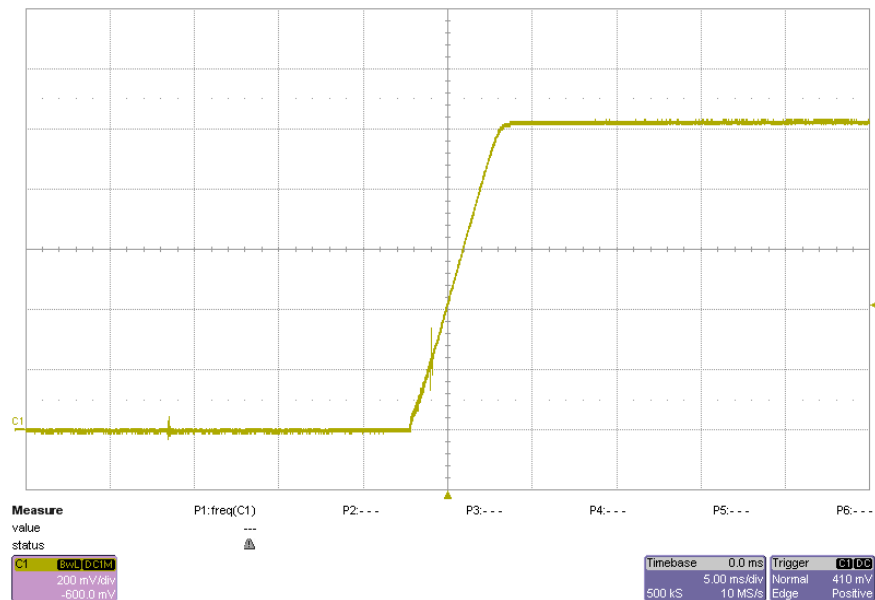


PMP2341 Test Results

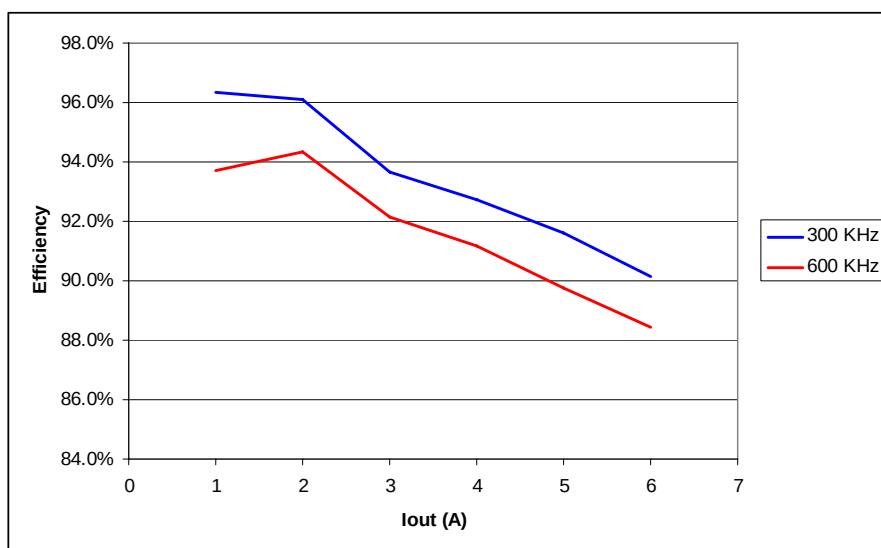
1 Startup

The startup waveform is shown in the figure below. The input voltage was set at 3.3V, with 3 A load on the output.



