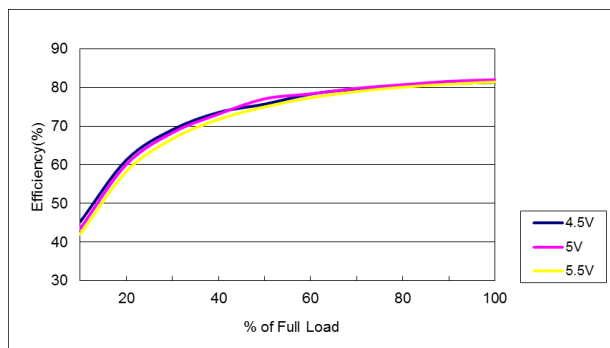


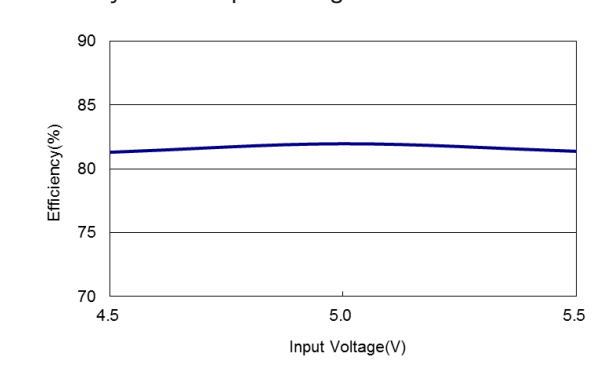
### Characteristic Curves

#### TMAP 0505S

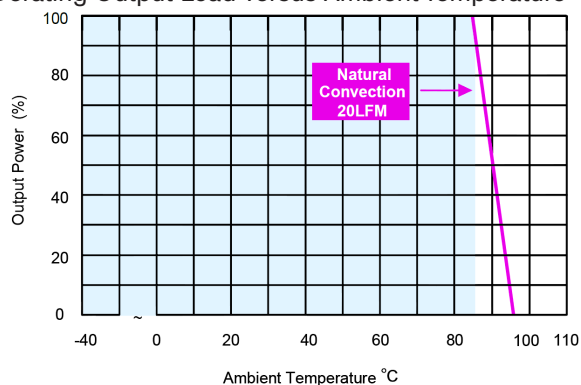
Efficiency versus Output Load



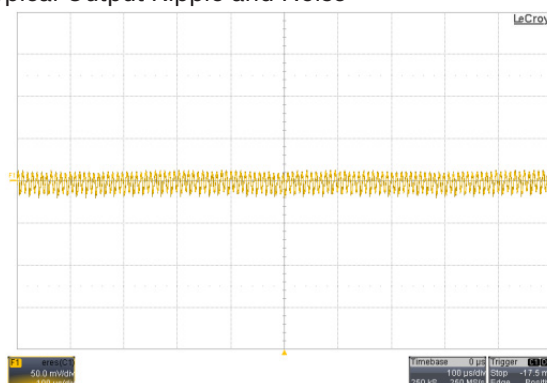
Efficiency versus Input Voltage



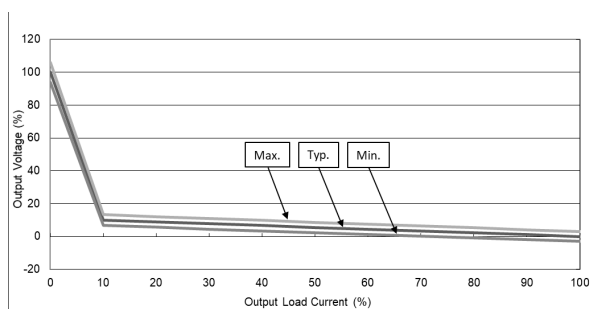
Derating Output Load versus Ambient Temperature



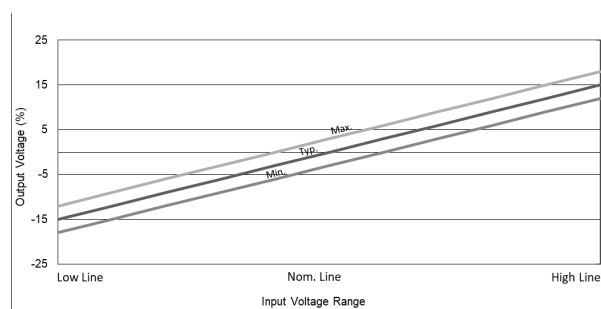
Typical Output Ripple and Noise



Load Variation versus Output Voltage

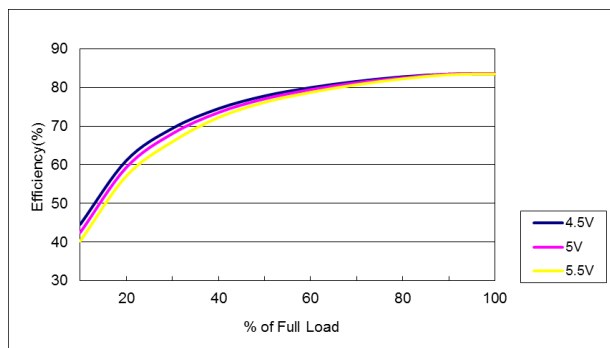


Input Variation versus Output Voltage

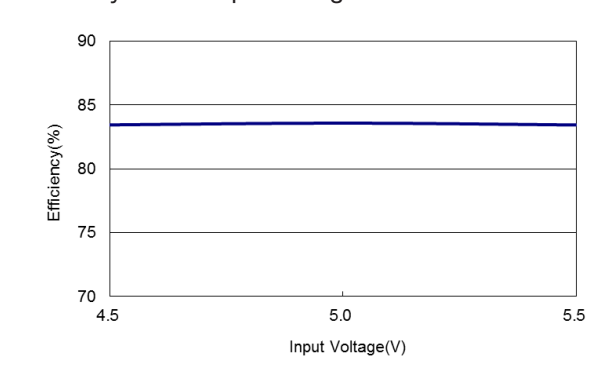


### TMAP 0509S

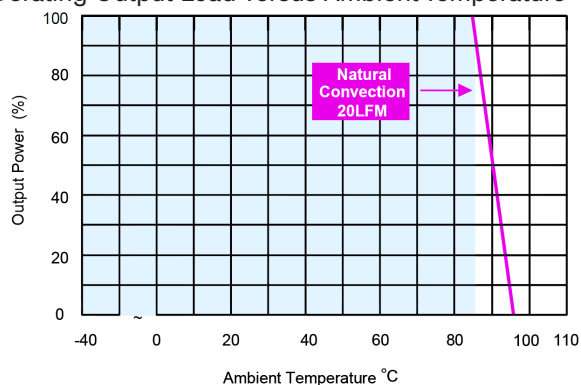
Efficiency versus Output Load



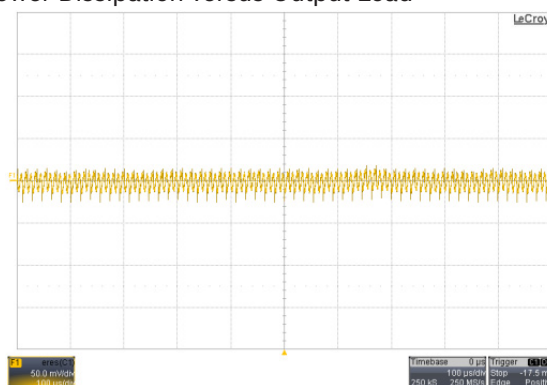
Efficiency versus Input Voltage



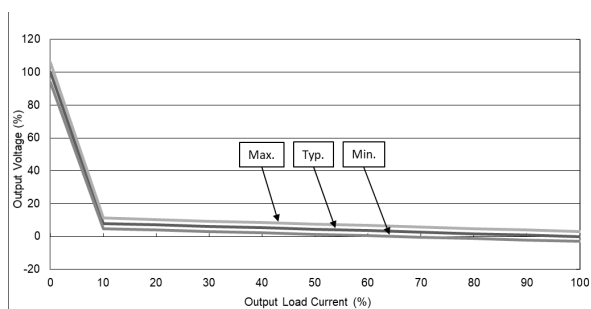
Derating Output Load versus Ambient Temperature



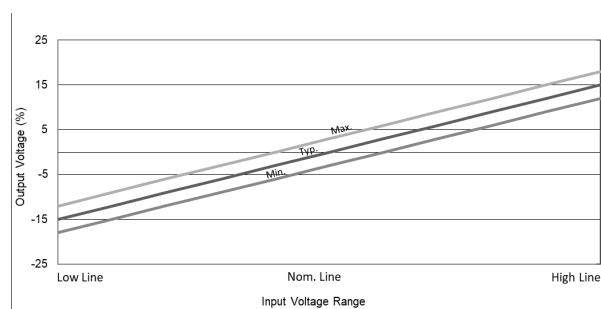
Power Dissipation versus Output Load



Load Variation versus Output Voltage

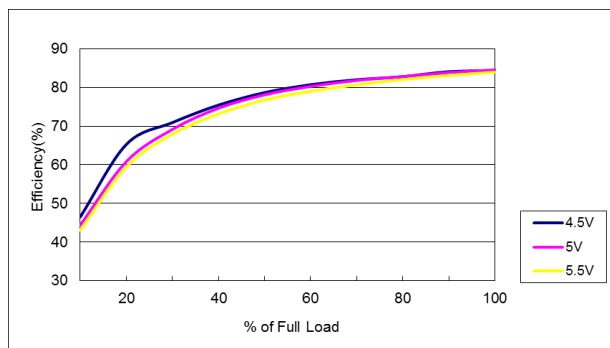


Input Variation versus Output Voltage

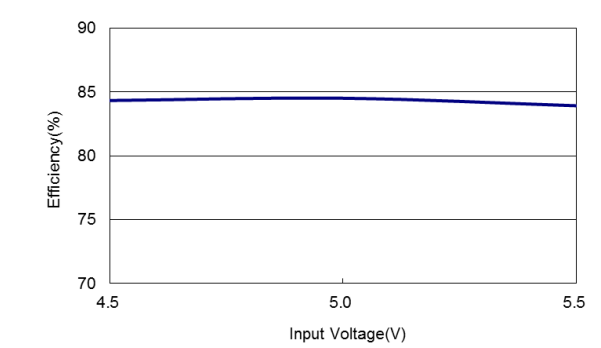


### TMAP 0512S

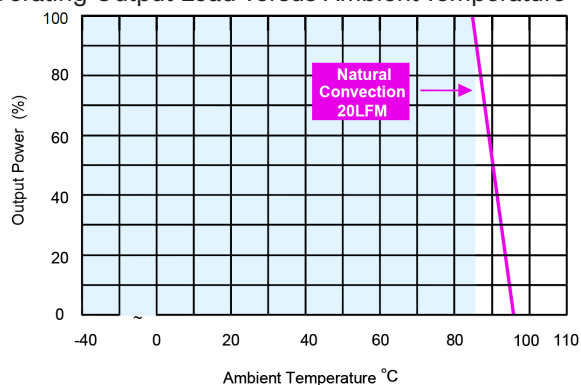
Efficiency versus Output Load



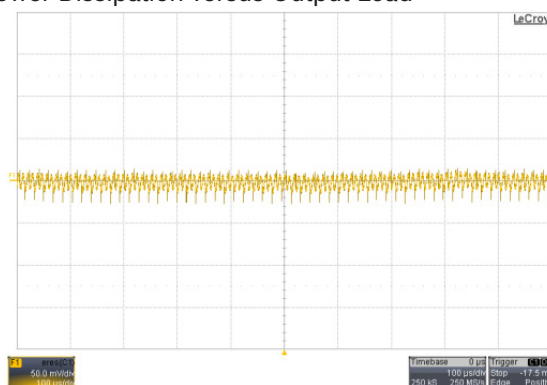
Efficiency versus Input Voltage



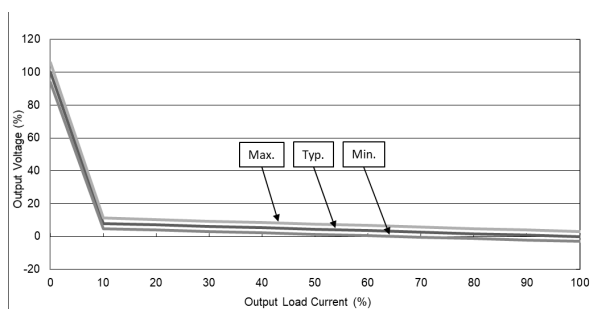
Derating Output Load versus Ambient Temperature



