TRACO POWER

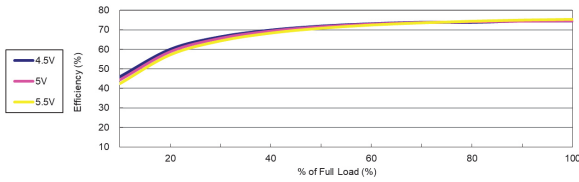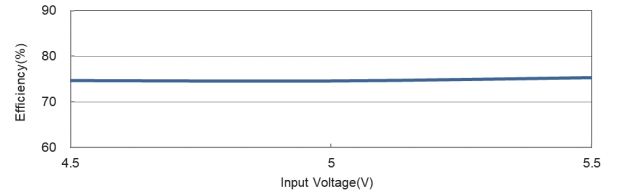## Characteristic Curves
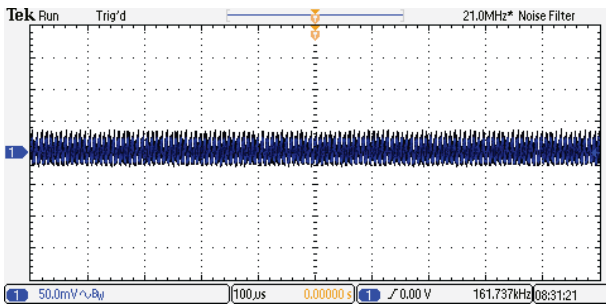
TMV 2-0503SHI

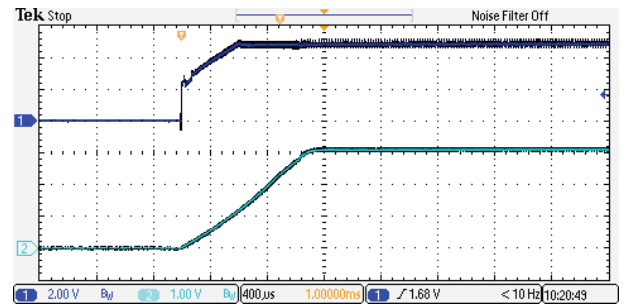Efficiency versus Output Load

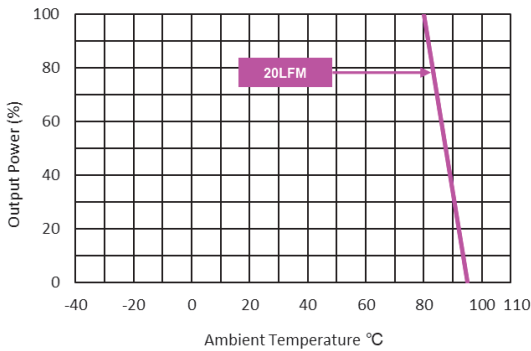

Efficiency versus Input Voltage
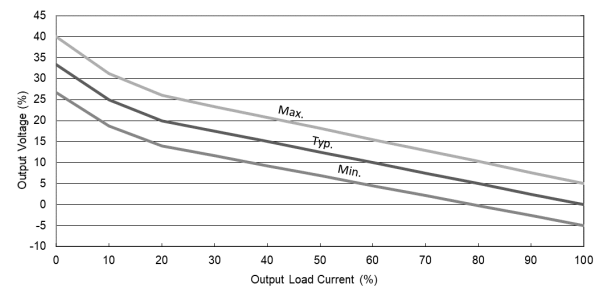

Typical Output Ripple and Noise

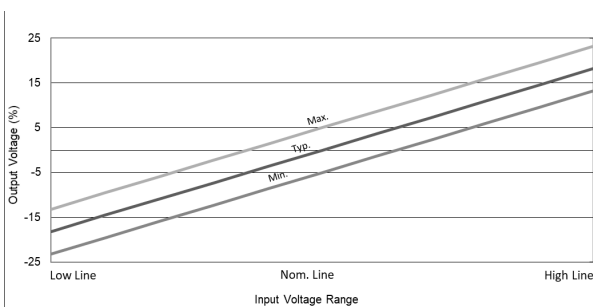Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

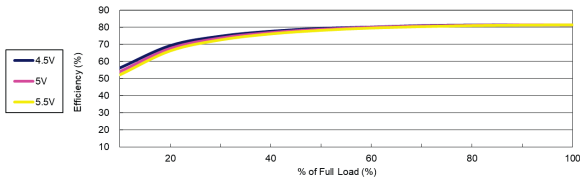Load Variation versus Output Voltage
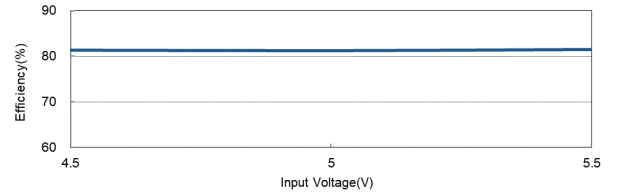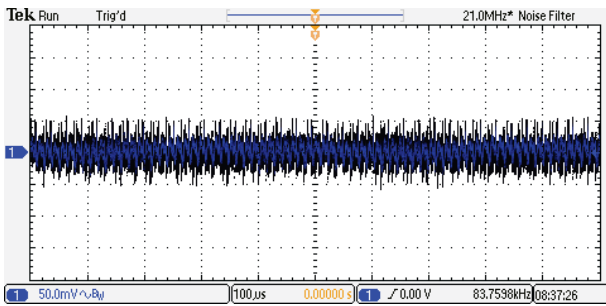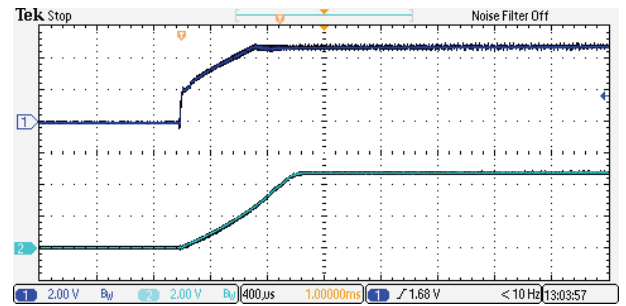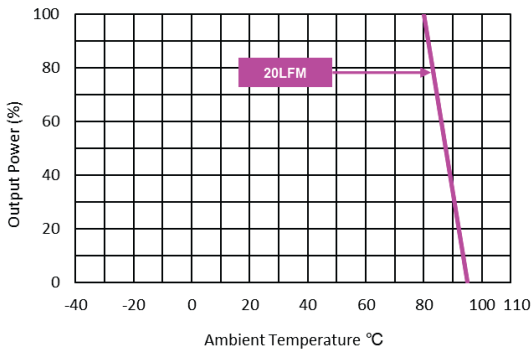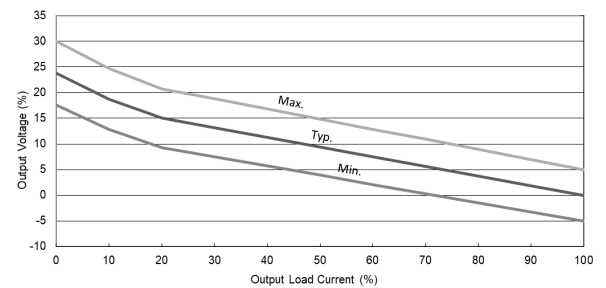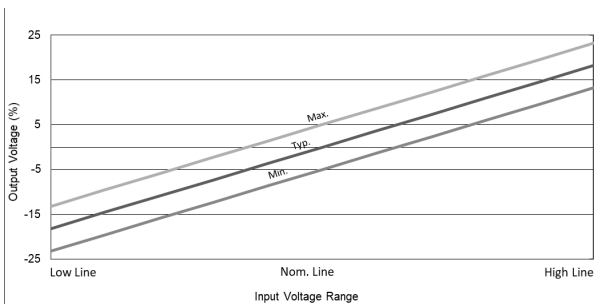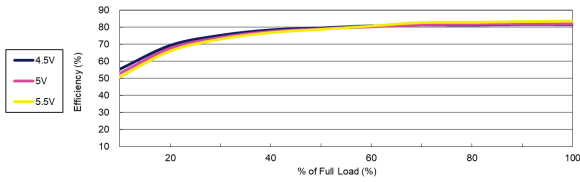

Input Variation versus Output Voltage

TMV 2-0505SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-0509SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

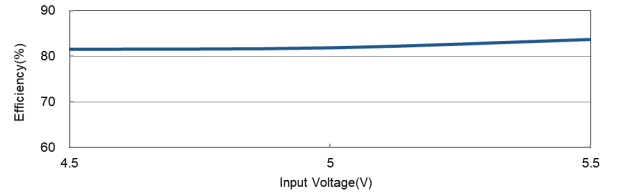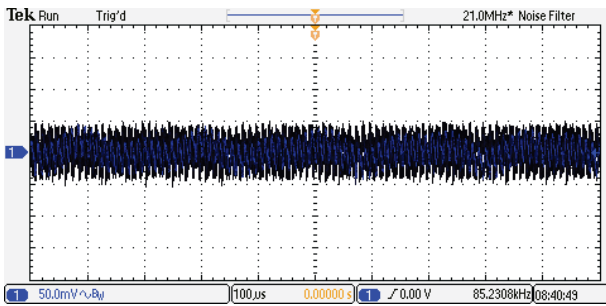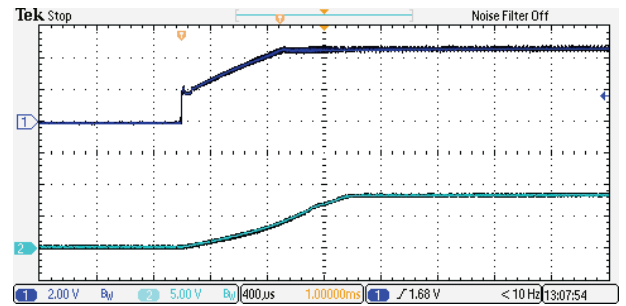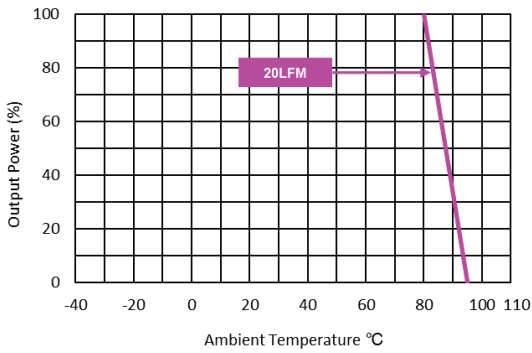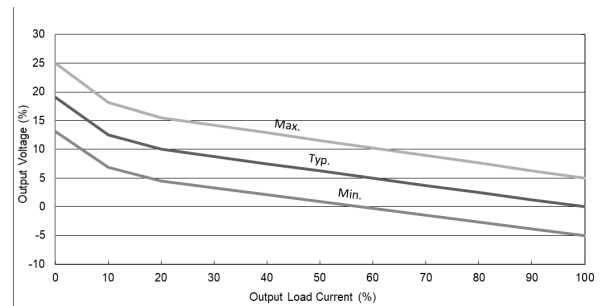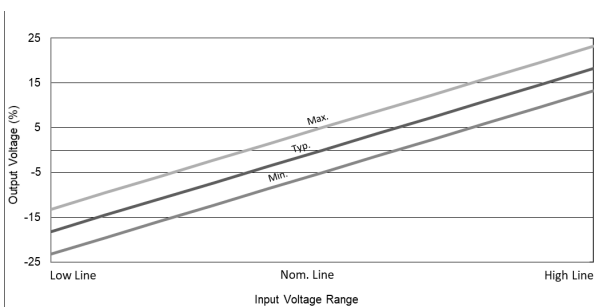### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-0512SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
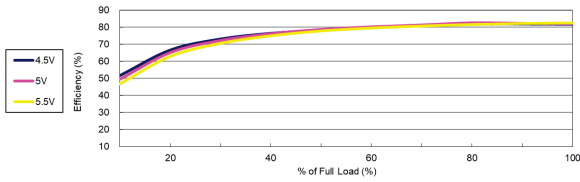

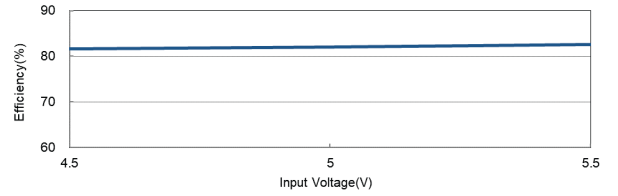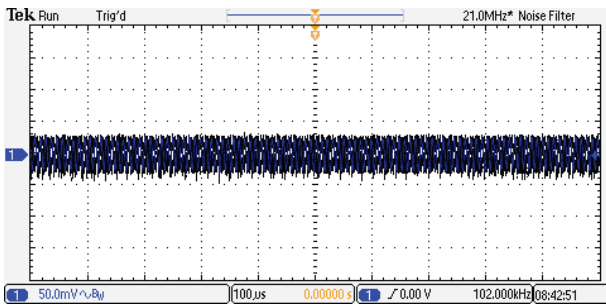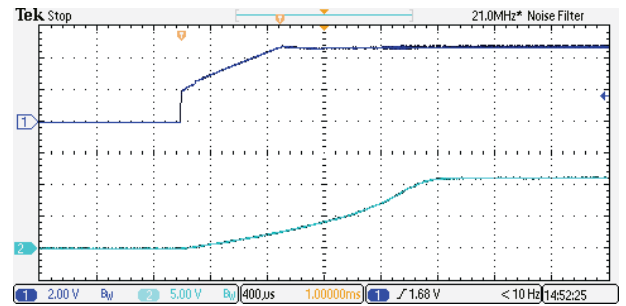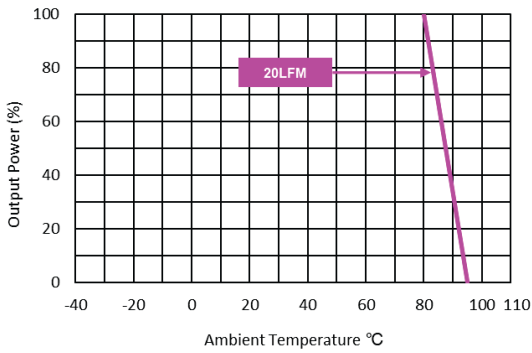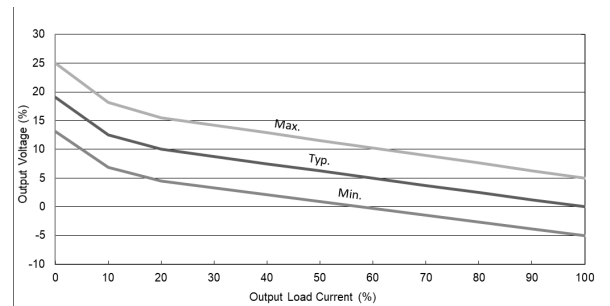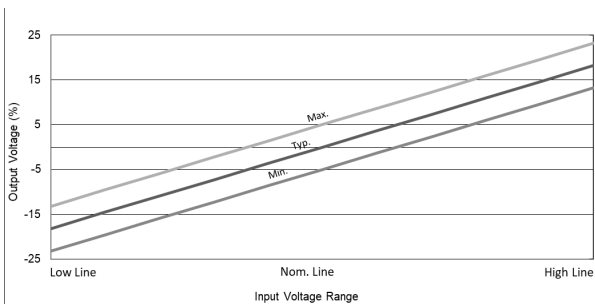### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TRACO POWER

TMV 2-0515SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
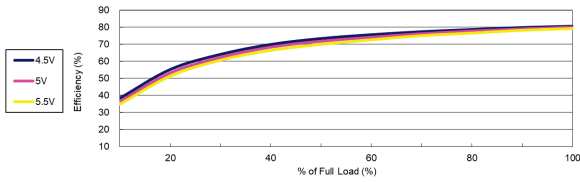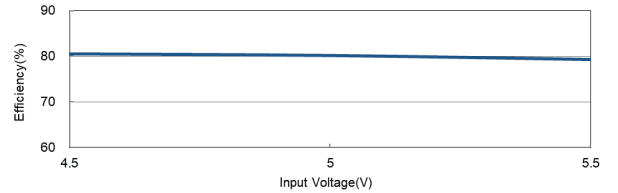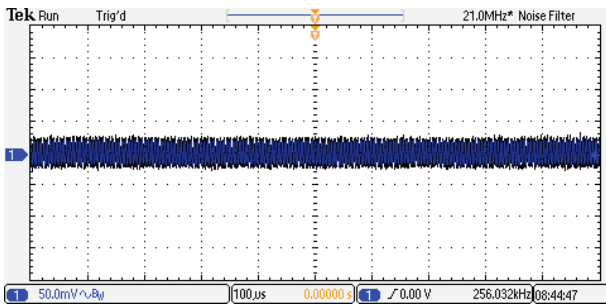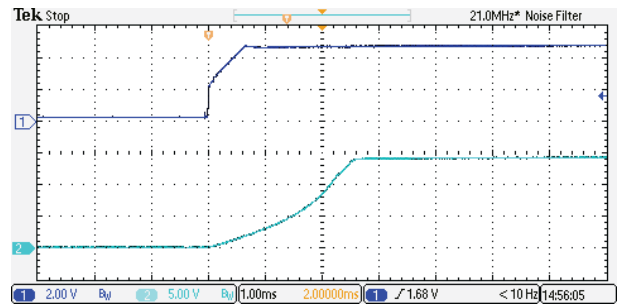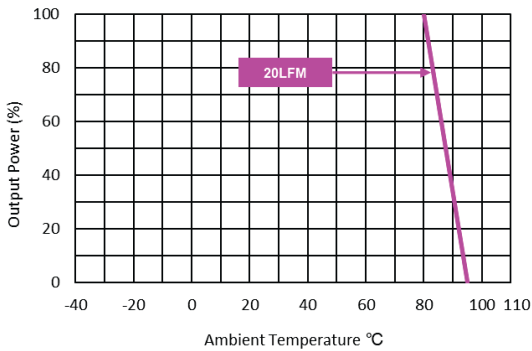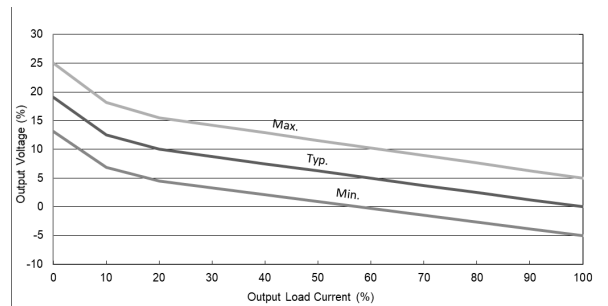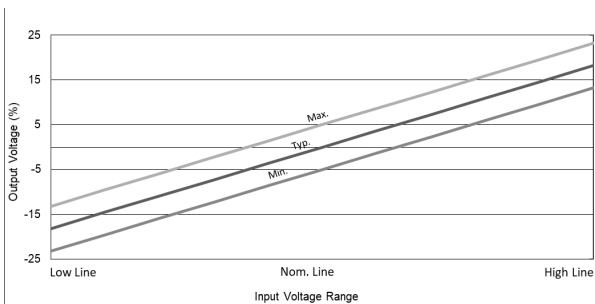

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-0505DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
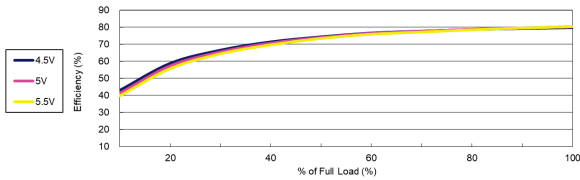

