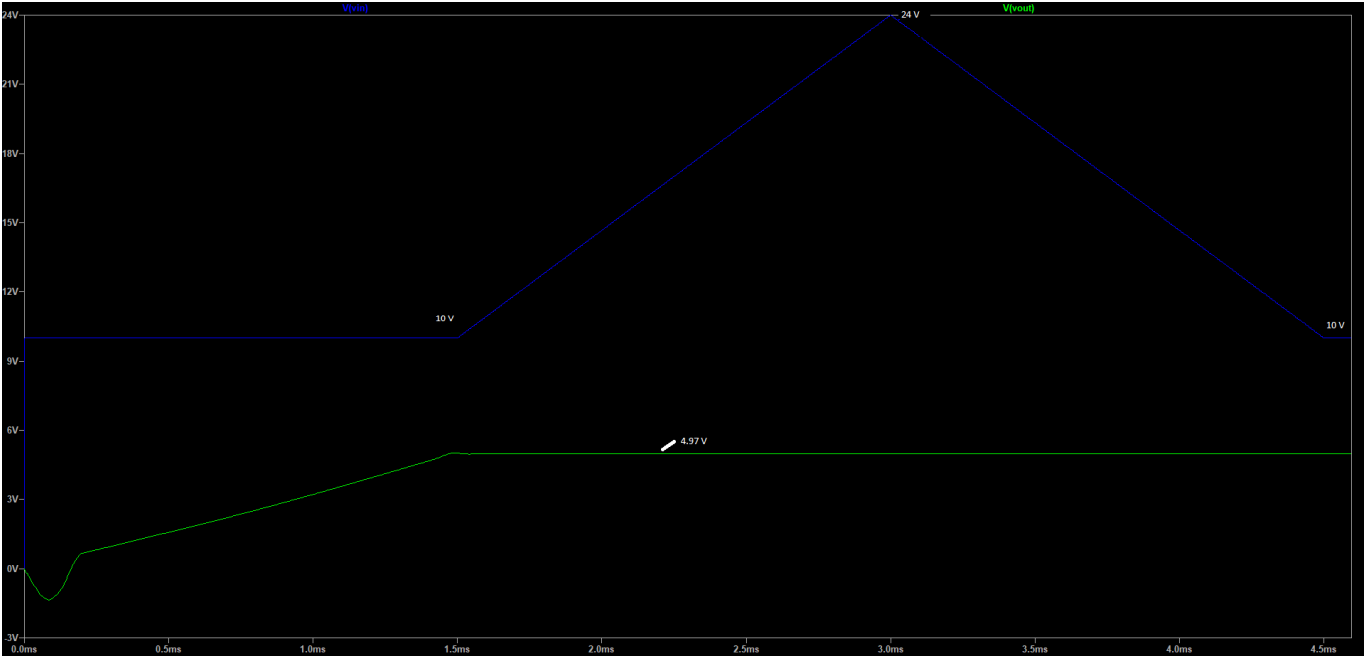
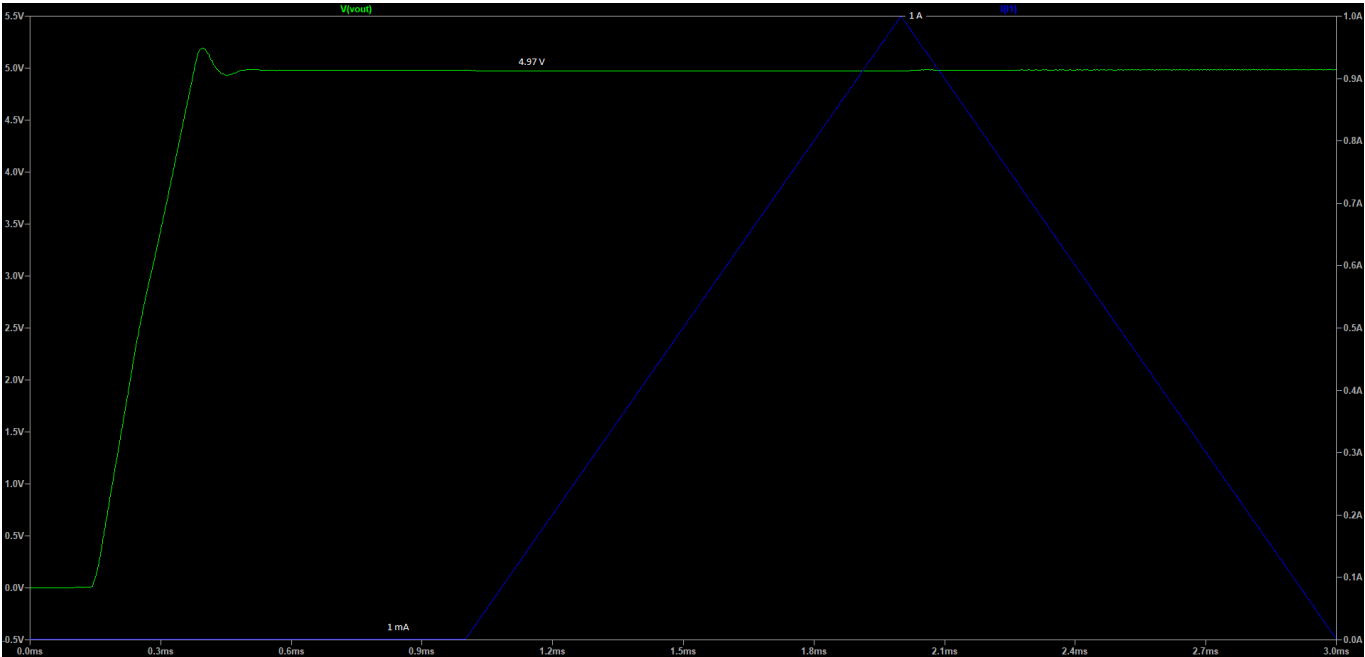