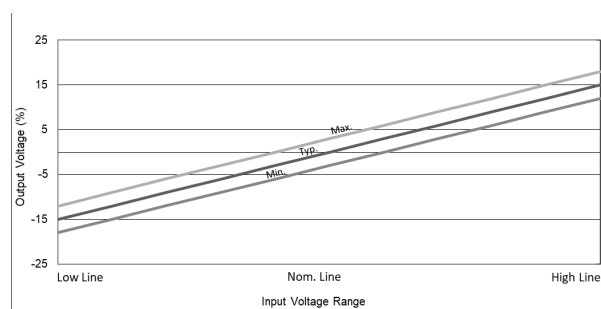
Power Dissipation versus Output Load



Load Variation versus Output Voltage

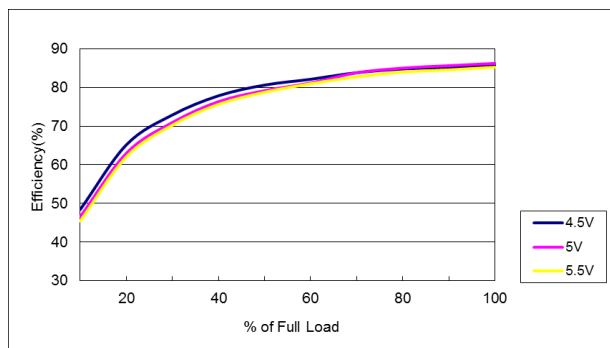


Input Variation versus Output Voltage

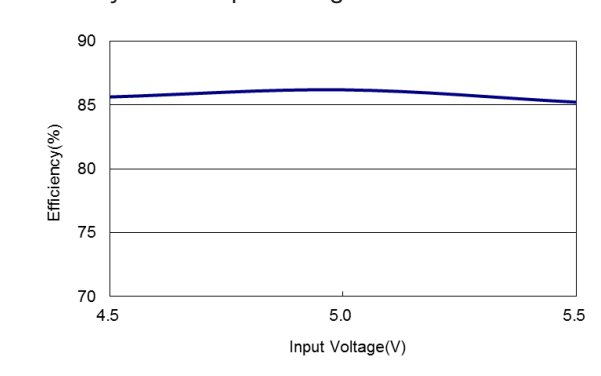


### TMAP 0515S

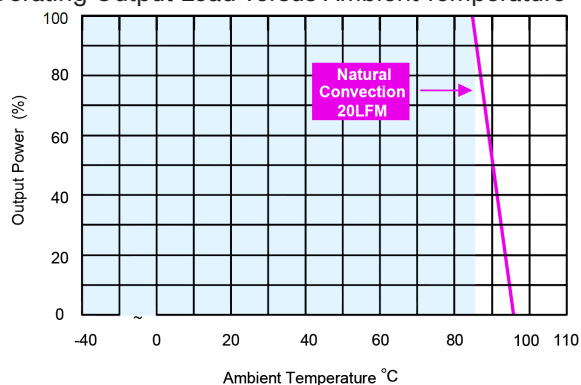
Efficiency versus Output Load



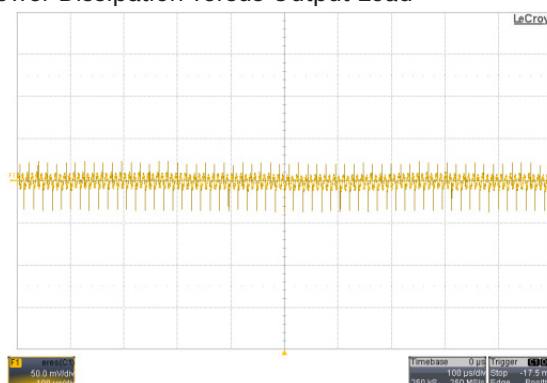
Efficiency versus Input Voltage



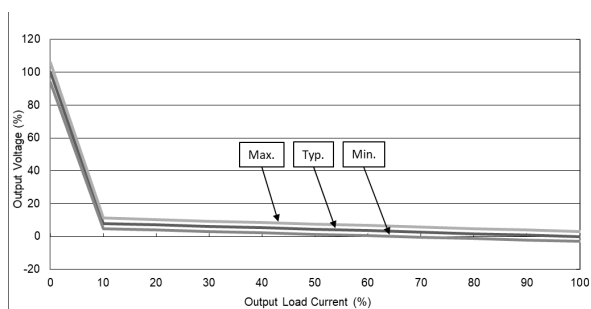
Derating Output Load versus Ambient Temperature



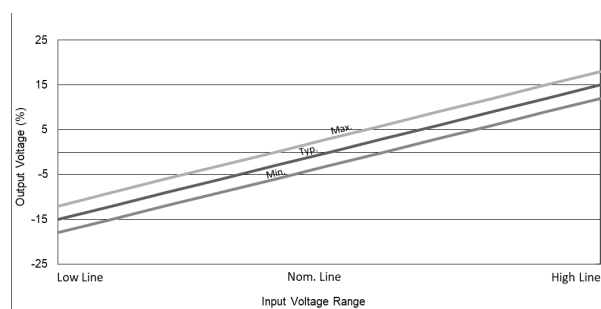
Power Dissipation versus Output Load



Load Variation versus Output Voltage

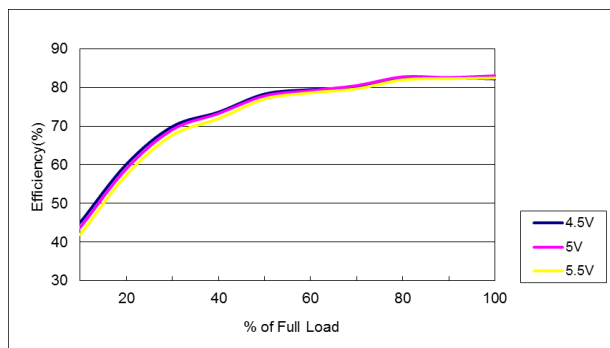


Input Variation versus Output Voltage

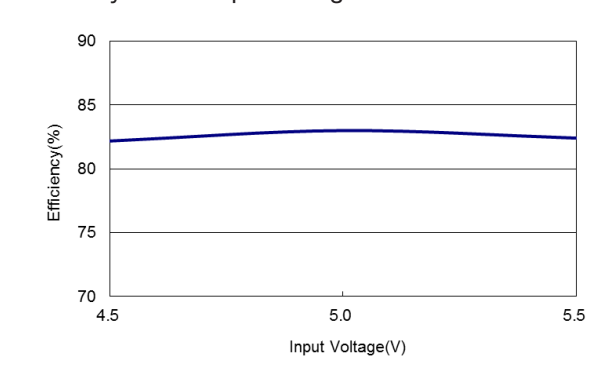


### TMAP 0505D

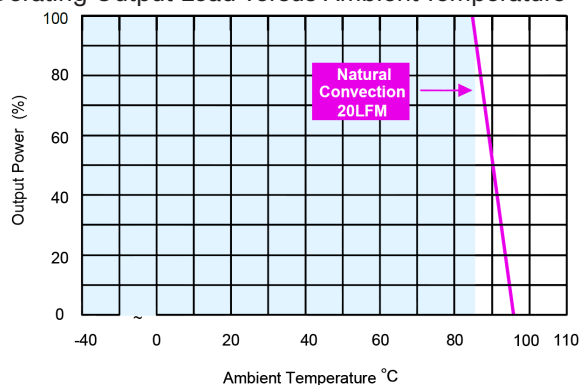
Efficiency versus Output Load



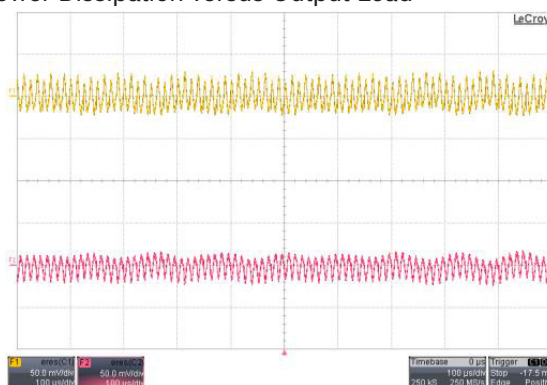
Efficiency versus Input Voltage



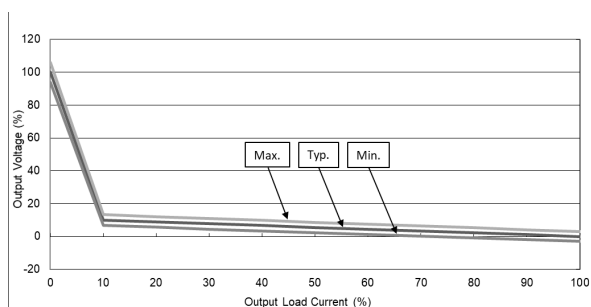
Derating Output Load versus Ambient Temperature



