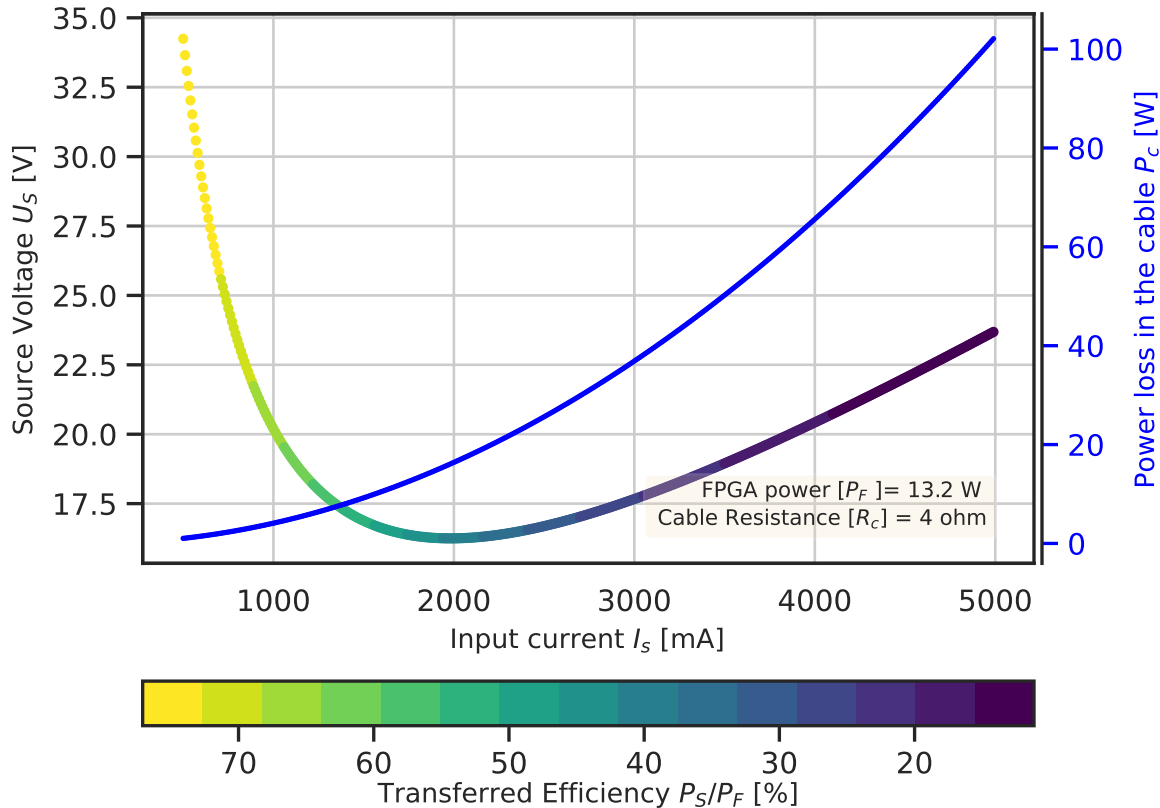
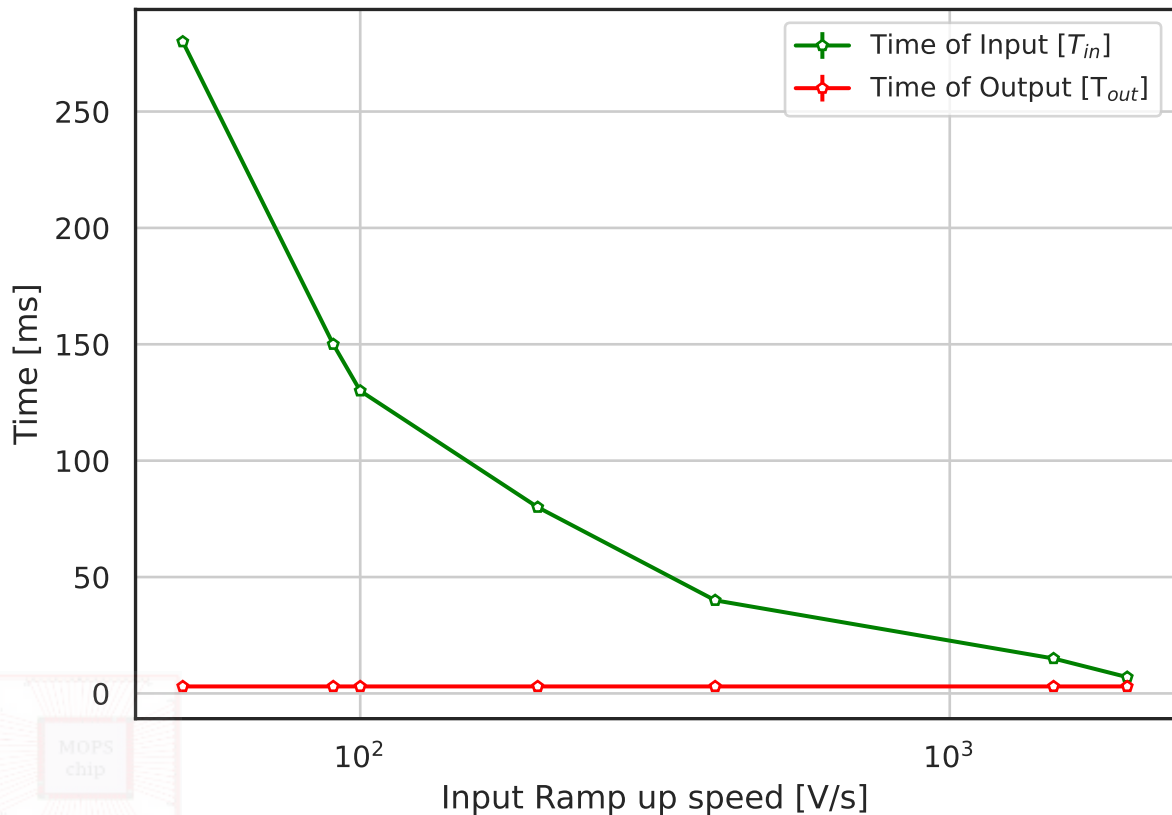


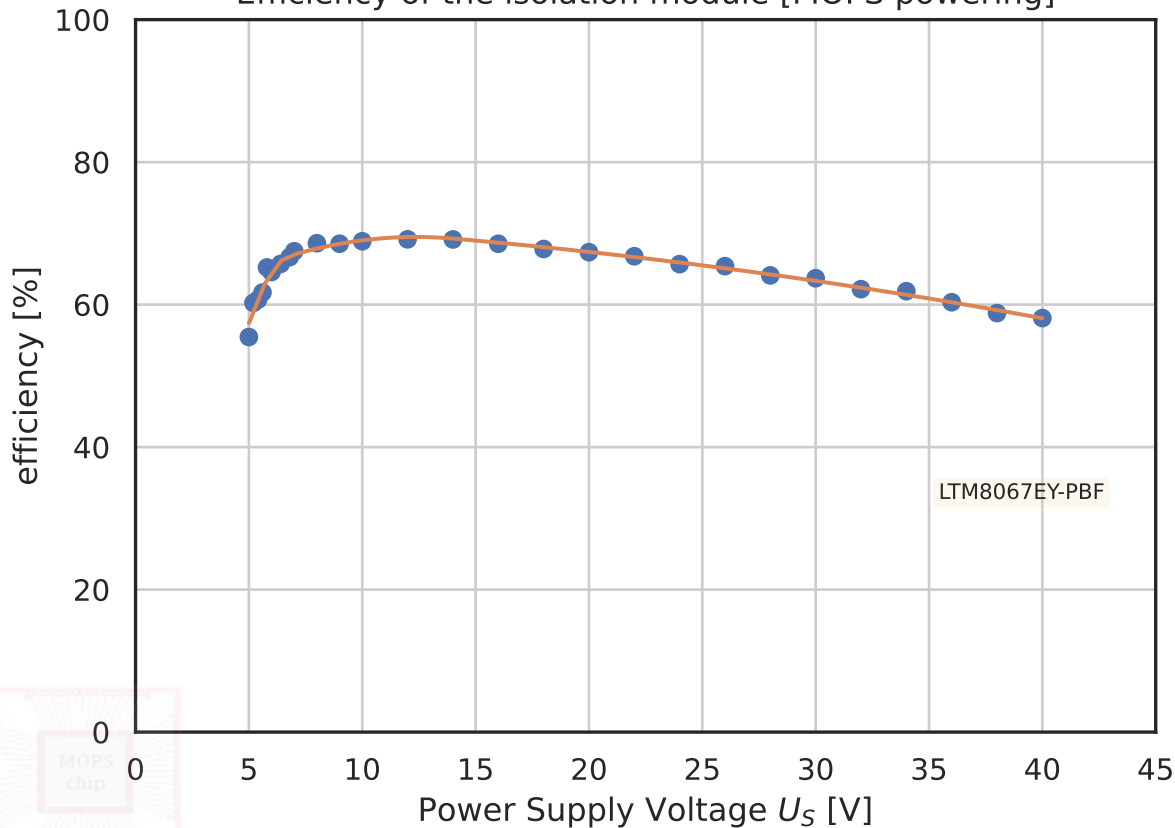
Supply Voltage needed [DC module