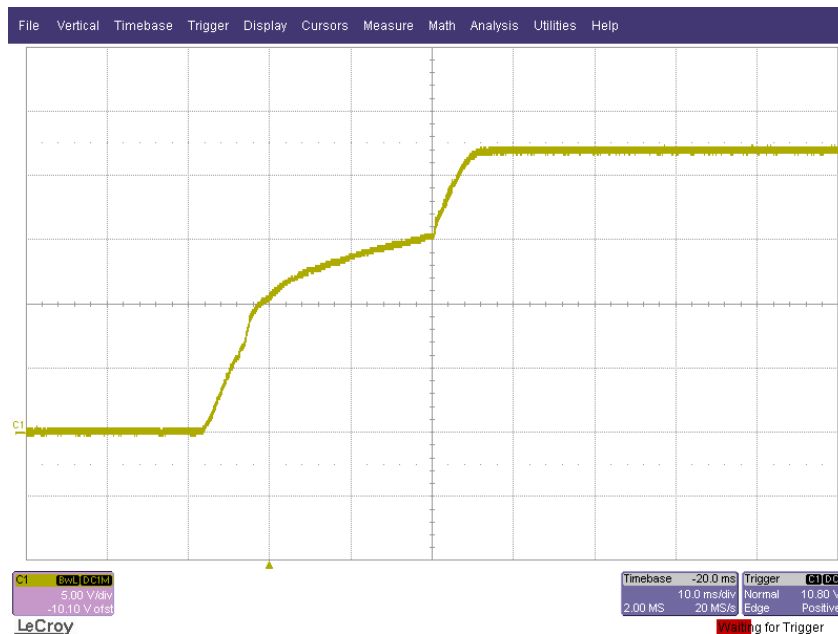


PMP2942 Test Results

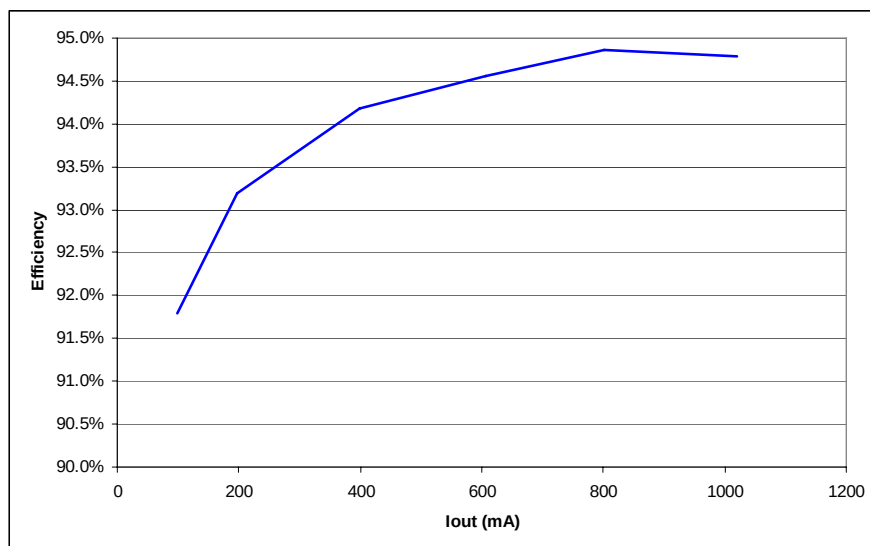
1 Startup

The startup waveform is shown in the figure below. The input voltage was set at 18V, with 1 A load on the output.



2 Efficiency

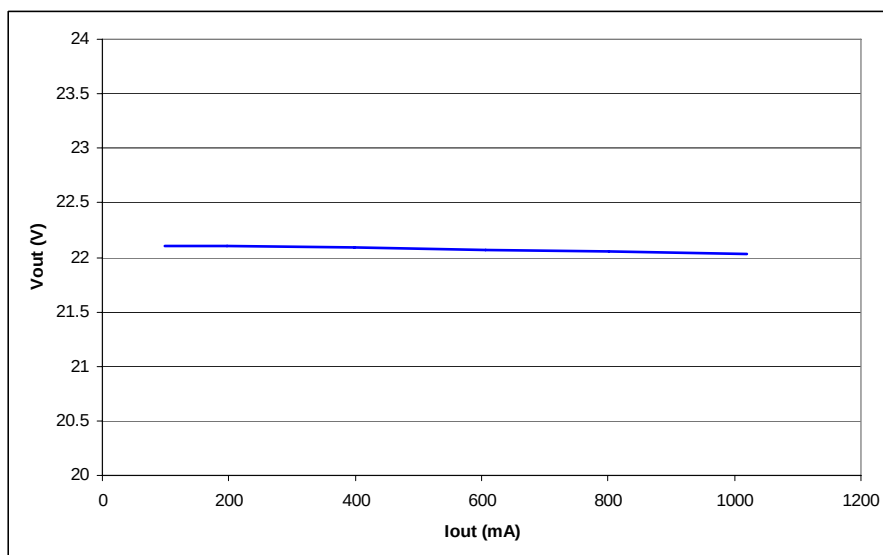
The efficiency is shown in the figure below.