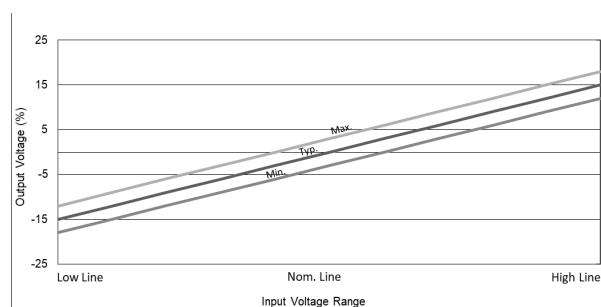
Power Dissipation versus Output Load



Load Variation versus Output Voltage

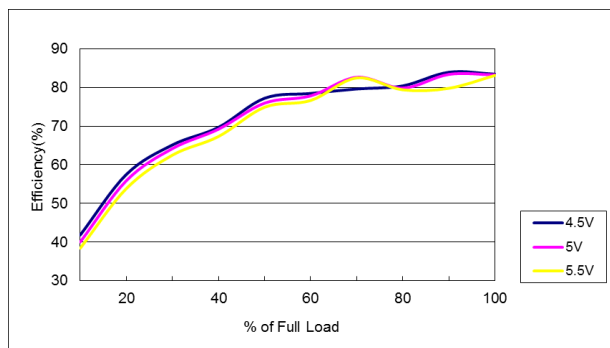


Input Variation versus Output Voltage

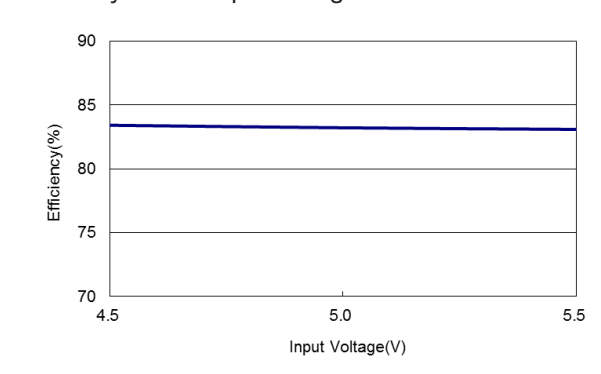


### TMAP 0512D

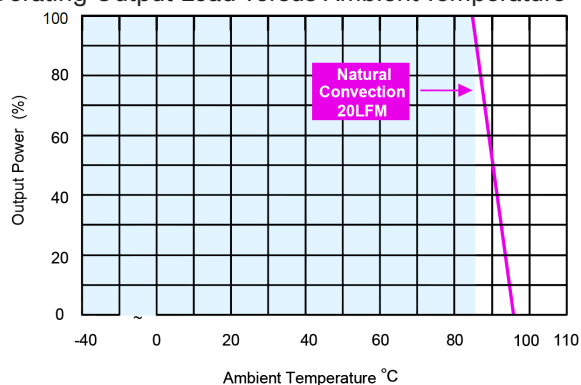
Efficiency versus Output Load



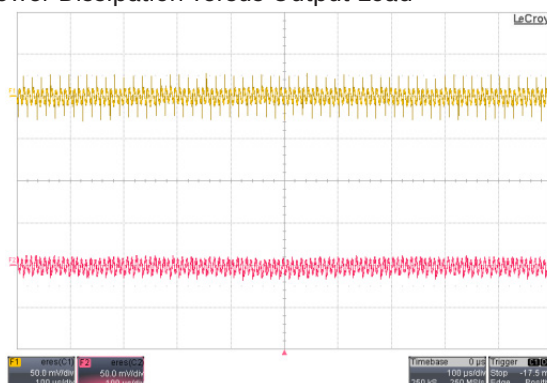
Efficiency versus Input Voltage



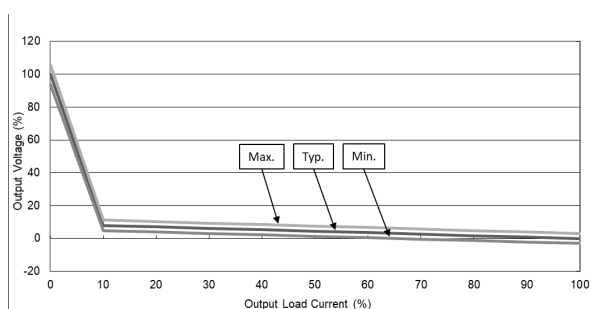
Derating Output Load versus Ambient Temperature



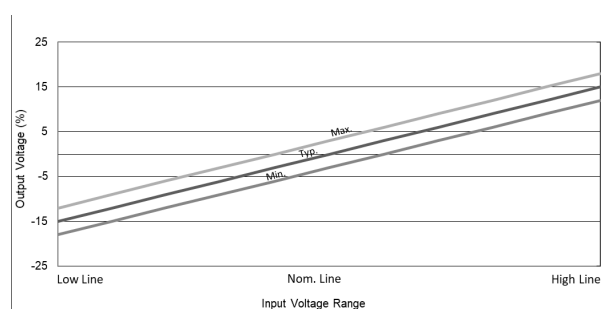
Power Dissipation versus Output Load



Load Variation versus Output Voltage

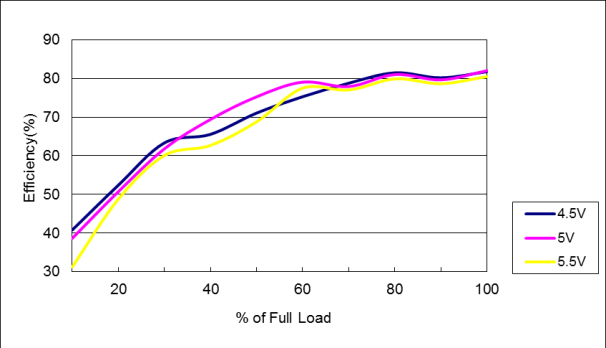


Input Variation versus Output Voltage

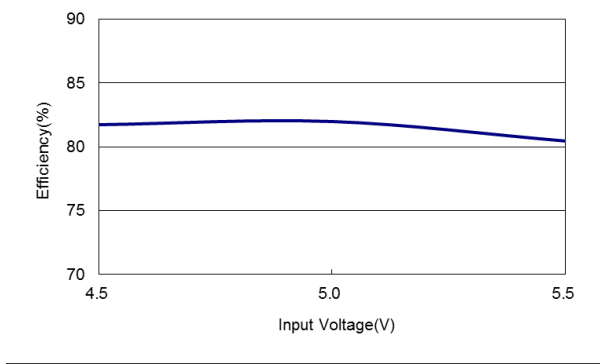


**TMAP 0515D**

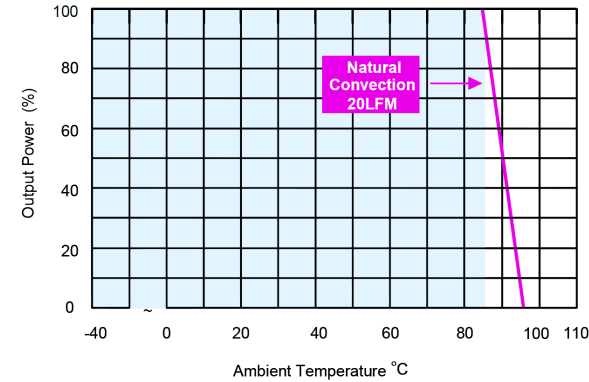
Efficiency versus Output Load



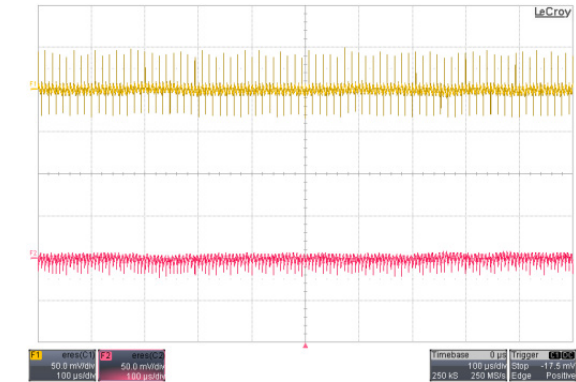
Efficiency versus Input Voltage



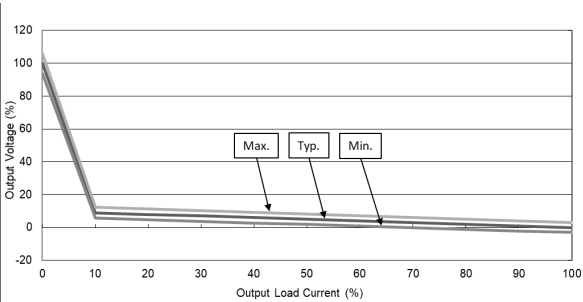
Derating Output Load versus Ambient Temperature



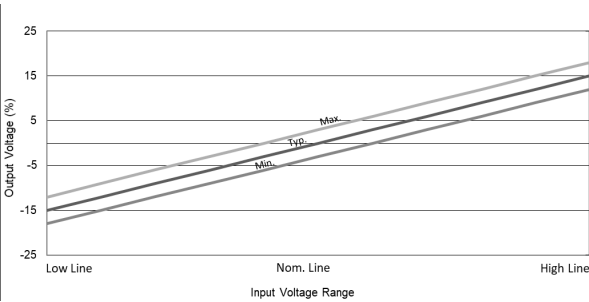
Power Dissipation versus Output Load



Load Variation versus Output Voltage

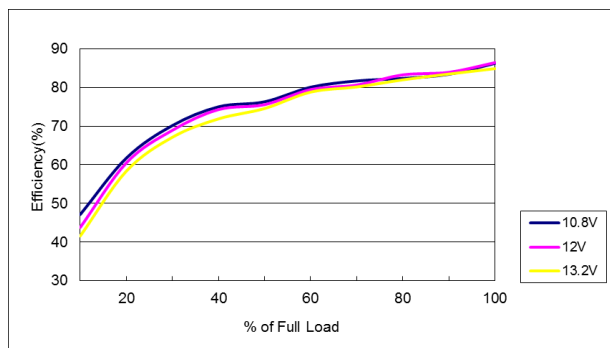


Input Variation versus Output Voltage

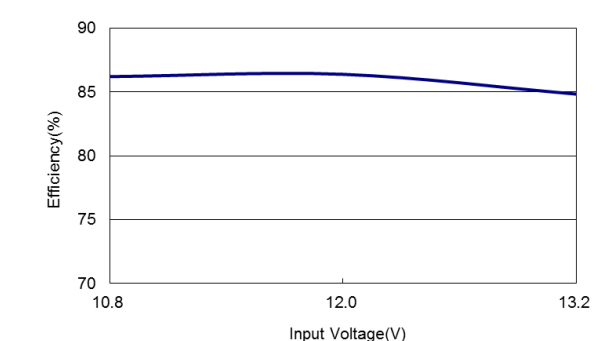


### TMAP 1205S

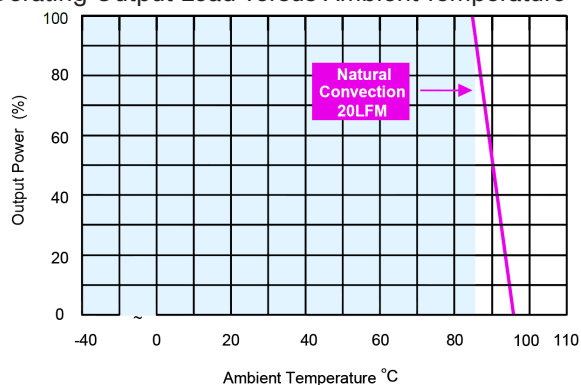
Efficiency versus Output Load



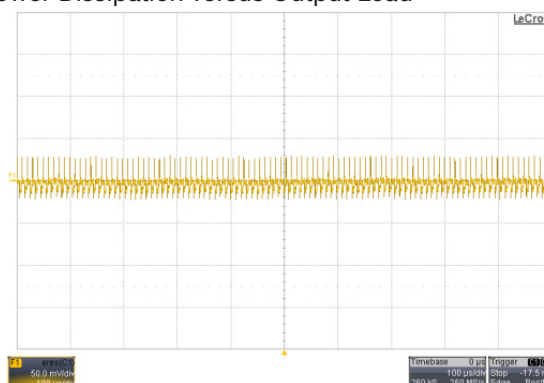
Efficiency versus Input Voltage



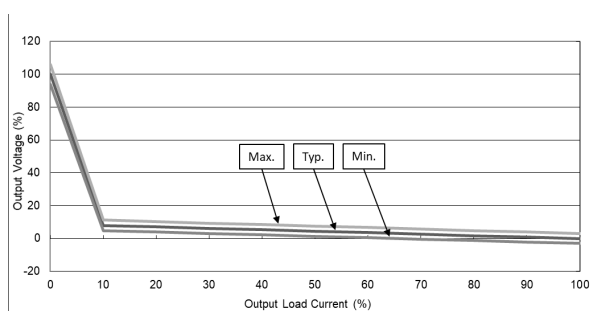
Derating Output Load versus Ambient Temperature



