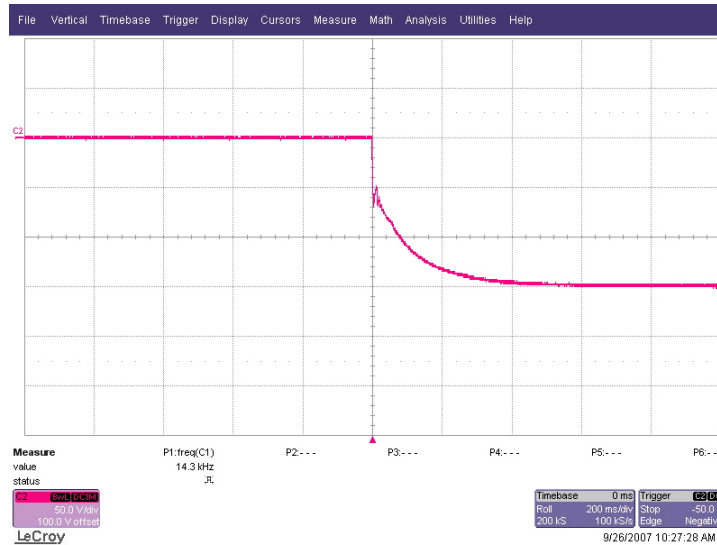


1 Startup

The photo below shows the startup waveform. The input voltage is 5V, the output is not loaded. The timebase is set to 200ms/Division.

Channel 2 : -150V Output – Pink (50V/Division)

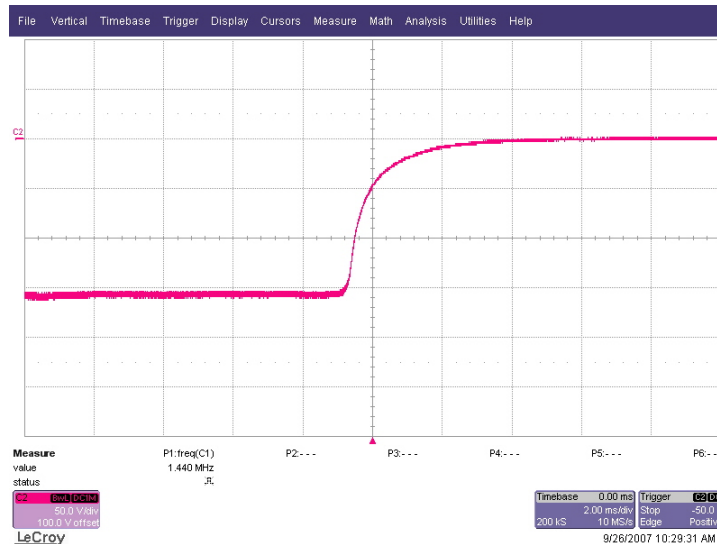


5V is applied

2 Shutdown

The photo below shows the shutdown waveform. The input voltage is 5V. The timebase is set to 2ms/Division. The output is loaded with 130mA. The supply is turned off by removing the 5V.

Channel 2 : -150V Output – Yellow (1V/Division)

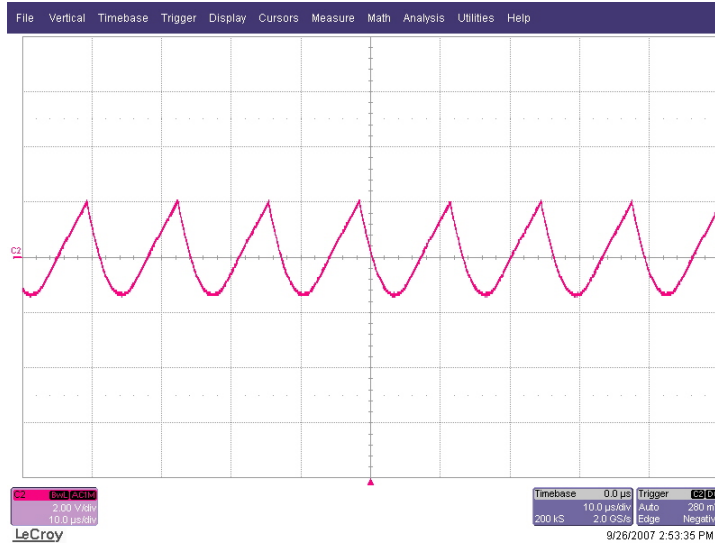


5V is removed

3 Output Ripple Voltage

The output voltage ripple is shown in the figure below. The input is 5V. The output is fully loaded. The timebase is 2us/Division.

