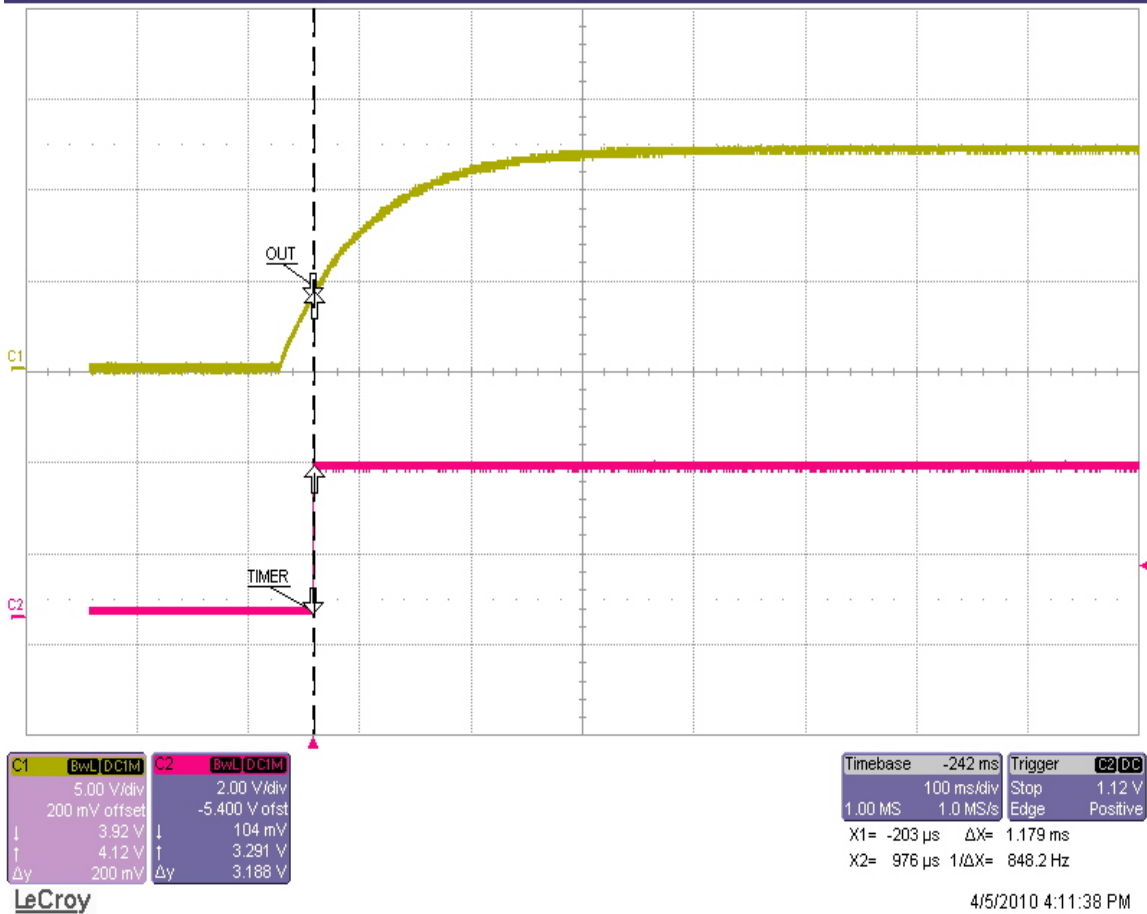




1 Startup

The startup waveform is shown in the figure below. The input voltage was set at 12V, 5A loads on the outputs.
Output: 3.3V @ 5A

