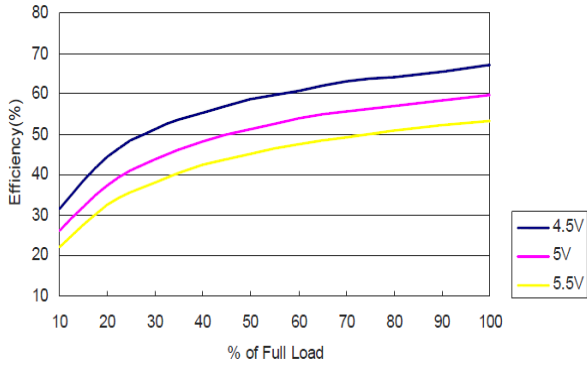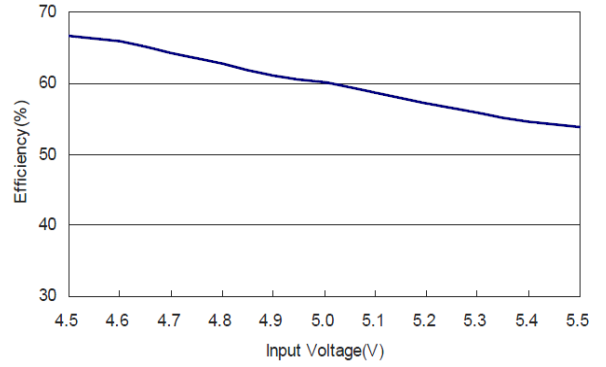# TRACO POWER

Characteristic Curves
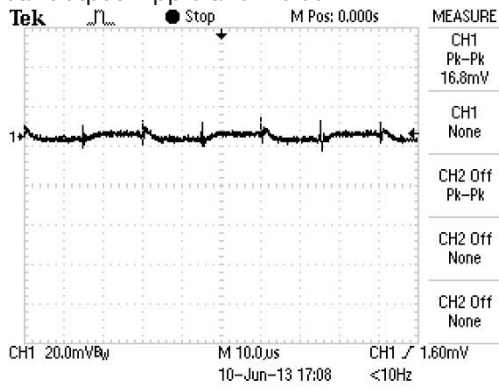
THI 3-0511

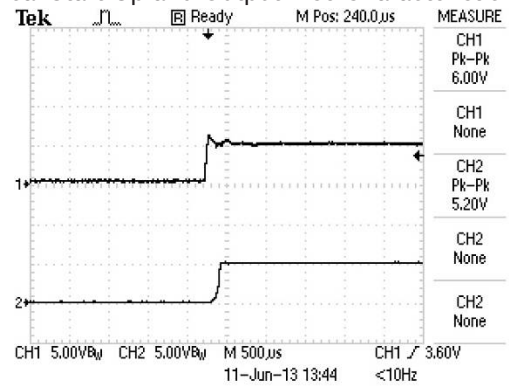Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

III TRACO POWER

THI 3-0512

Efficiency versus Output Load
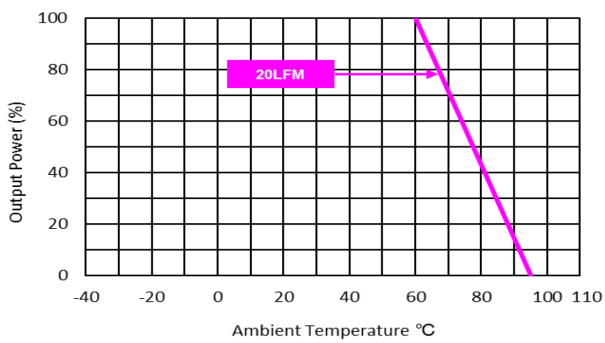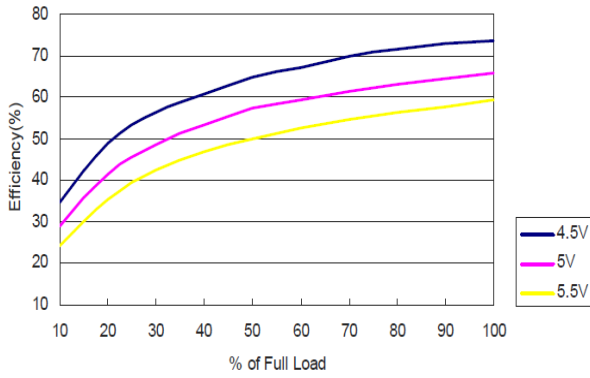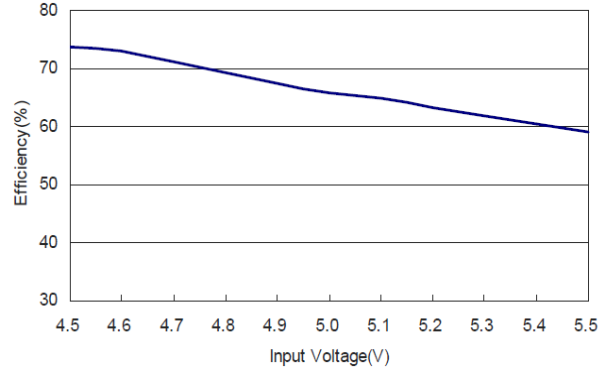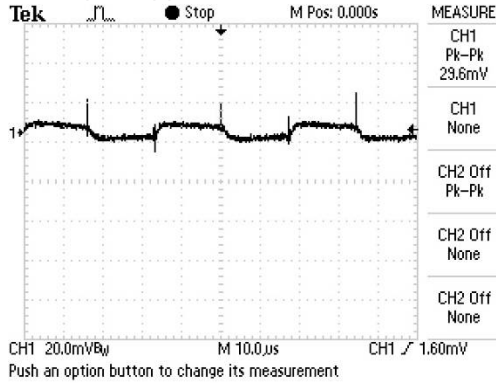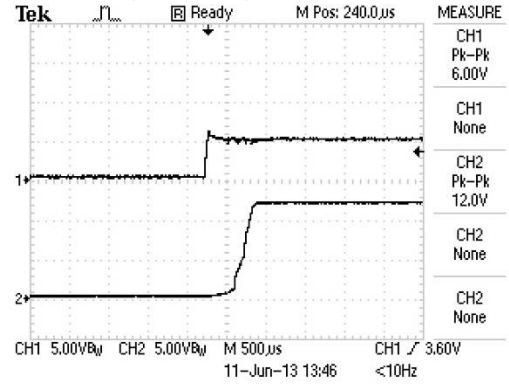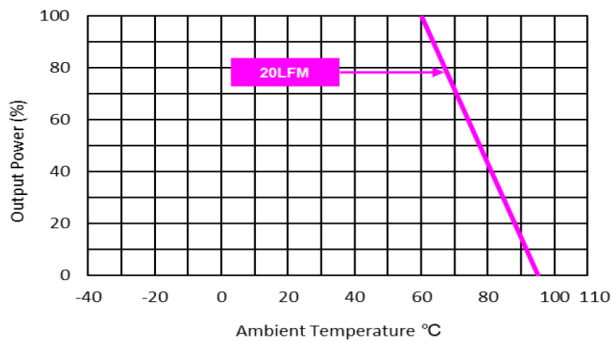