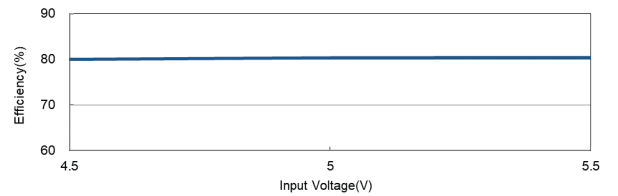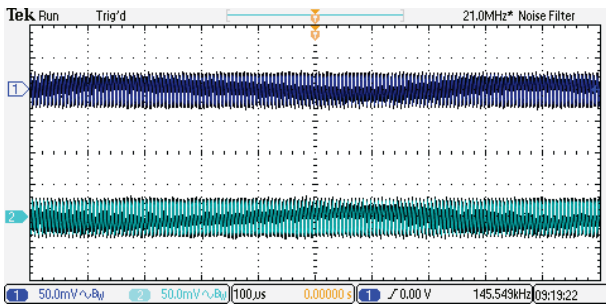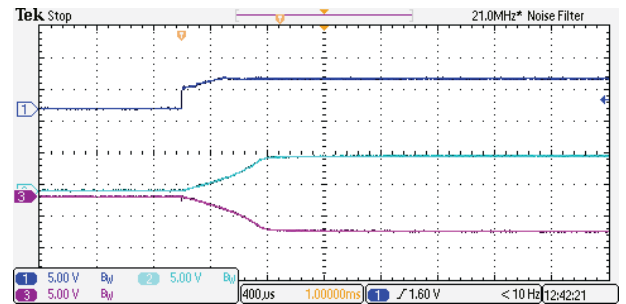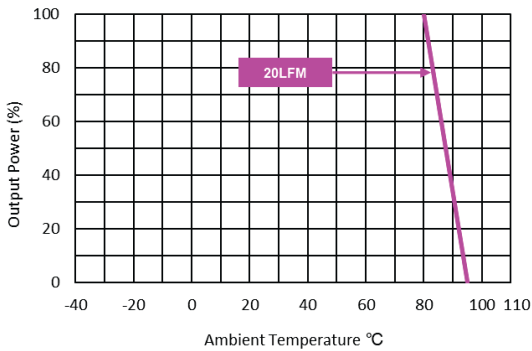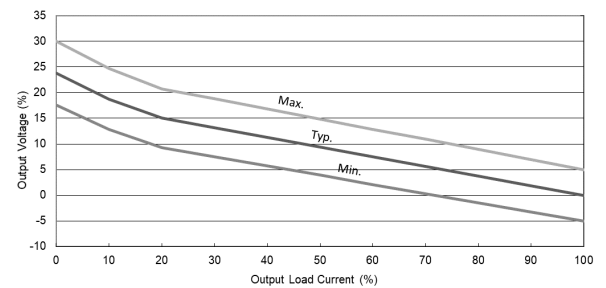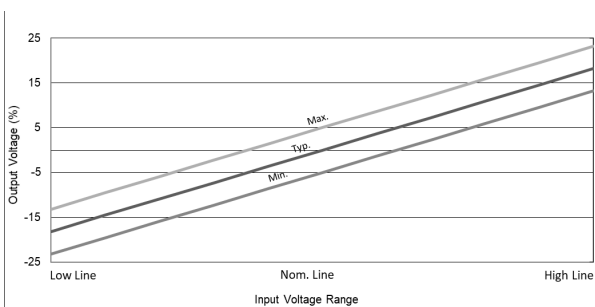### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TRACO POWER

TMV 2-0509DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
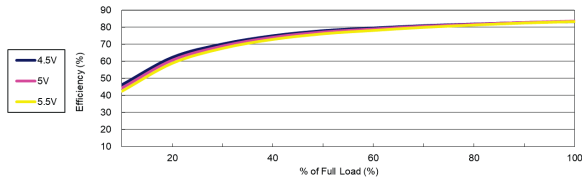

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-0512DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage
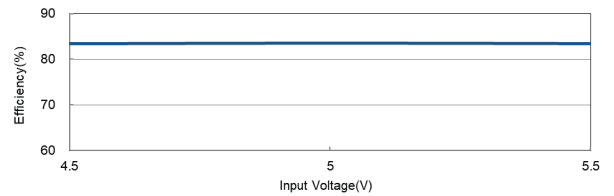

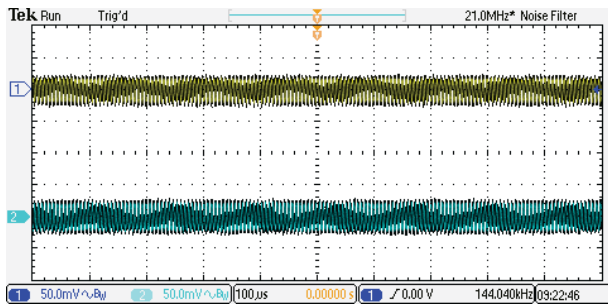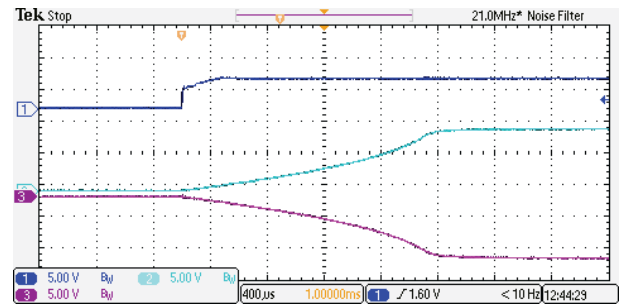### Input Variation versus Output Voltage

TMV 2-0515DHI

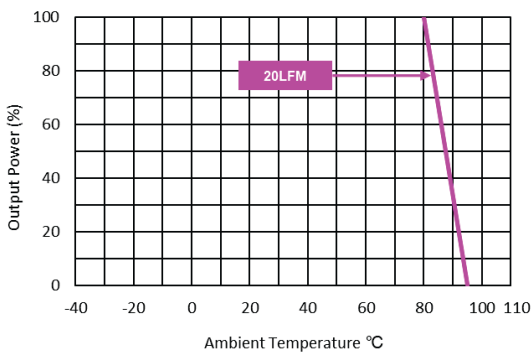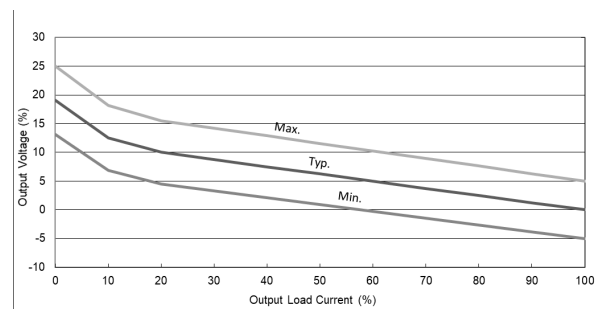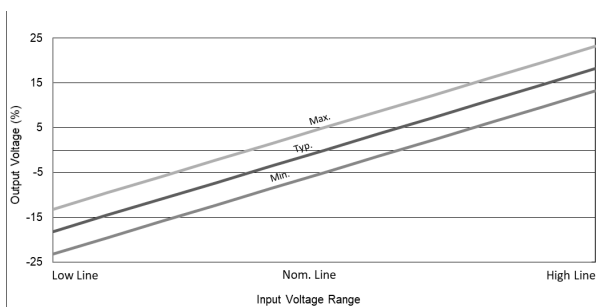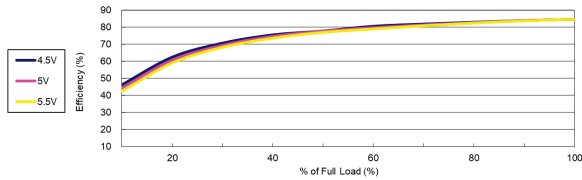Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

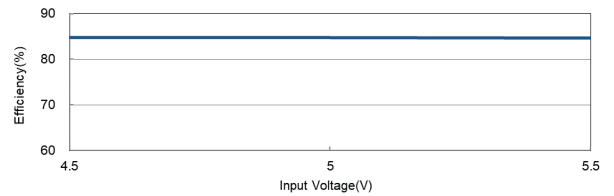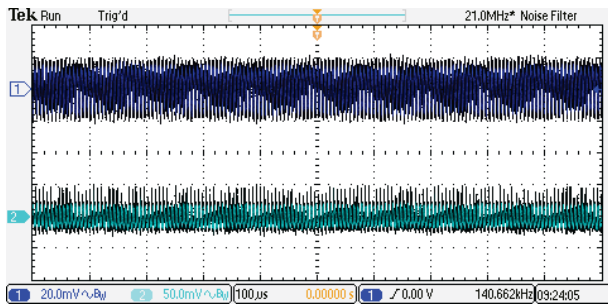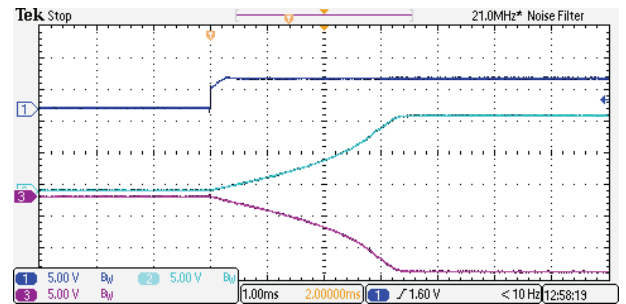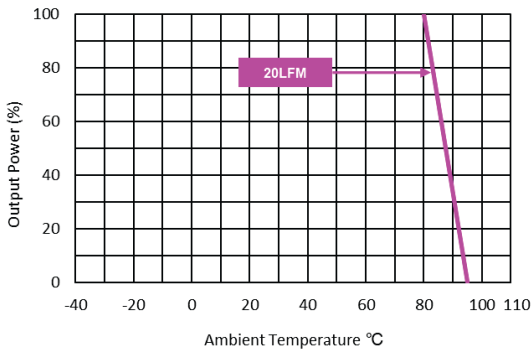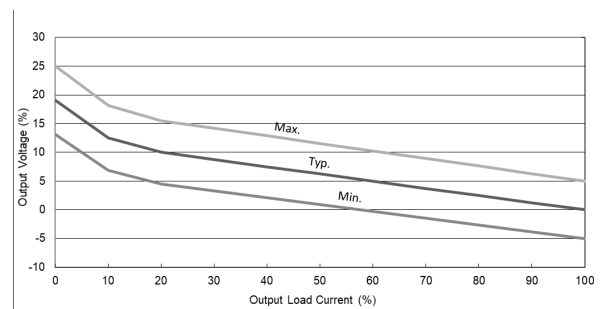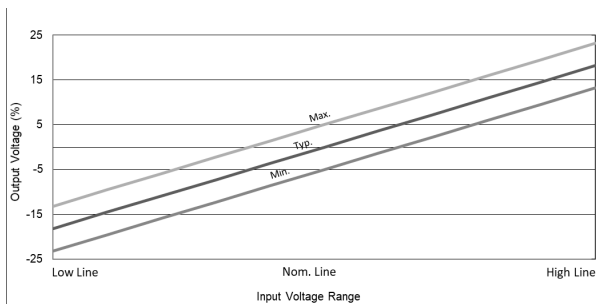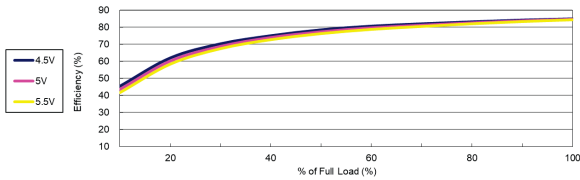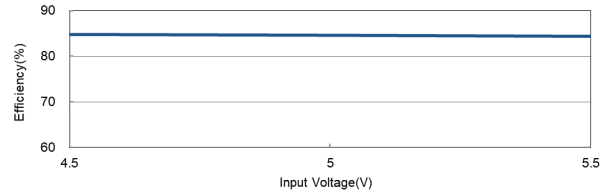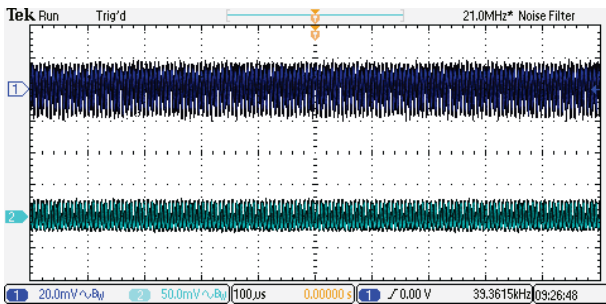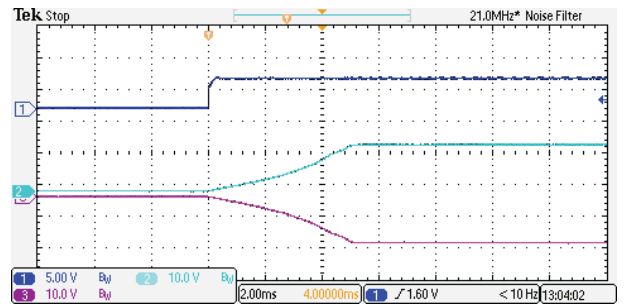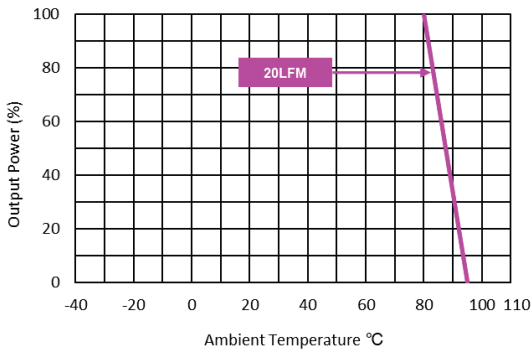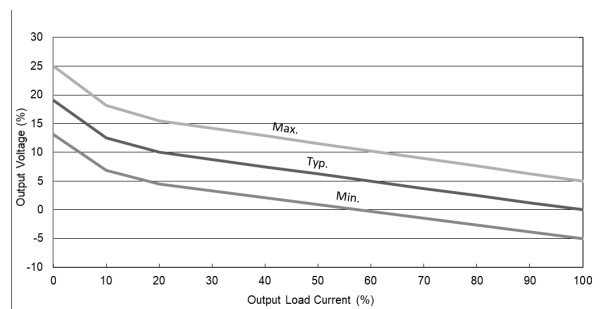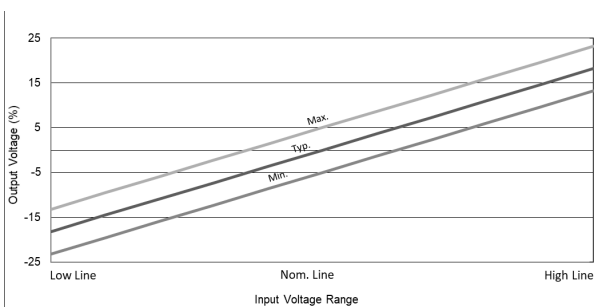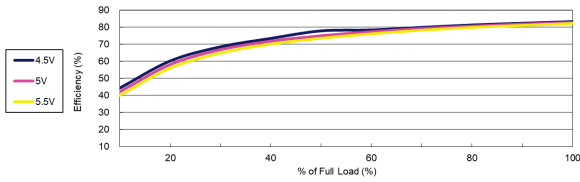Load Variation versus Output Voltage

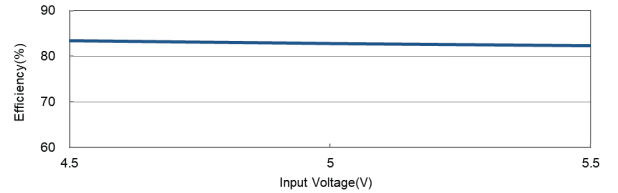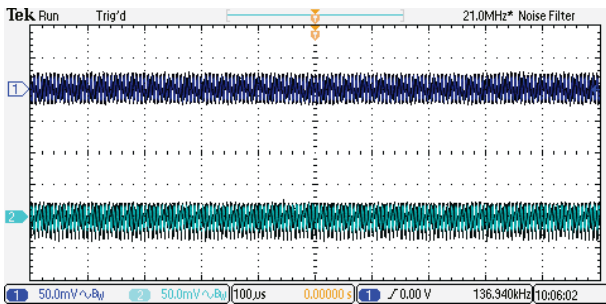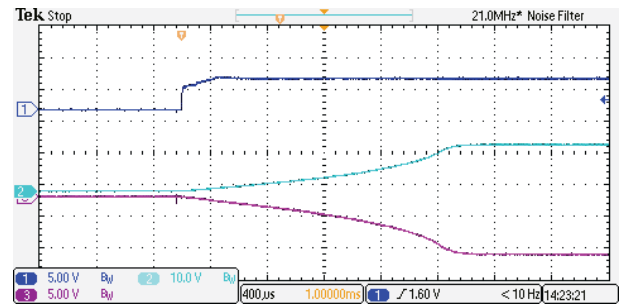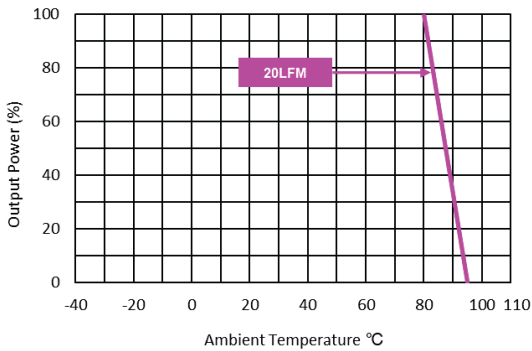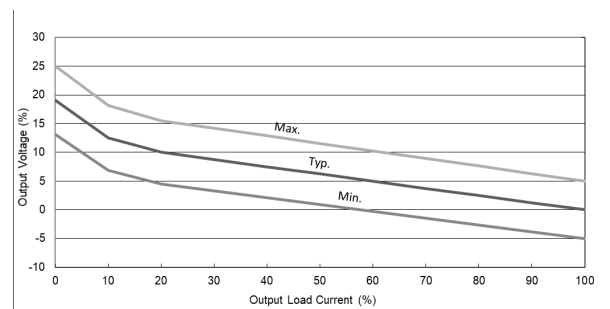Input Variation versus Output Voltage

TRACO POWER

TMV 2-05159HI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

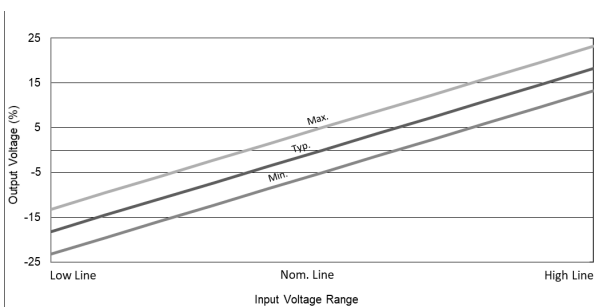### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-1203SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
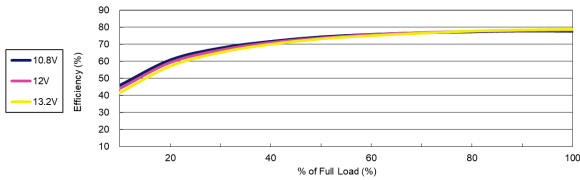