PMP2942 Test Results

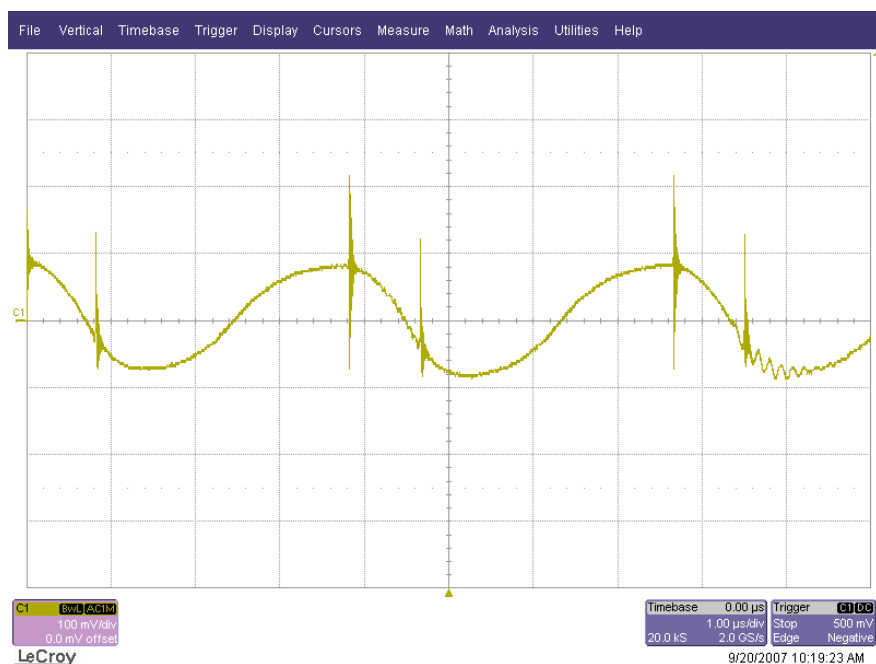
3 Load Regulation

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



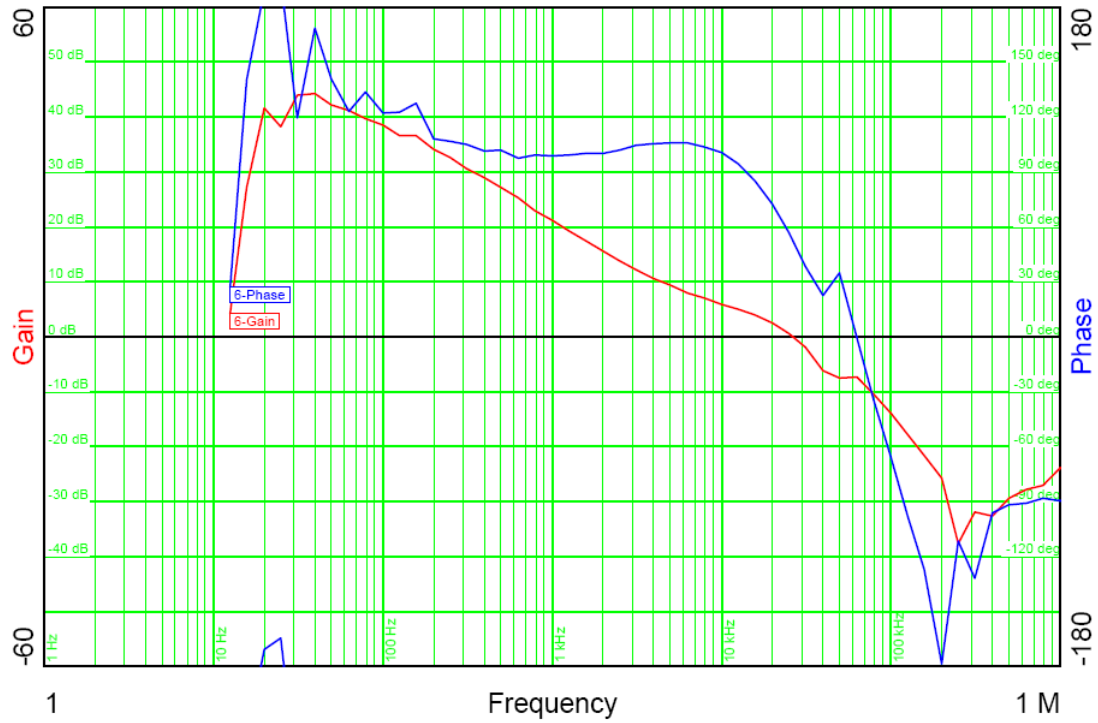
4 Output Ripple Voltage

The output ripple voltage is shown in the figure below. The image was taken with a 1 A load. 100 mV/div Vertical and 1 μ S/div Horizontal.