Performance of the circuit (graphs, measurements, etc.),
simulation results

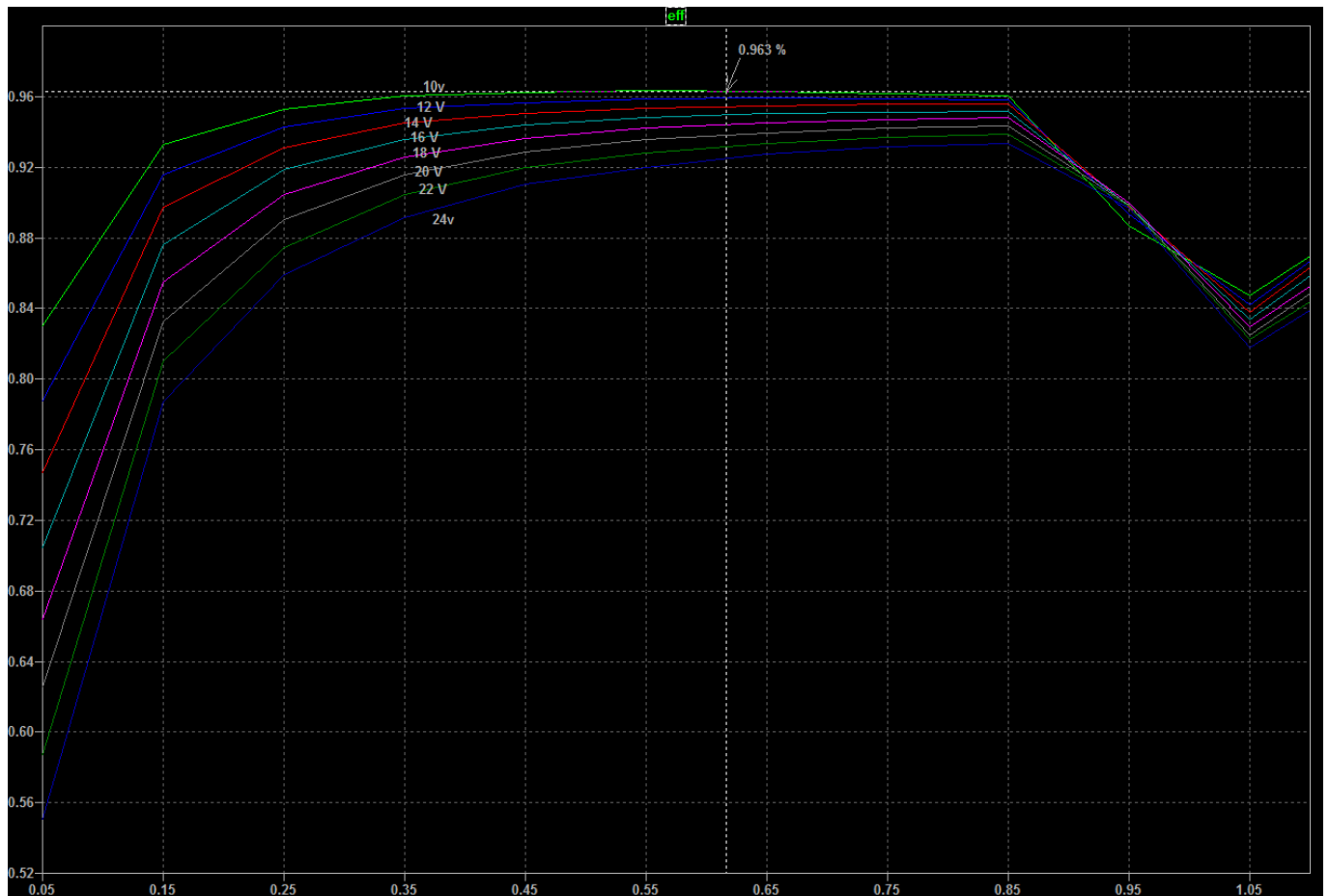
(V_{out} vs V_{in})