Load Variation versus Output Voltage
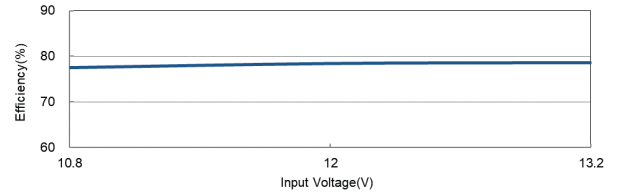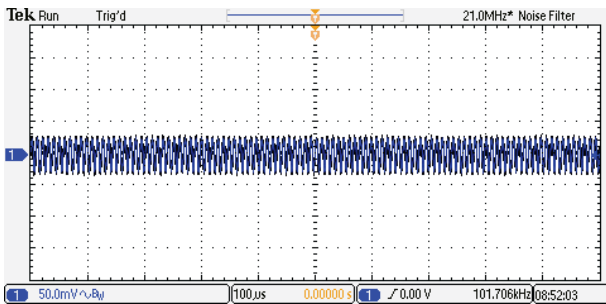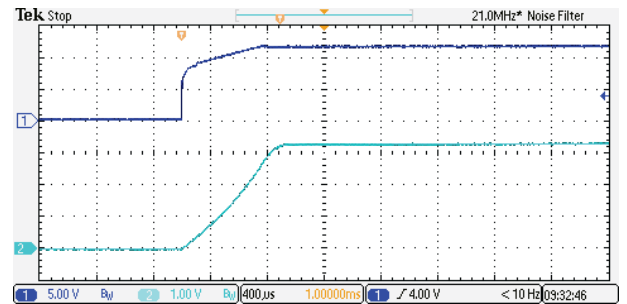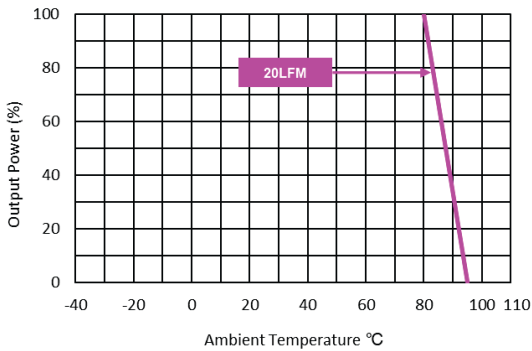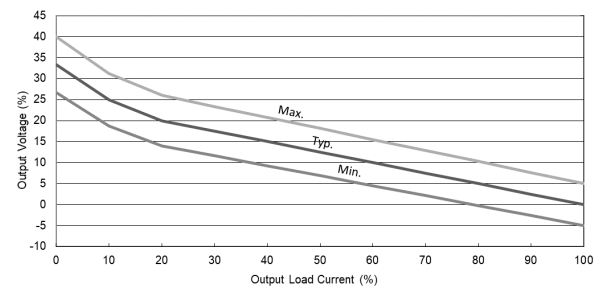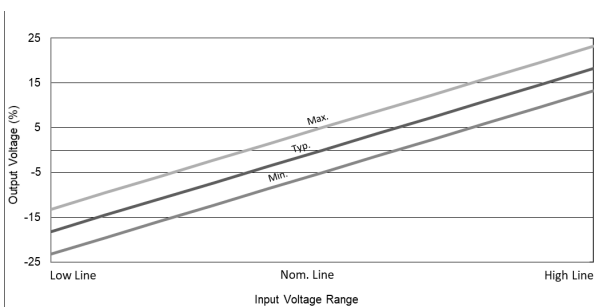

Input Variation versus Output Voltage

TMV 2-1205SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
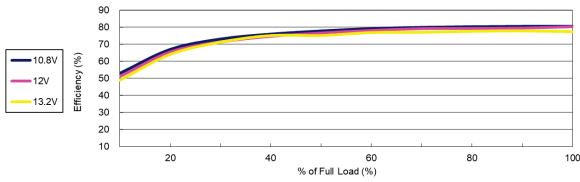

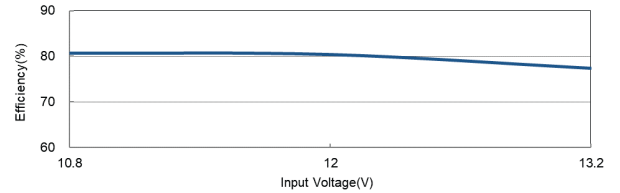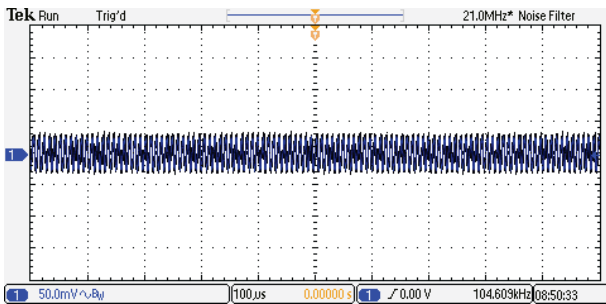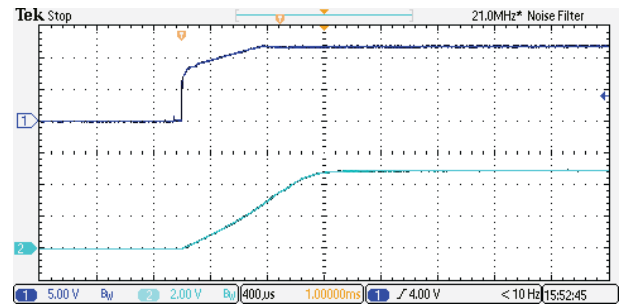### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-1209SHI

Efficiency versus Output Load
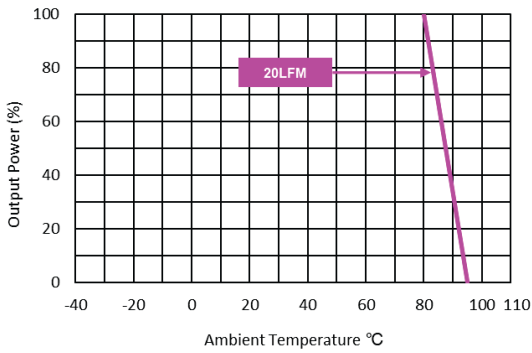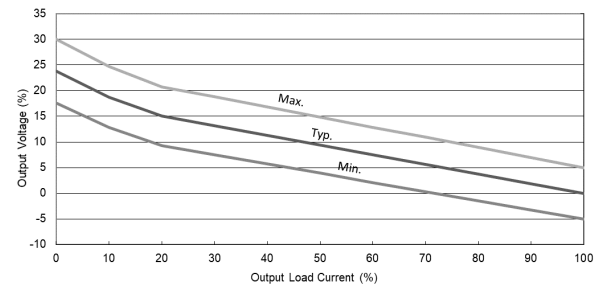

Efficiency versus Input Voltage

Typical Output Ripple and Noise

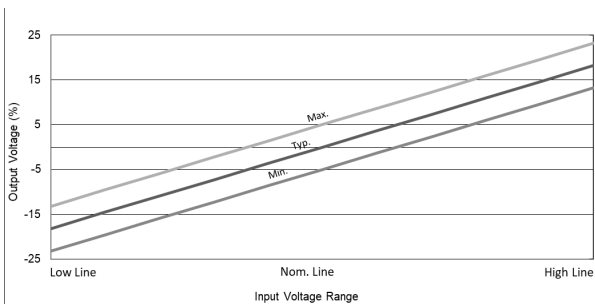### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
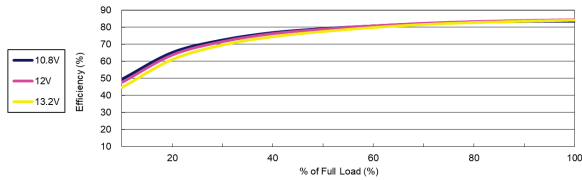

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-1212SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

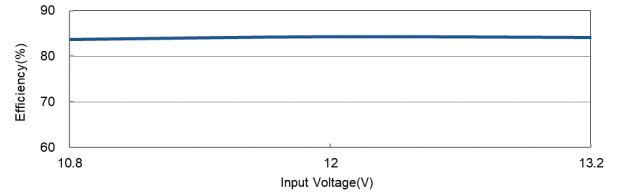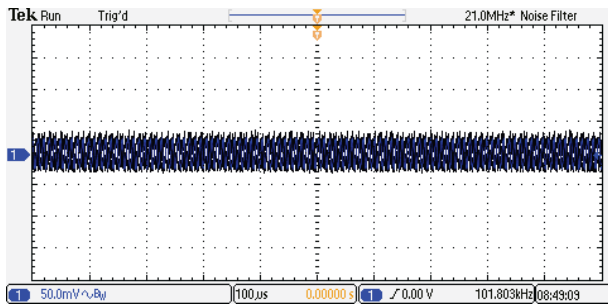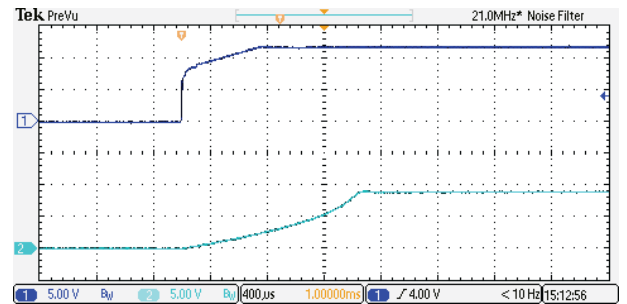### Input Variation versus Output Voltage

TMV 2-1215SHI

Efficiency versus Output Load
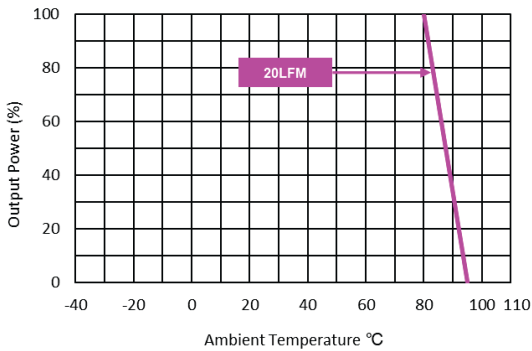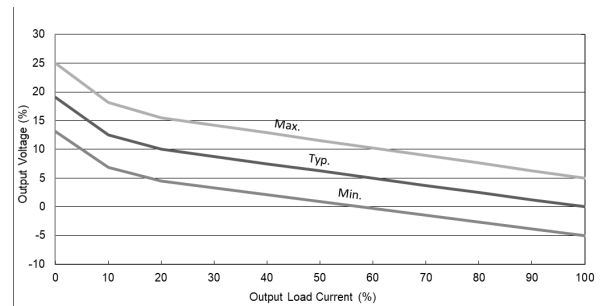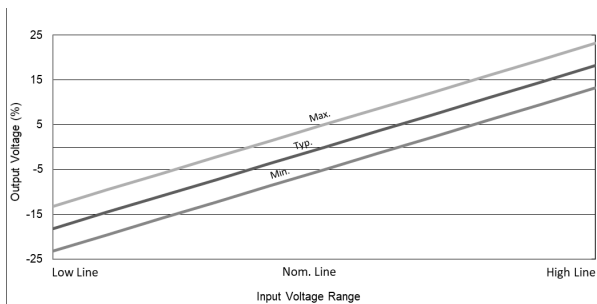

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
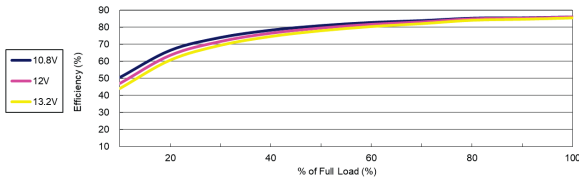

Load Variation versus Output Voltage

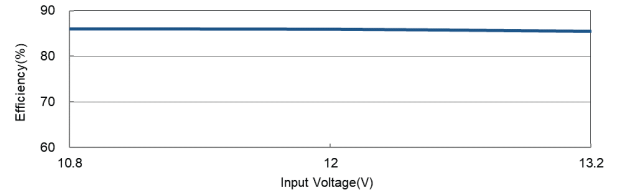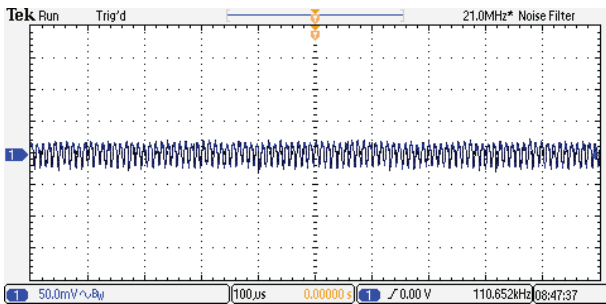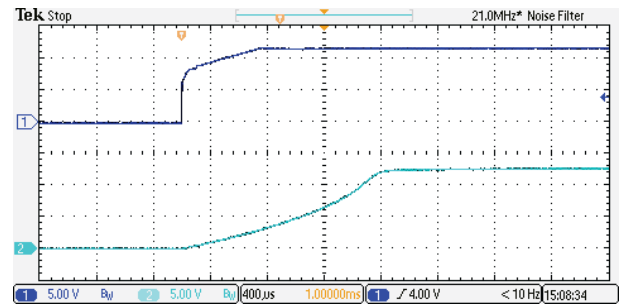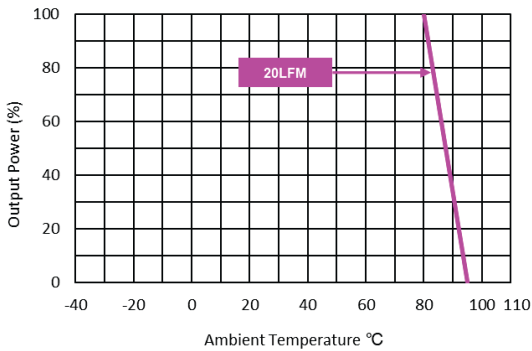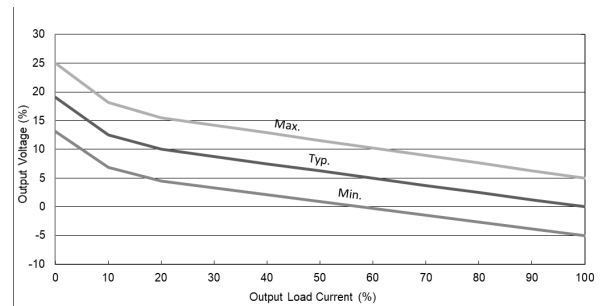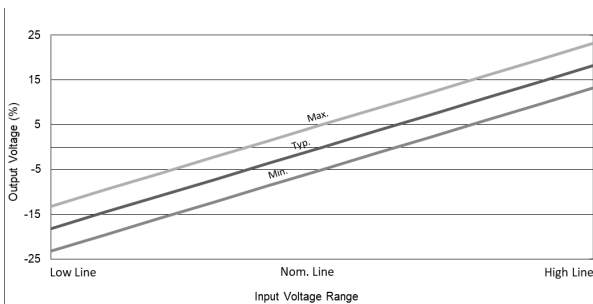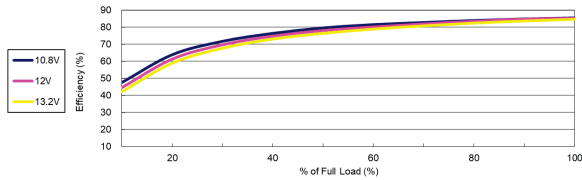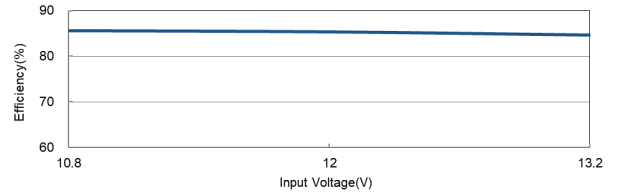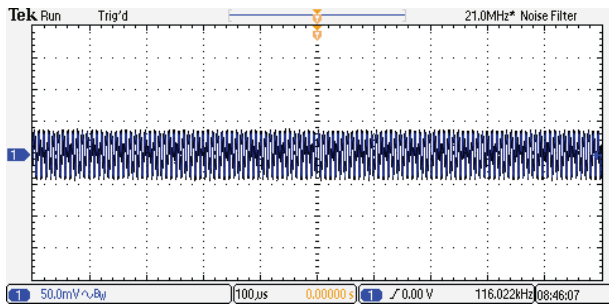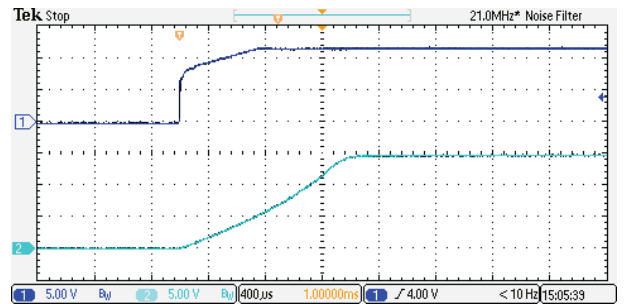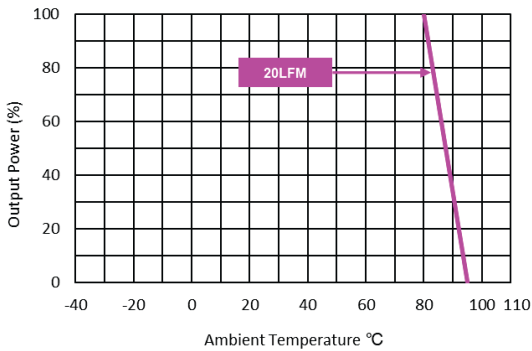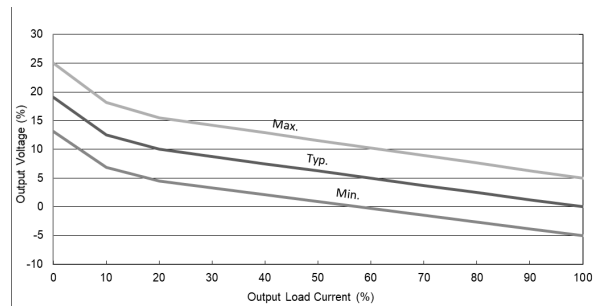