efficiency is 82%]



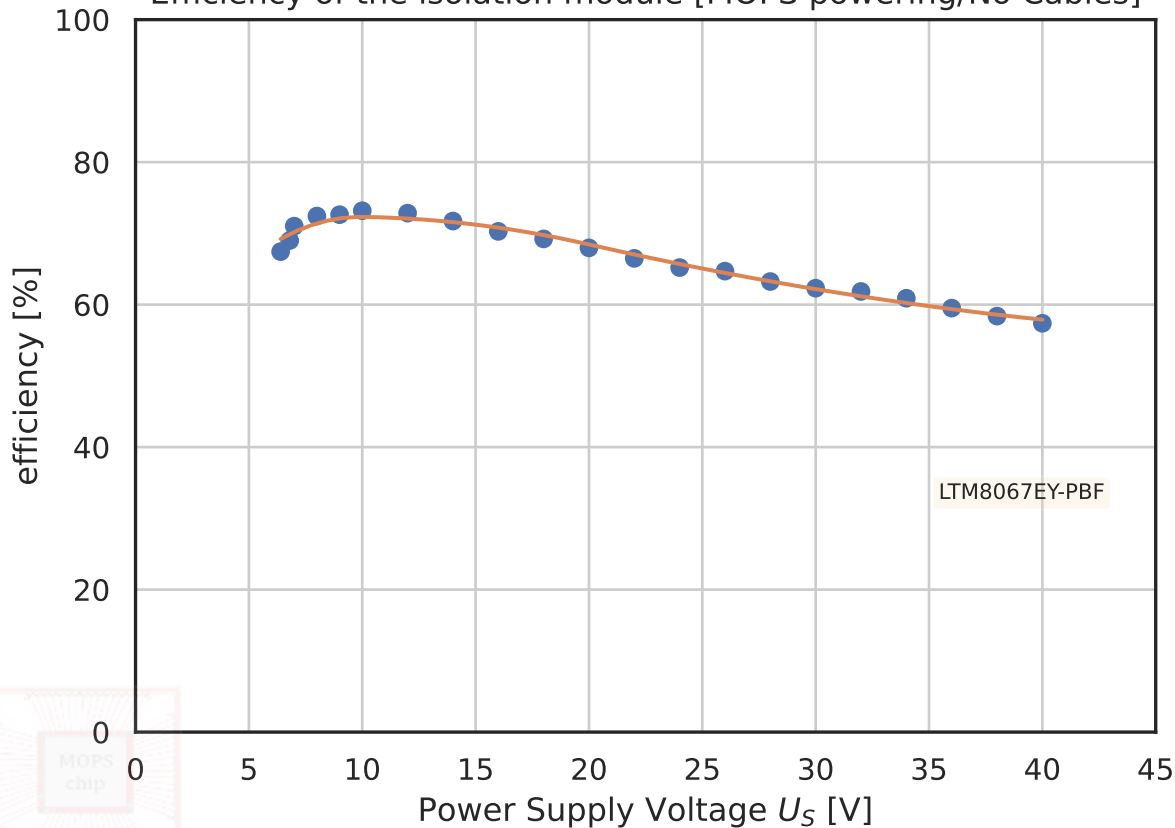
Time signals at different ramp-up speeds [LTM8067EY-PBF,  $V_{in} = \text{pup}$ ]