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THI 3-0513

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

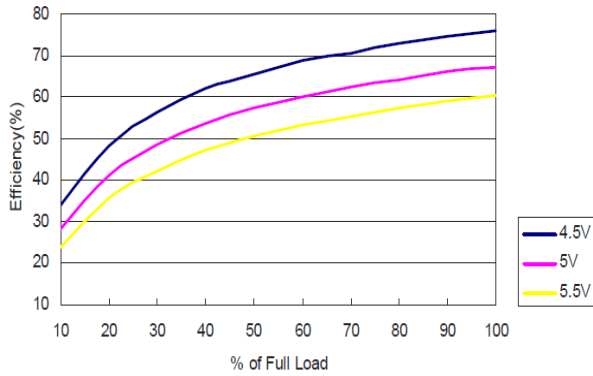### Typical Start-Up and Output Rise Characteristic

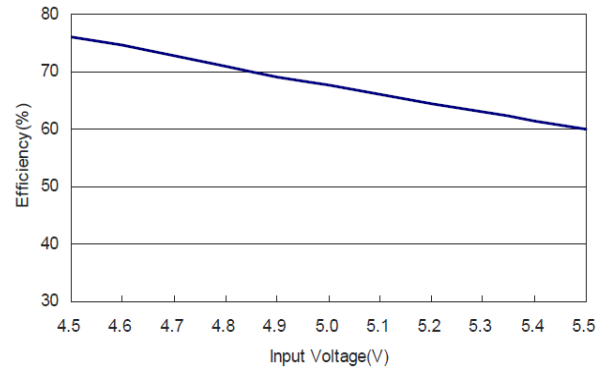### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
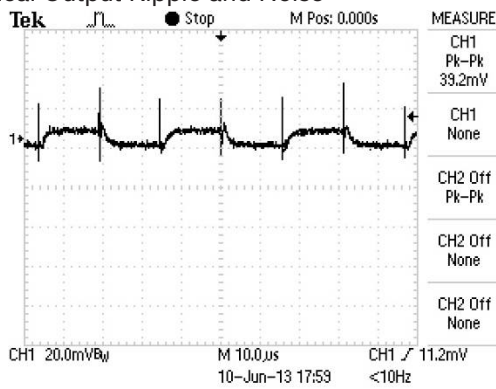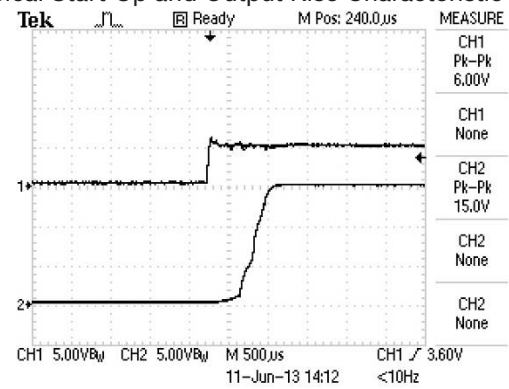
THI 3-0522

Efficiency versus Output Load

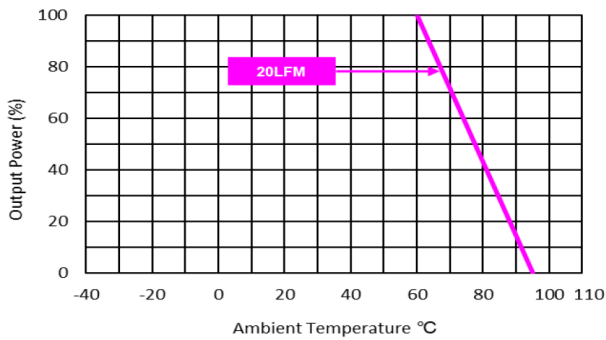### Efficiency versus Input Voltage

Typical Output Ripple and Noise

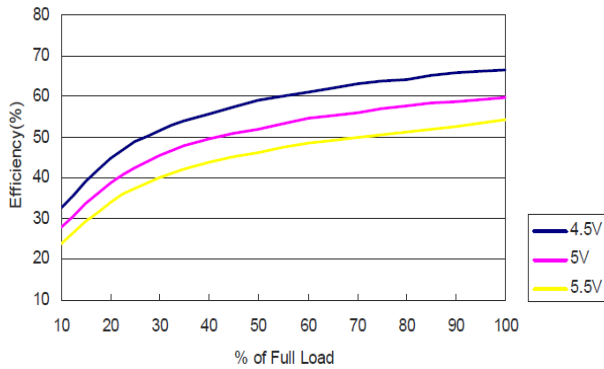### Typical Start-Up and Output Rise Characteristic

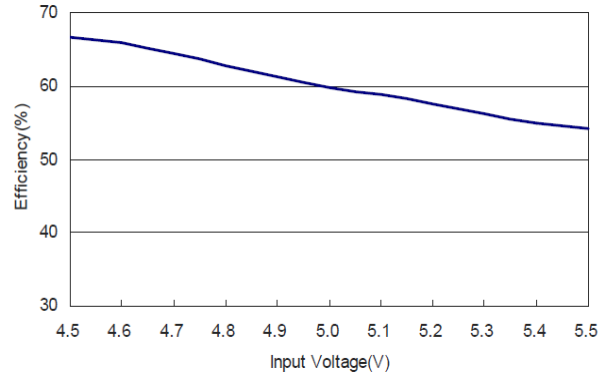### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
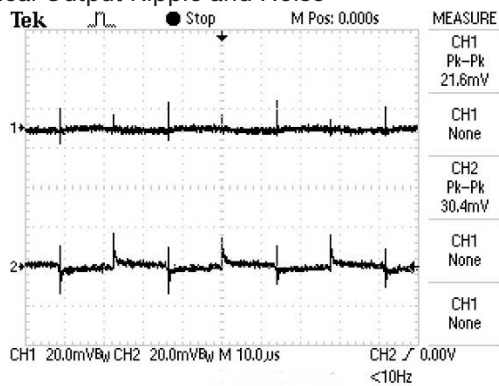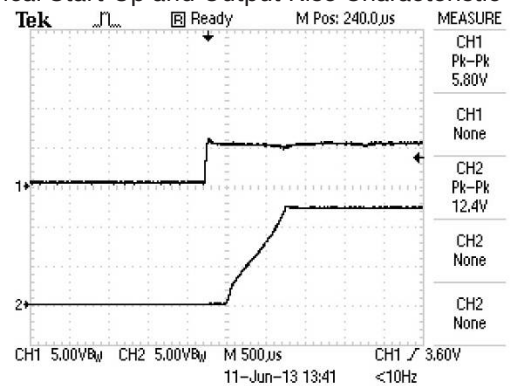
THI 3-0523