Input Variation versus Output Voltage

TRACO POWER

TMV 2-1205DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

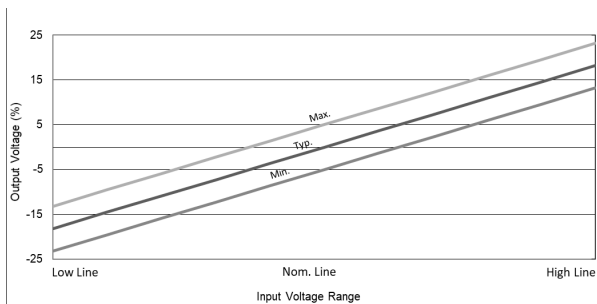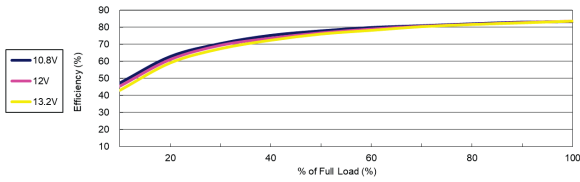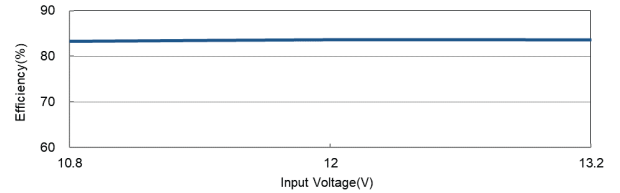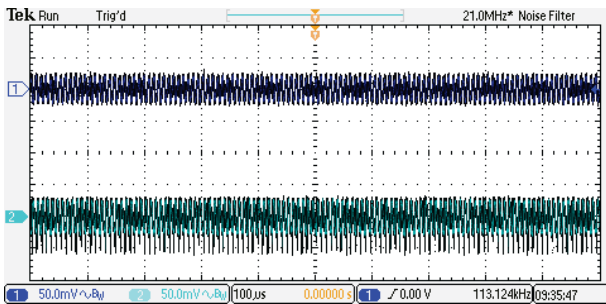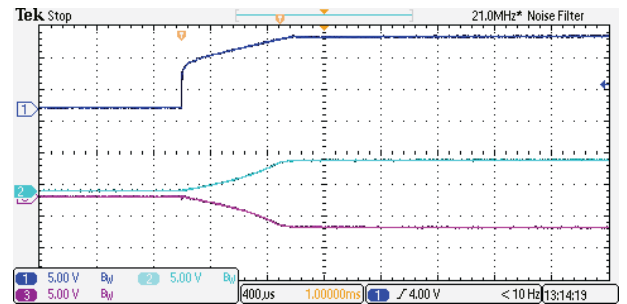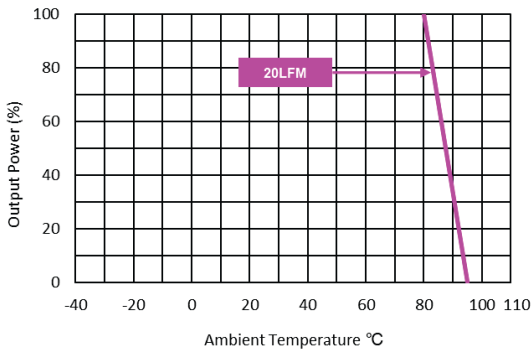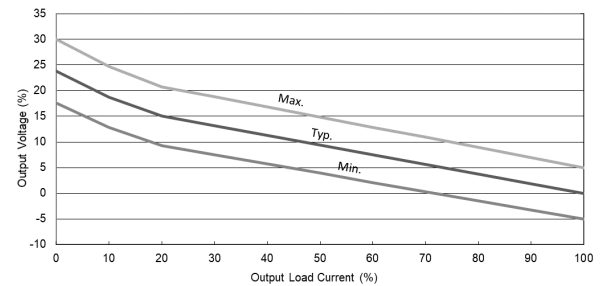### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-1209DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

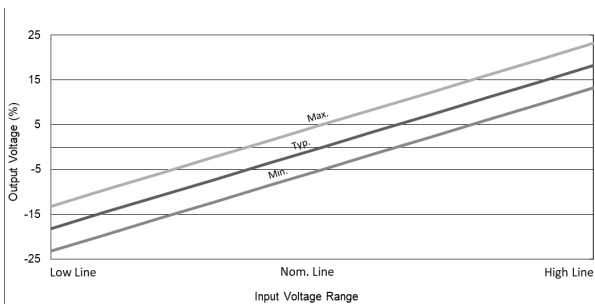### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
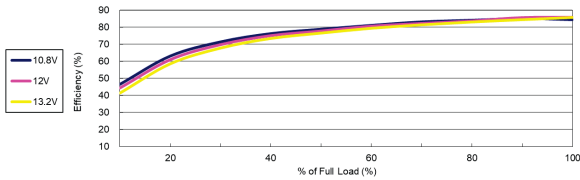

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-1212DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

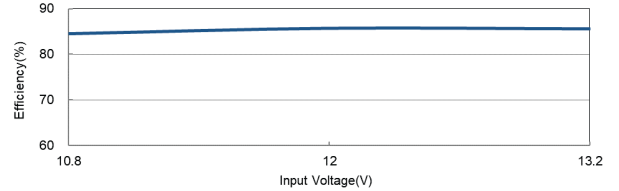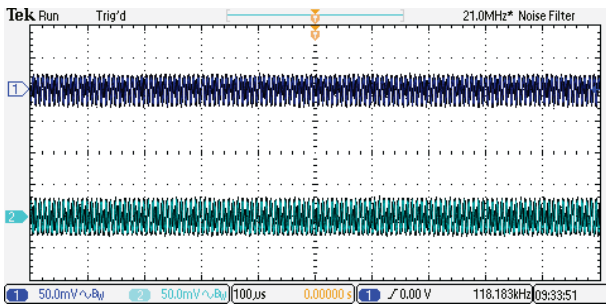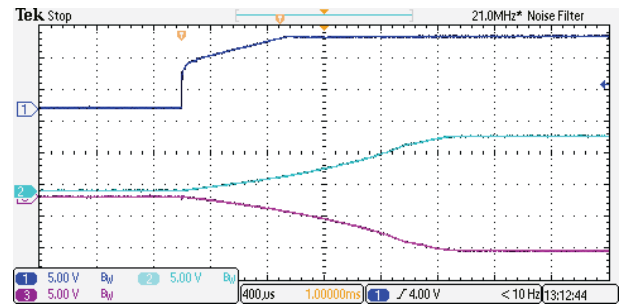### Input Variation versus Output Voltage

TMV 2-1215DHI

Efficiency versus Output Load
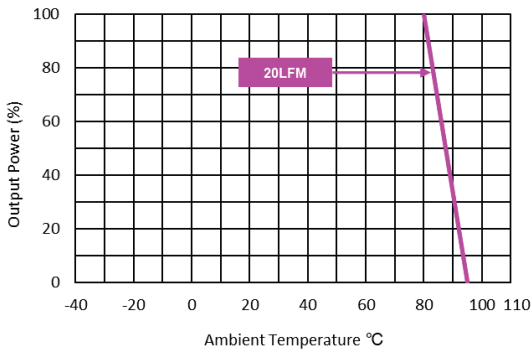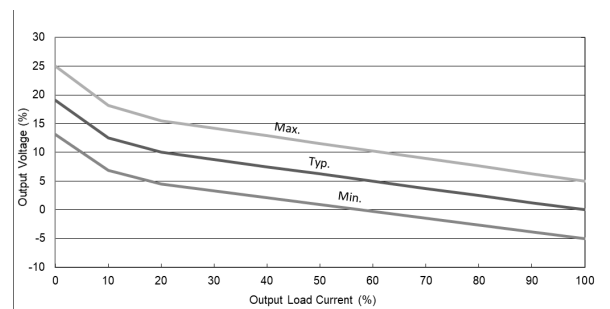
Efficiency versus Input Voltage

Typical Output Ripple and Noise
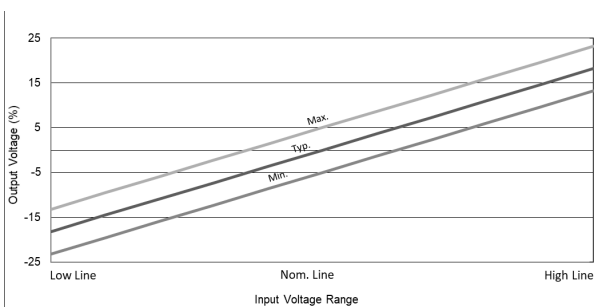
Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
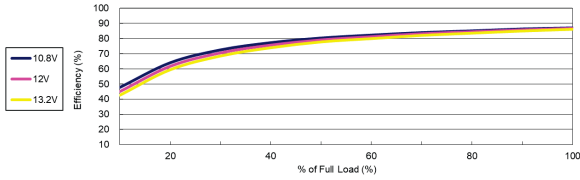
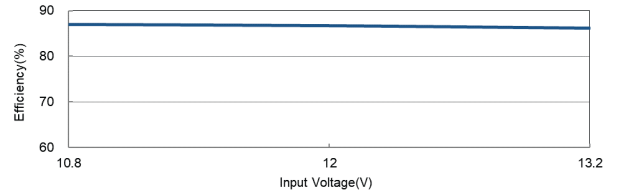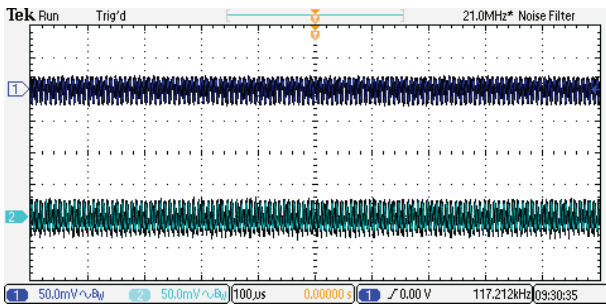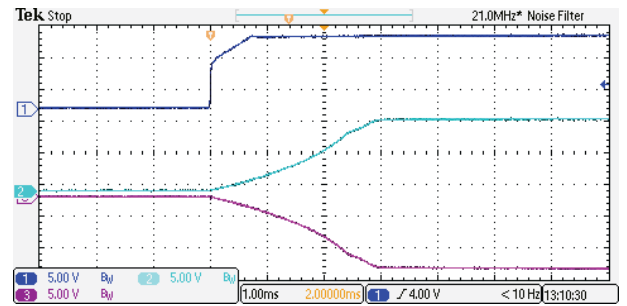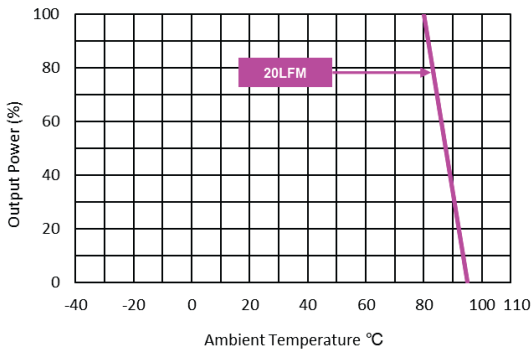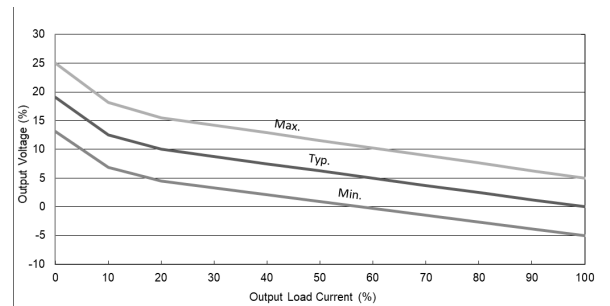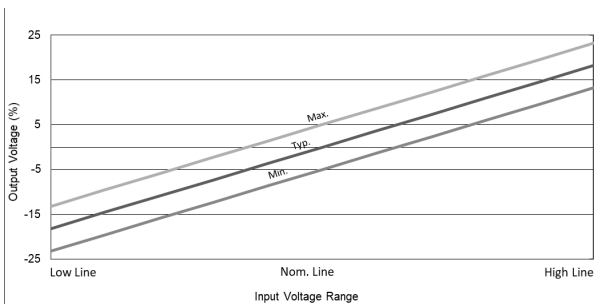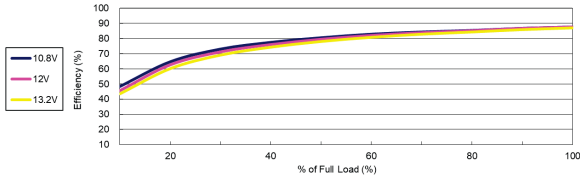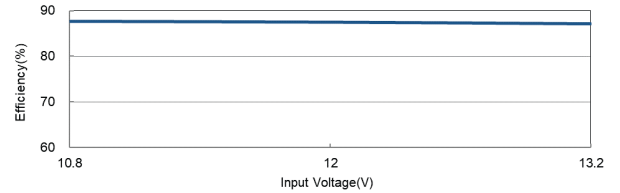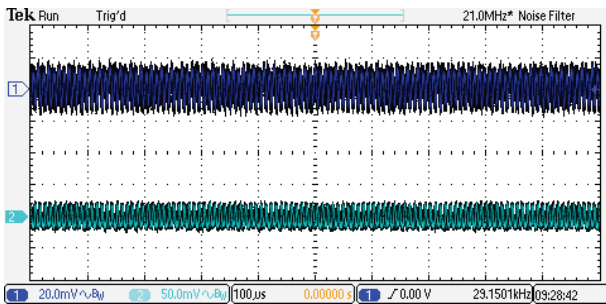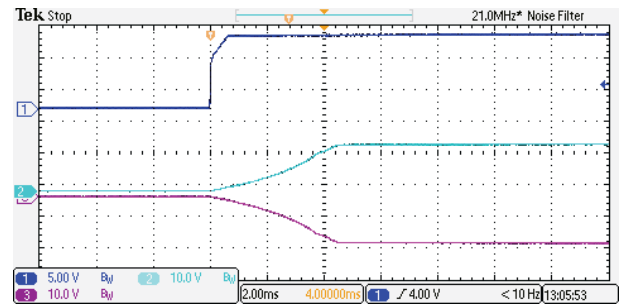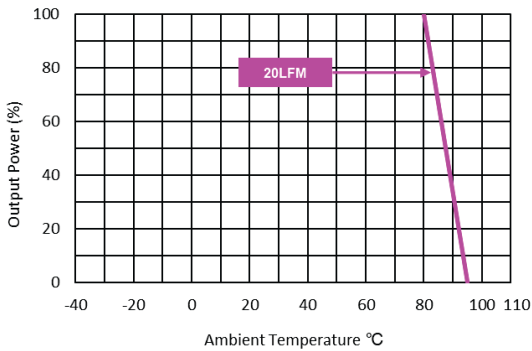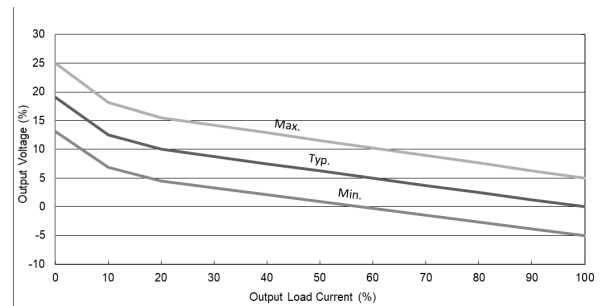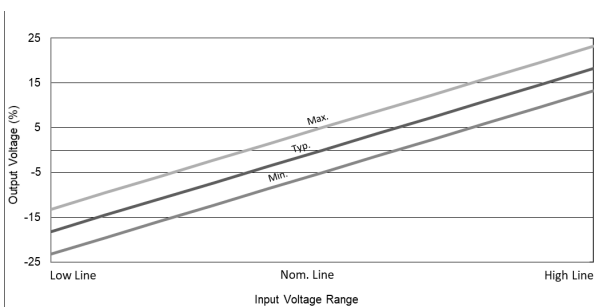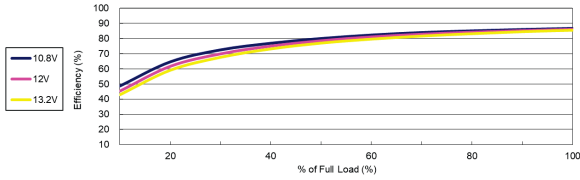Load Variation versus Output Voltage

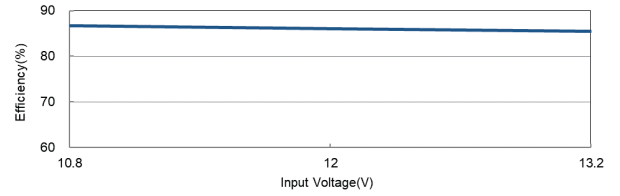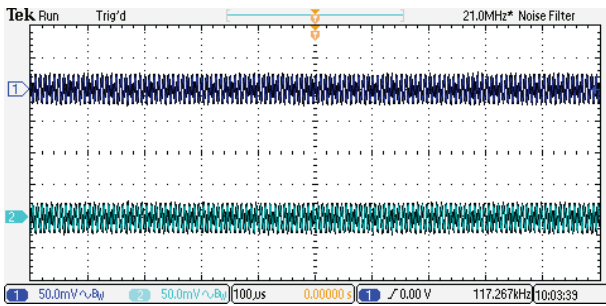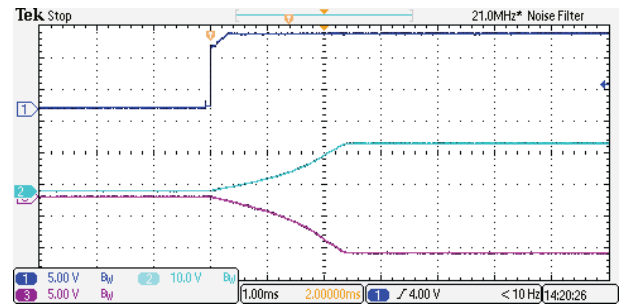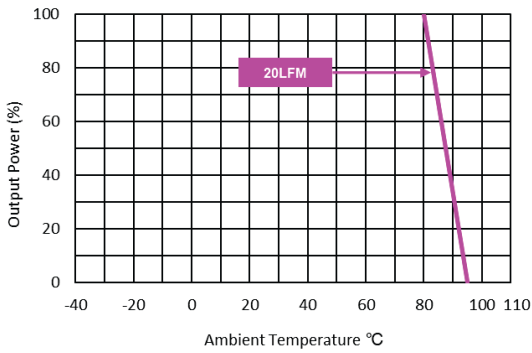Input Variation versus Output Voltage

TMV 2-12159HI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TRACO POWER

TMV 2-1503SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

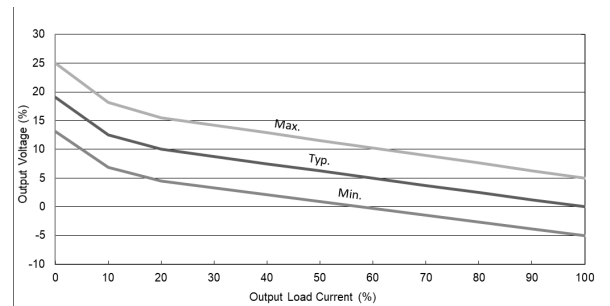### Typical Output Ripple and Noise

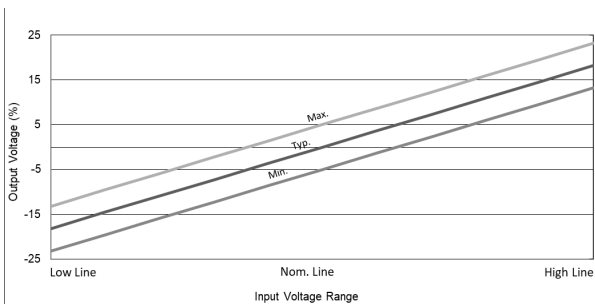### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
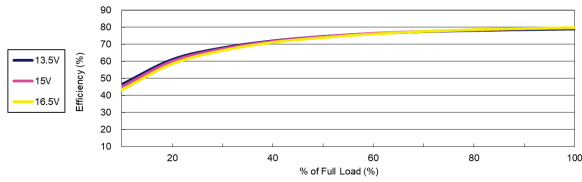