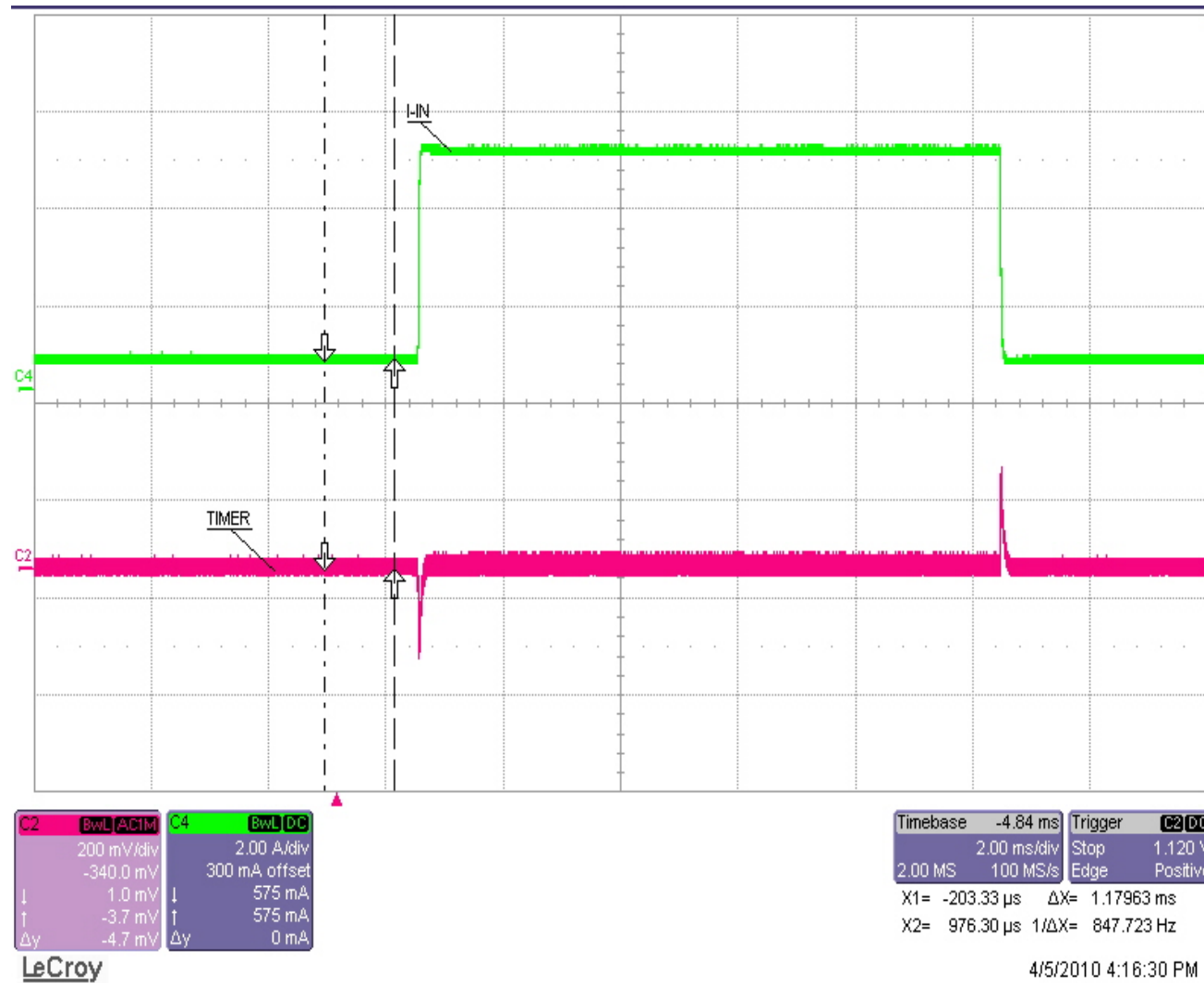


2) load transients

The figures below show the 3.3V output response to load transients. The input voltage was set to 12V.

Channel 1 : Vout (AC coupled)