2 Efficiency

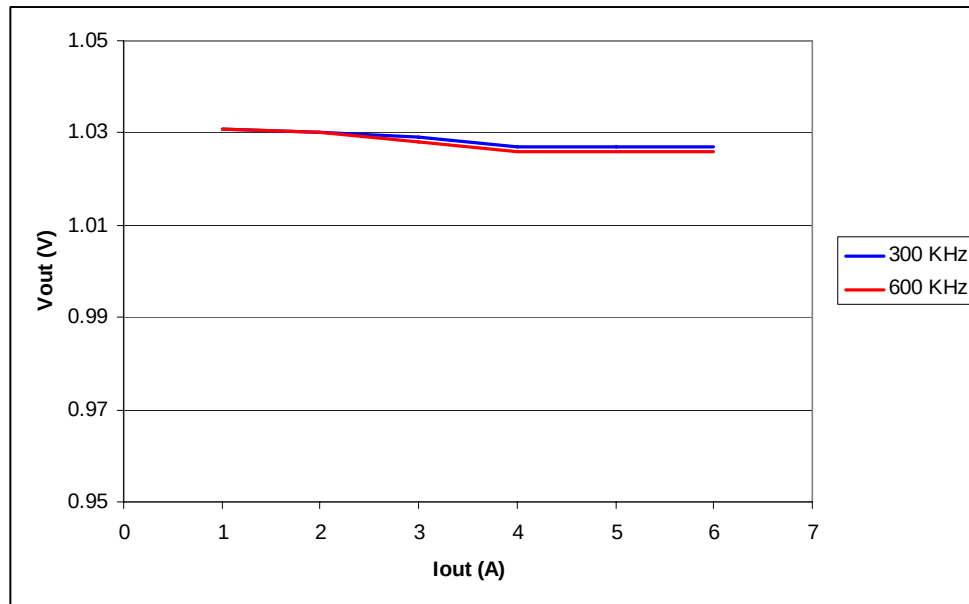
The efficiency is shown in the figure below.