Load Variation versus Output Voltage
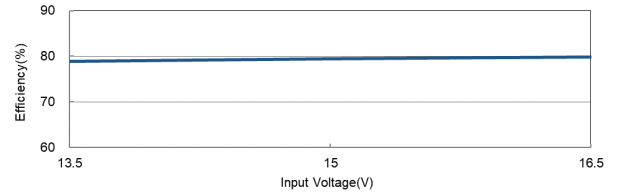

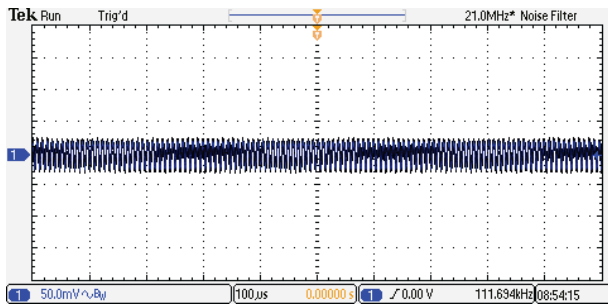### Input Variation versus Output Voltage

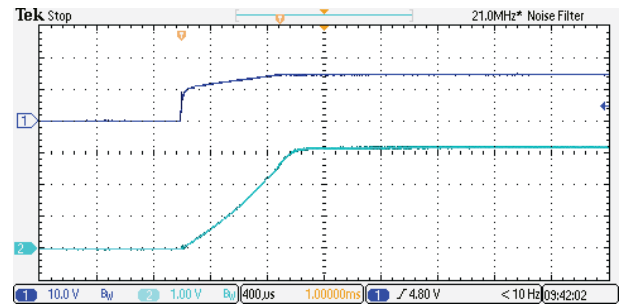## TMV 2-1505SHI

Efficiency versus Output Load

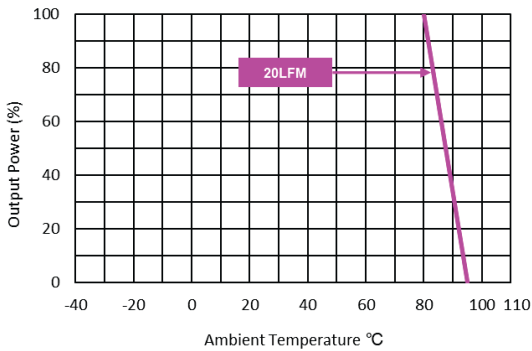### Efficiency versus Input Voltage

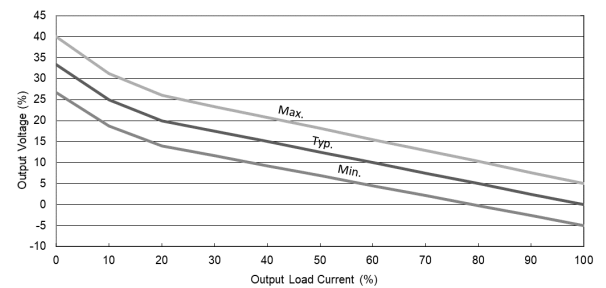### Typical Output Ripple and Noise

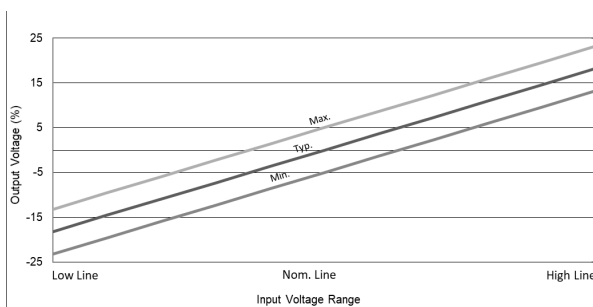### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
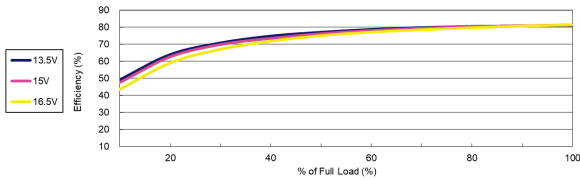

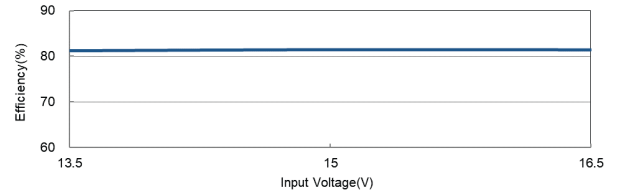### Load Variation versus Output Voltage

Input Variation versus Output Voltage
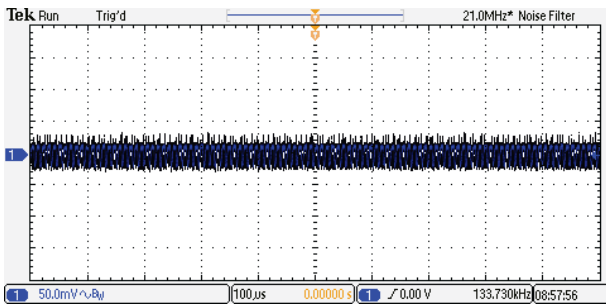
TRACO POWER

TMV 2-1509SHI

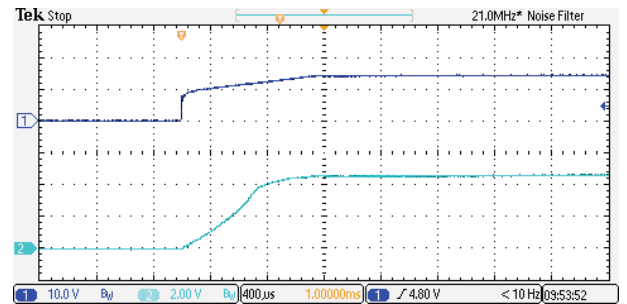### Efficiency versus Output Load

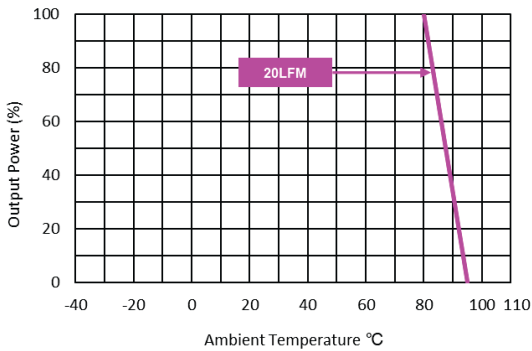### Efficiency versus Input Voltage

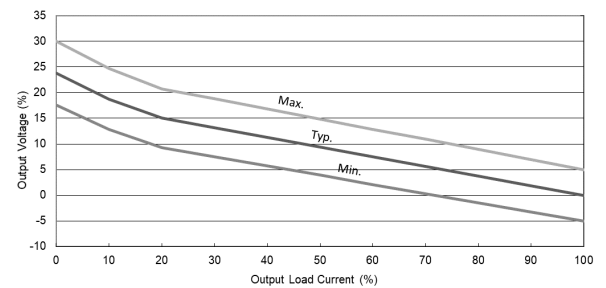### Typical Output Ripple and Noise

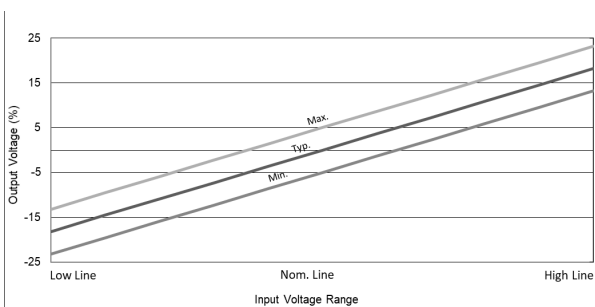### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
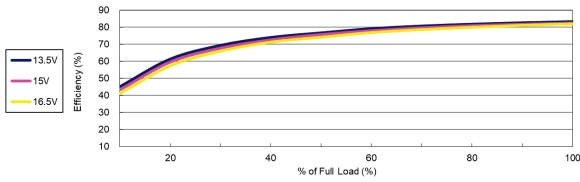

Load Variation versus Output Voltage
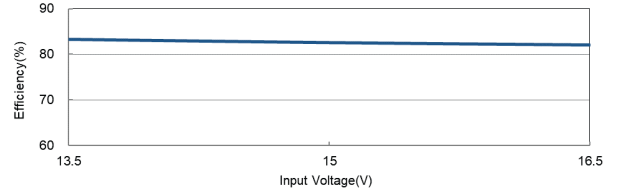

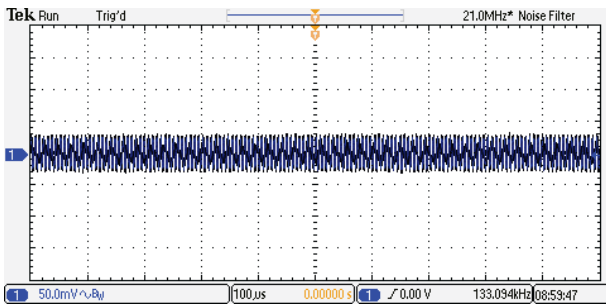### Input Variation versus Output Voltage

TMV 2-1512SHI

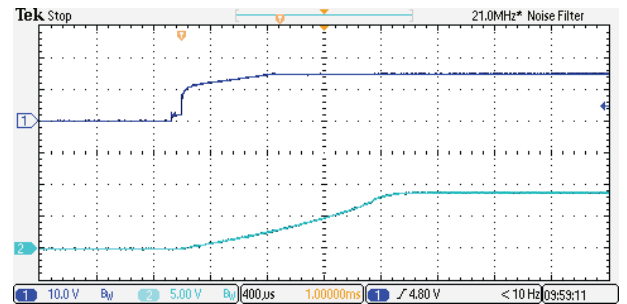### Efficiency versus Output Load

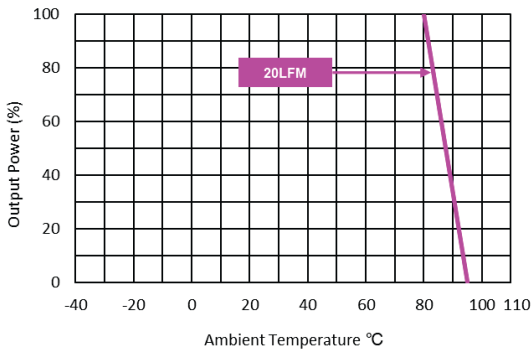### Efficiency versus Input Voltage

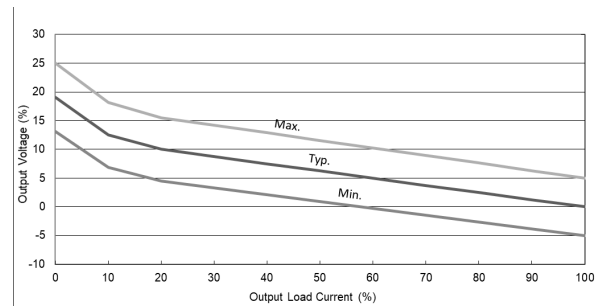### Typical Output Ripple and Noise

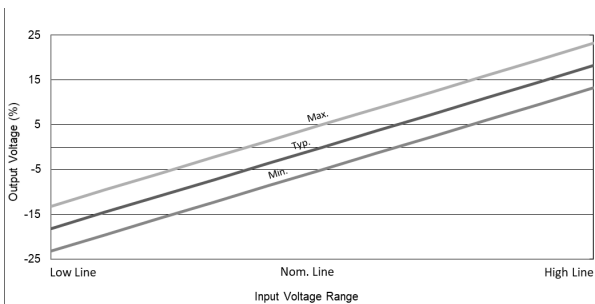### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
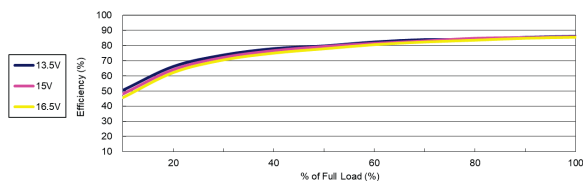

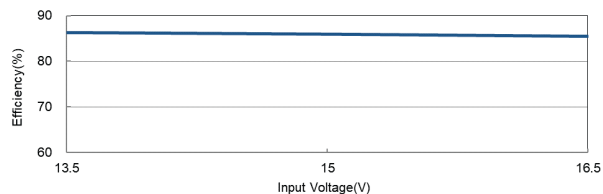### Load Variation versus Output Voltage

Input Variation versus Output Voltage
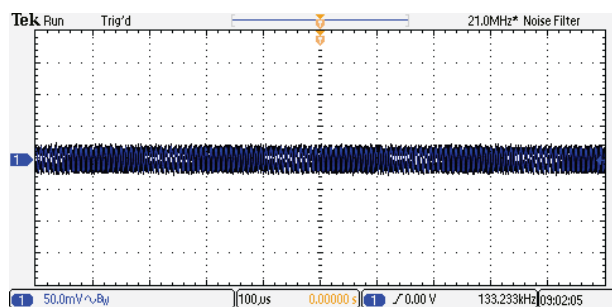
TMV 2-1515SHI

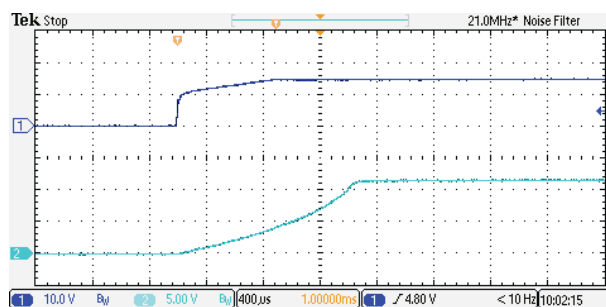### Efficiency versus Output Load
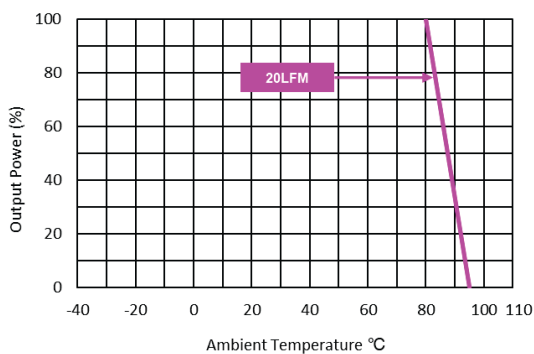

Efficiency versus Input Voltage

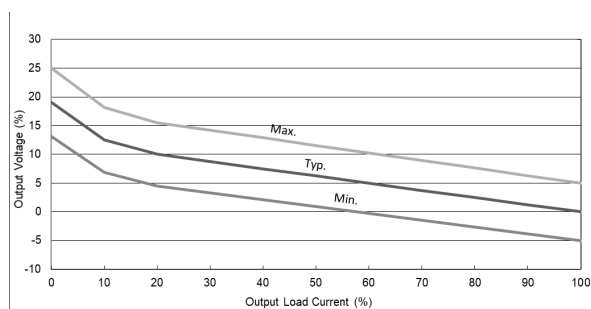### Typical Output Ripple and Noise

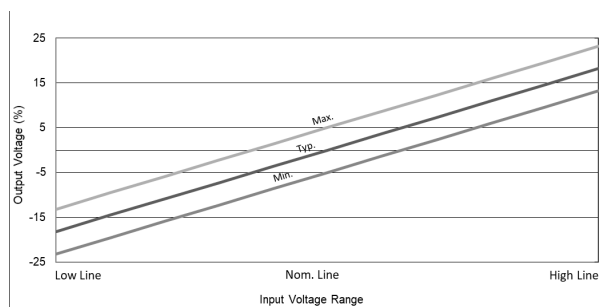### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
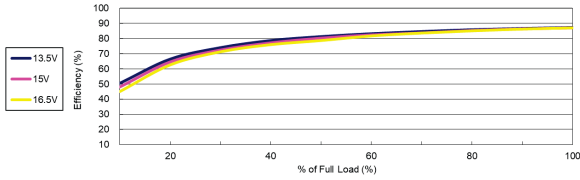

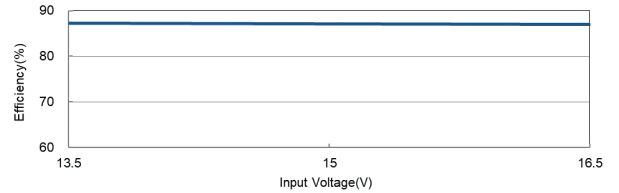### Load Variation versus Output Voltage

Input Variation versus Output Voltage
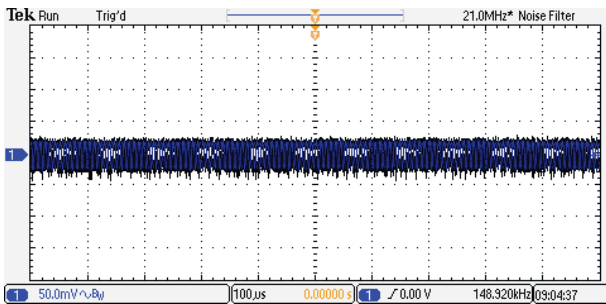
TRACO POWER

TMV 2-1505DHI

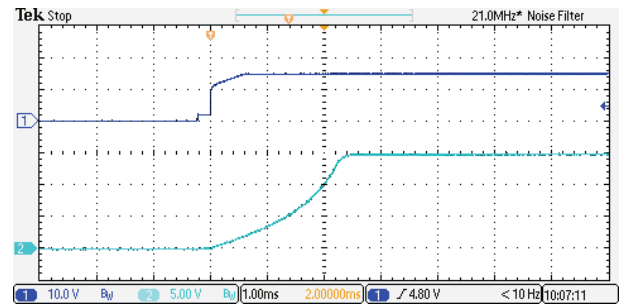### Efficiency versus Output Load

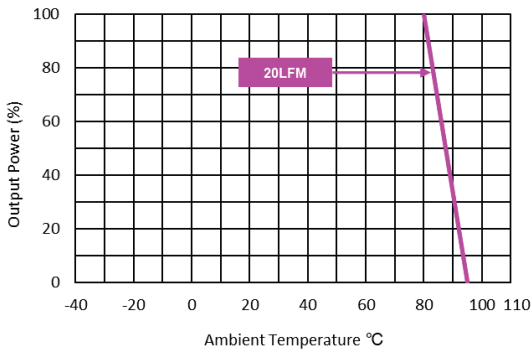### Efficiency versus Input Voltage

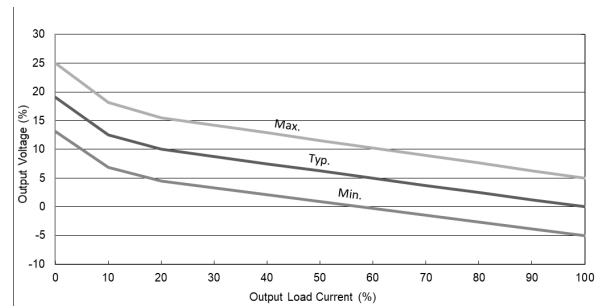### Typical Output Ripple and Noise

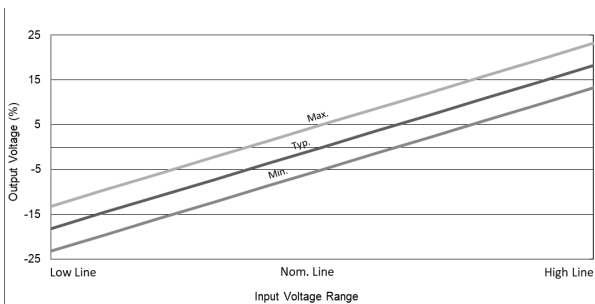### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
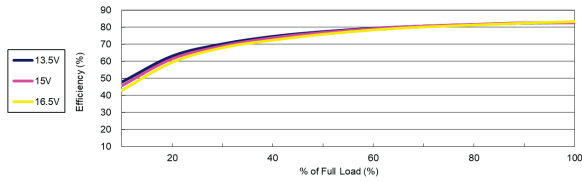