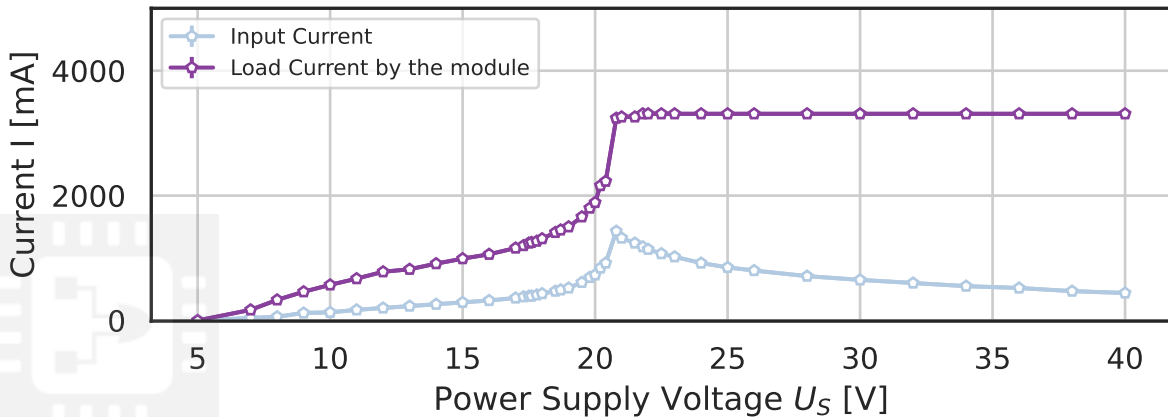
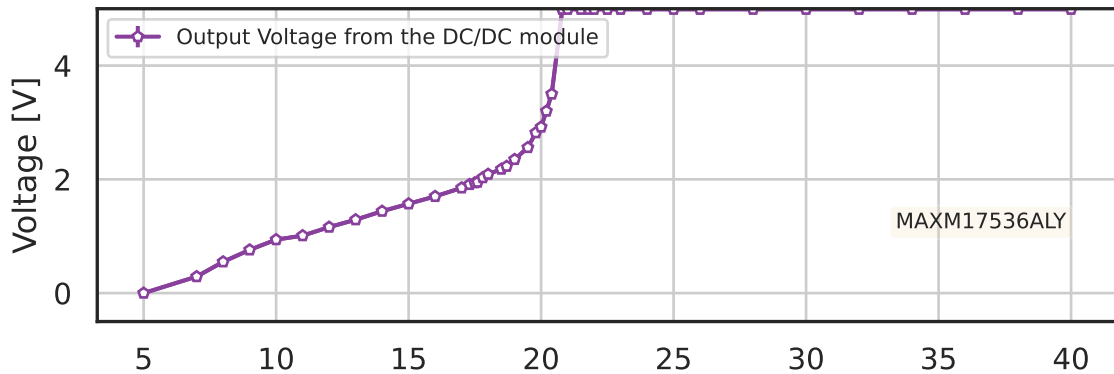
Efficiency of the isolation module [MOPS powering]



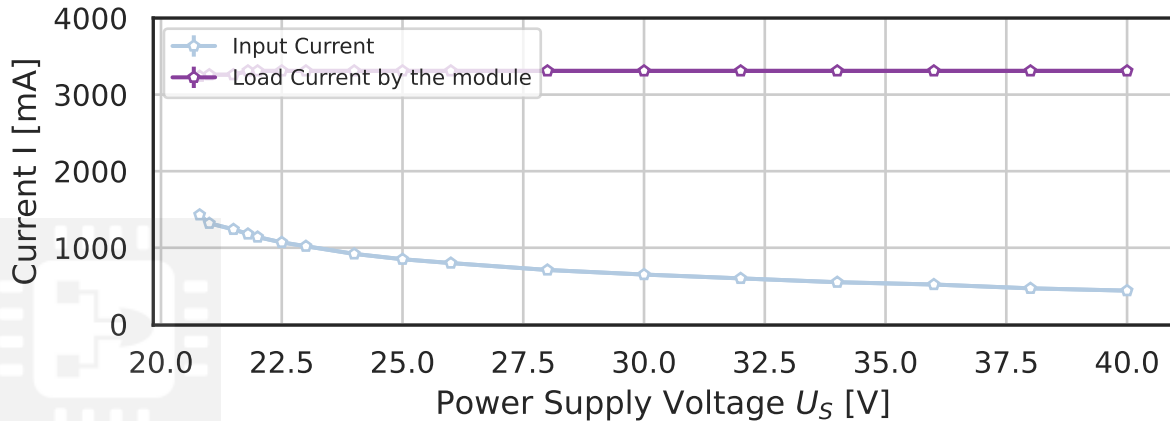
