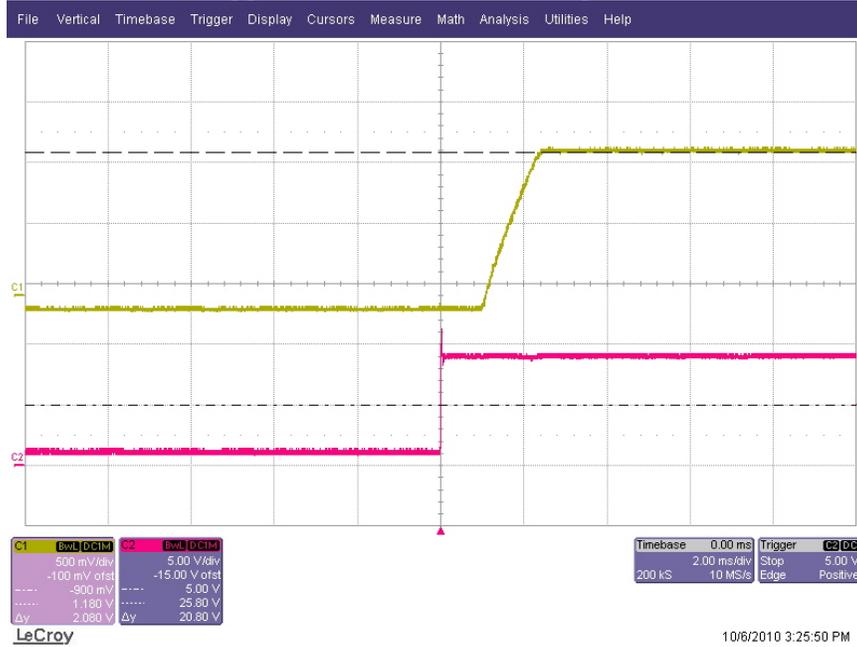


# PMP5471 Test Report

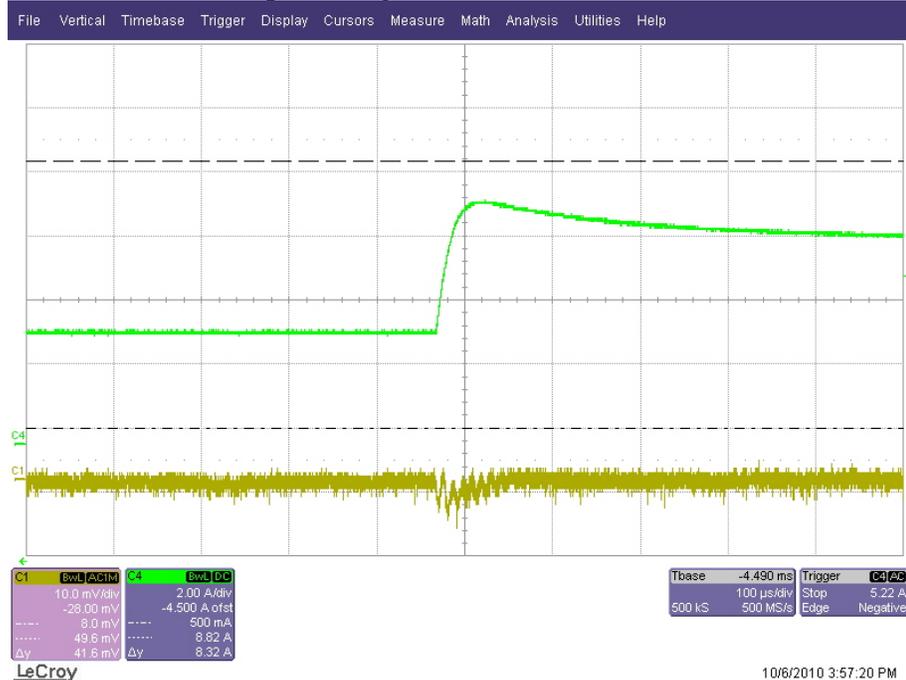
## 1) Startup

The waveform below shows the 1.2V output voltage (in green, 500mV/div) starting up with the sudden application of  $V_{in}$  of 9V (in pink, 5V/div). The time scale is 2ms/div.