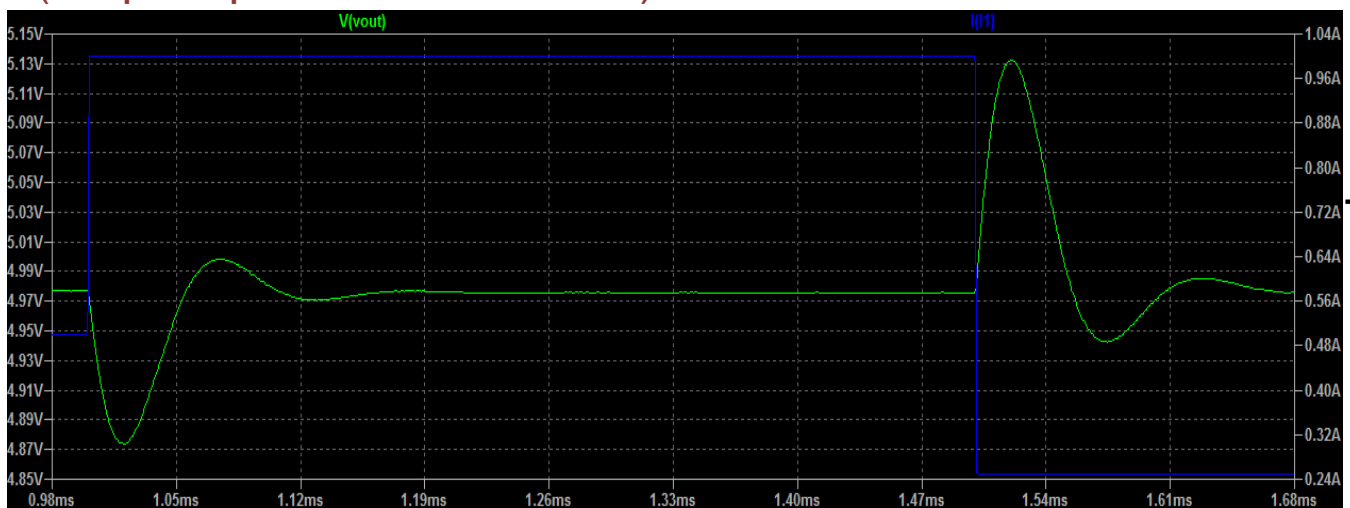
(V_{out} vs I_{load})



(Efficiency vs I_{load})



(Step response @ $V_{in} = 24\text{ V}$) 500mA – 1 A - 250 mA



Where the circuit could be used

Due to the low voltage range, there are some limitations in application. But for example: laptop USB power supplies.

- Possible future development

Improve the filtering in the control loop. Utilize burst mode of the LTC3646 to improve efficiency.