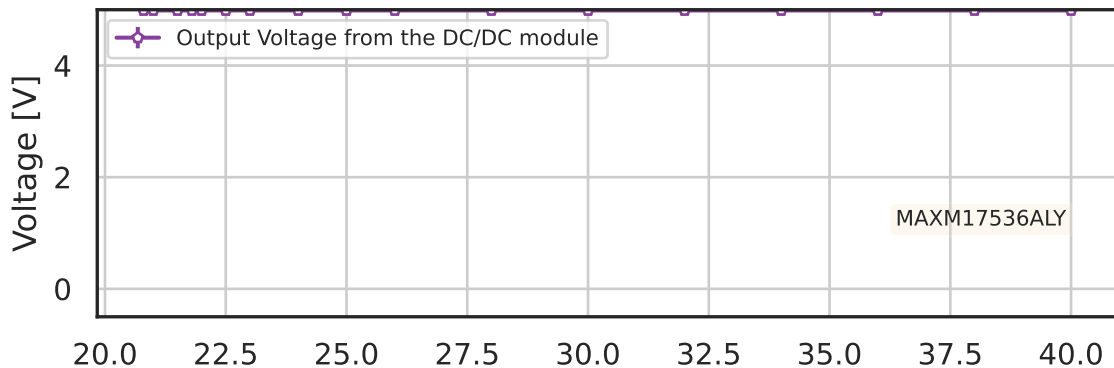
Efficiency of the isolation module [MOPS powering/No Cables]



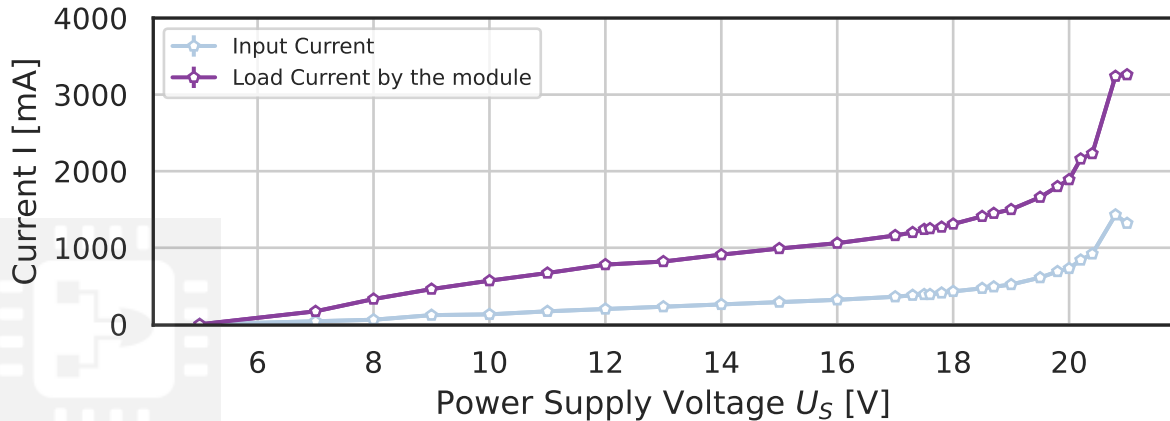