PMP2341 Test Results

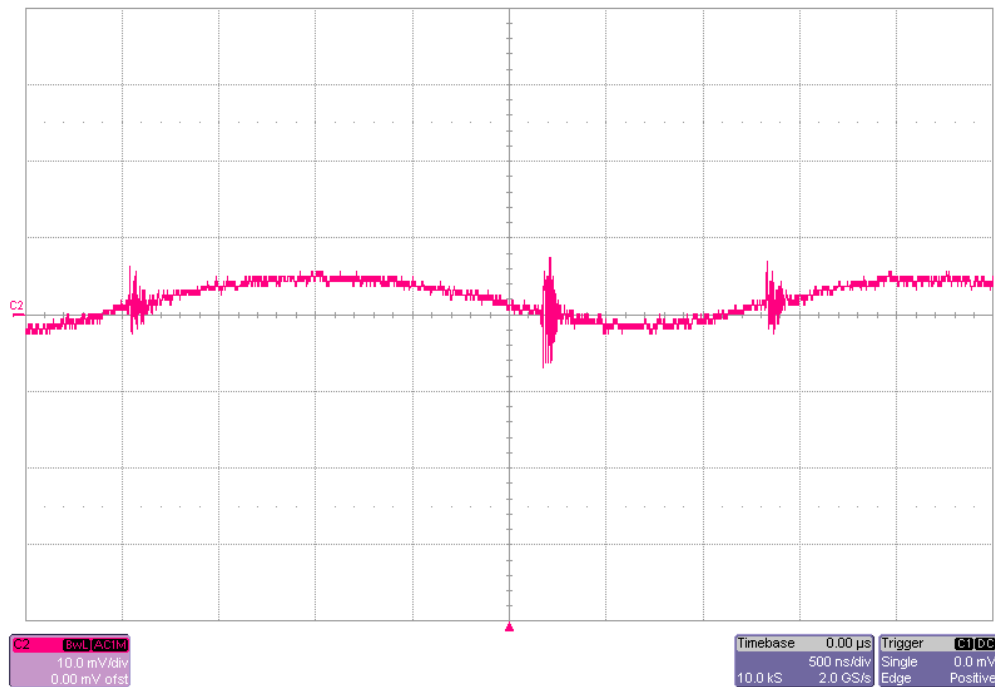
3 Load Regulation

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

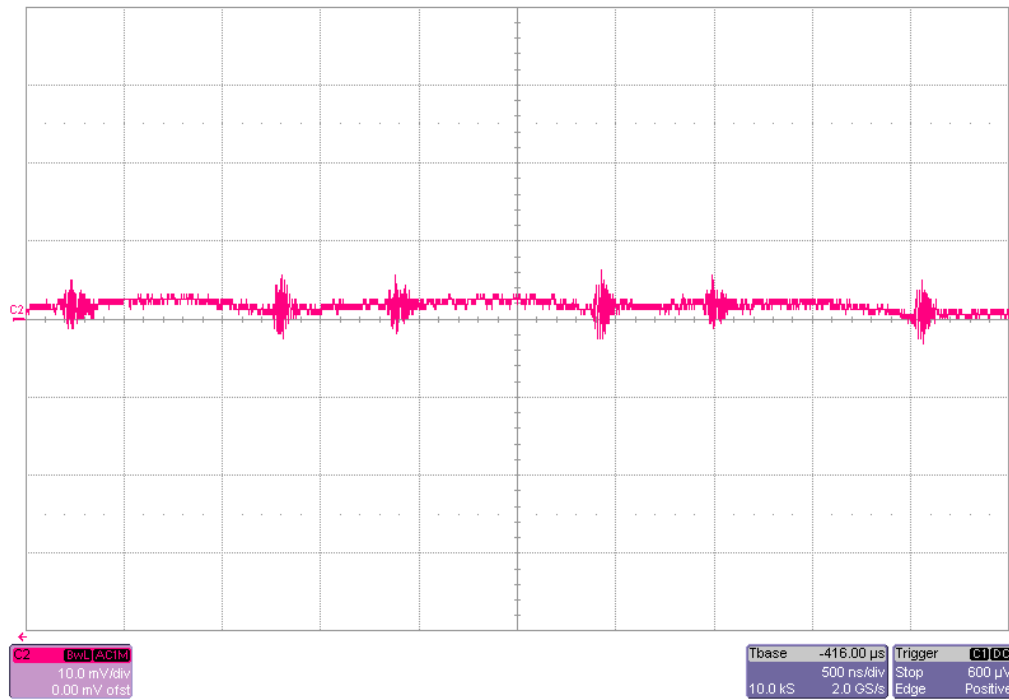


4 Output Ripple Voltage

The 300 kHz output ripple voltage is shown in the figure below. The image was taken with a 6 A load.

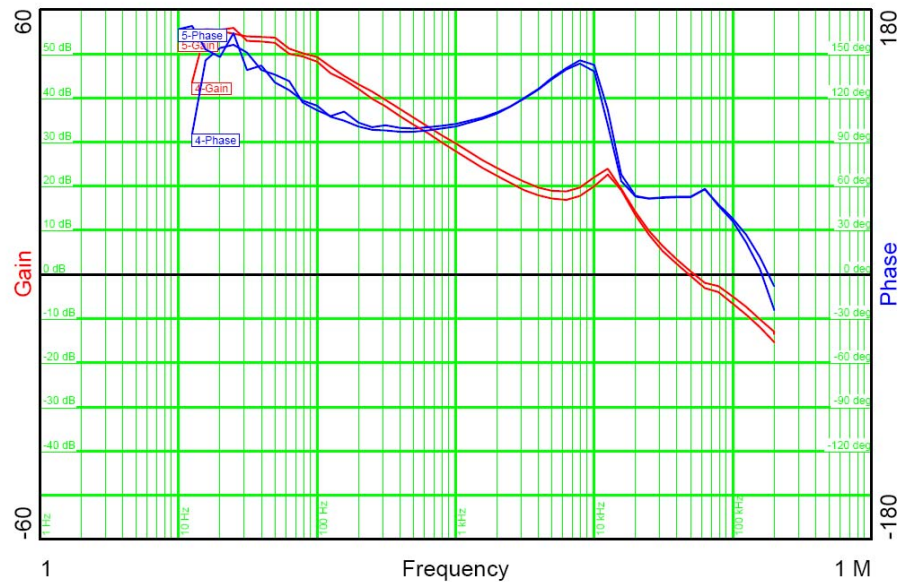


The 600 kHz output ripple voltage is shown in the figure below. The image was taken with a 6 A load.



5 Control Loop Frequency Response

The figures below shows the loop response with a 3.3V input, and a 3000 mA load. 300 KHz has slightly less pahes.