Load Variation versus Output Voltage
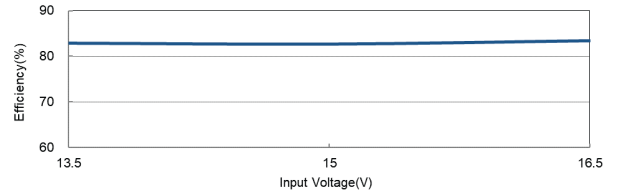

Input Variation versus Output Voltage

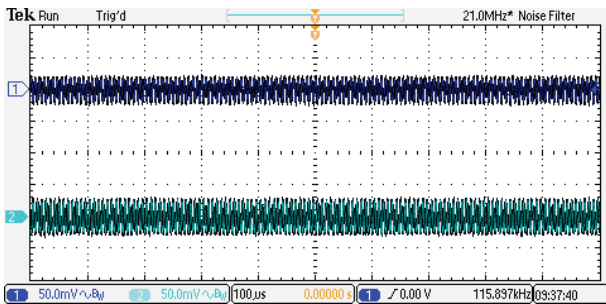# TRACO POWER

TMV 2-1509DHI

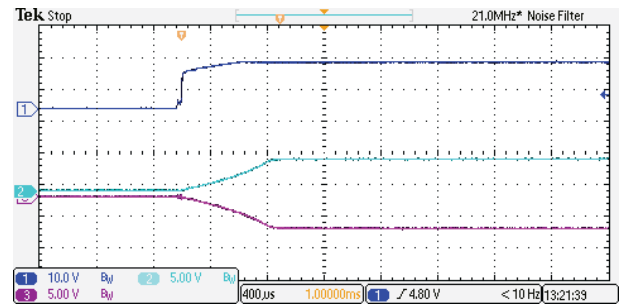### Efficiency versus Output Load
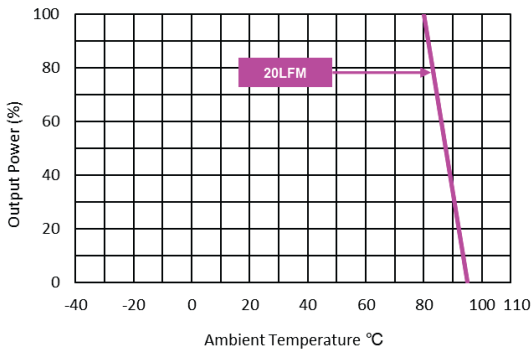

Efficiency versus Input Voltage

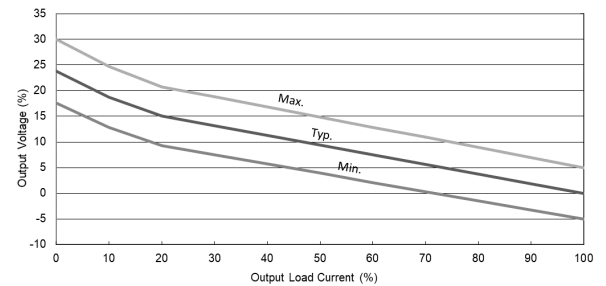### Typical Output Ripple and Noise

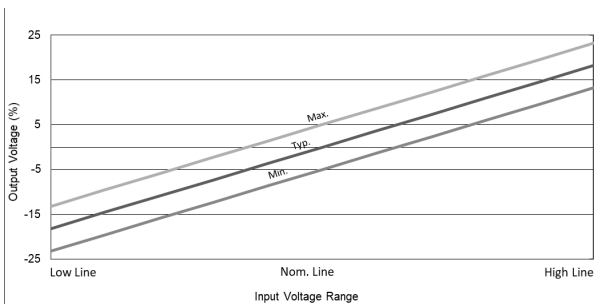### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
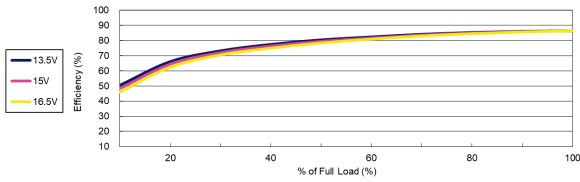

Load Variation versus Output Voltage
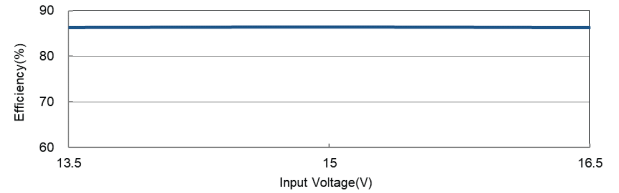

Input Variation versus Output Voltage

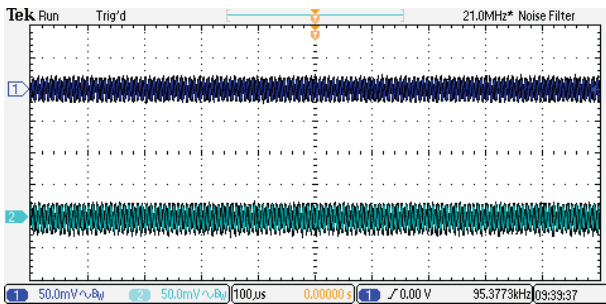**TRACO POWER**

TMV 2-1512DHI

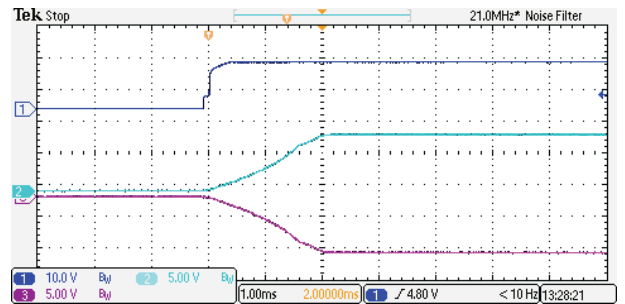### Efficiency versus Output Load
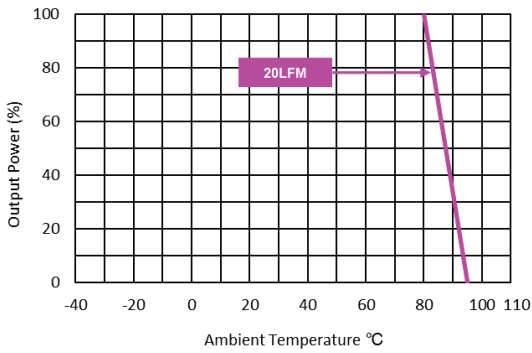

Efficiency versus Input Voltage

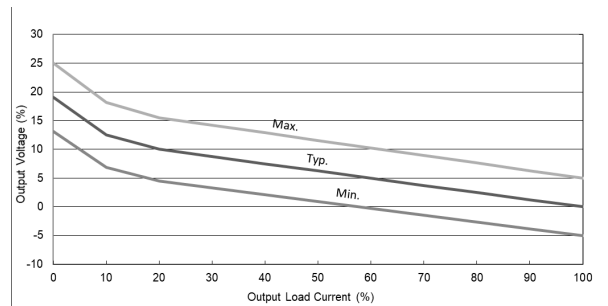### Typical Output Ripple and Noise

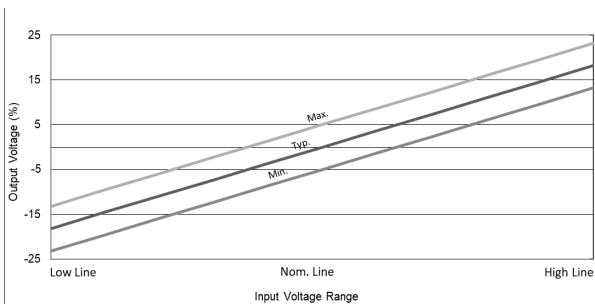### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
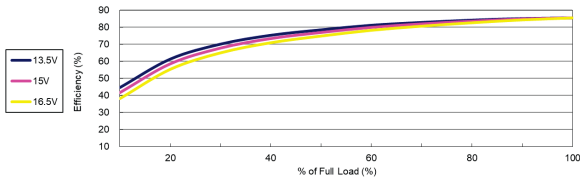

Load Variation versus Output Voltage
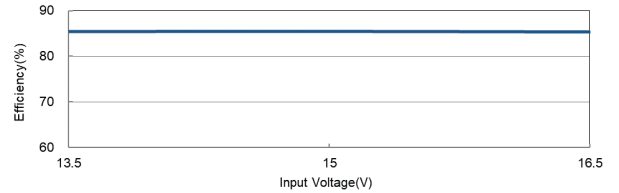

Input Variation versus Output Voltage

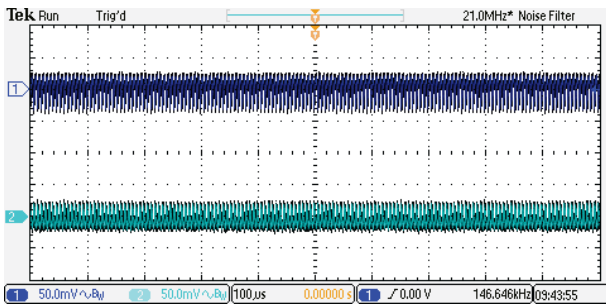# TRACO POWER

TMV 2HI Series

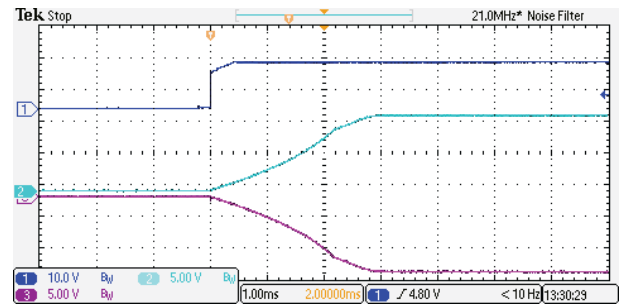## TMV 2-1515DHI

Efficiency versus Output Load

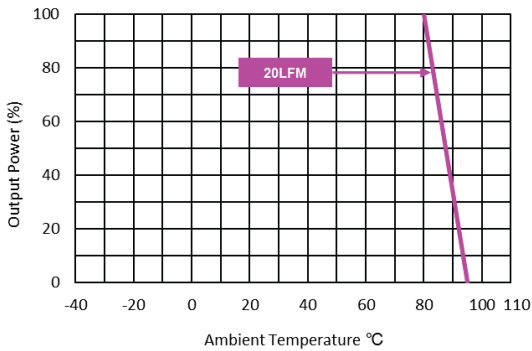**Efficiency versus Input Voltage**

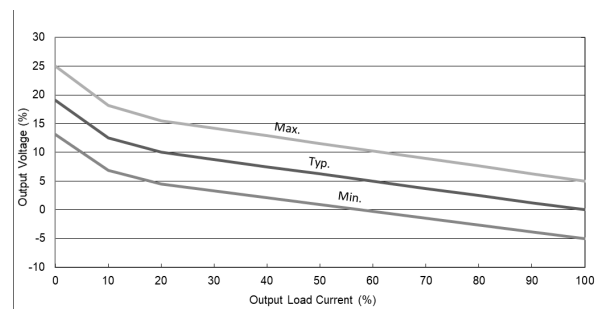**Typical Output Ripple and Noise**
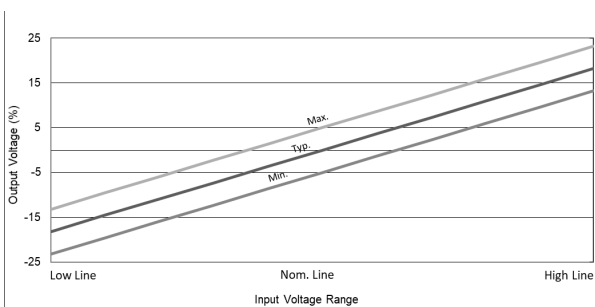
Typical Start-Up and Output Rise Characteristic

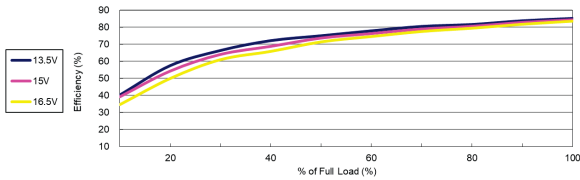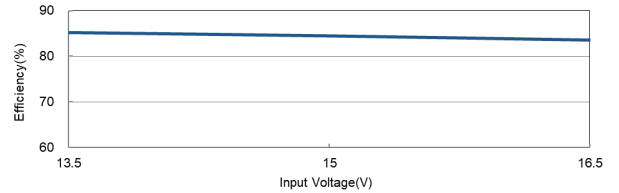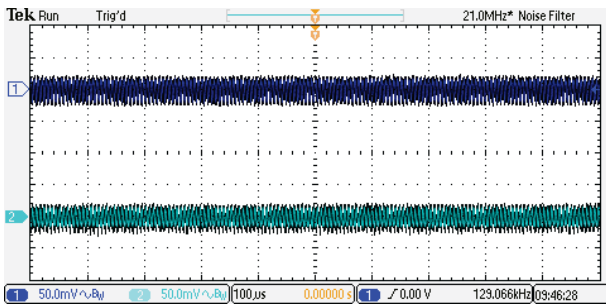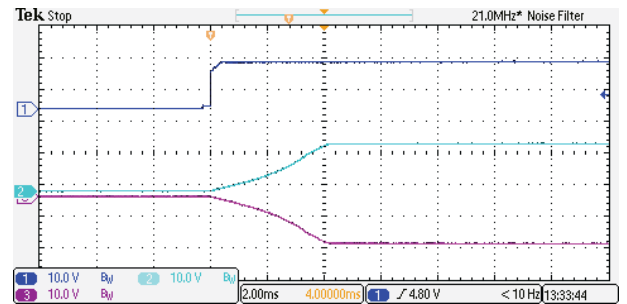**Derating Output Load versus Ambient Temperature**

Load Variation versus Output Voltage

Input Variation versus Output Voltage

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TRACO POWER

TMV 2-15159HI

Efficiency versus Output Load

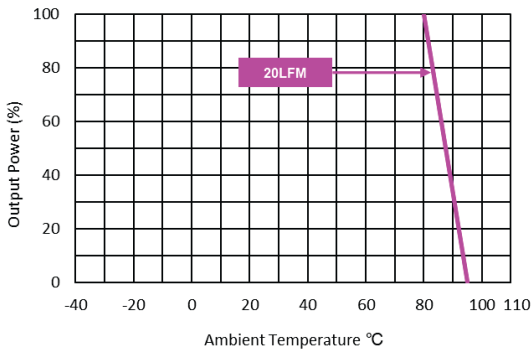### Efficiency versus Input Voltage

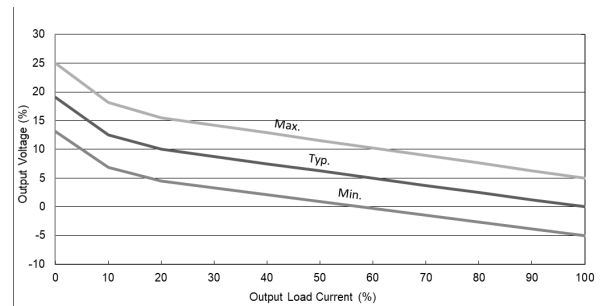### Typical Output Ripple and Noise

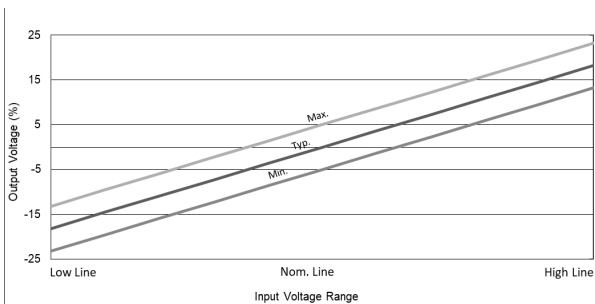### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
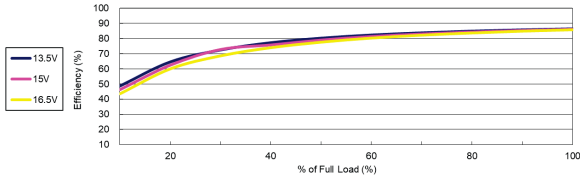

Load Variation versus Output Voltage
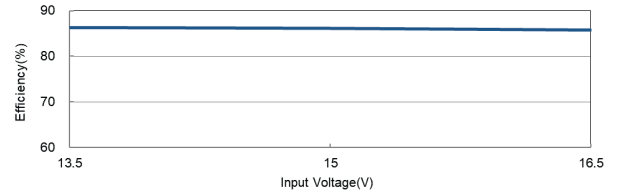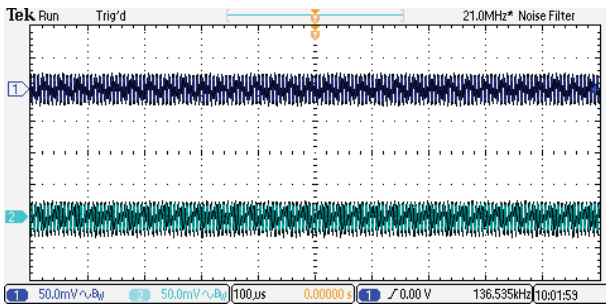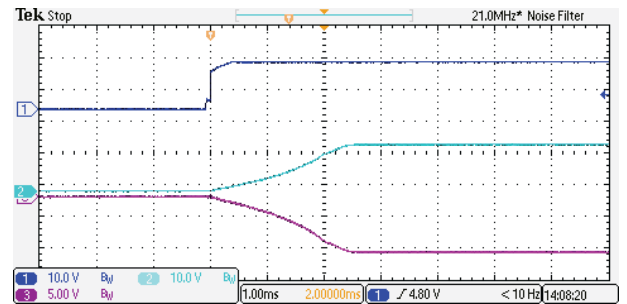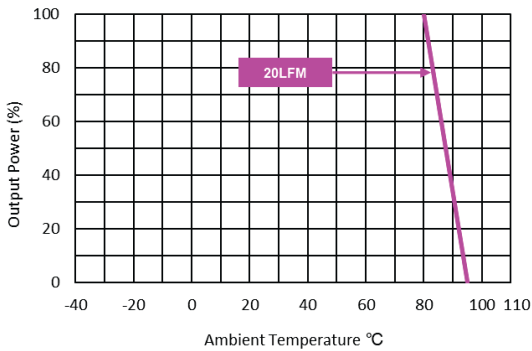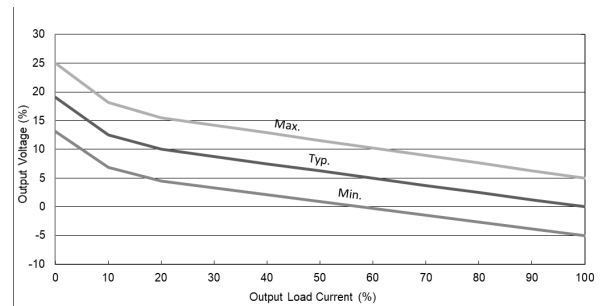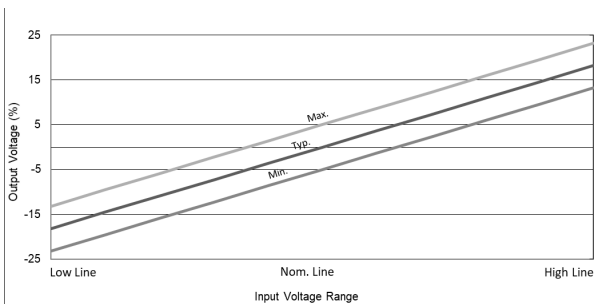