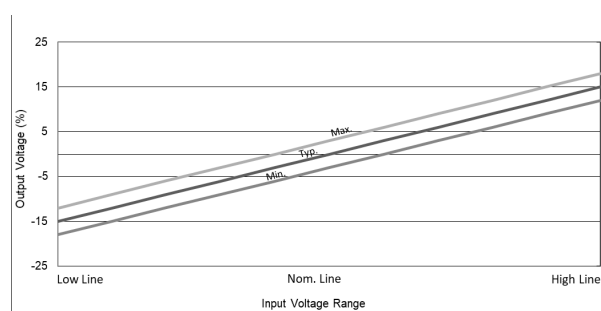
Power Dissipation versus Output Load



Load Variation versus Output Voltage



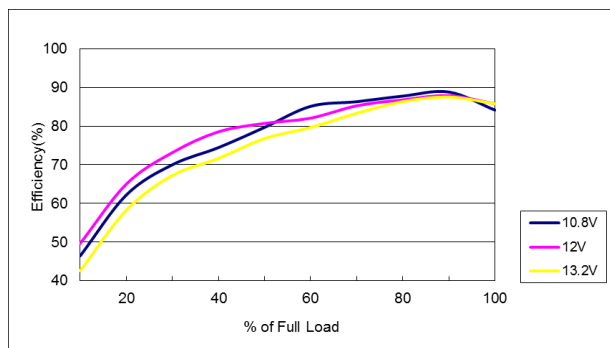
Input Variation versus Output Voltage



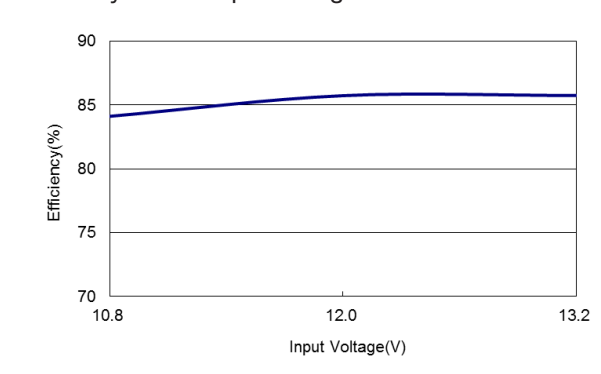


### TMAP 1209S

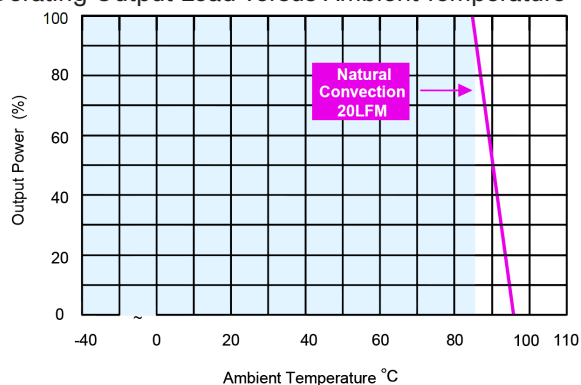
Efficiency versus Output Load



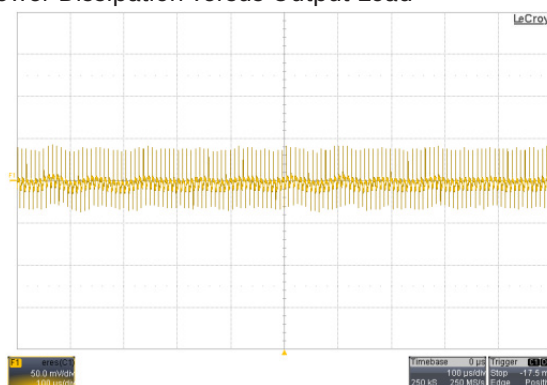
Efficiency versus Input Voltage



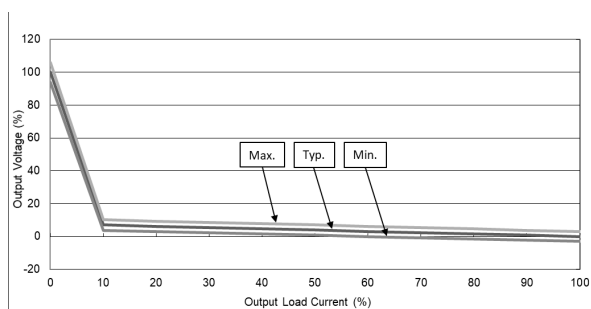
Derating Output Load versus Ambient Temperature



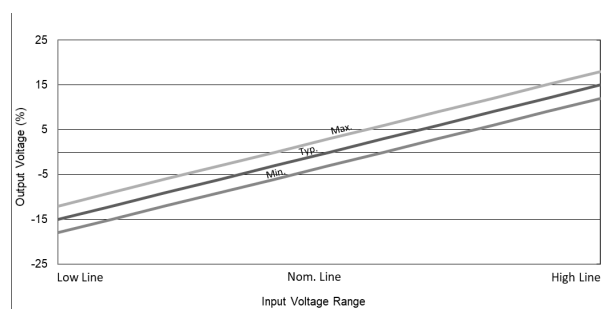
Power Dissipation versus Output Load



Load Variation versus Output Voltage

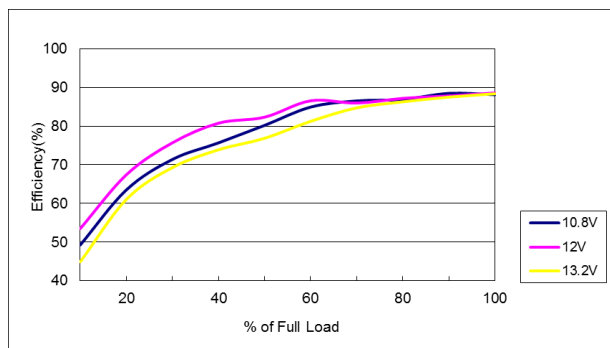


Input Variation versus Output Voltage

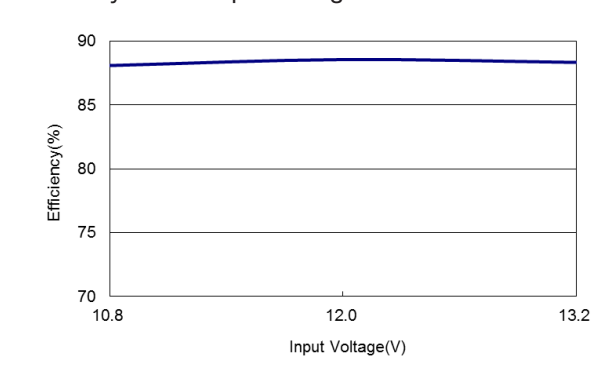


### TMAP 1212S

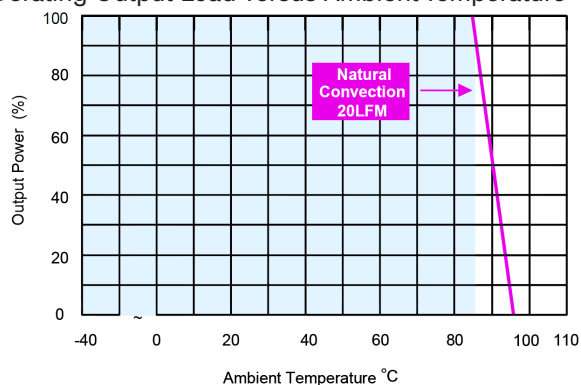
Efficiency versus Output Load



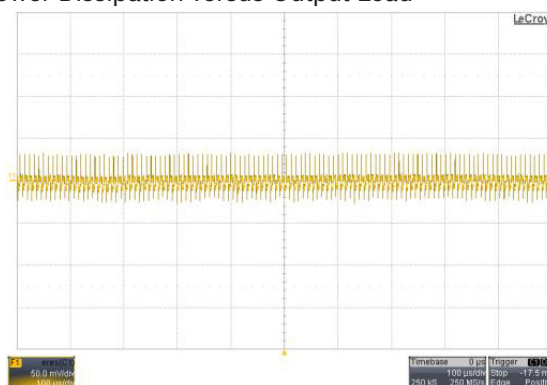
Efficiency versus Input Voltage



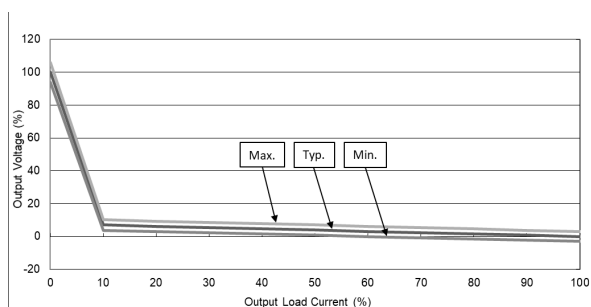
Derating Output Load versus Ambient Temperature