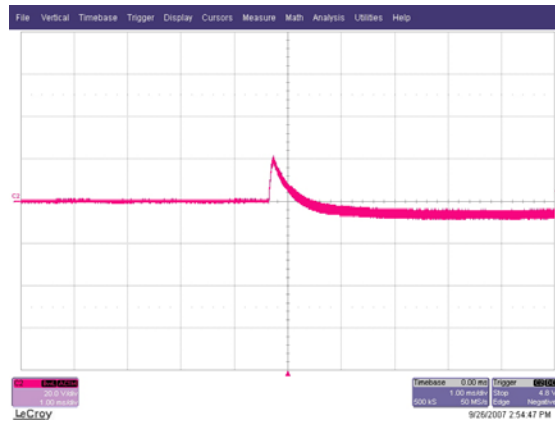
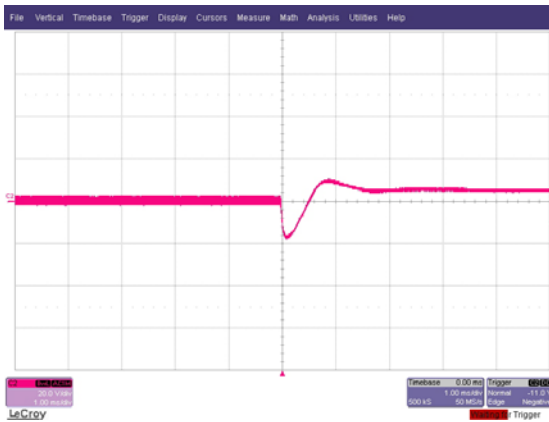
Channel 2 : -150V Output – Pink (AC Coupled; 20mV/Division)



4 Load Transients

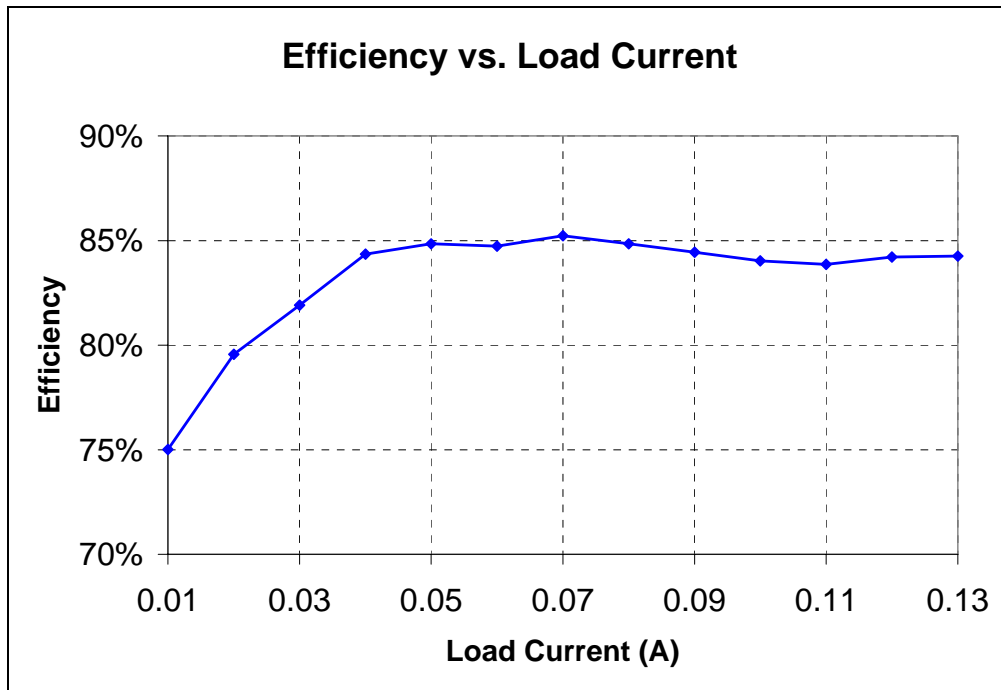
The photos below show the transient response. The current is pulsed from 10% to 100% load. The timebase is set to 200us/Division.

