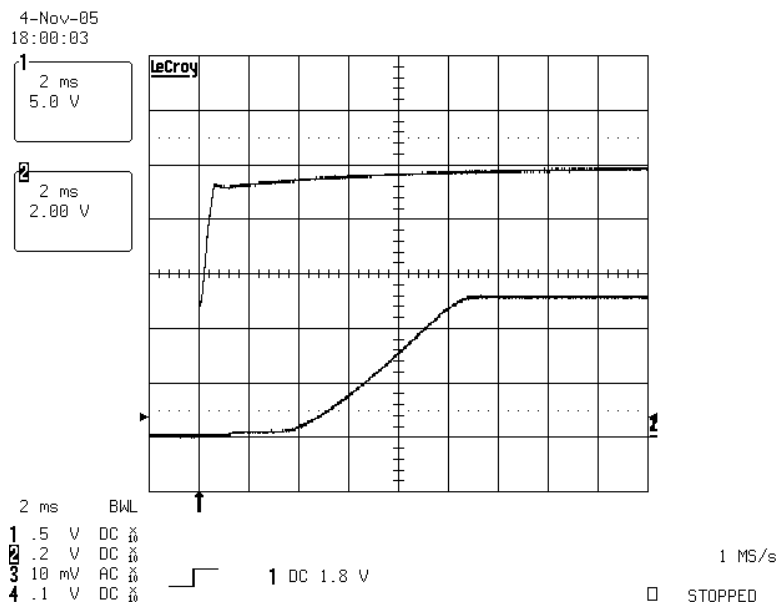


1 Startup

The startup waveform is shown in the figure below. The input voltage is set at 24V, with no load on the output.

Channel 1 : Vout

Channel 2 : Vin

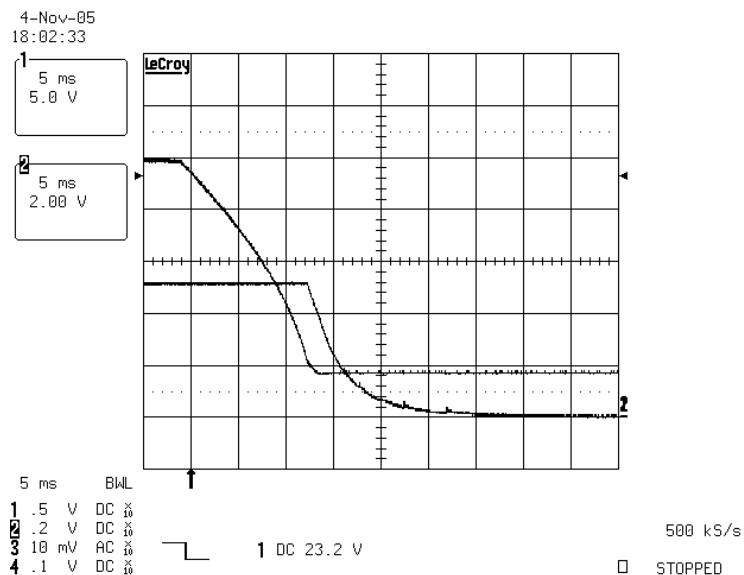


2 Shutdown

The shutdown waveform is shown in the figure below. The input voltage is set at 24V, with a 500mA load on the output.