Input Variation versus Output Voltage

TMV 2-2403SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
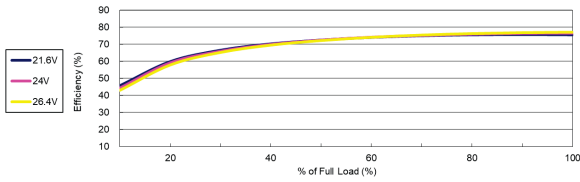

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-2405SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TRACO POWER

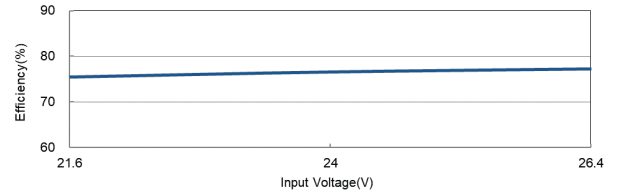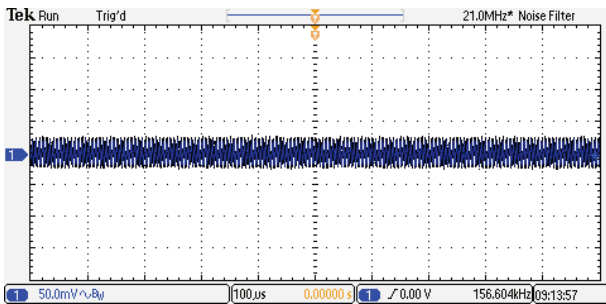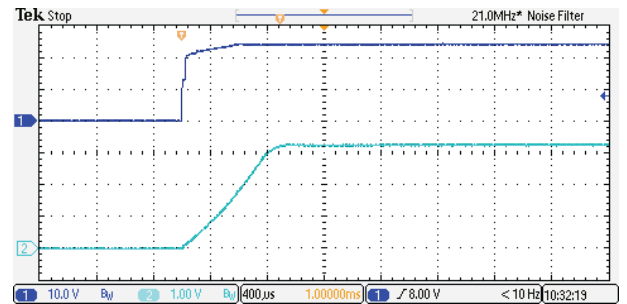## TMV 2-2409SHI

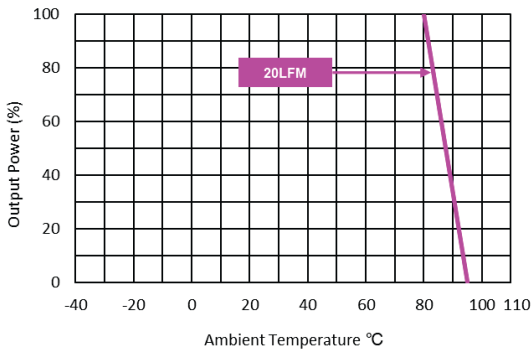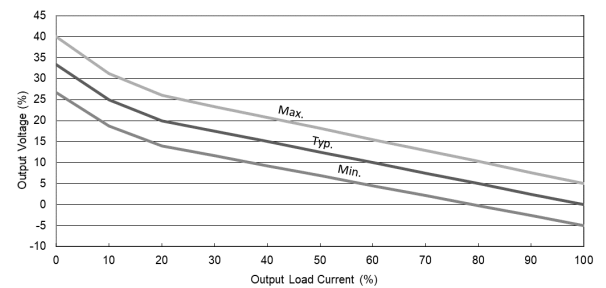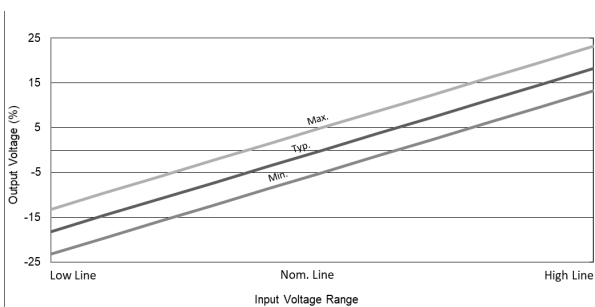Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
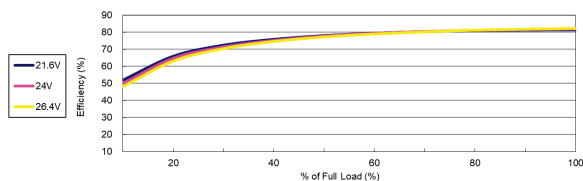

Load Variation versus Output Voltage
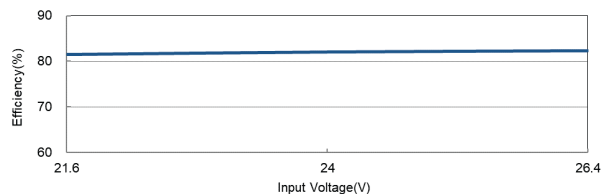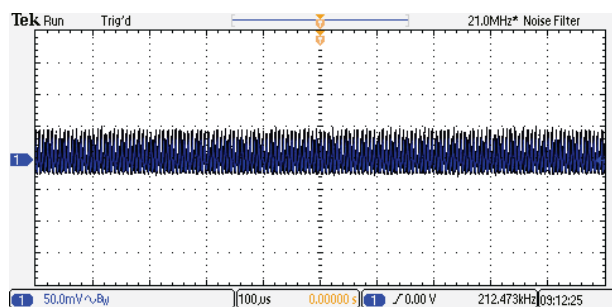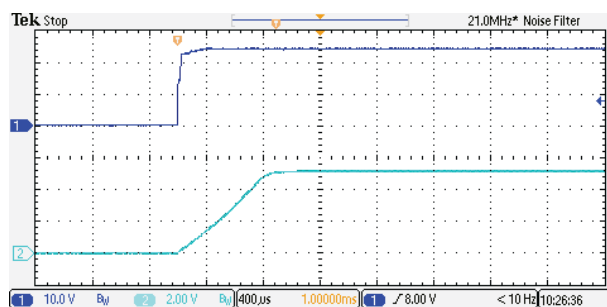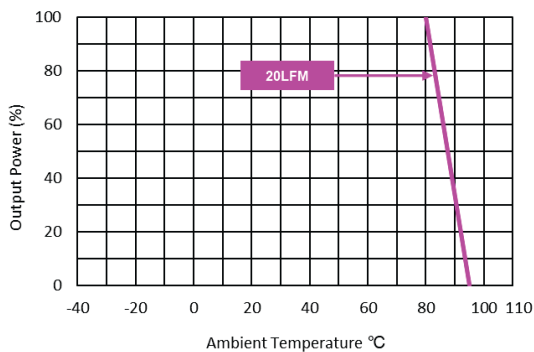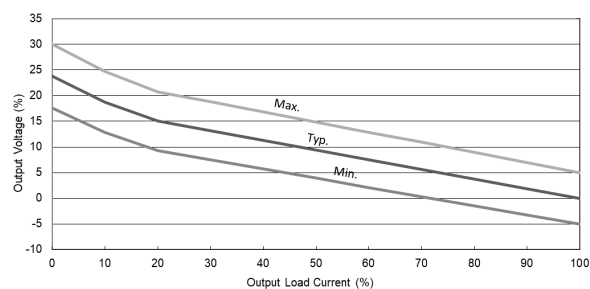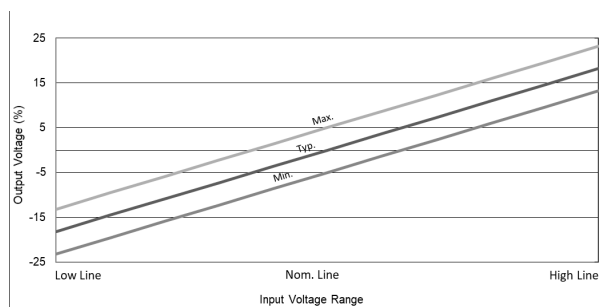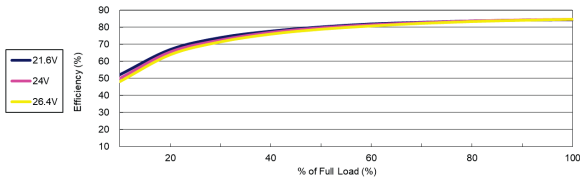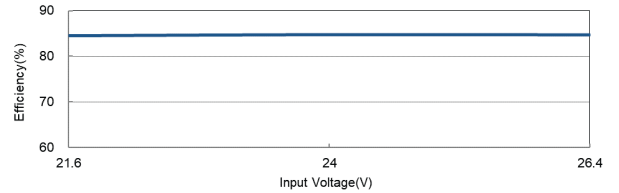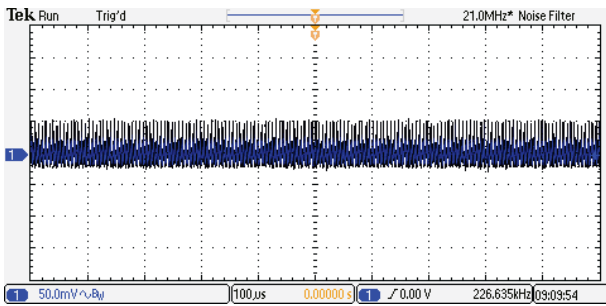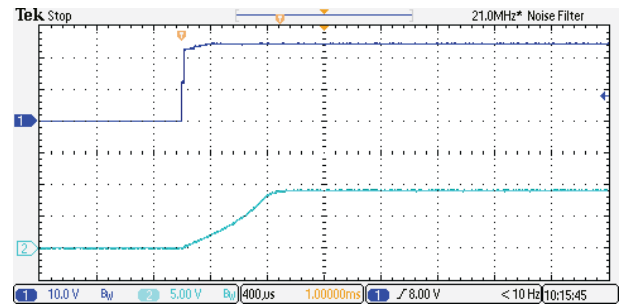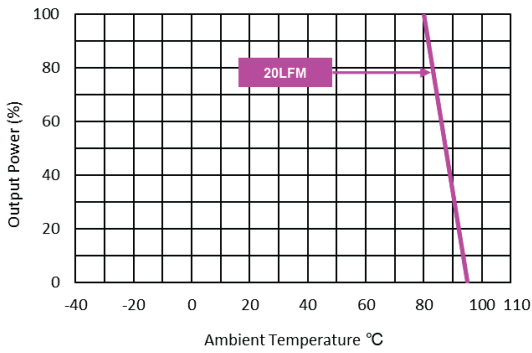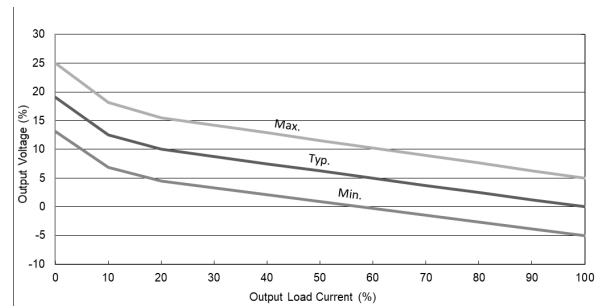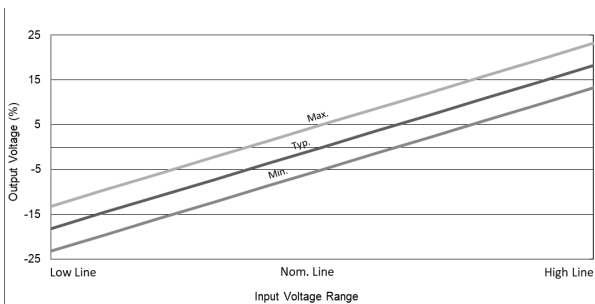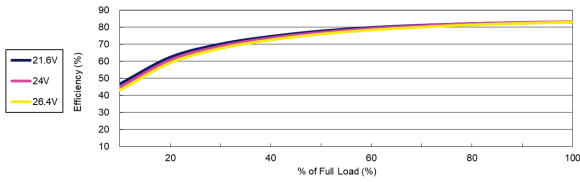

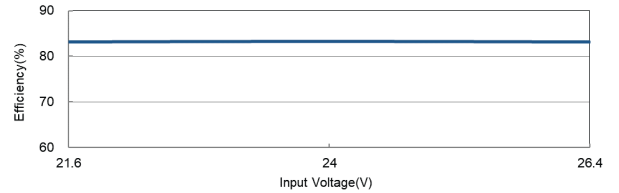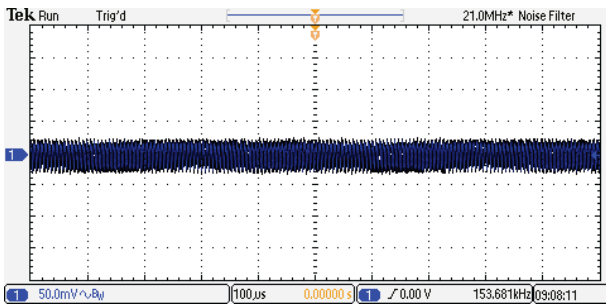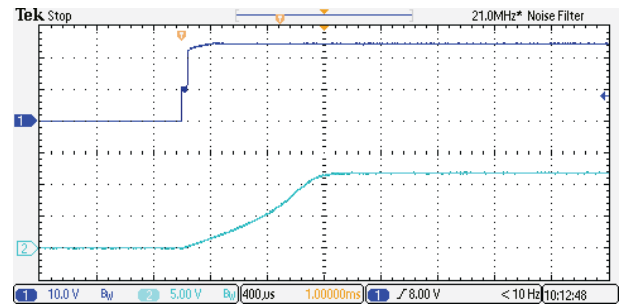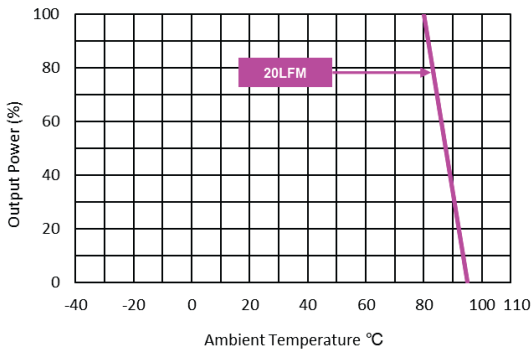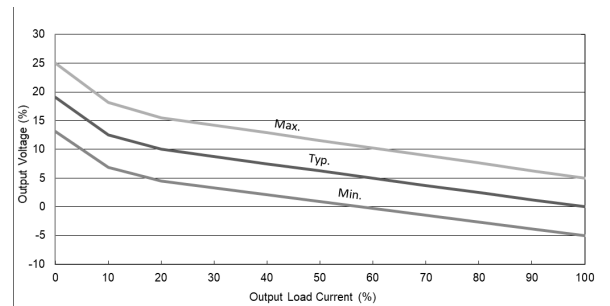Input Variation versus Output Voltage

TMV 2-2412SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-2415SHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

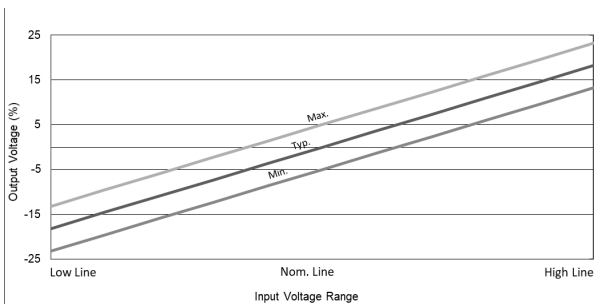### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
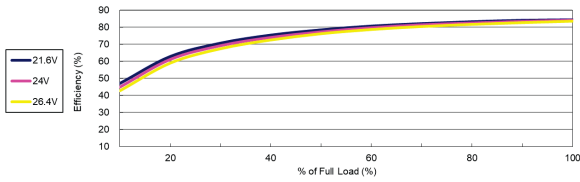

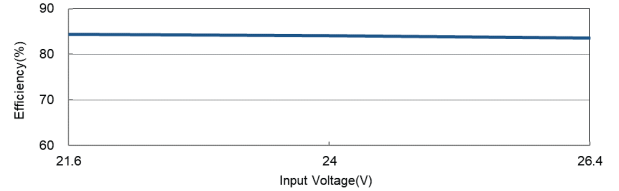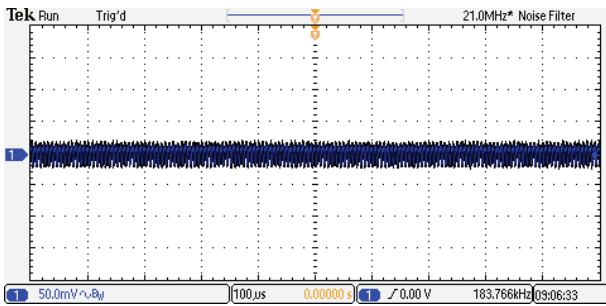### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-2405DHI

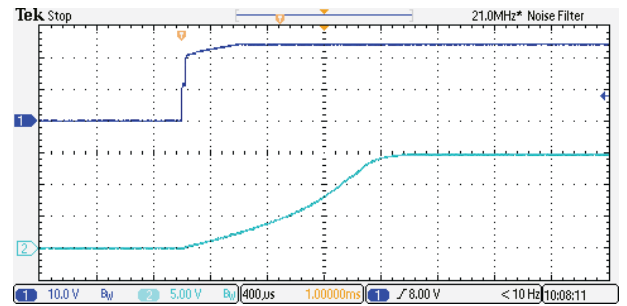### Efficiency versus Output Load
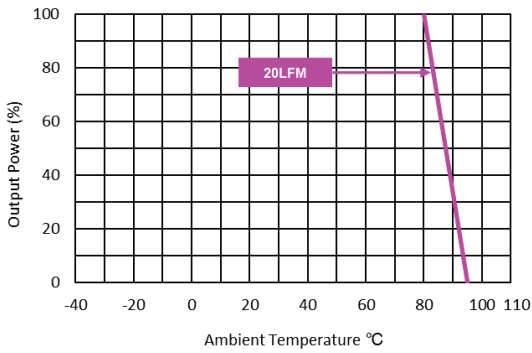

Efficiency versus Input Voltage

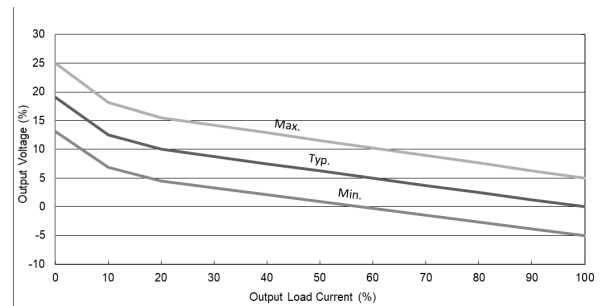### Typical Output Ripple and Noise

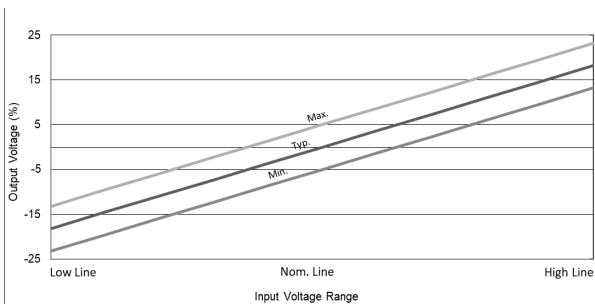### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
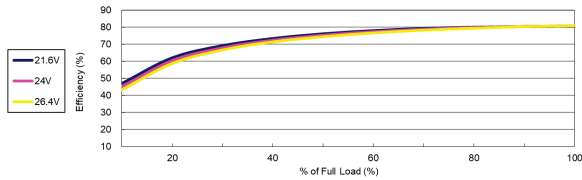