Channel 2 : -150V Output – Pink (AC Coupled; 20V/Division)



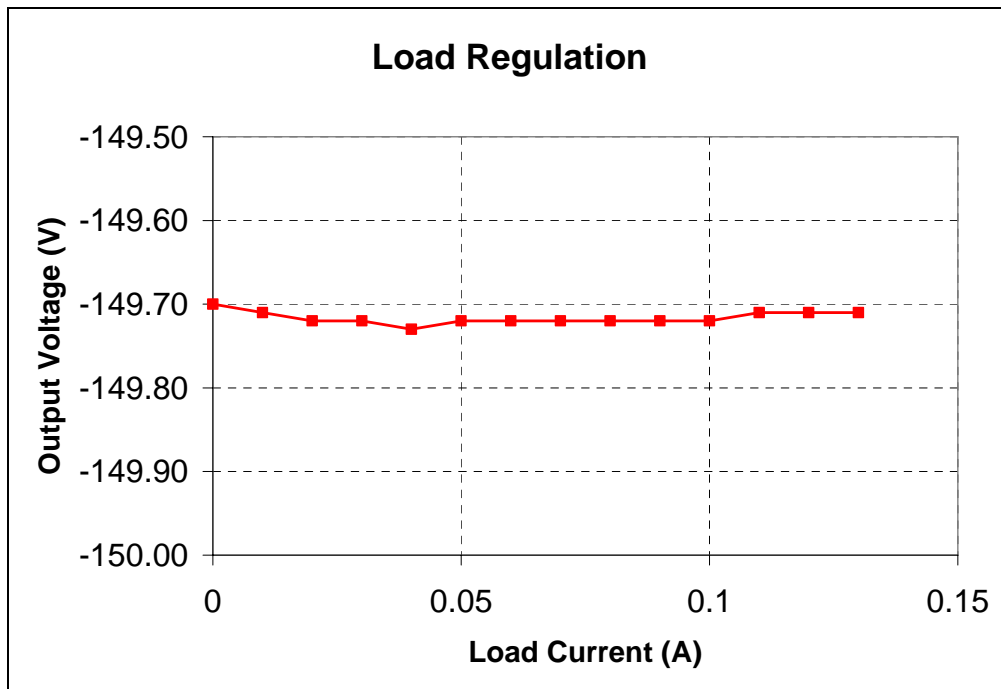
5 Efficiency

The efficiency of the converter is shown in the figure below.



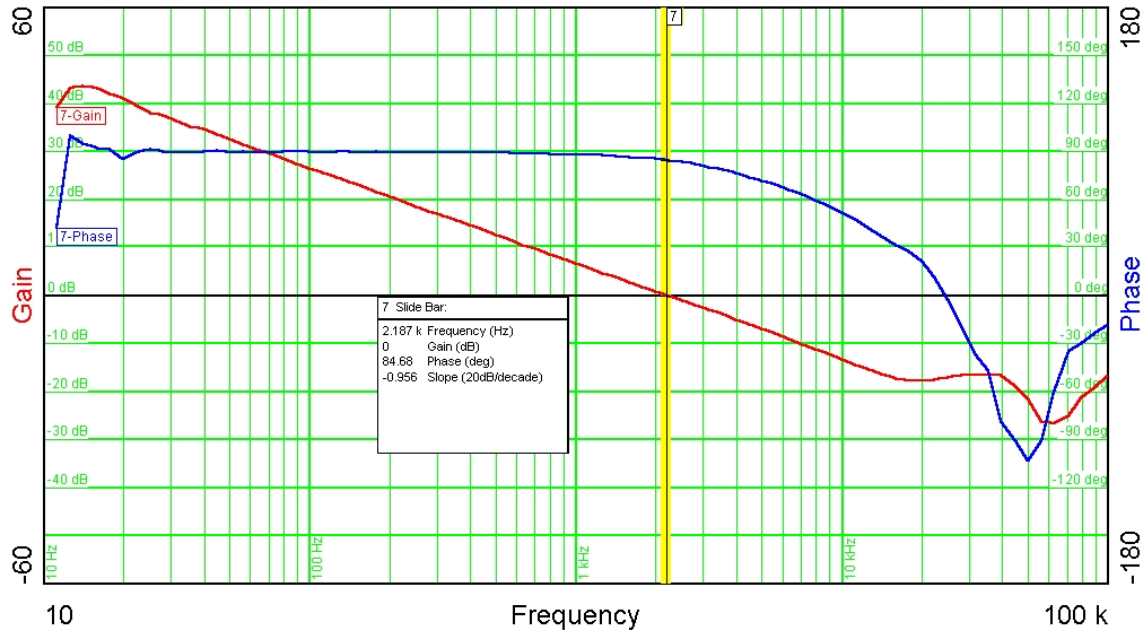
6 Load Regulation

The load regulation is shown in the figure below.



7 Loop Response

The loop response for the converter is shown in the figure below.



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