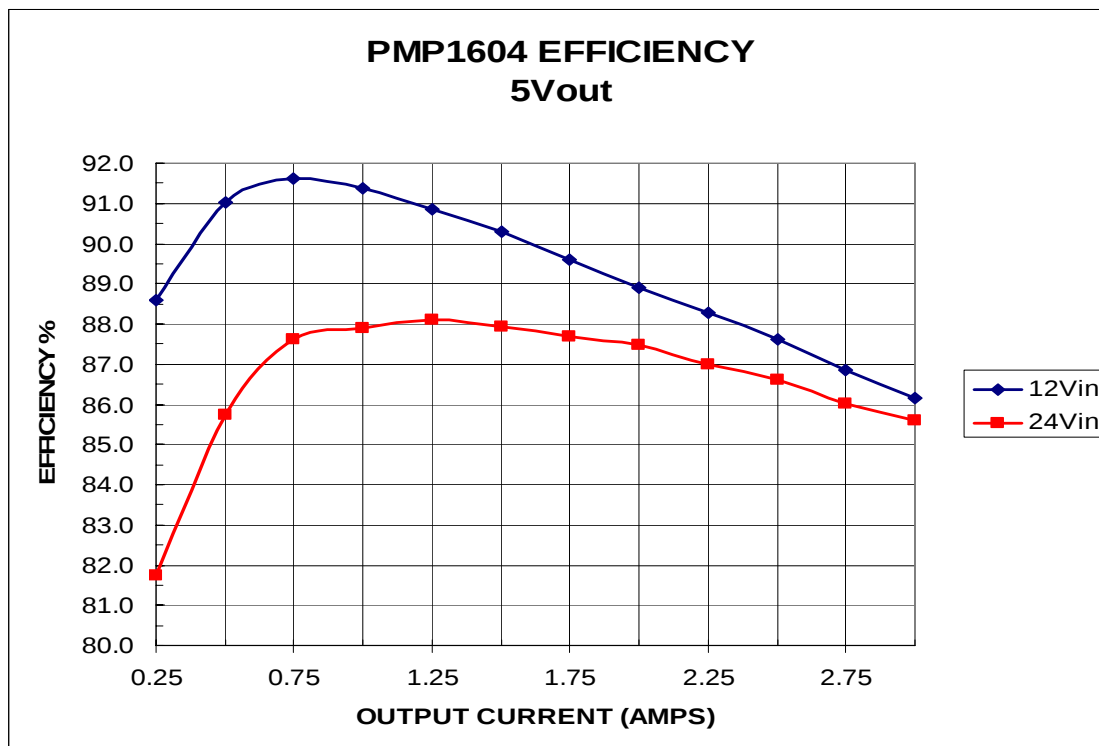
Channel 1 : Vin

Channel 2 : Vout



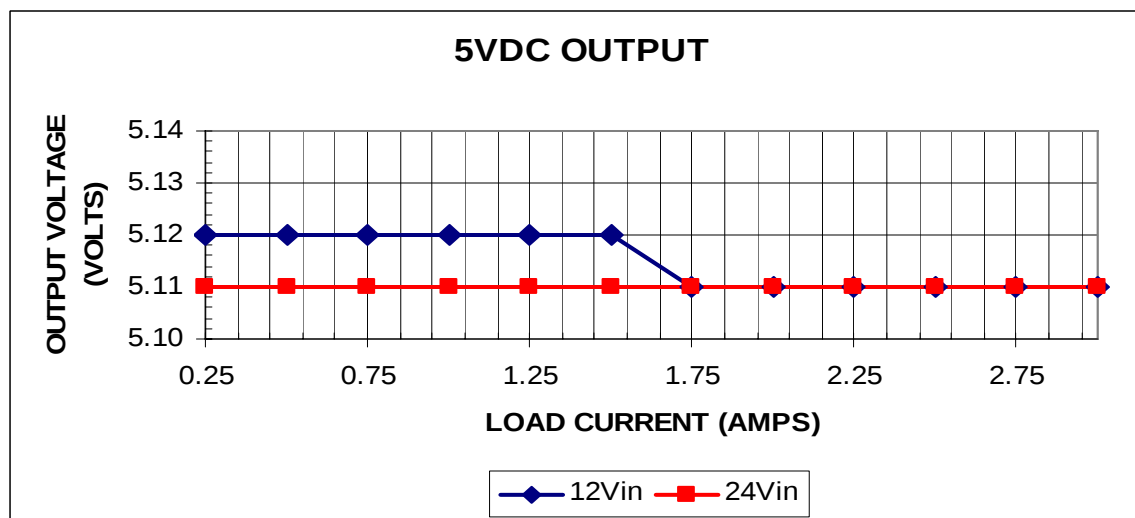
3 Efficiency

The efficiency is shown in the figure below.