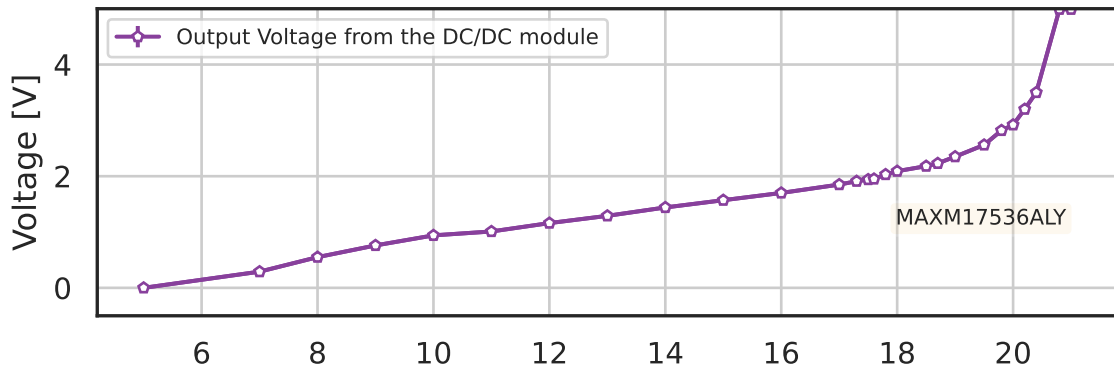
Testing results of the step down module [FPGA powering]



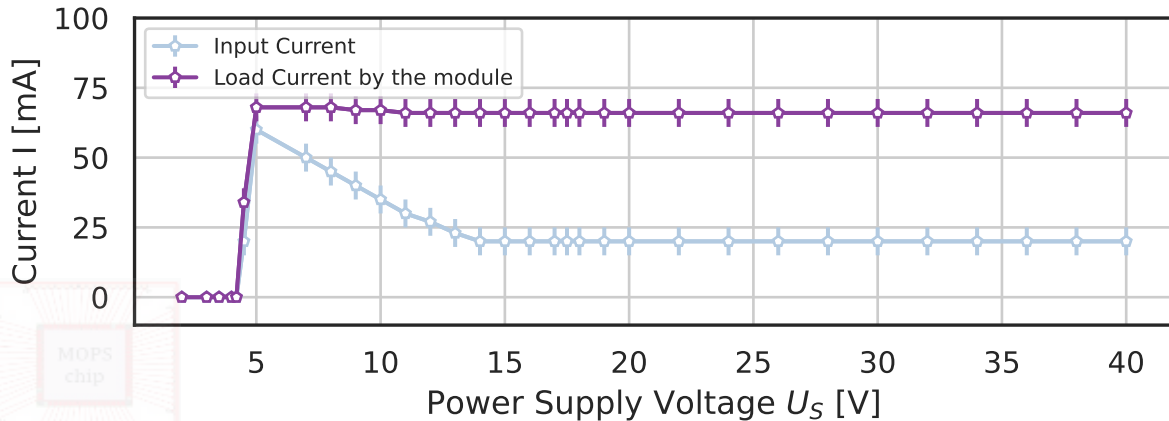
