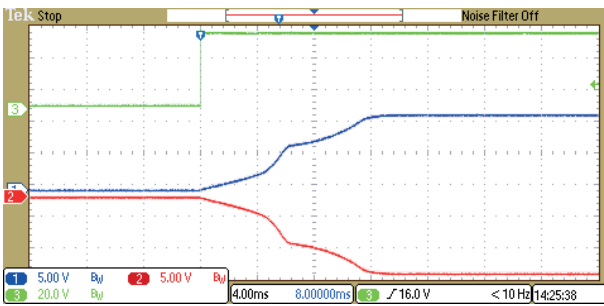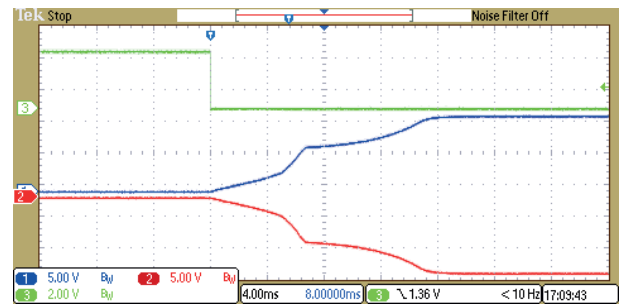


Derating Output versus Ambient Temperature

## TMR 3-4823WISM

Efficiency versus Output Load



Efficiency versus Input Voltage



Typical Output Ripple and Noise
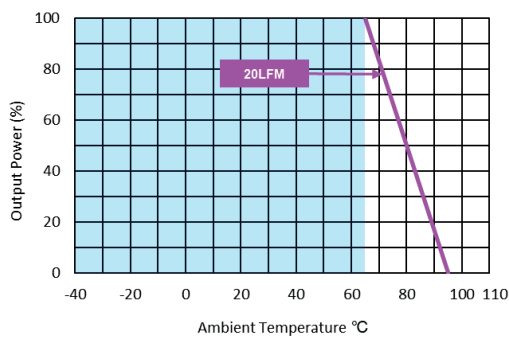


Transient Response to Dynamic Load Change (25%)



Typical Input Start-Up and Output Rise Characteristic



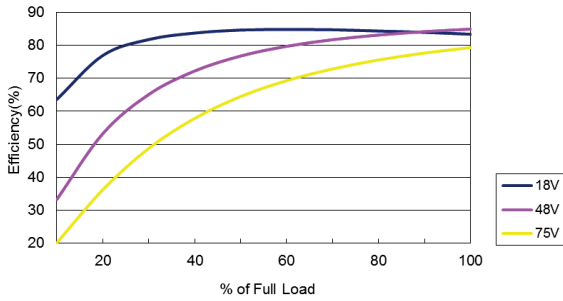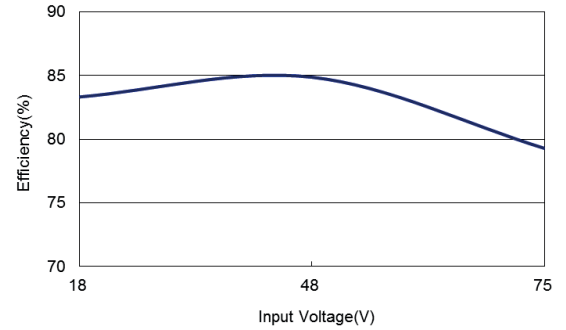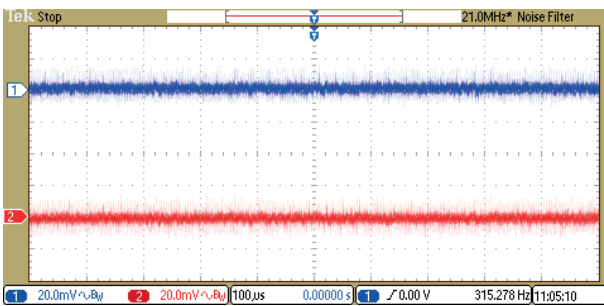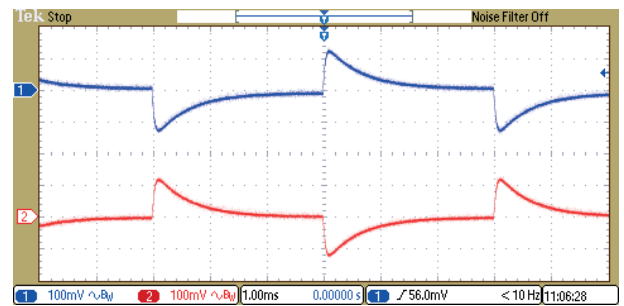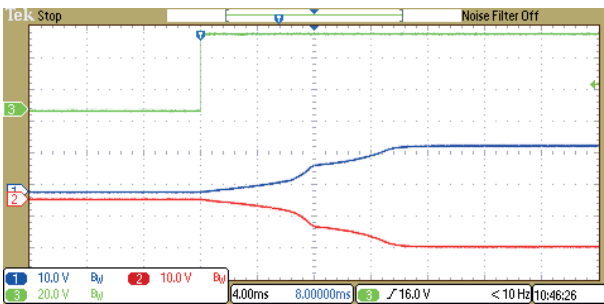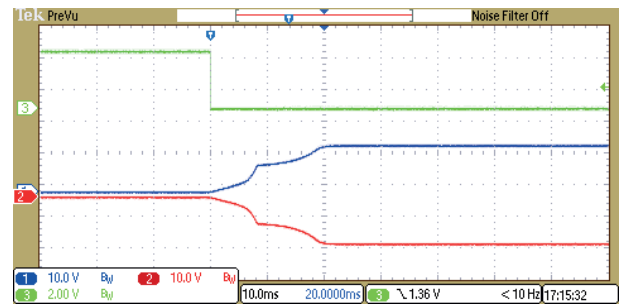Remote on/off Voltage Start-Up Characteristic



Derating Output versus Ambient Temperature

Specifications can be changed without notice!