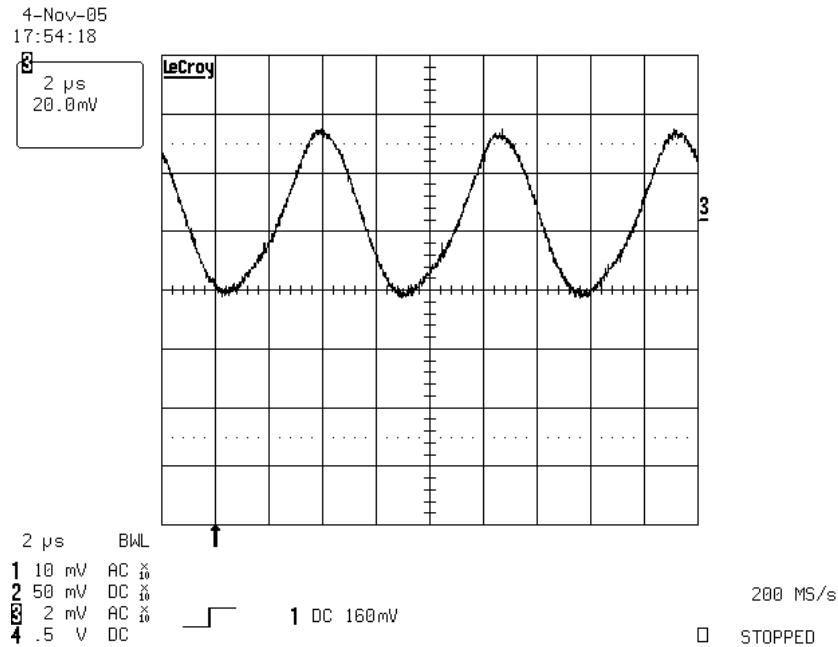
4 Load Regulation

The load regulation of the 5V output is shown in the graph below.



5 Output Ripple Voltage

The output ripple voltage is shown in the figure below. The image was taken with a 3A load.

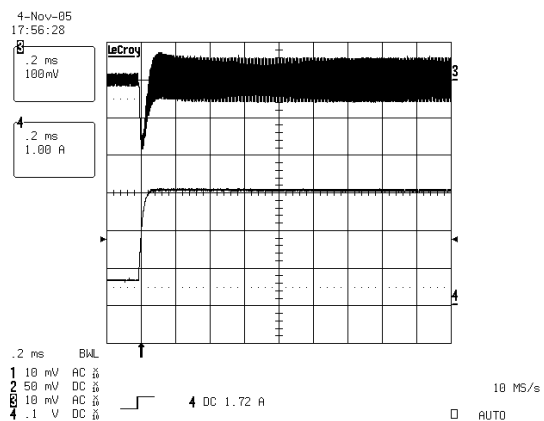
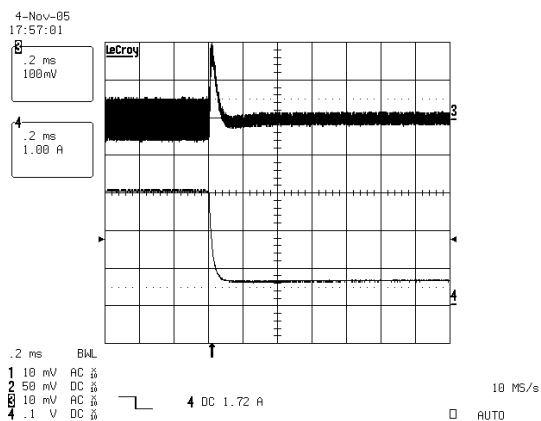


6 Load Transients

The figures below show the response of the 5V output to load transients. The input voltage was set to 12V.

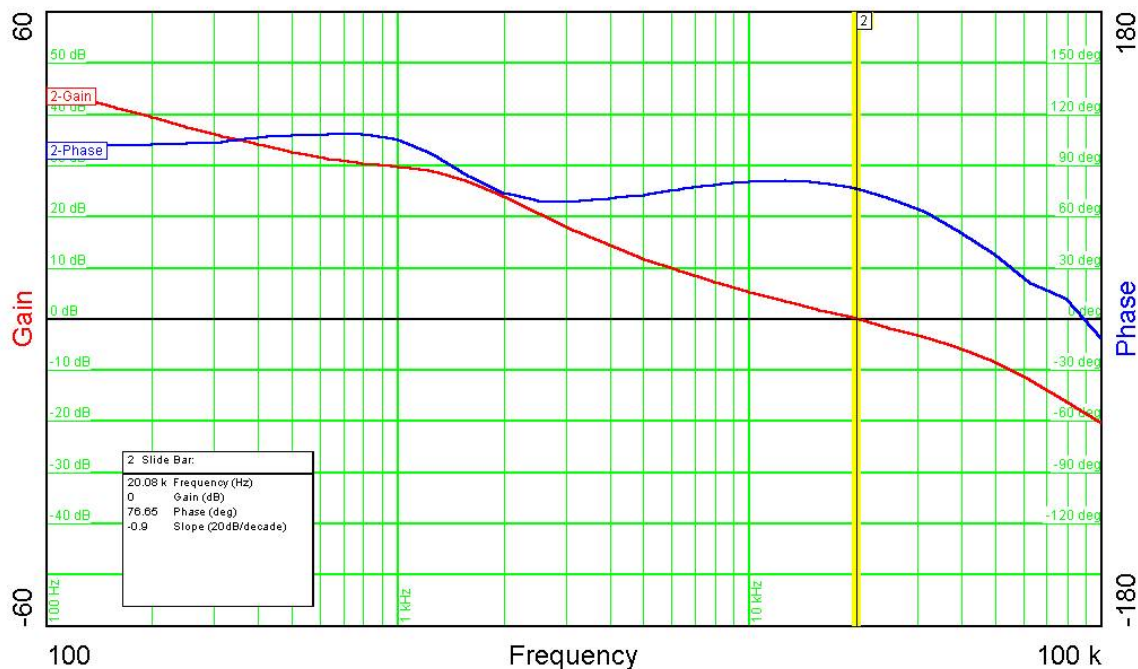
Channel 3 : Vout (AC coupled)