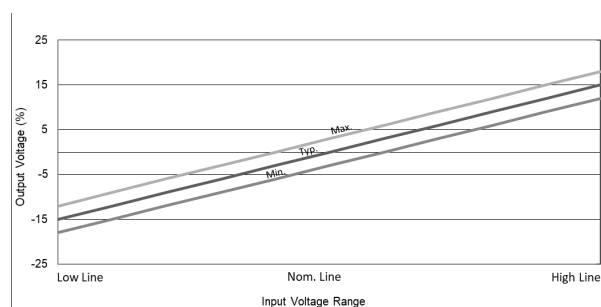
Power Dissipation versus Output Load



Load Variation versus Output Voltage

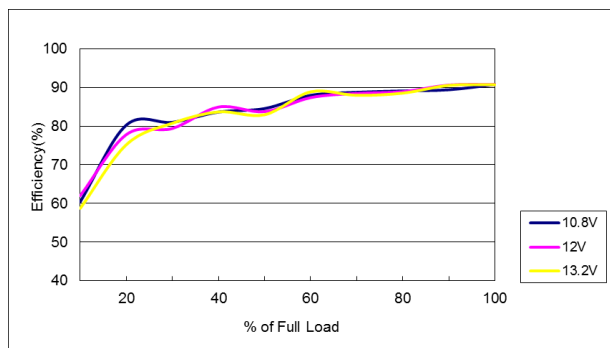


Input Variation versus Output Voltage

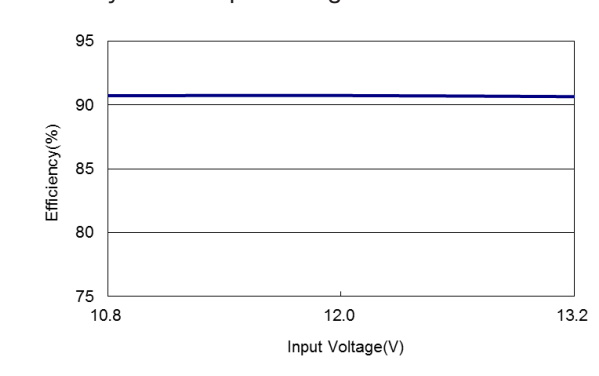


### TMAP 1215S

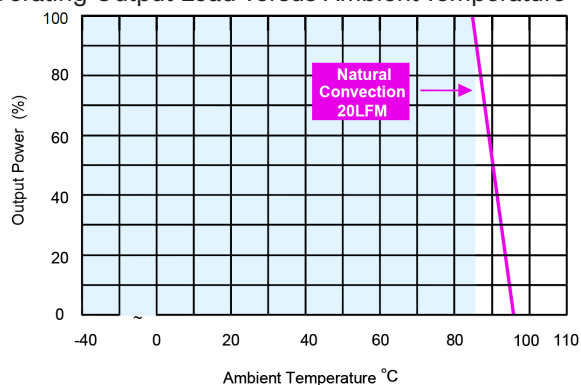
Efficiency versus Output Load



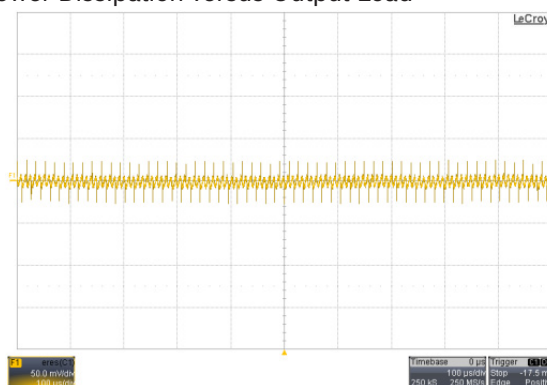
Efficiency versus Input Voltage



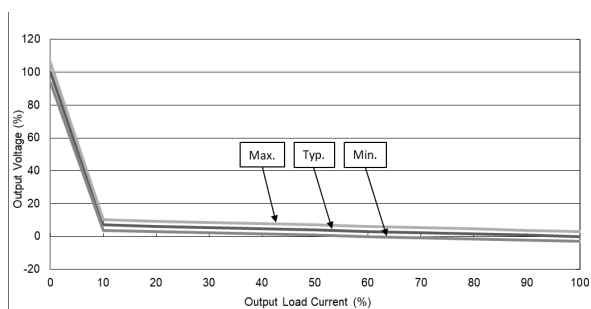
Derating Output Load versus Ambient Temperature



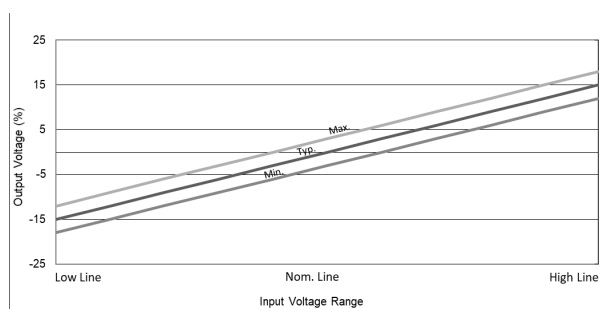
Power Dissipation versus Output Load



Load Variation versus Output Voltage

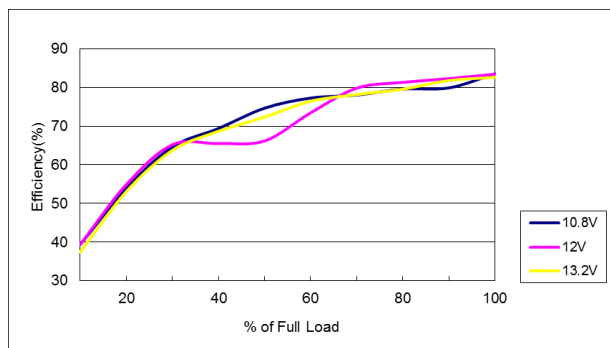


Input Variation versus Output Voltage

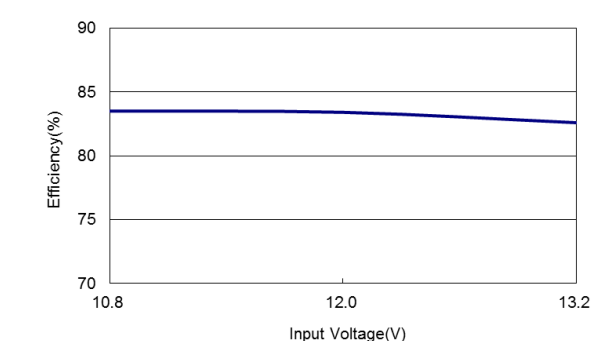


### TMAP 1205D

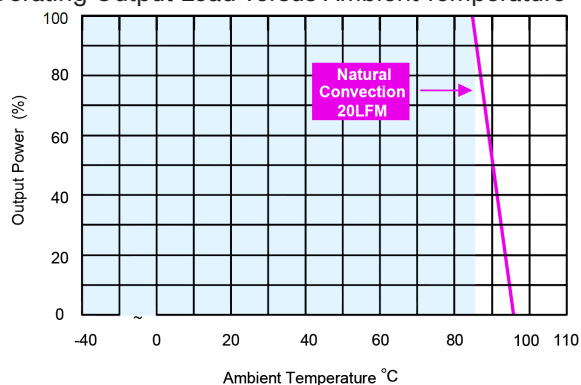
Efficiency versus Output Load



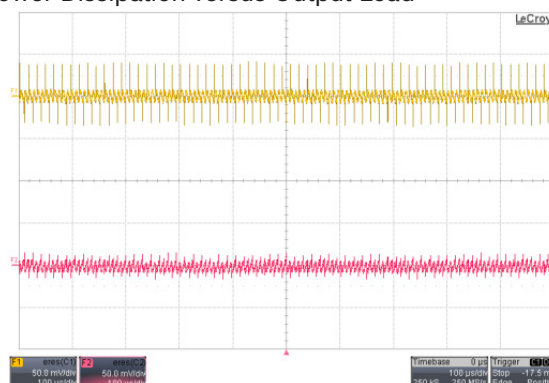
Efficiency versus Input Voltage



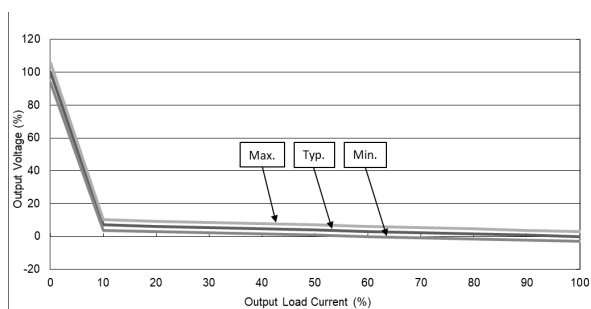
Derating Output Load versus Ambient Temperature



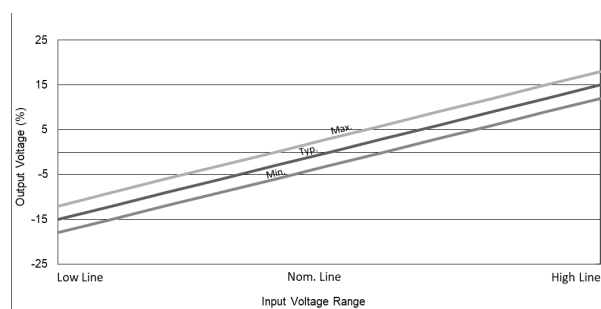
Power Dissipation versus Output Load



Load Variation versus Output Voltage

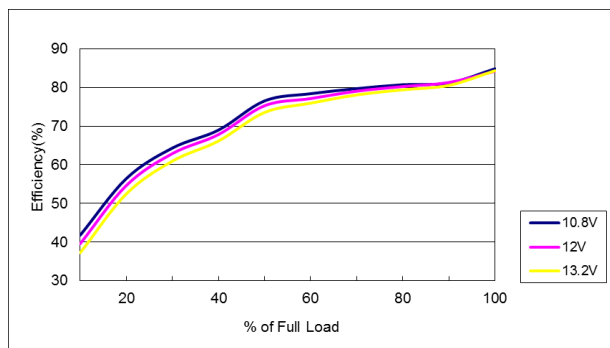


Input Variation versus Output Voltage

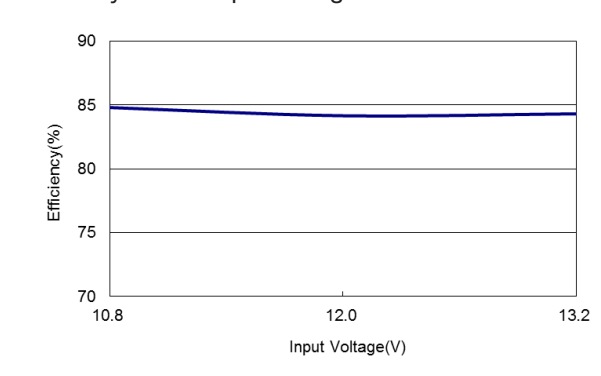


### TMAP 1212D

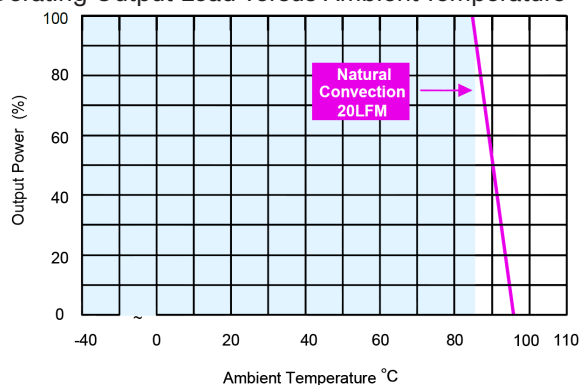
Efficiency versus Output Load



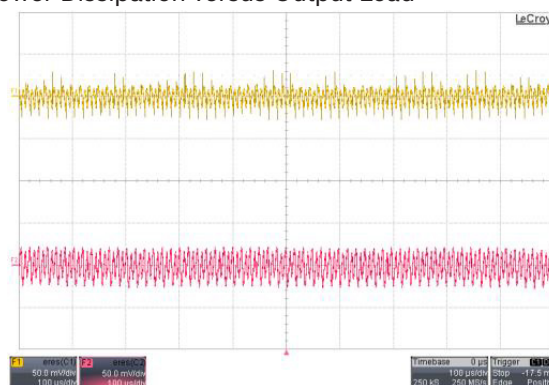
Efficiency versus Input Voltage



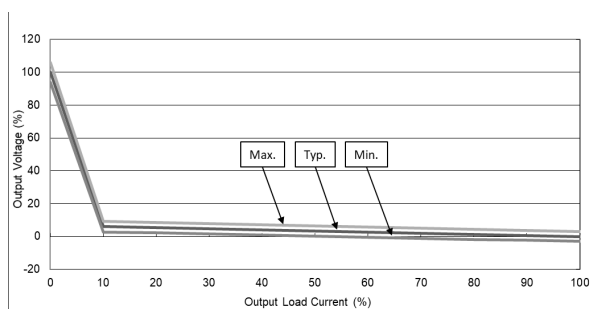
Derating Output Load versus Ambient Temperature