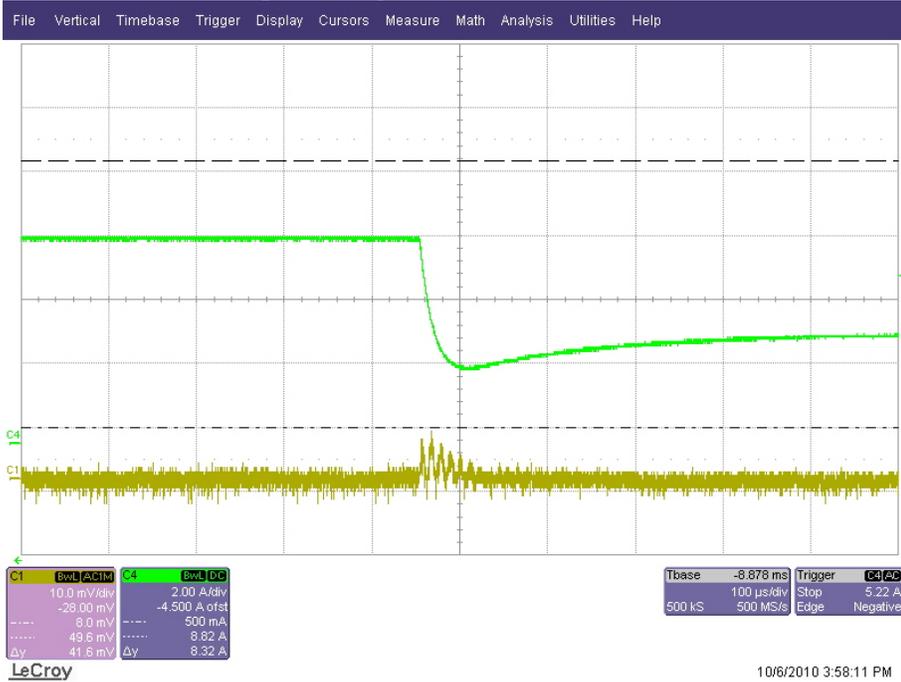
## 2) Output Transients

The waveform below shows the output voltage (in yellow, 10mV/div) after a 50% load-step of the output current (in green, 2A/div) from 5A to 10A. The timescale is 100us/div and the input voltage is 9V.