Efficiency versus Output Load

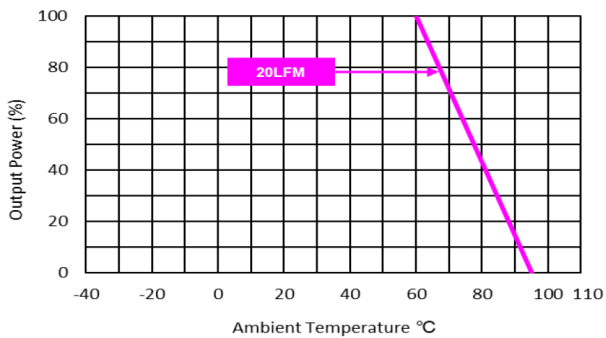### Efficiency versus Input Voltage

Typical Output Ripple and Noise

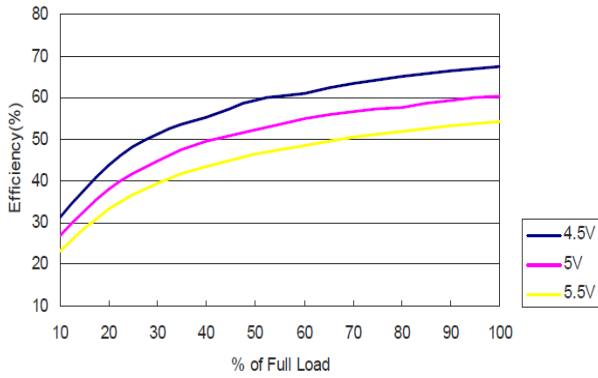### Typical Start-Up and Output Rise Characteristic

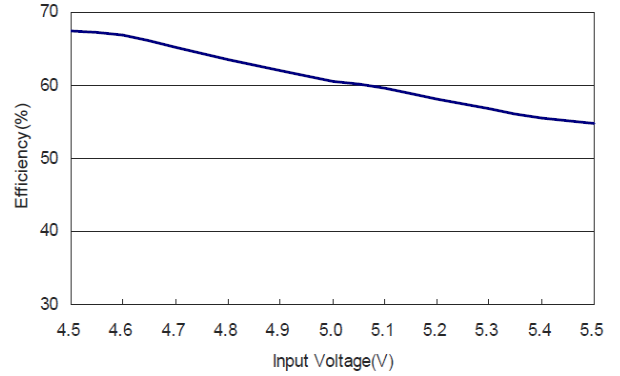### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
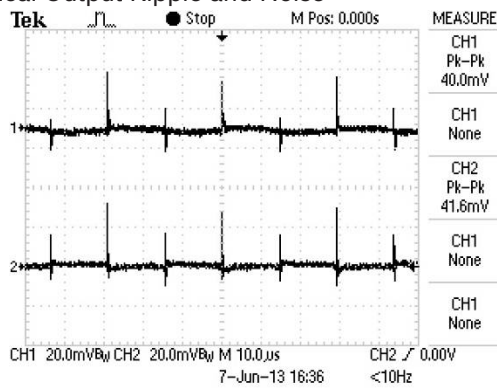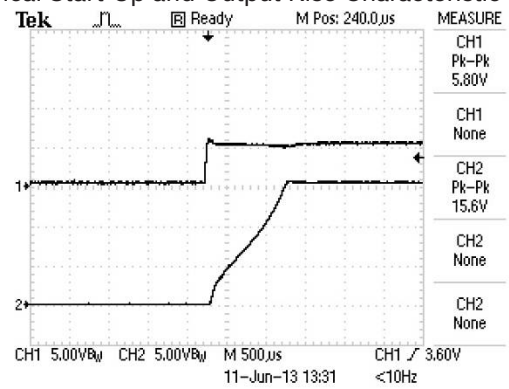
THI 3-1211

Efficiency versus Output Load

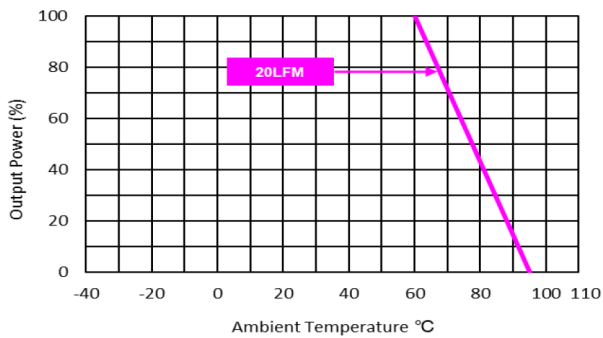### Efficiency versus Input Voltage

Typical Output Ripple and Noise

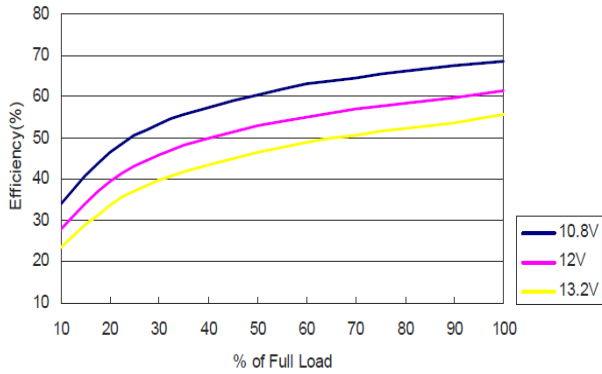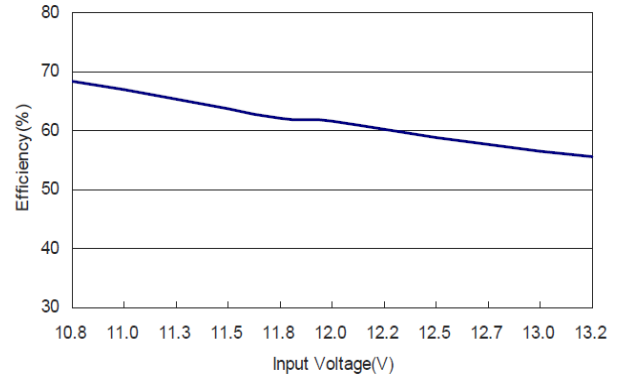### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
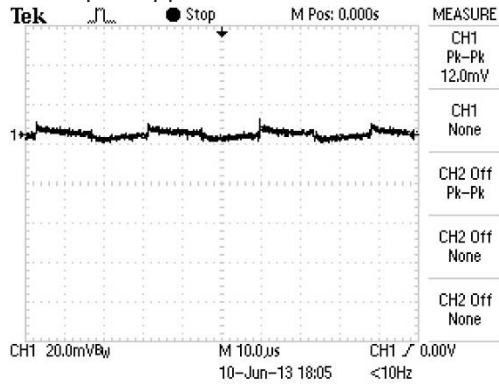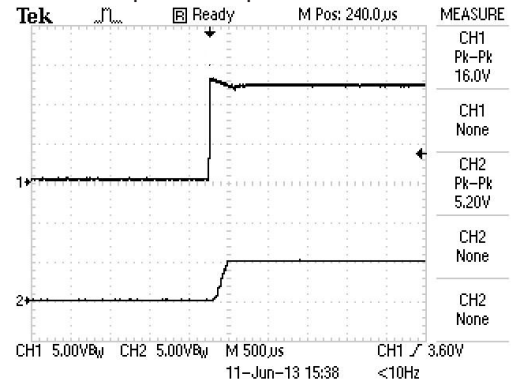
TRACO POWER