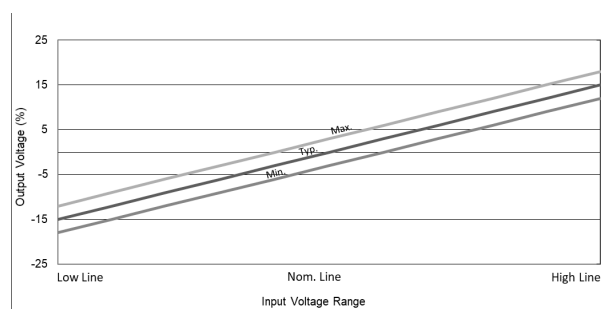
Power Dissipation versus Output Load



Load Variation versus Output Voltage

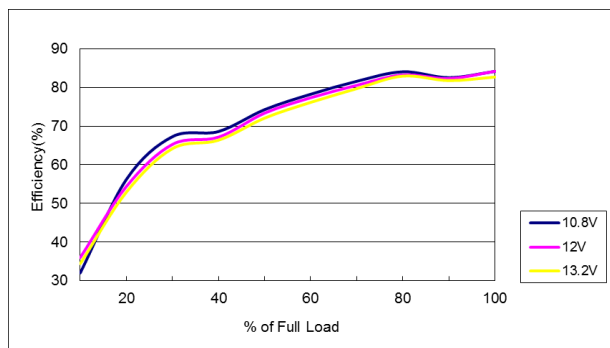


Input Variation versus Output Voltage

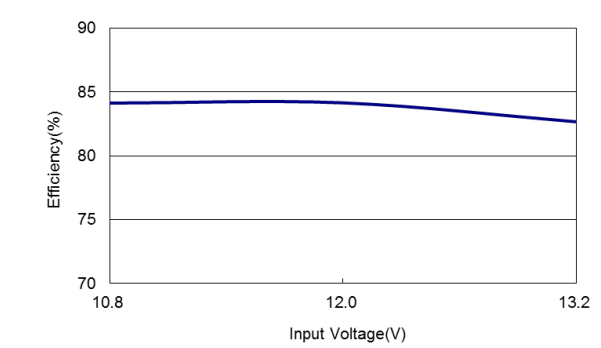


### TMAP 1215D

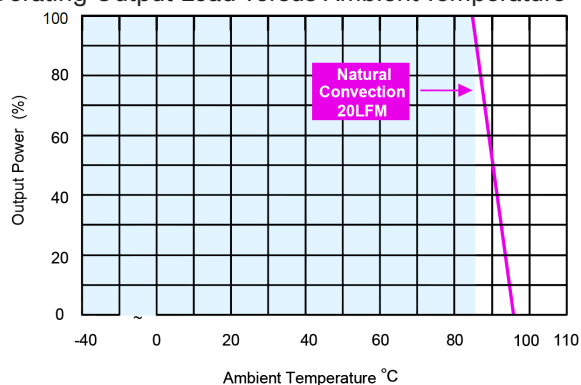
Efficiency versus Output Load



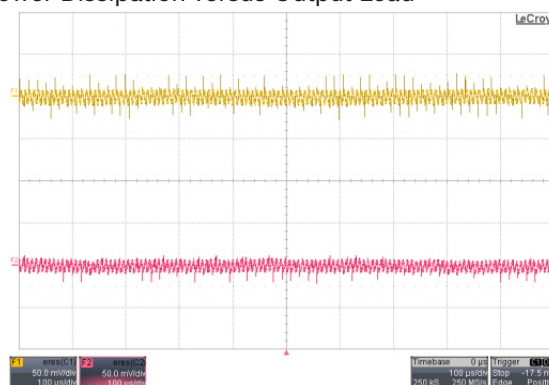
Efficiency versus Input Voltage



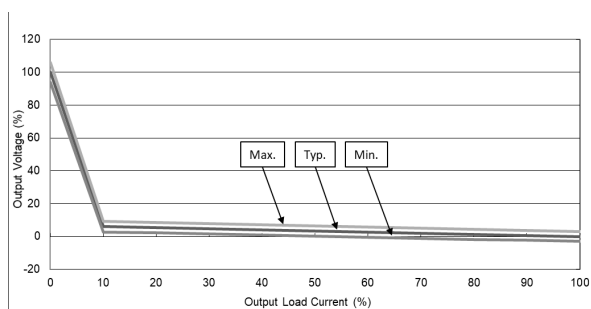
Derating Output Load versus Ambient Temperature



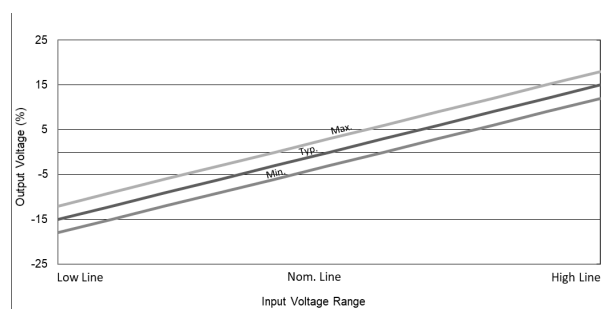
Power Dissipation versus Output Load



Load Variation versus Output Voltage

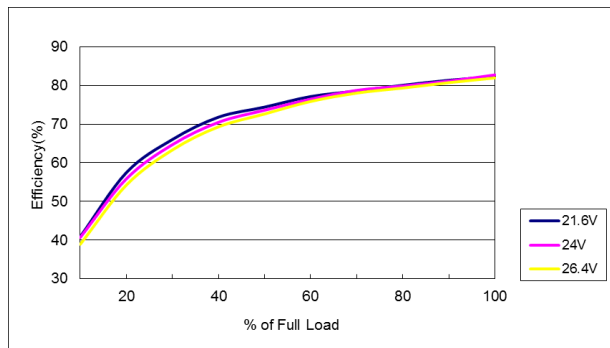


Input Variation versus Output Voltage

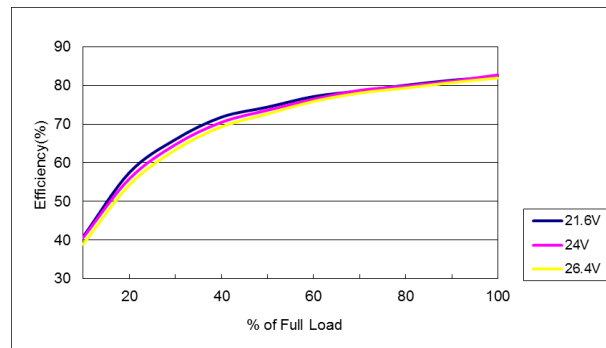


### TMAP 2405S

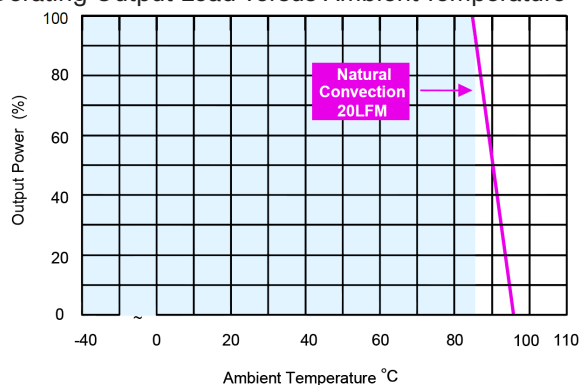
Efficiency versus Output Load



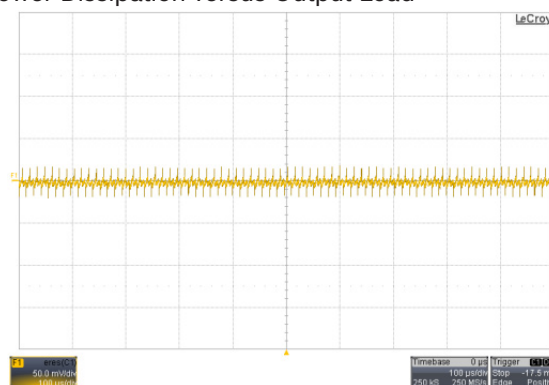
Efficiency versus Input Voltage



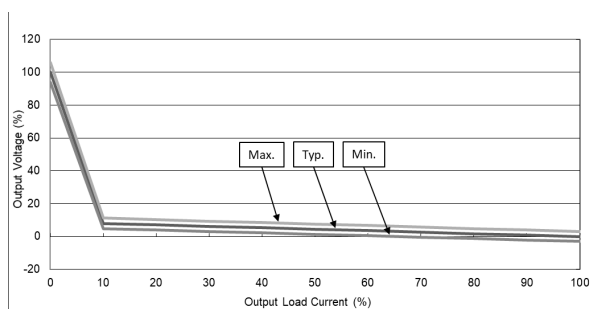
Derating Output Load versus Ambient Temperature



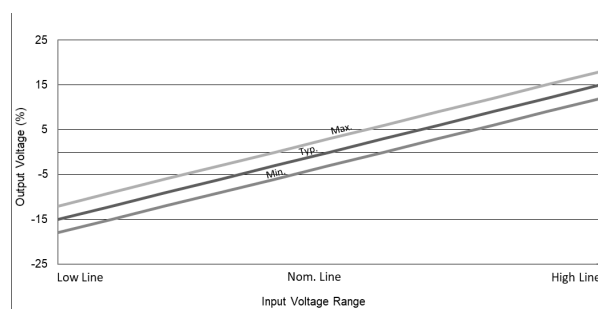
Power Dissipation versus Output Load



Load Variation versus Output Voltage

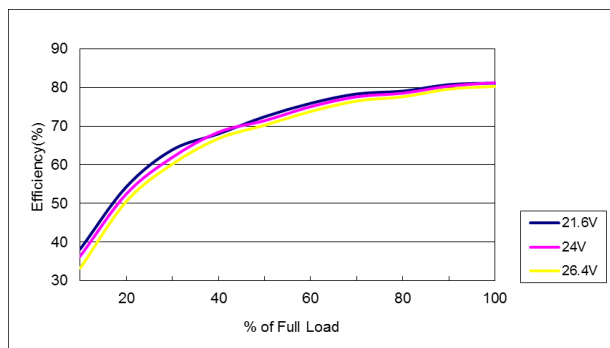


Input Variation versus Output Voltage

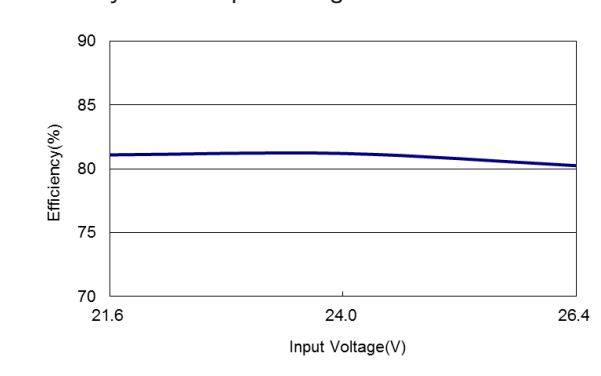


### TMAP 2409S

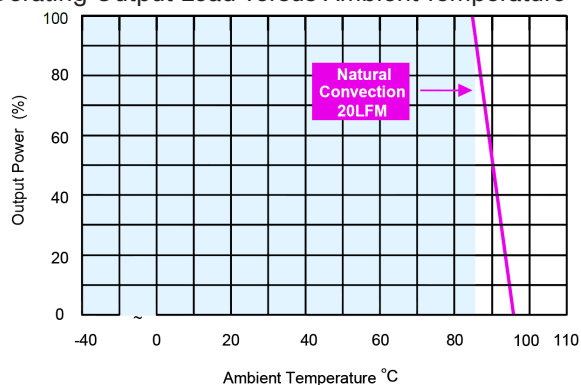
Efficiency versus Output Load



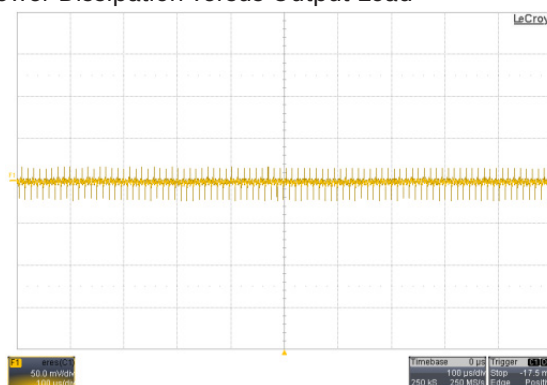
Efficiency versus Input Voltage



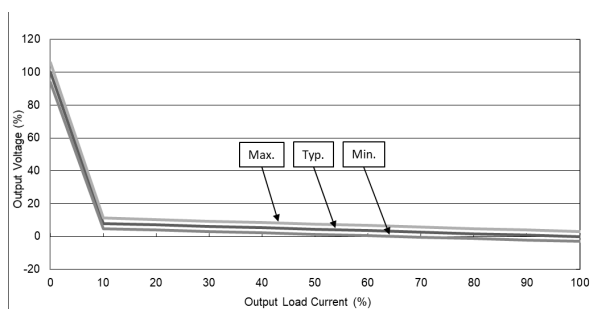
Derating Output Load versus Ambient Temperature