5 Control Loop Frequency Response

The figures below shows the loop response with a 18V input, and a 1A load.



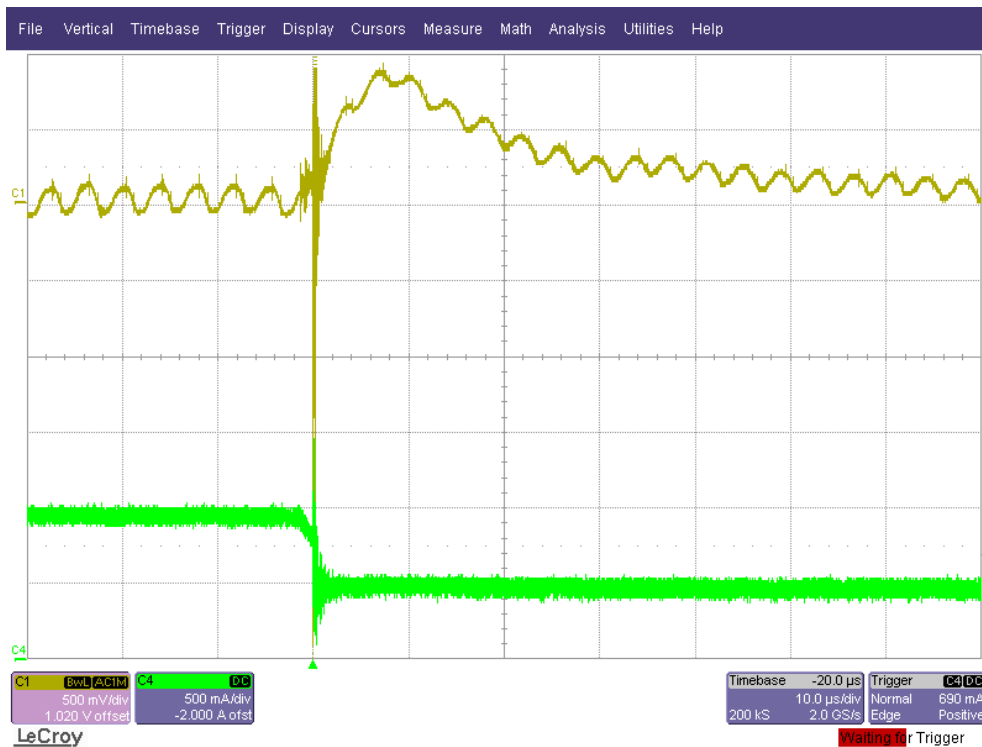
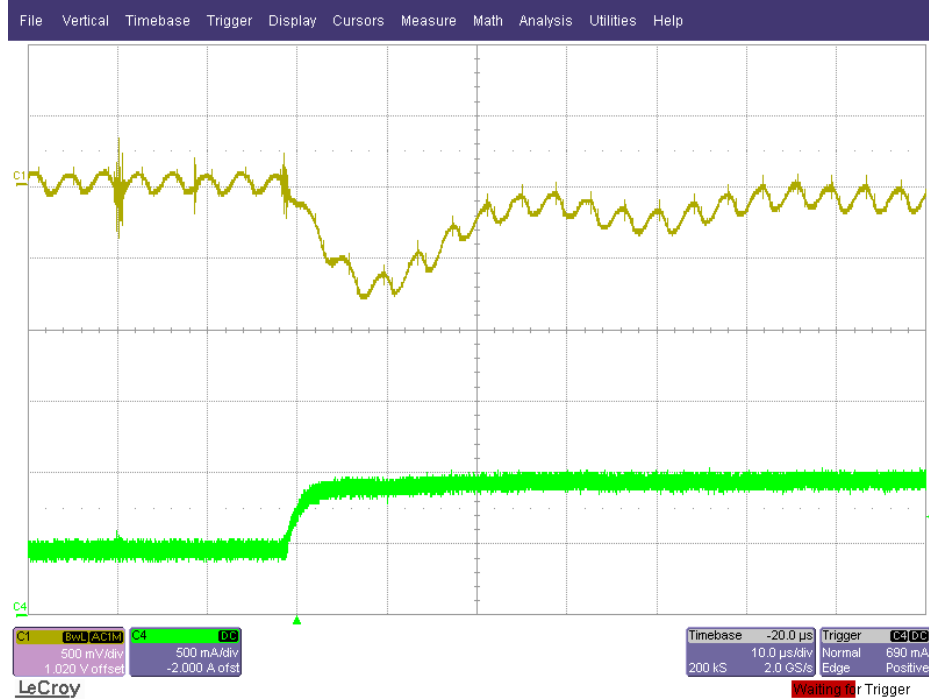
PMP2942 Test Results

6 Load Transients

The figures below show the response to load transients. The input voltage was set to 18V.

Channel 1 : Vout (AC coupled)

Channel 4 : Load current



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