THI 3-1212

Efficiency versus Output Load

- 10.8V
- 12V
- 13.2V

Efficiency versus Input Voltage
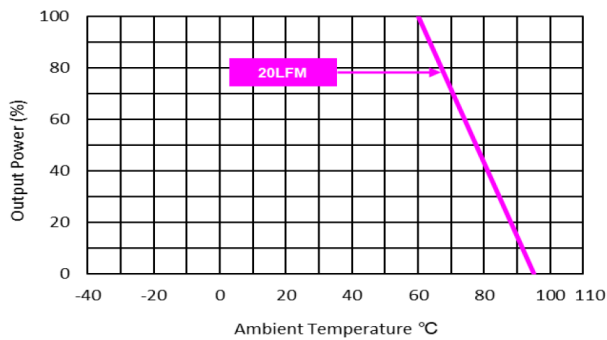

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic
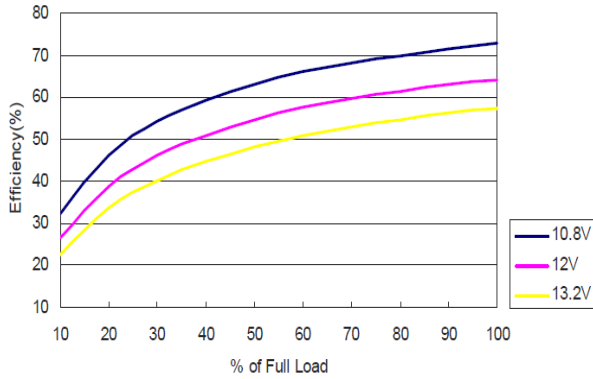

Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TRACO POWER

THI 3-1213

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

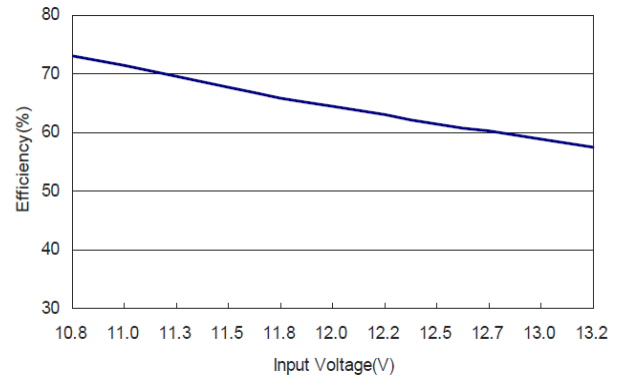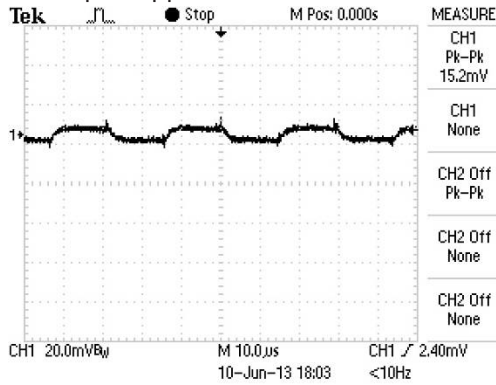#### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
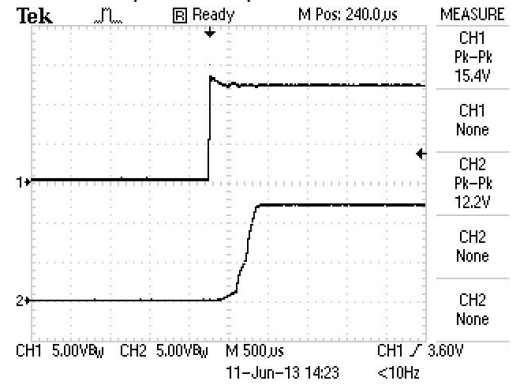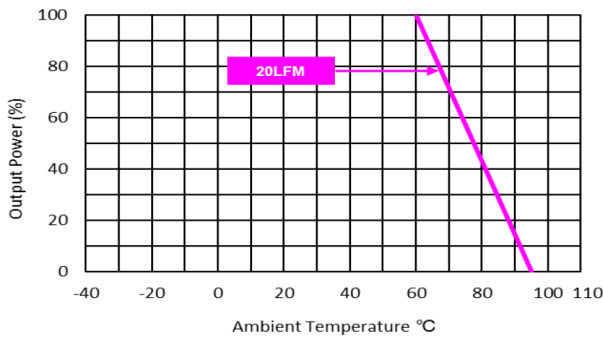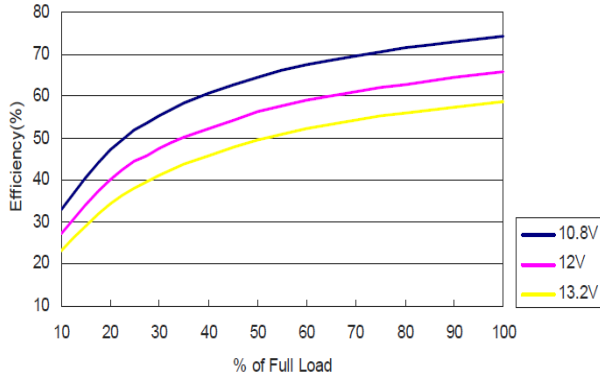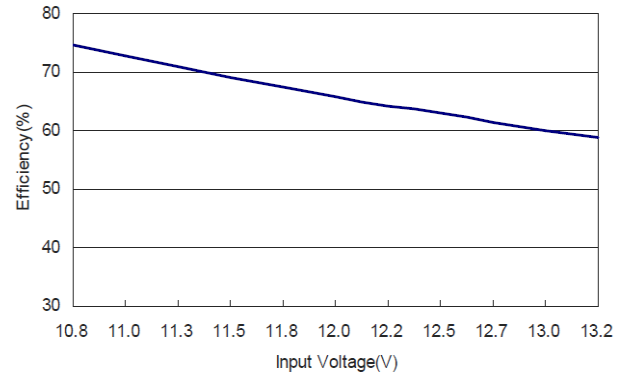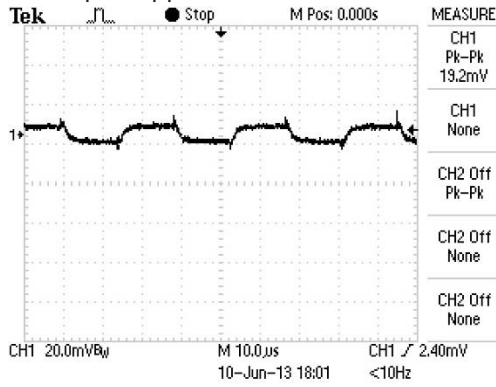
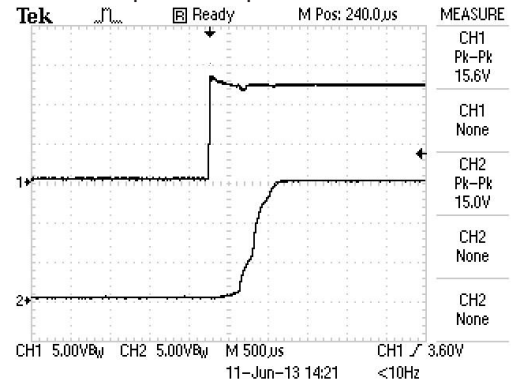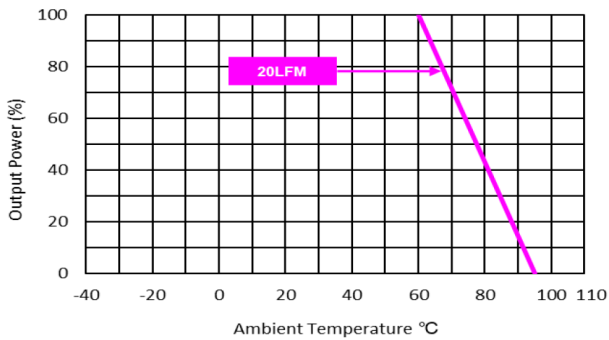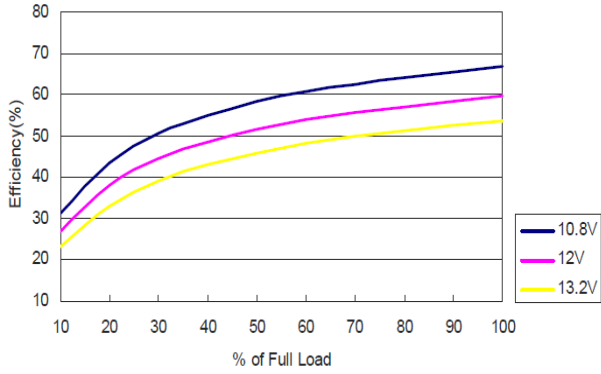## THI 3-1222

Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

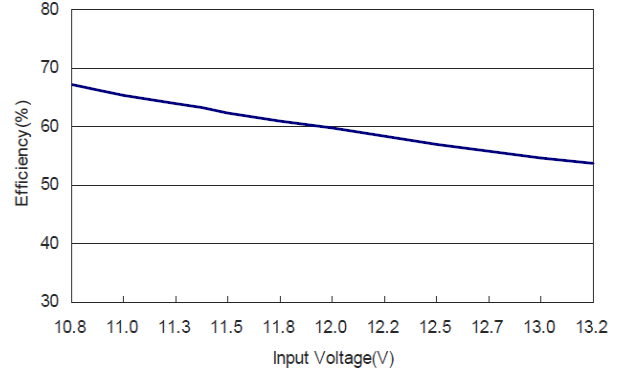### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
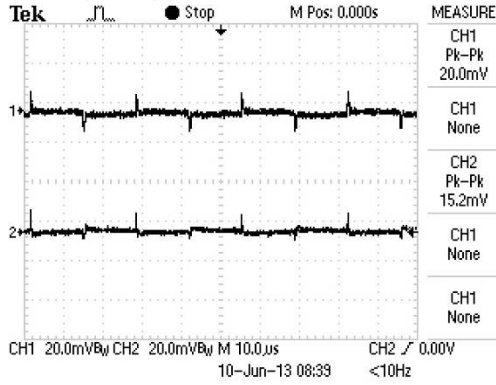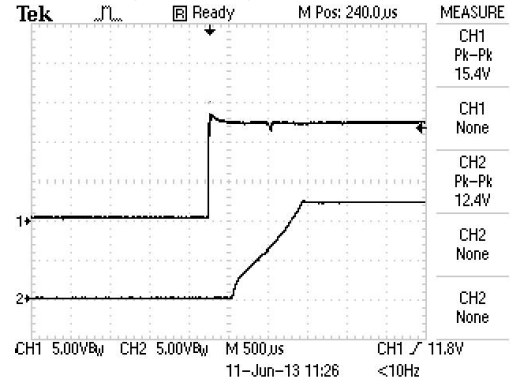
THI 3-1223

Efficiency versus Output Load

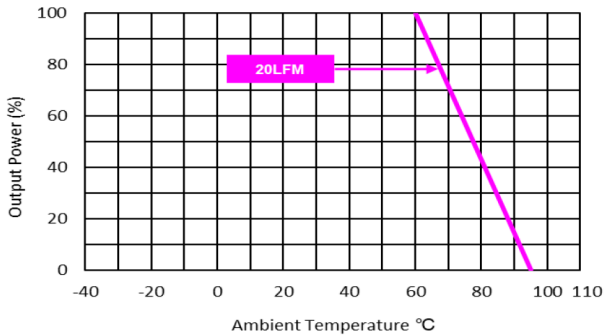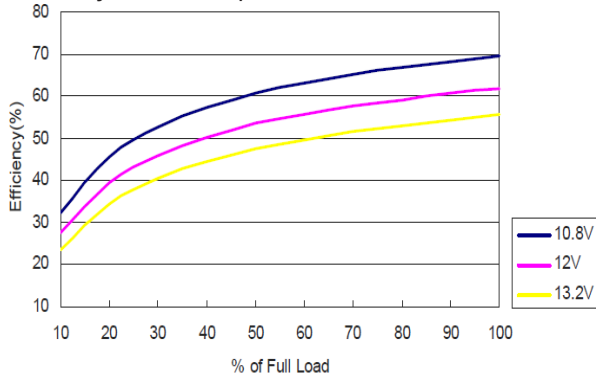### Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