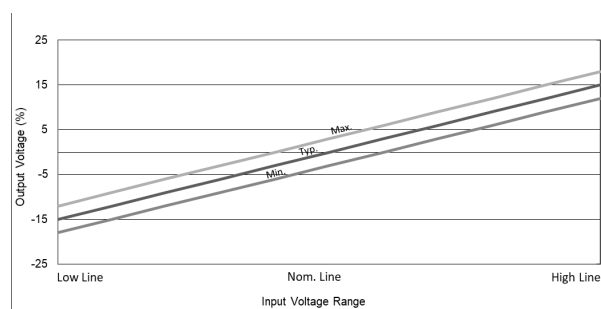
Power Dissipation versus Output Load



Load Variation versus Output Voltage



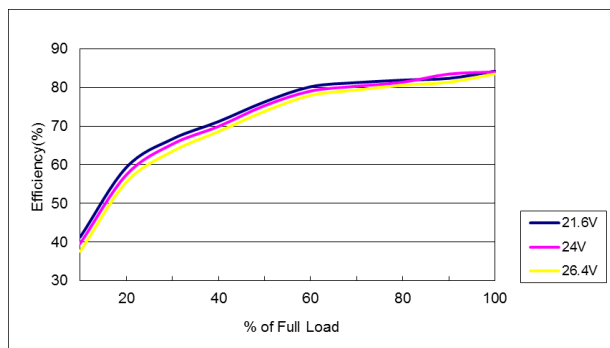
Input Variation versus Output Voltage



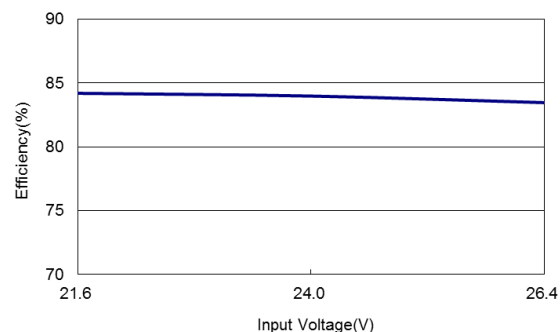


### TMAP 2412S

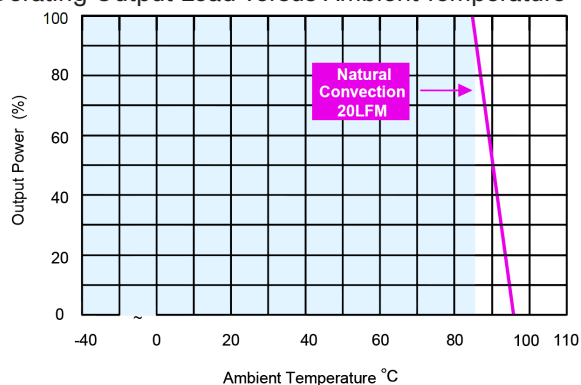
Efficiency versus Output Load



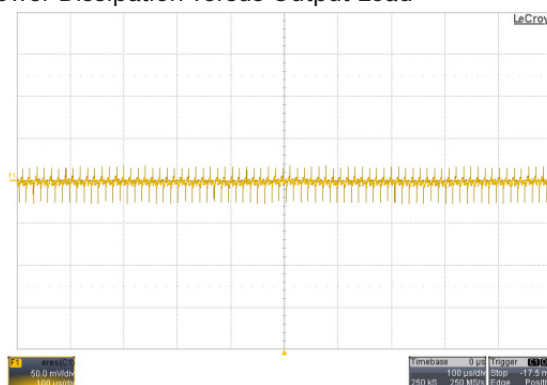
Efficiency versus Input Voltage



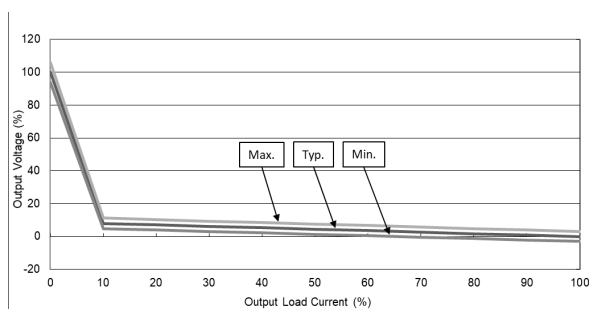
Derating Output Load versus Ambient Temperature



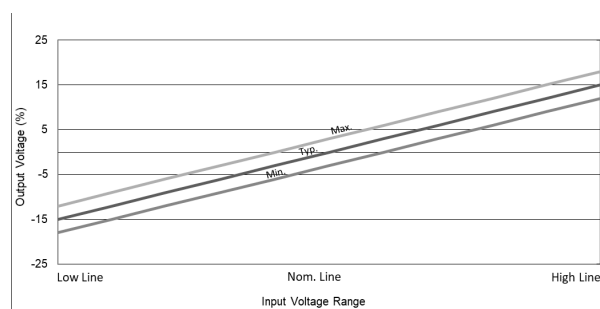
Power Dissipation versus Output Load



Load Variation versus Output Voltage

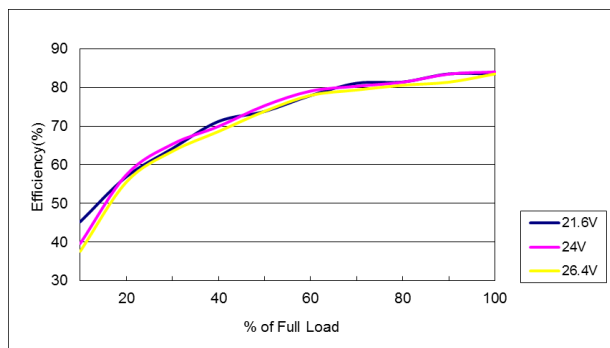


Input Variation versus Output Voltage

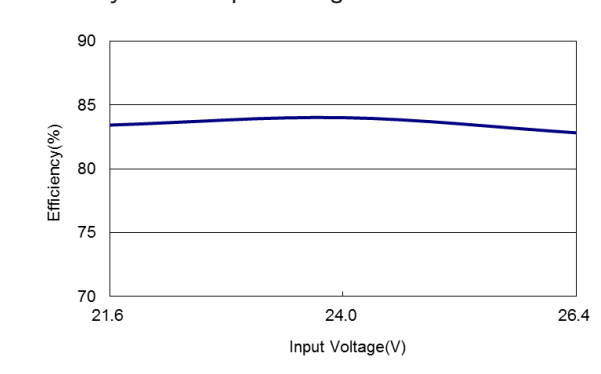


### TMAP 2415S

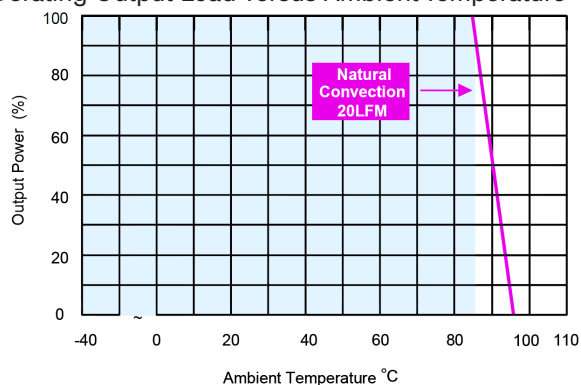
Efficiency versus Output Load



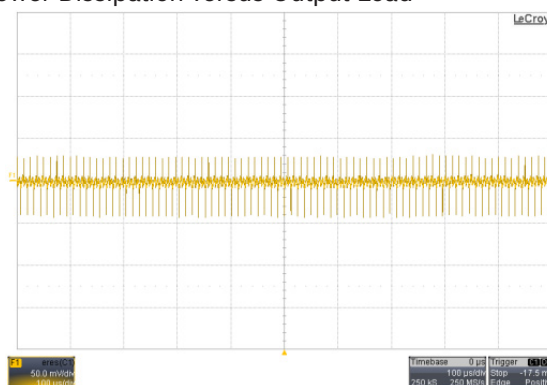
Efficiency versus Input Voltage



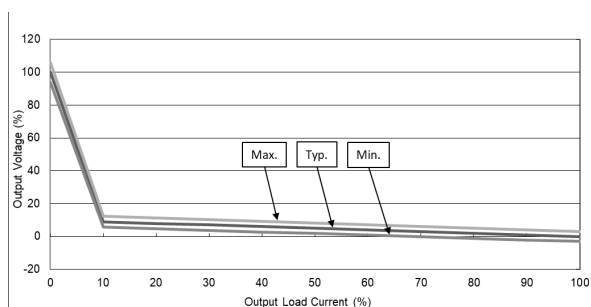
Derating Output Load versus Ambient Temperature