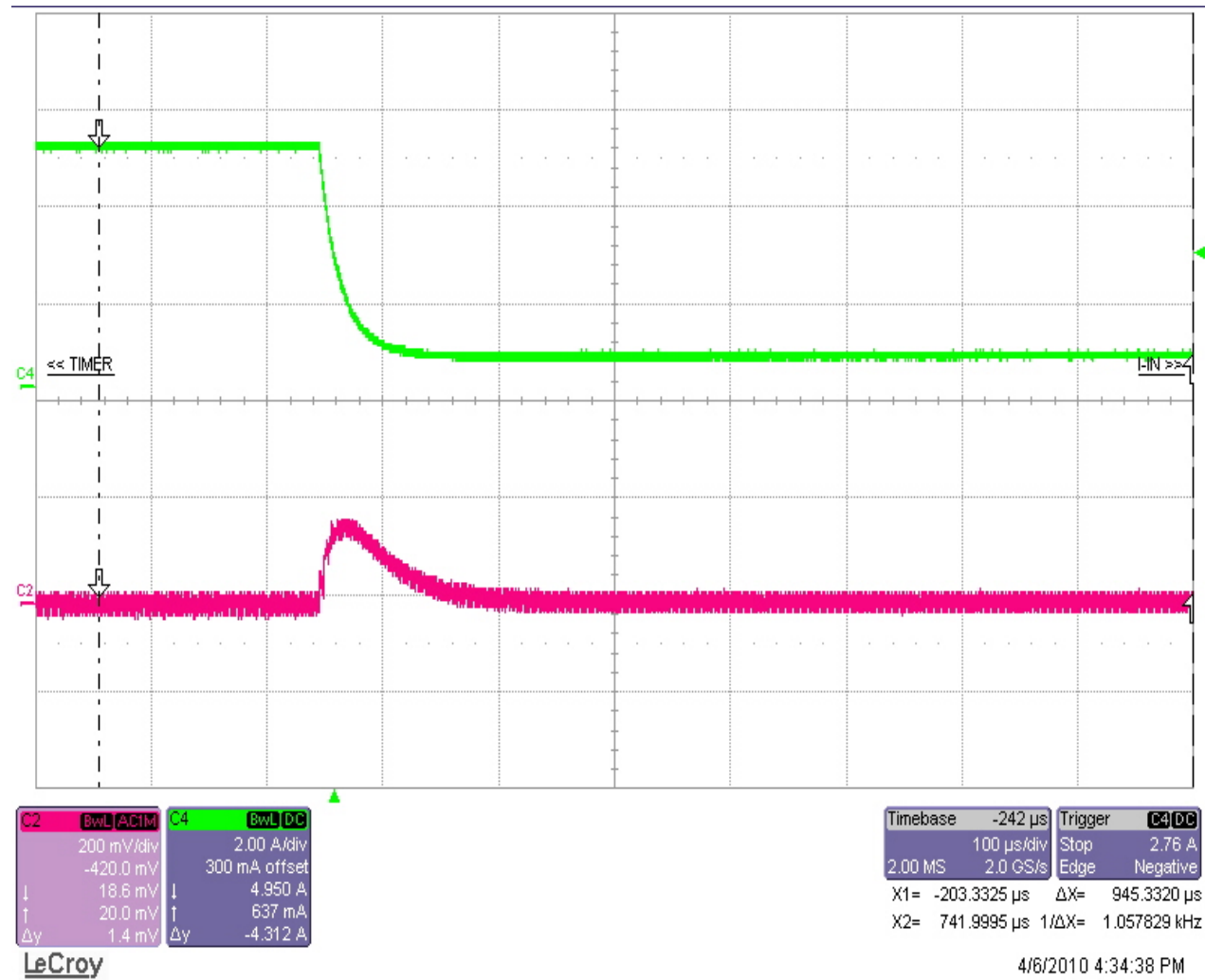
Channel 4 : Load current (Varies between 500mA to 5A)