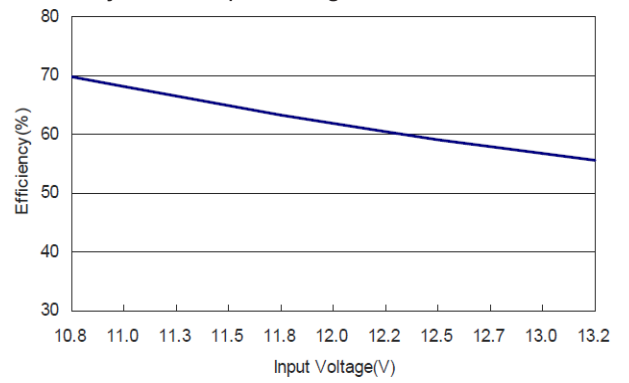### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
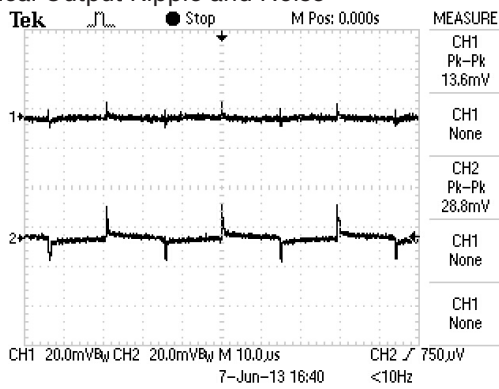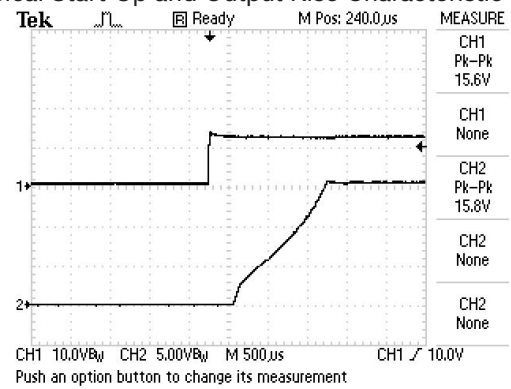
THI 3-2411

Efficiency versus Output Load

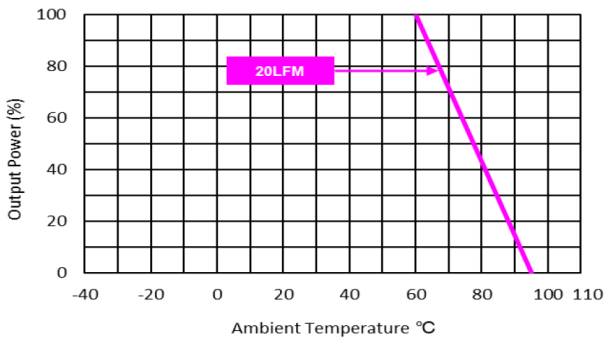### Efficiency versus Input Voltage

Typical Output Ripple and Noise

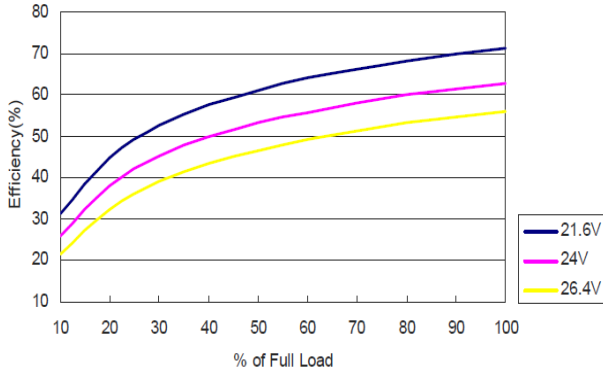### Typical Start-Up and Output Rise Characteristic

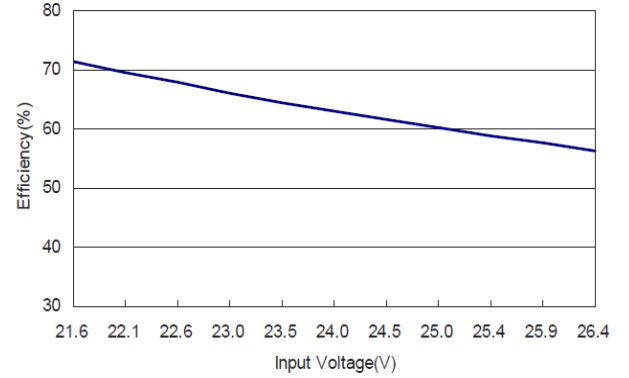### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
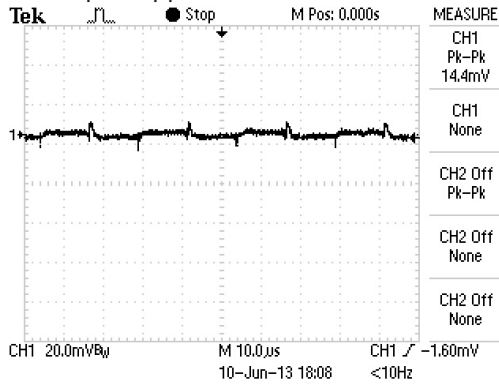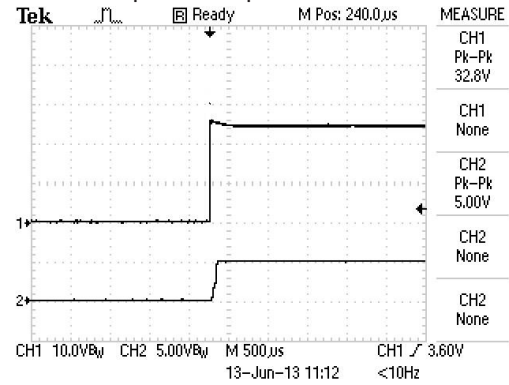
THI 3-2412

Efficiency versus Output Load

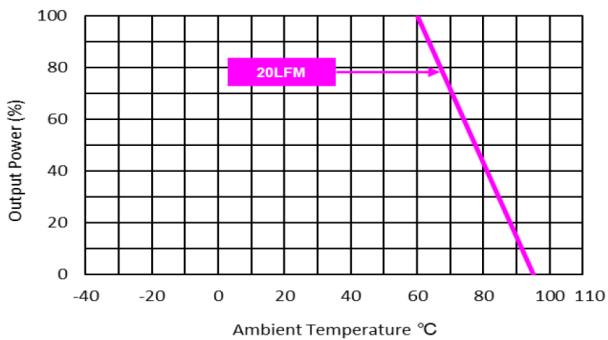### Efficiency versus Input Voltage

Typical Output Ripple and Noise

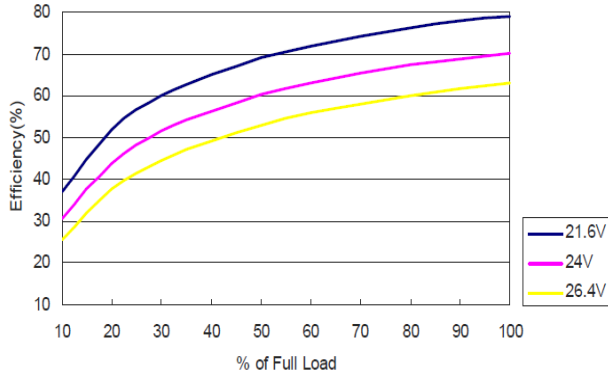### Typical Start-Up and Output Rise Characteristic