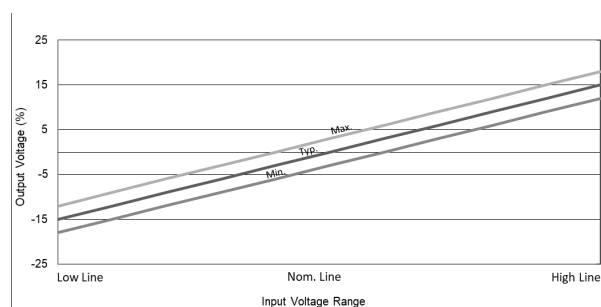
Power Dissipation versus Output Load



Load Variation versus Output Voltage

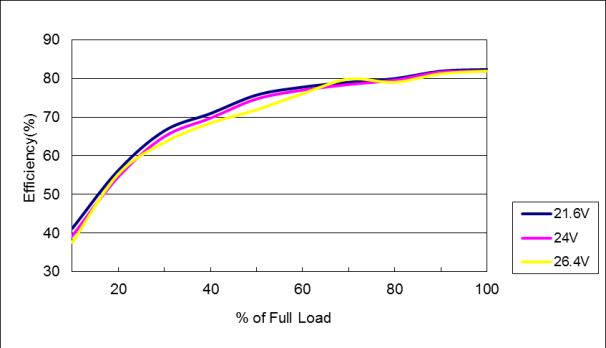


Input Variation versus Output Voltage

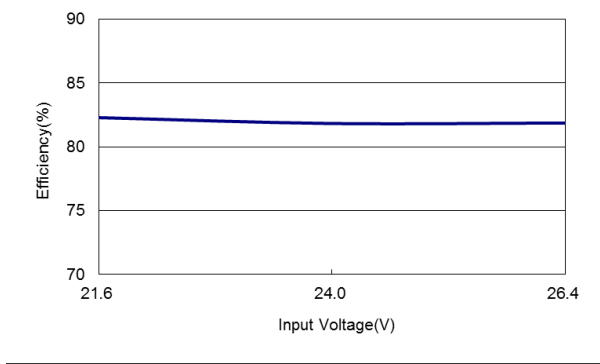


**TMAP 2405D**

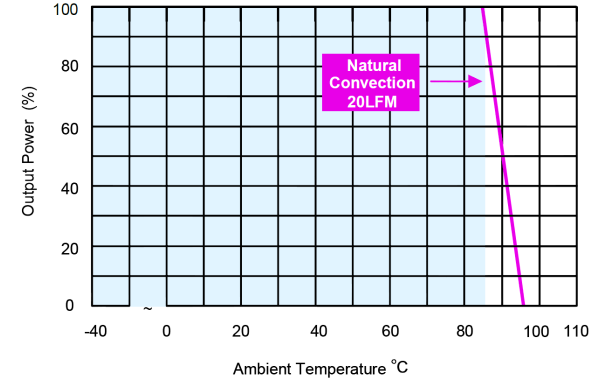
Efficiency versus Output Load



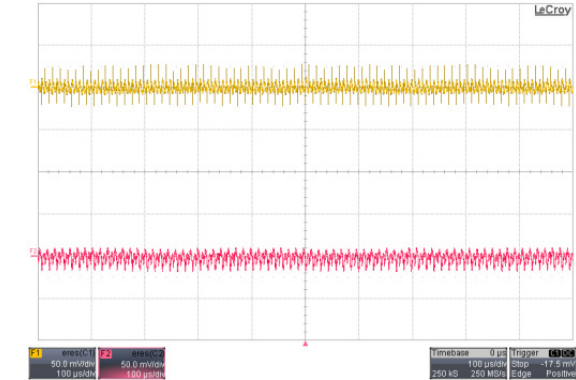
Efficiency versus Input Voltage



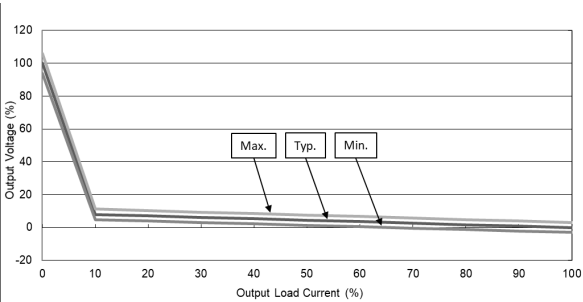
Derating Output Load versus Ambient Temperature



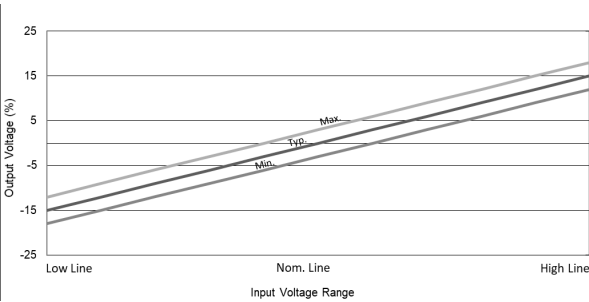
Power Dissipation versus Output Load



Load Variation versus Output Voltage

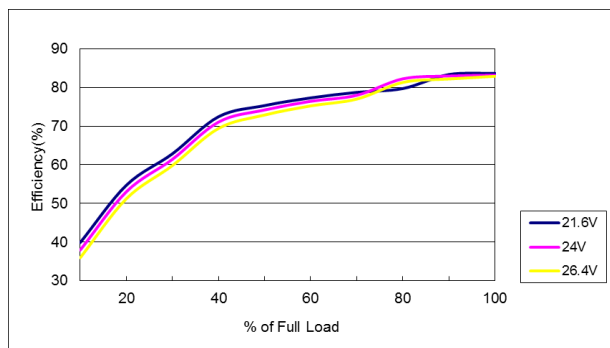


Input Variation versus Output Voltage

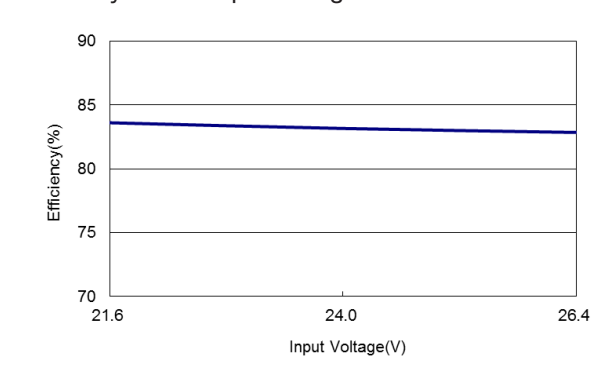


### TMAP 2412D

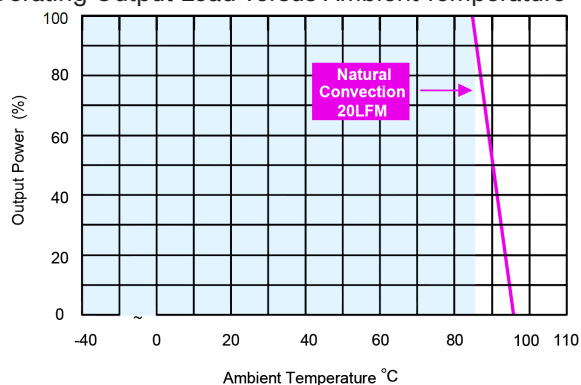
#### Efficiency versus Output Load



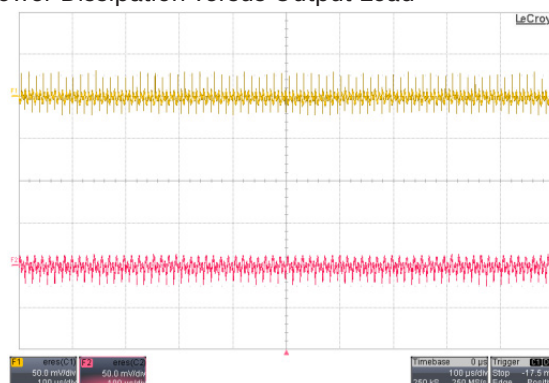
#### Efficiency versus Input Voltage



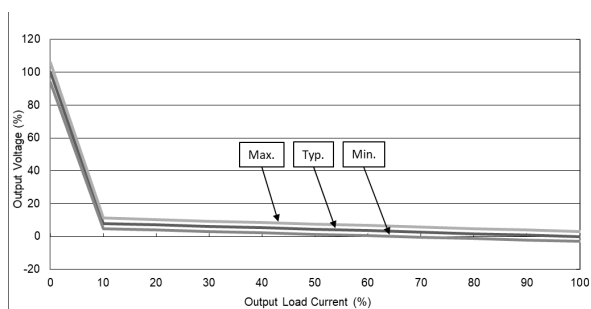
#### Derating Output Load versus Ambient Temperature



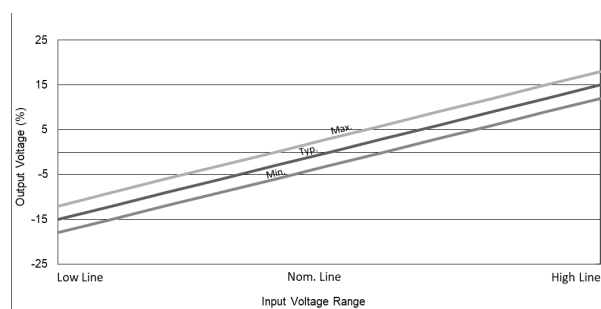
#### Power Dissipation versus Output Load



#### Load Variation versus Output Voltage

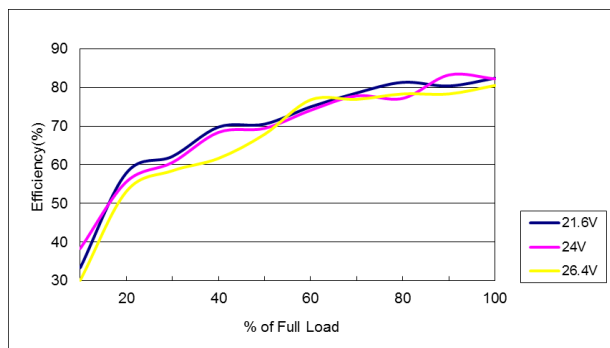


#### Input Variation versus Output Voltage

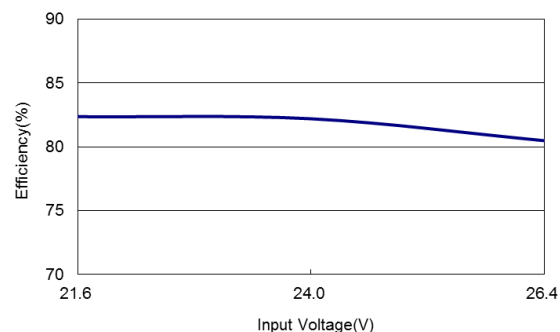


### TMAP 2415D

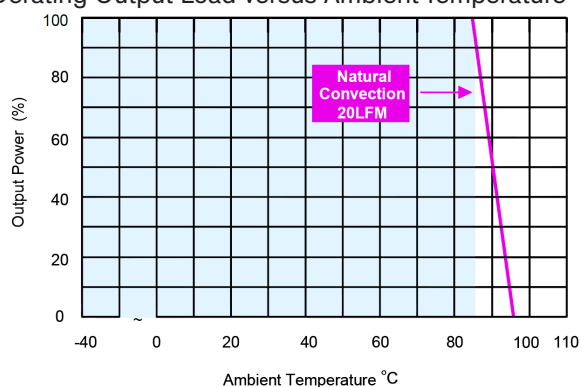
Efficiency versus Output Load



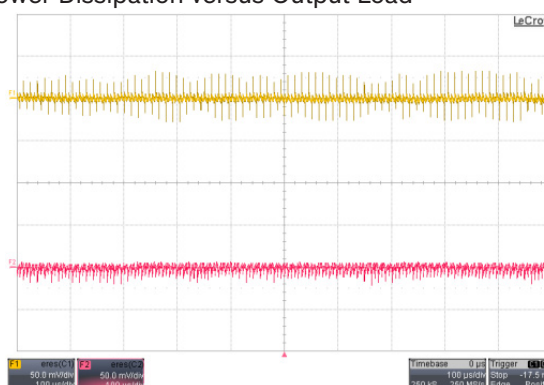
Efficiency versus Input Voltage



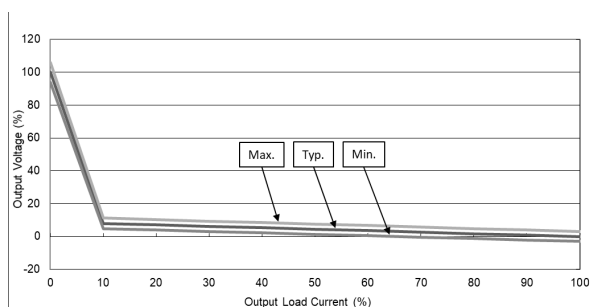
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



Load Variation versus Output Voltage



Input Variation versus Output Voltage