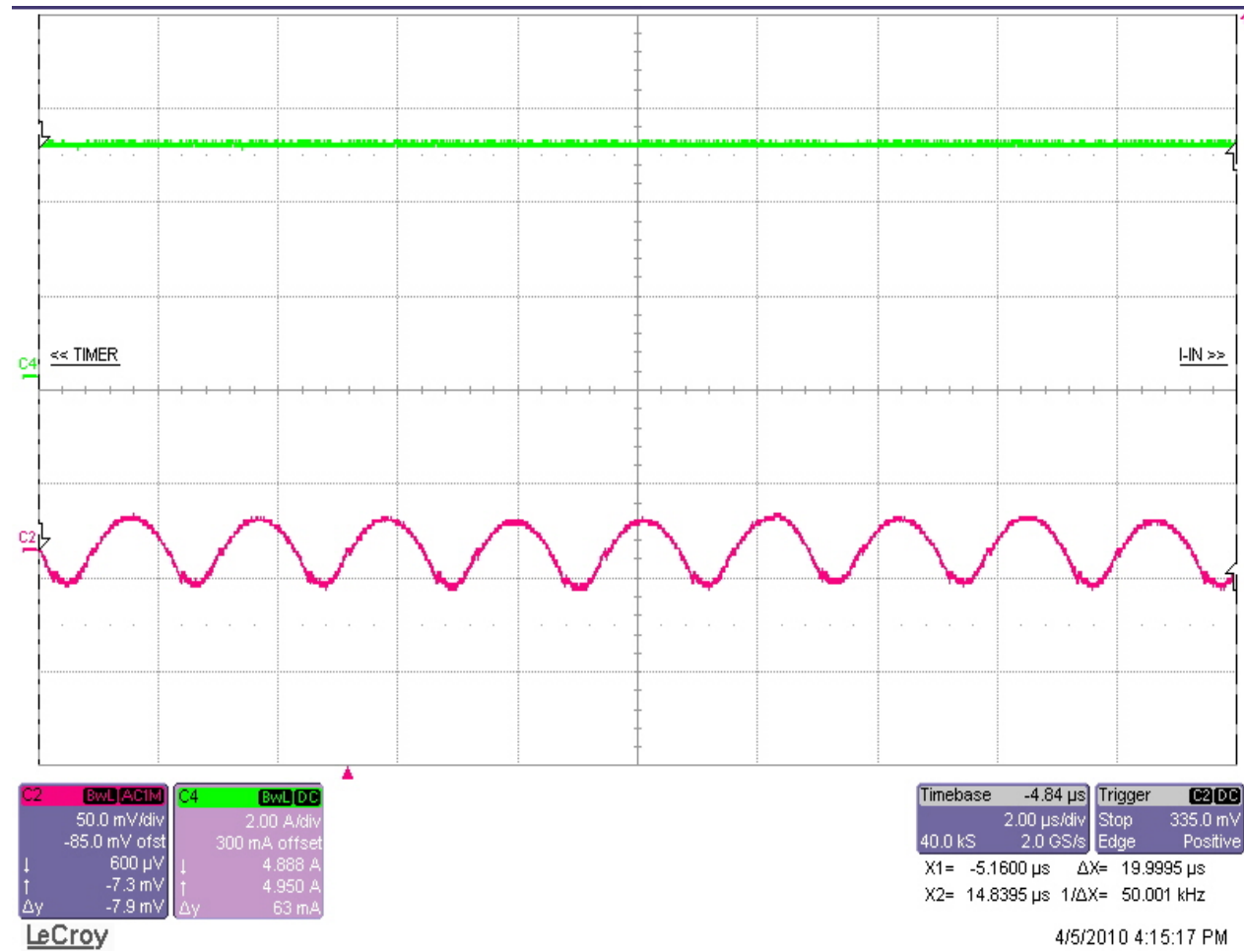
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PMP5382 Test Results