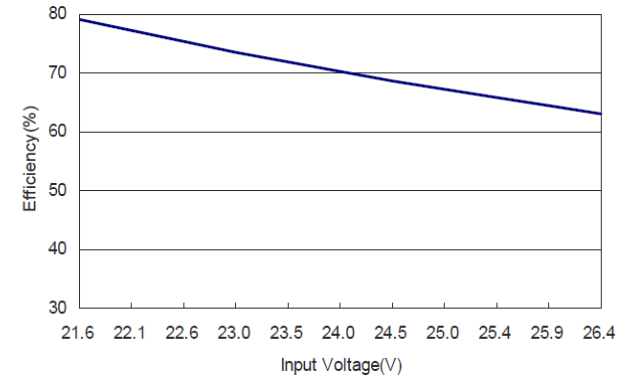### Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
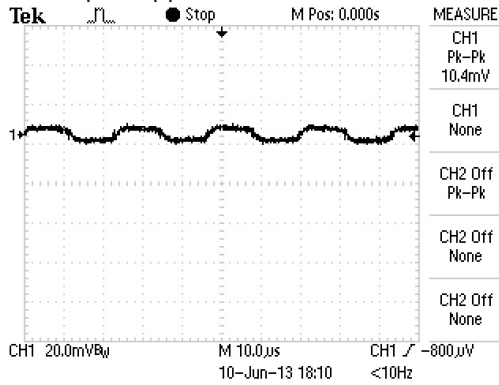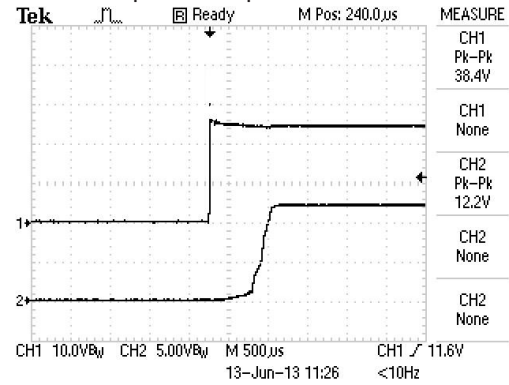
THI 3-2413

Efficiency versus Output Load

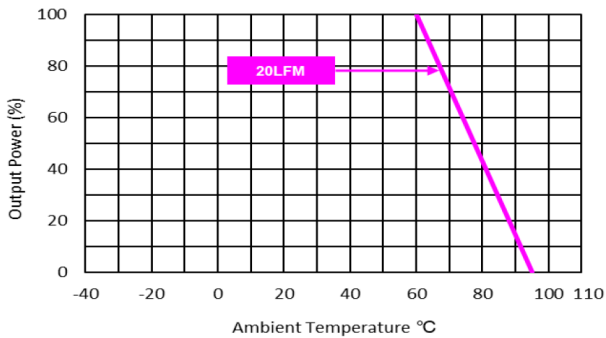### Efficiency versus Input Voltage

Typical Output Ripple and Noise

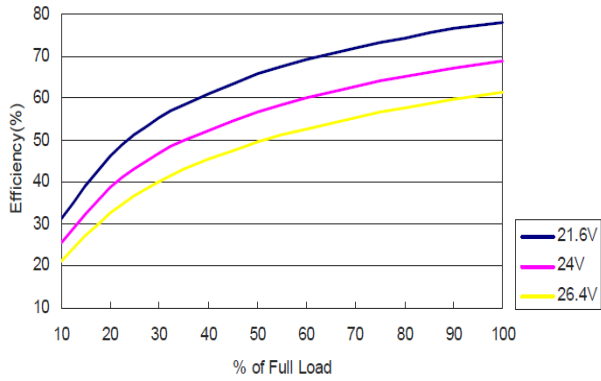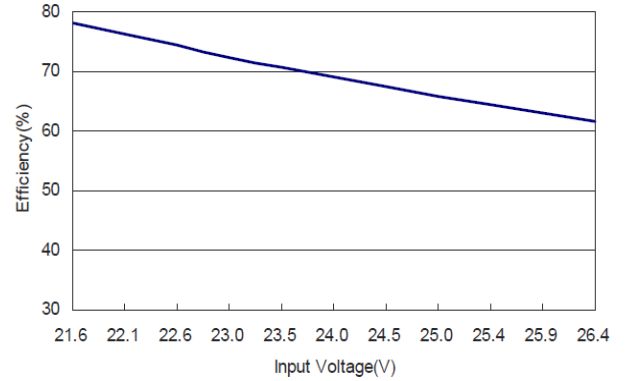### Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
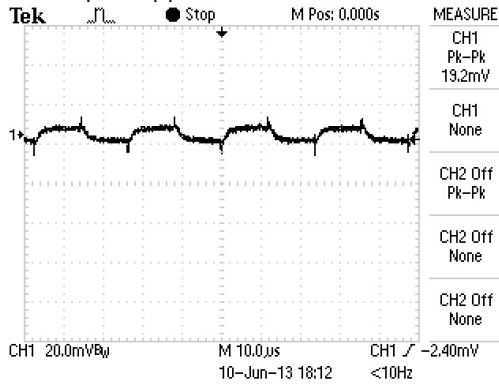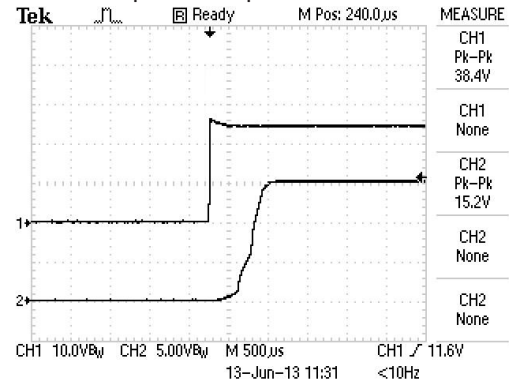
TRACO POWER