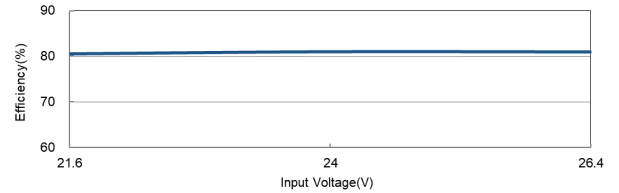### Load Variation versus Output Voltage

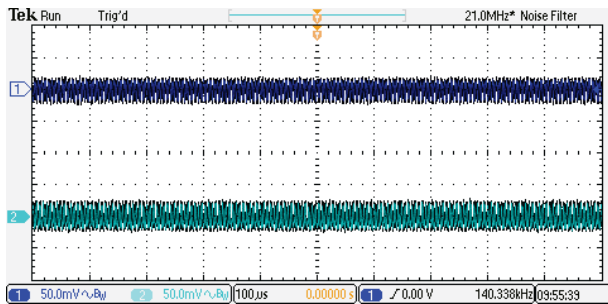### Input Variation versus Output Voltage

TMV 2-2409DHI

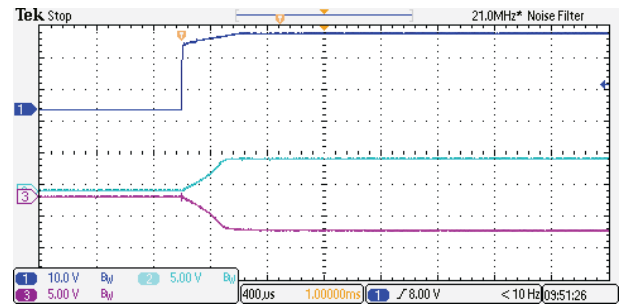#### Efficiency versus Output Load
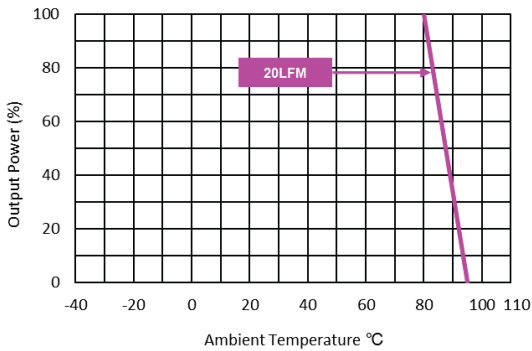

Efficiency versus Input Voltage

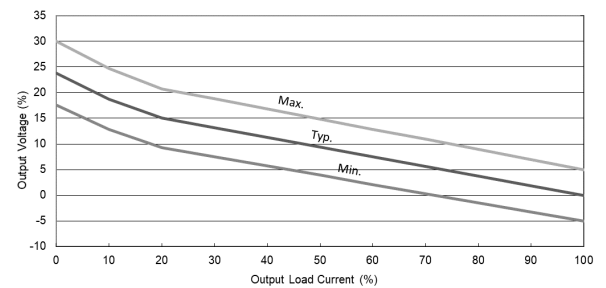#### Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

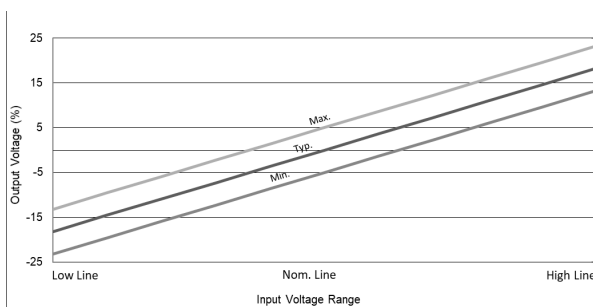#### Derating Output Load versus Ambient Temperature
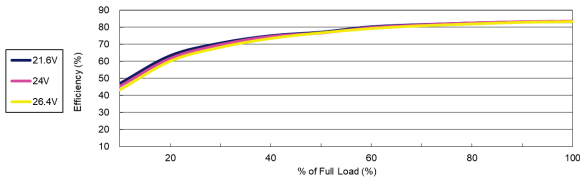

Load Variation versus Output Voltage
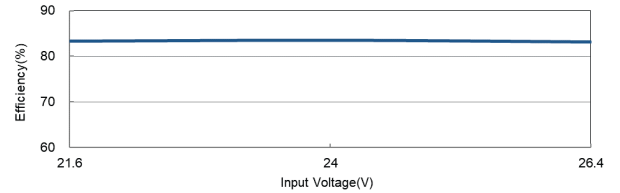

Input Variation versus Output Voltage

TRACO POWER

TMV 2-2412DHI

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Load Variation versus Output Voltage

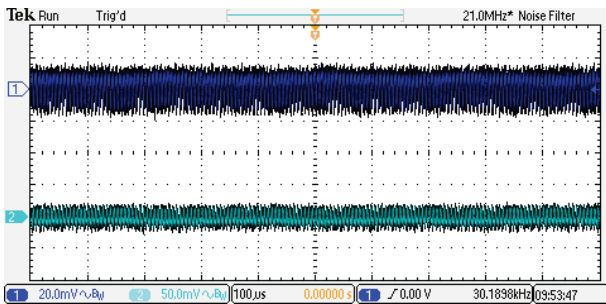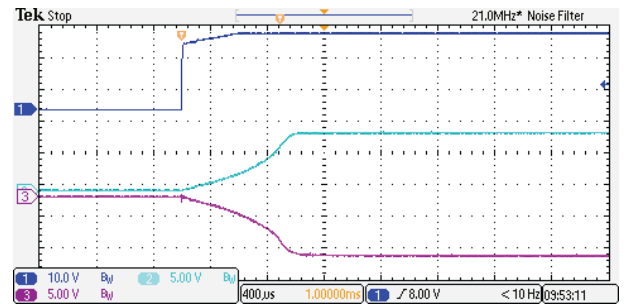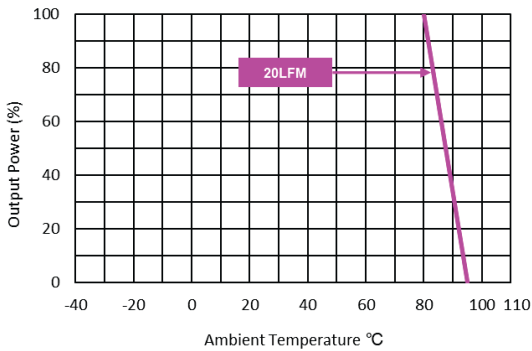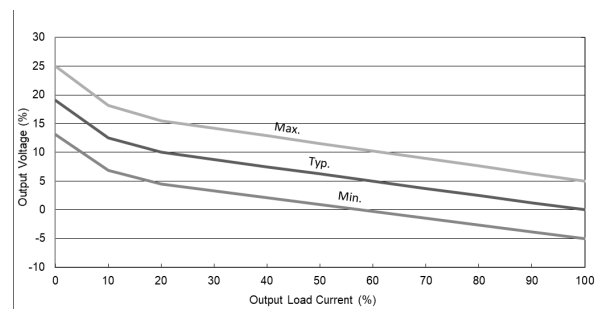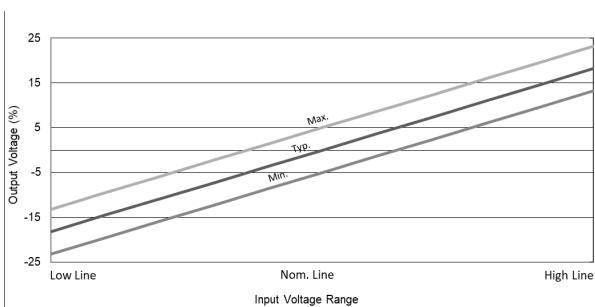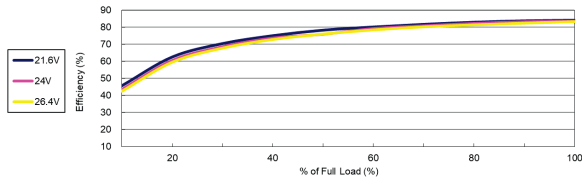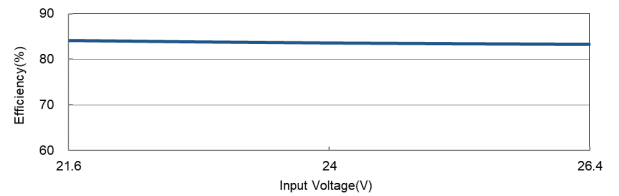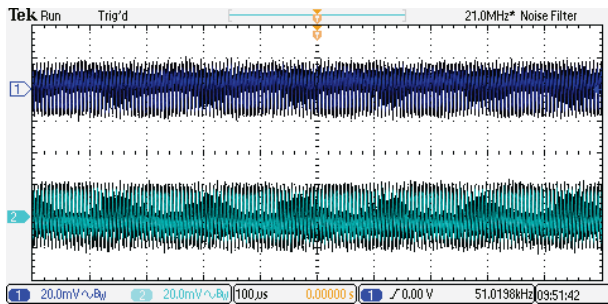### Input Variation versus Output Voltage

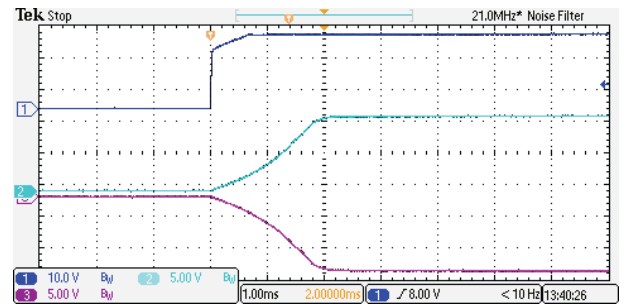## TMV 2-2415DHI

Efficiency versus Output Load

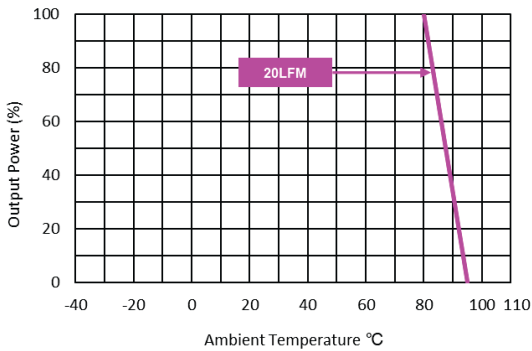### Efficiency versus Input Voltage

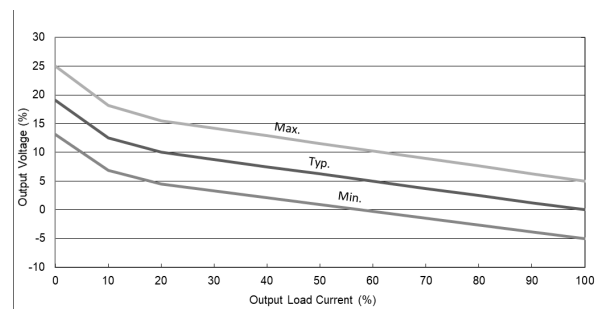### Typical Output Ripple and Noise

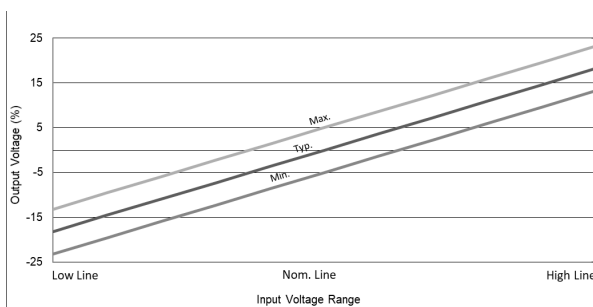### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
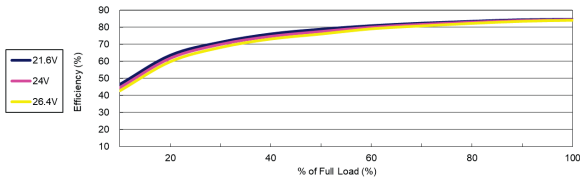

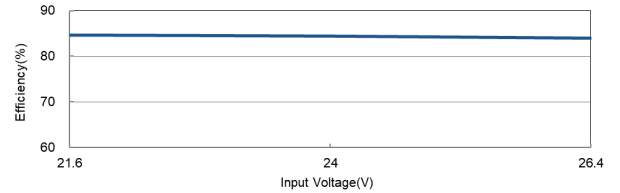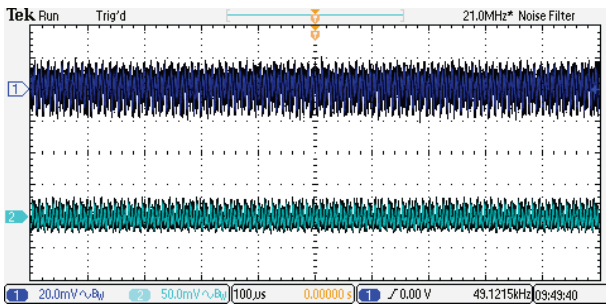### Load Variation versus Output Voltage

Input Variation versus Output Voltage

TMV 2-24159HI

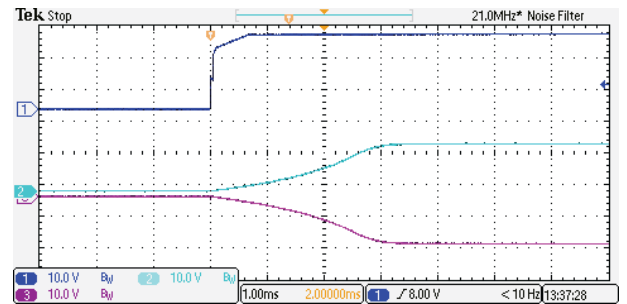### Efficiency versus Output Load
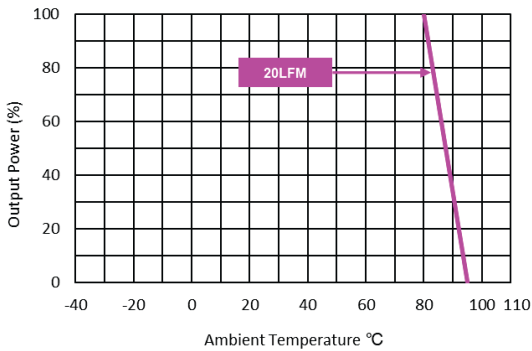

Efficiency versus Input Voltage

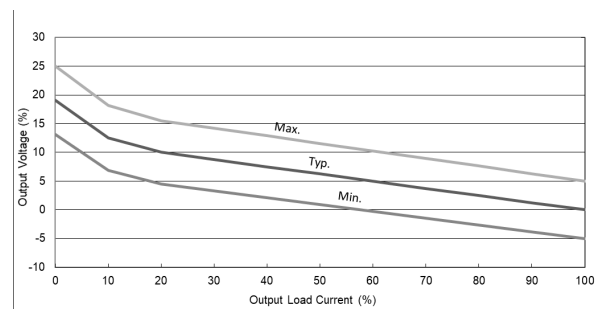### Typical Output Ripple and Noise

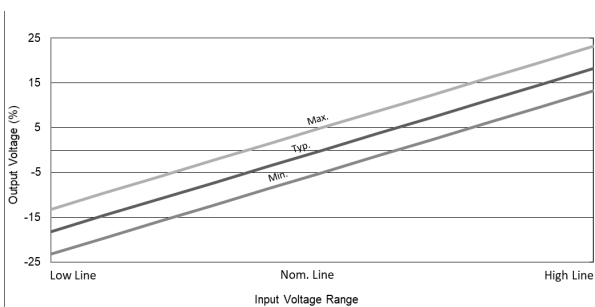### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature
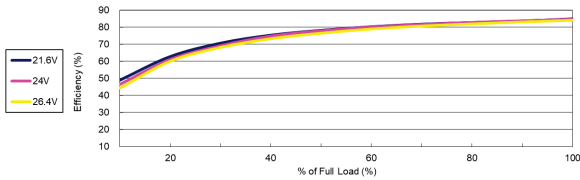

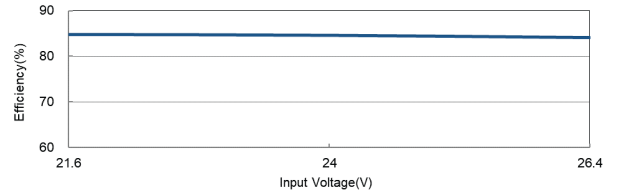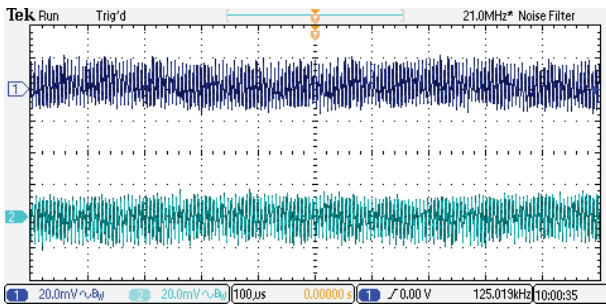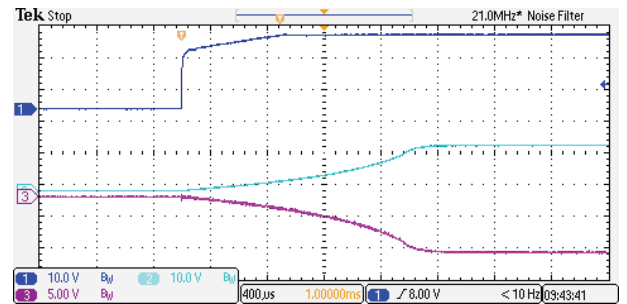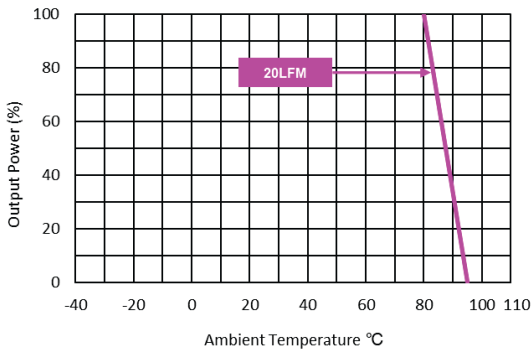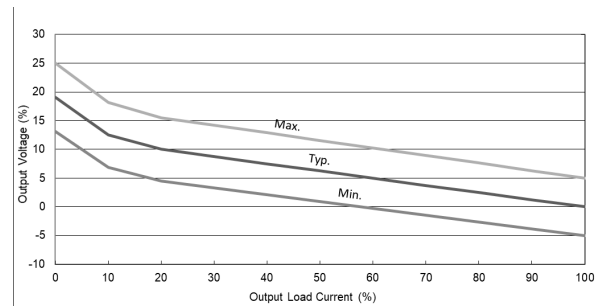### Load Variation versus Output Voltage

Input Variation versus Output Voltage

Specifications can be changed without notice!