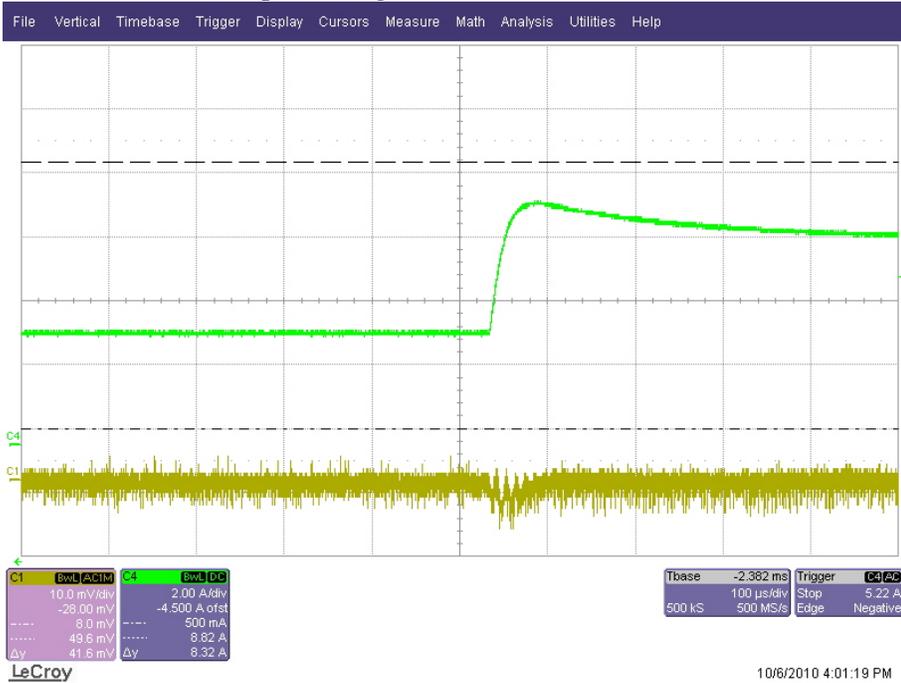


# PMP5471 Test Report

The waveform below shows the output voltage (in yellow, 10mV/div) after a 50% load-step of the output current (in green, 2A/div) from 10A to 5A. The timescale is 100us/div and the input voltage is 9V.

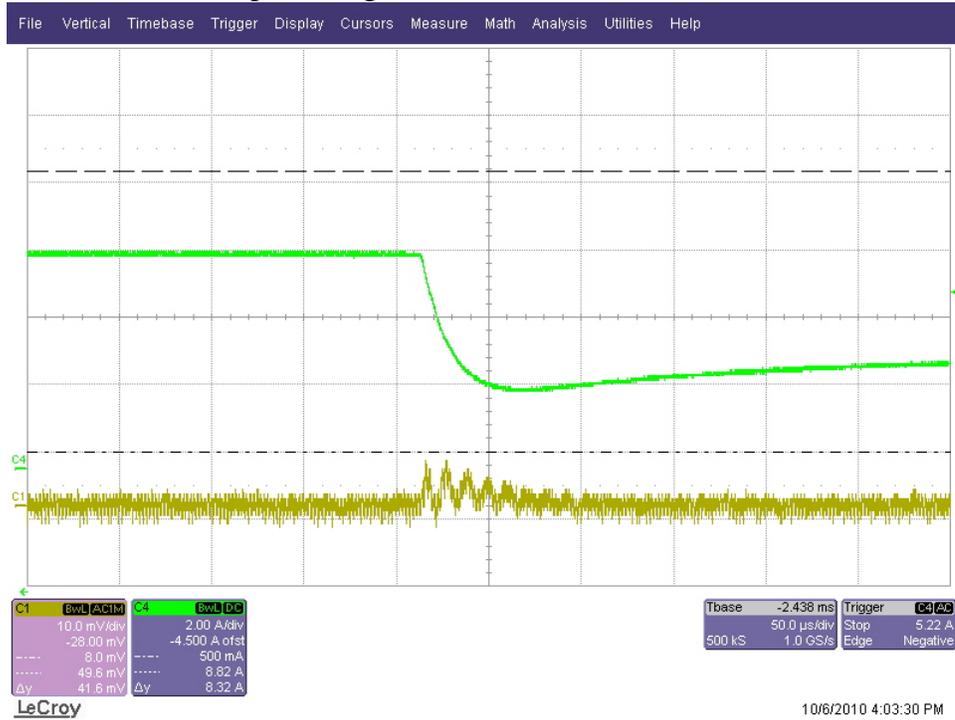


The waveform below shows the output voltage (in yellow, 10mV/div) after a 50% load-step of the output current (in green, 2A/div) from 5A to 10A. The timescale is 100us/div and the input voltage is 12.6V.