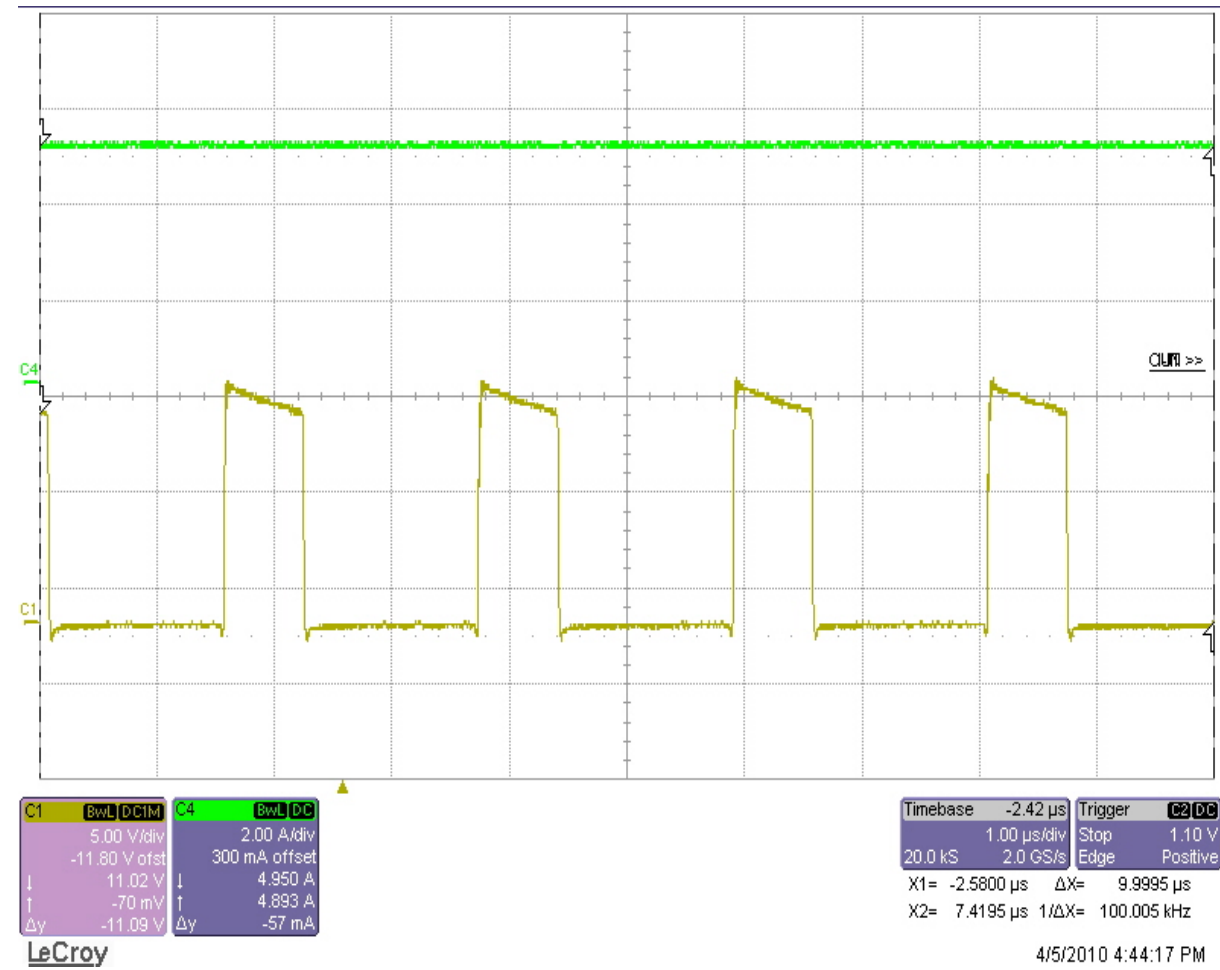




4) Output ripple: Following figure shows the output ripple at full load (5A load). Input voltage set at 12V



5) Switch node waveform: Following figure shows switch node waveform at full load (5A)