Channel 4 : Load current



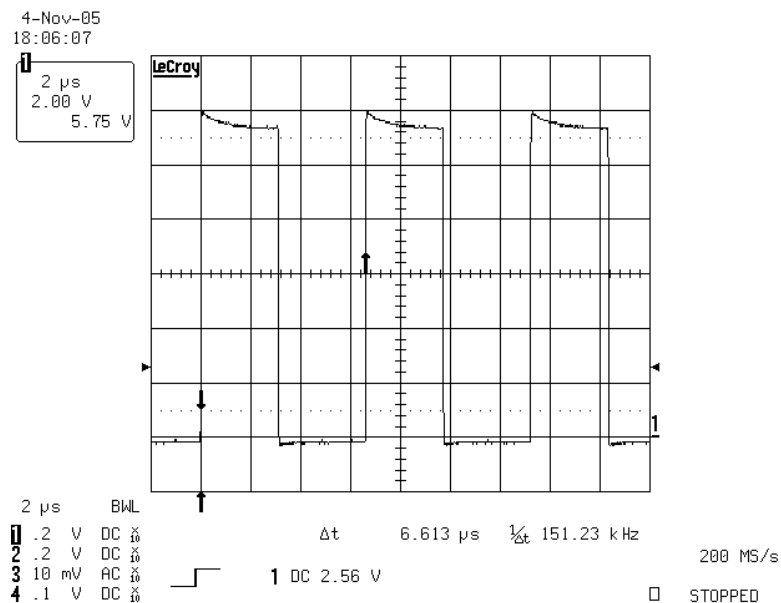
7 Frequency Response

The figure below shows the loop response of the 5V output with a 24V input and a 3A load.

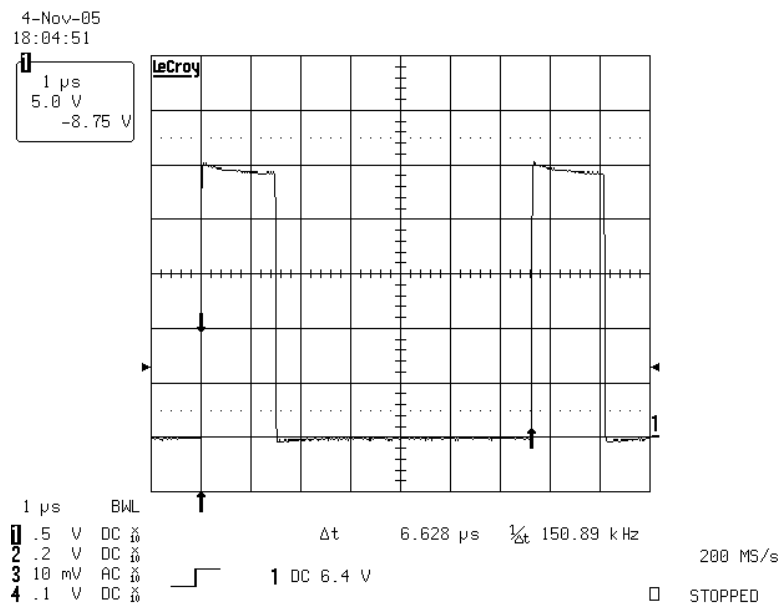


8 Miscellaneous Waveforms

The figure below shows the voltage waveform on the phase node of the 5V output. This image was captured with a 12V input and a 2A load.



The figure below shows the voltage waveform on the phase node of the 5Voutput. This image was captured with a 24V input and a 2A load.



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