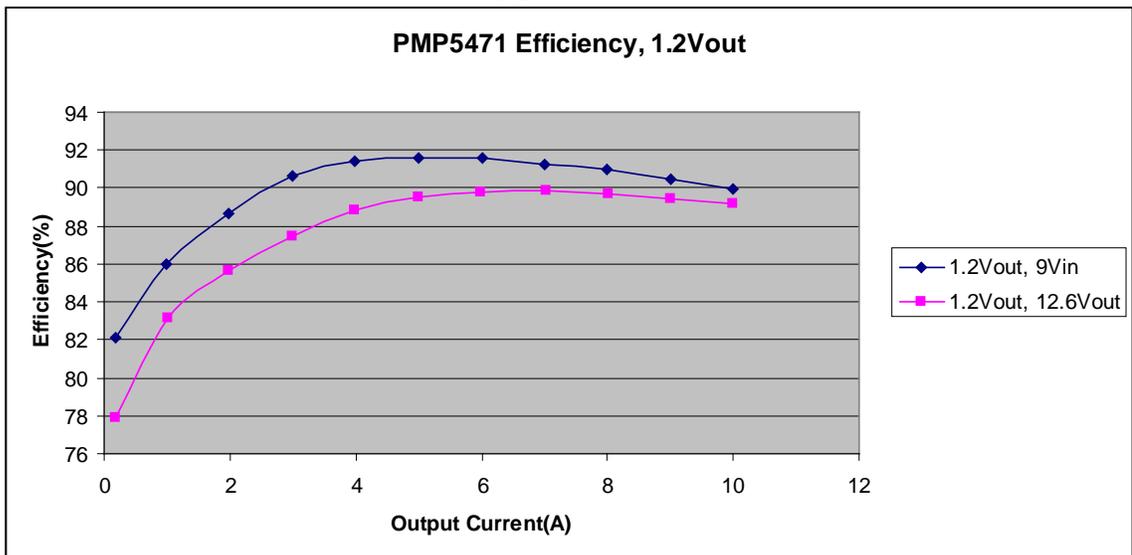
# PMP5471 Test Report

The waveform below shows the output voltage (in yellow, 10mV/div) after a 50% load-step of the output current (in green, 2A/div) from 10A to 5A. The timescale is 50us/div and the input voltage is 12.6V.



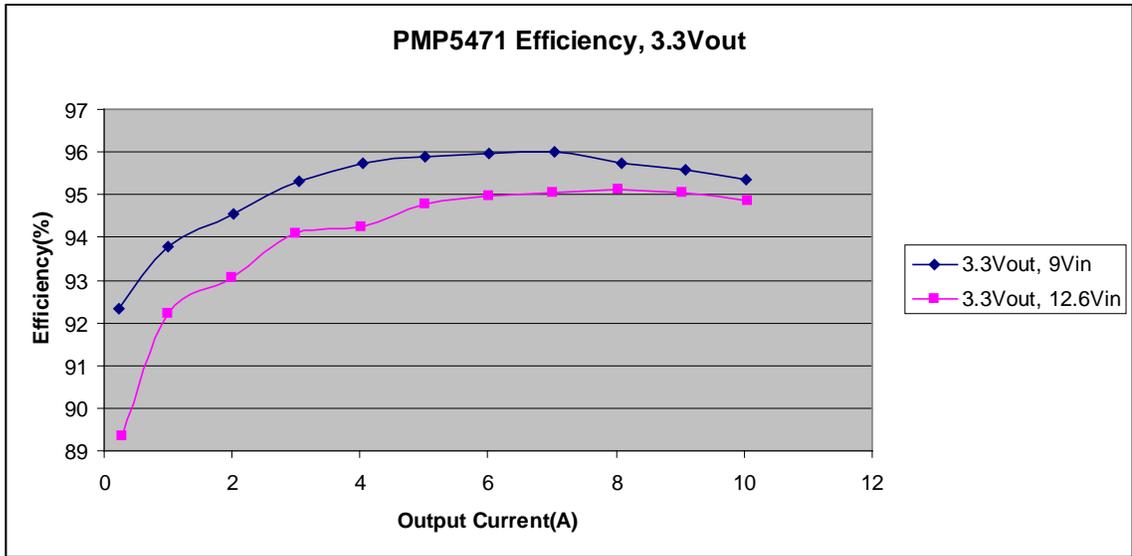
## 3) Efficiency

The waveforms below are the efficiency plots for 9Vin and 12.6Vin with 1.2Vout.