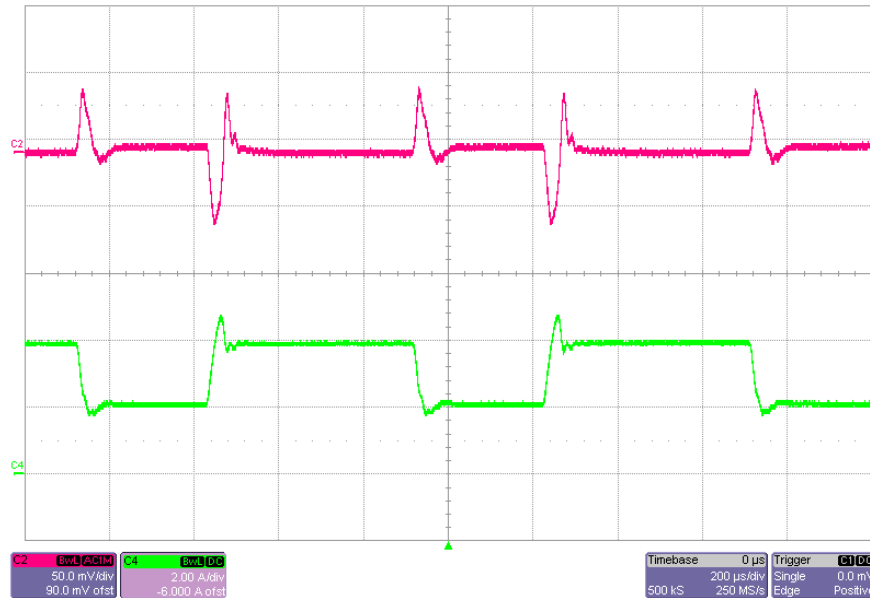
PMP2341 Test Results

6 Load Transients

The figures below show the response to load transients. The input voltage was set to 3.3V.

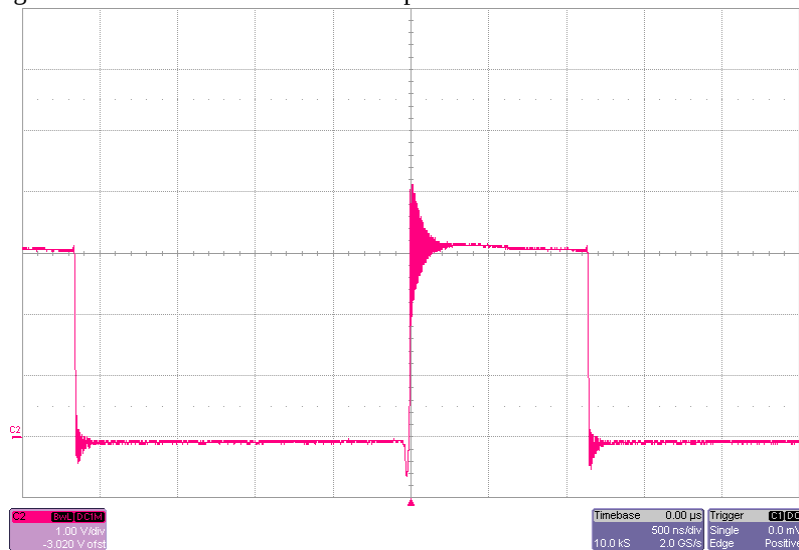
Channel 1 : Vout (AC coupled 50 mV/div)

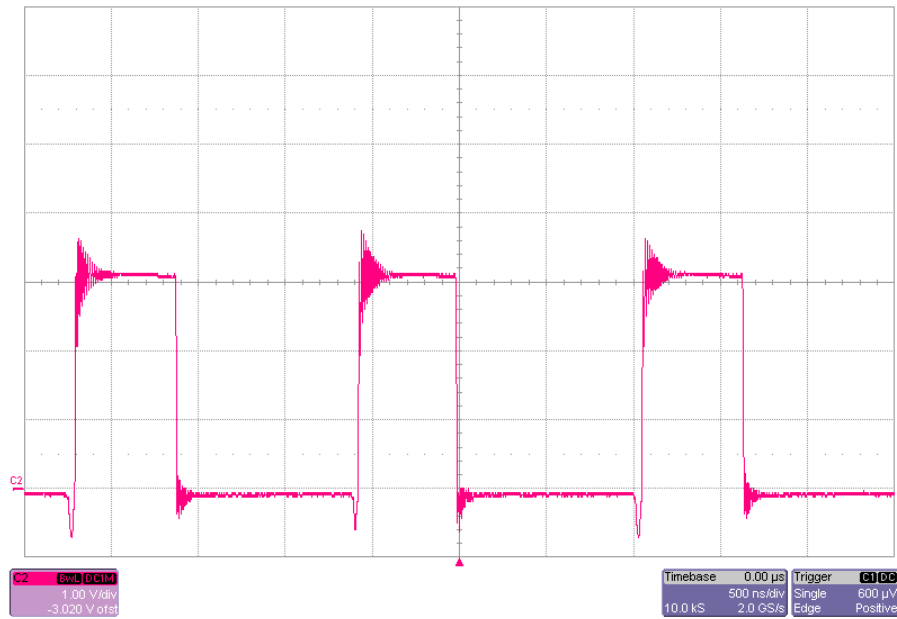
Channel 4 : Load current 2=>4+A Step



7 Switch Node Waveforms

The following figure shows the switch nodes at 3 amps out.





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