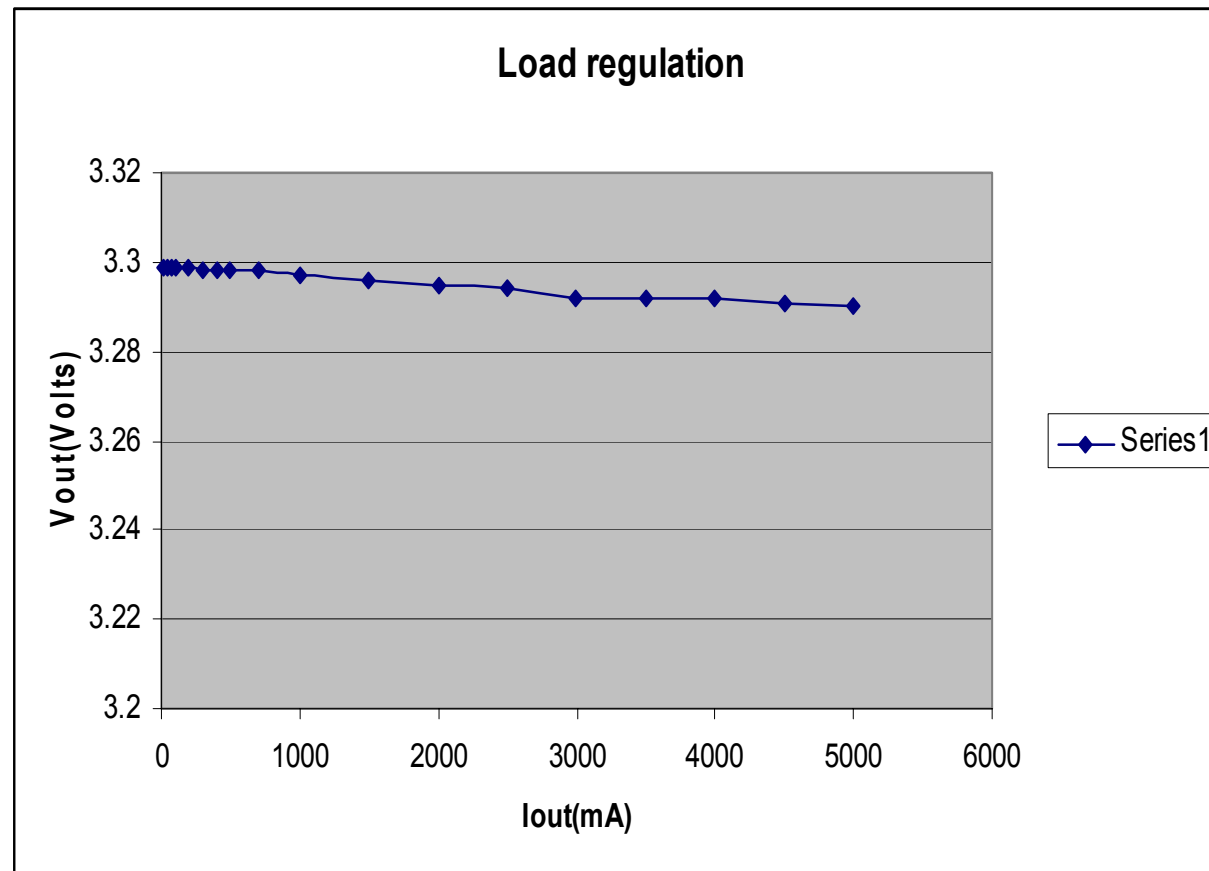


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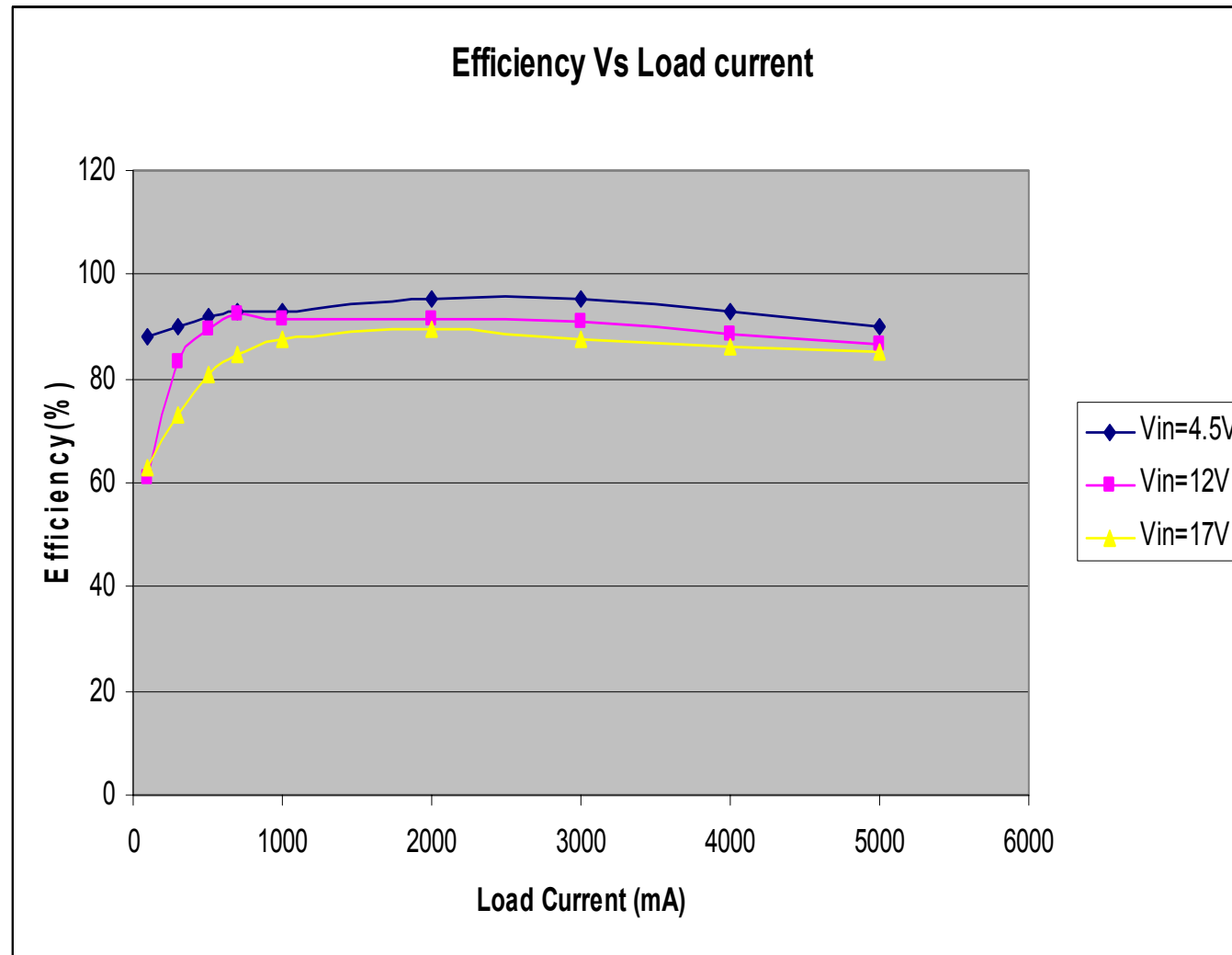
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6) Load Regulation:



7) Efficiency: Following graphs show the efficiency at various input voltages (4.5V,12V,17V)



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