THI 3-2422

Efficiency versus Output Load

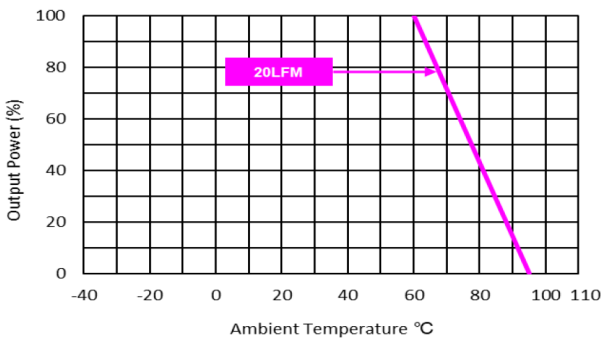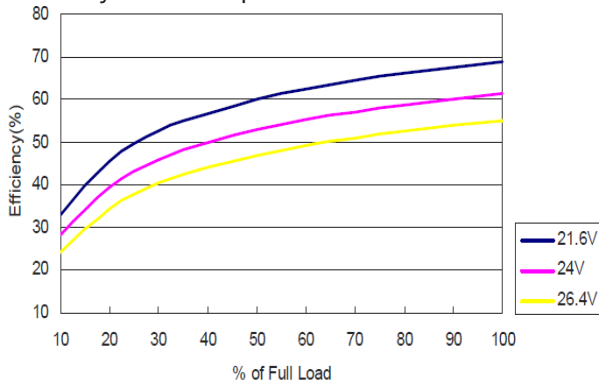### Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

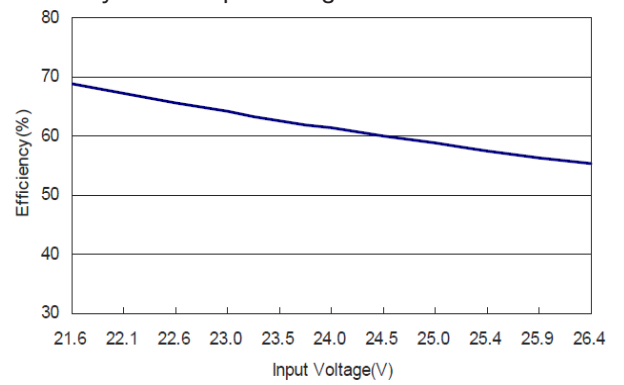
Derating Output Load versus Ambient Temperature

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.
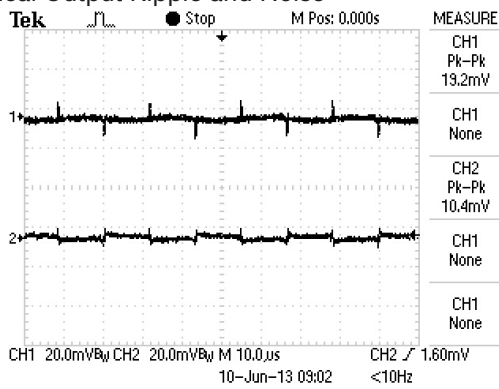
THI 3-2423
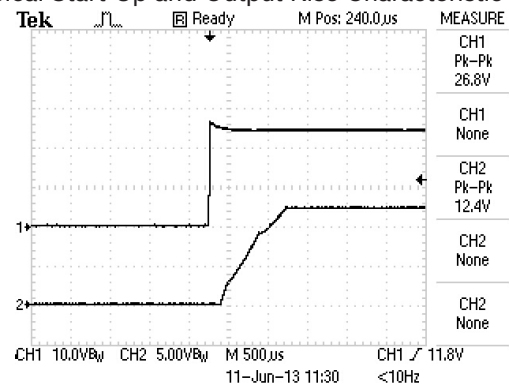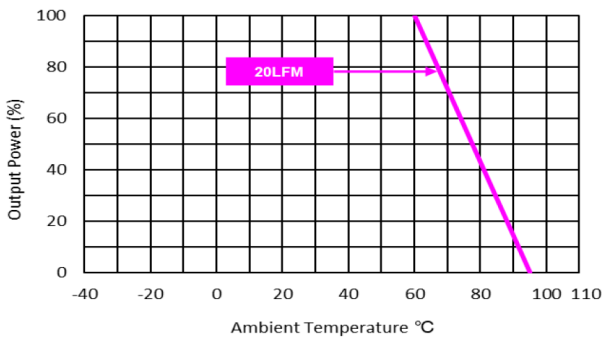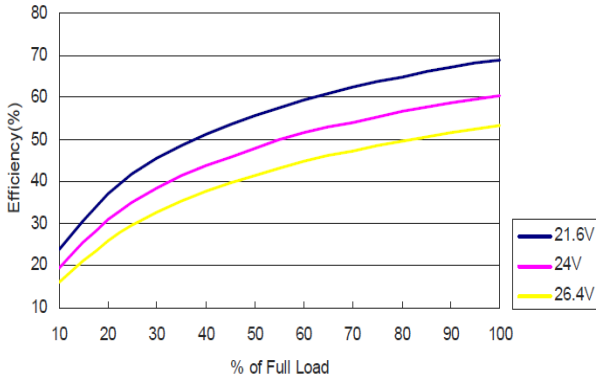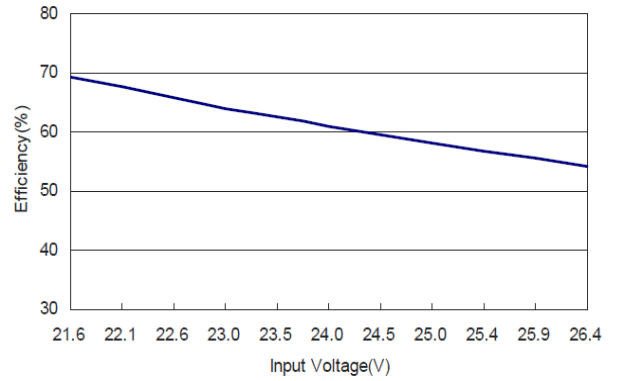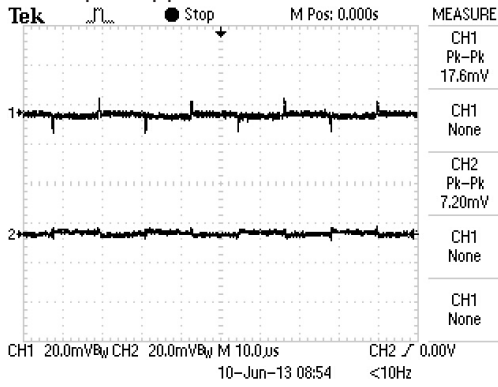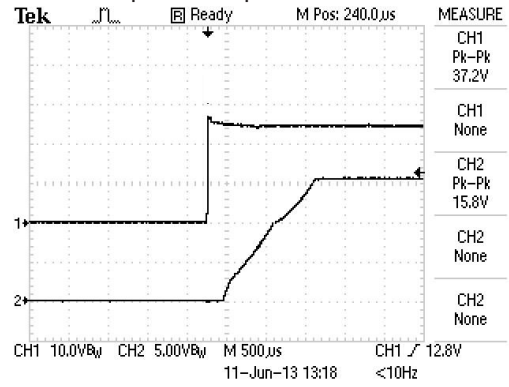
Efficiency versus Output Load

Efficiency versus Input Voltage

Typical Output Ripple and Noise

Typical Start-Up and Output Rise Characteristic

Derating Output Load versus Ambient Temperature

Specifications can be changed without notice!