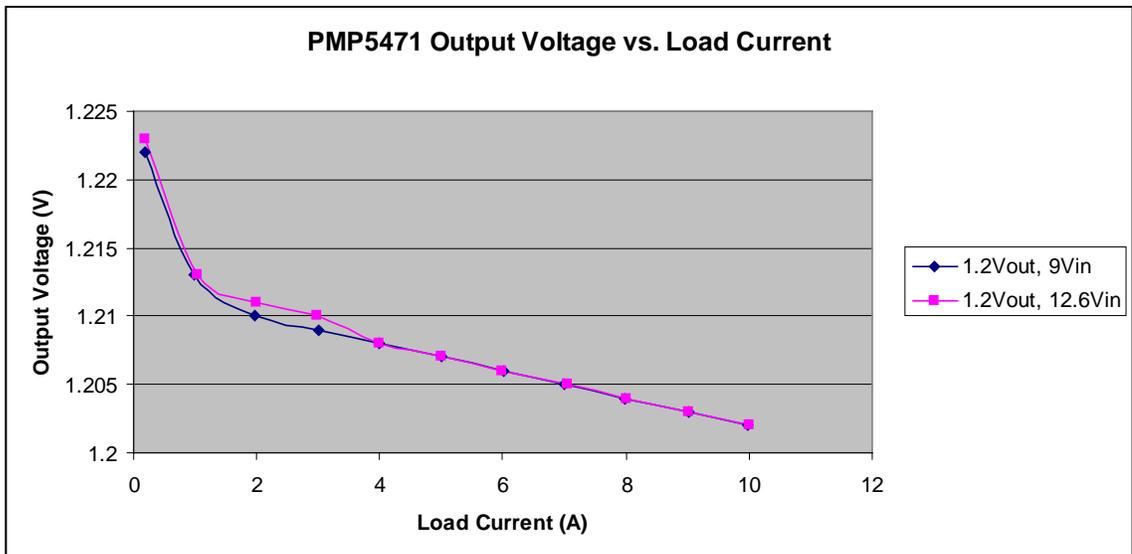
# PMP5471 Test Report

The waveforms below are the efficiency plots for 9Vin and 12.6Vin with 3.3Vout.



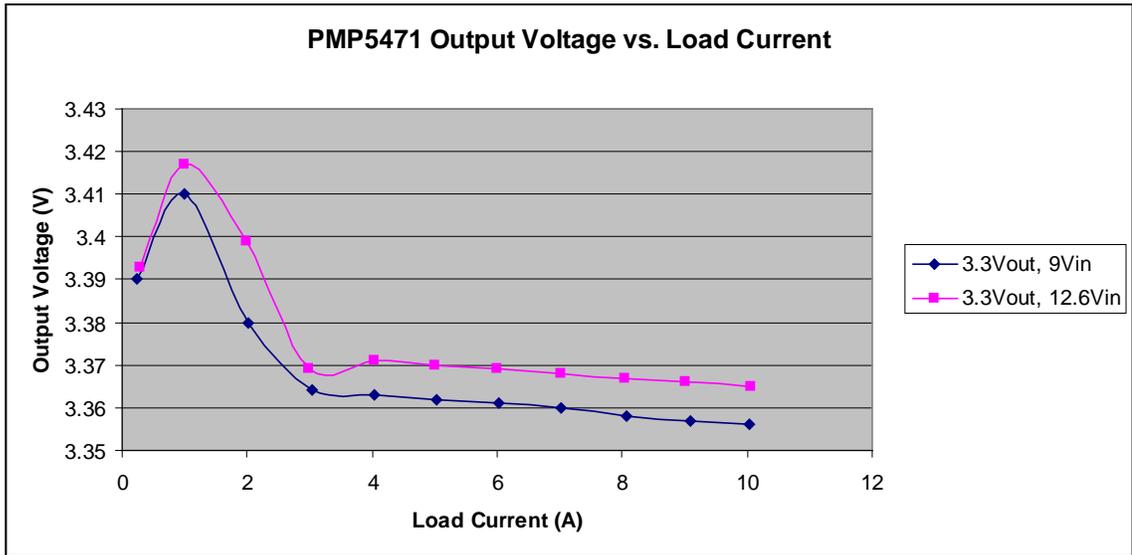
## 4) Load Regulation

The waveform below shows the load regulation for the 1.2Vout configuration.



## PMP5471 Test Report

The waveform below shows the load regulation for the 3.3Vout configuration.



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