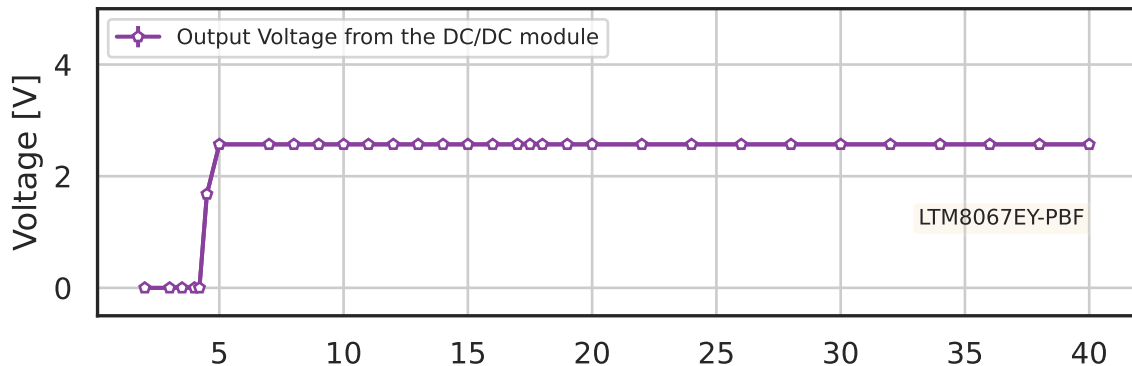
Testing results of the step down module [FPGA powering]



Testing results of the step down module [FPGA powering]



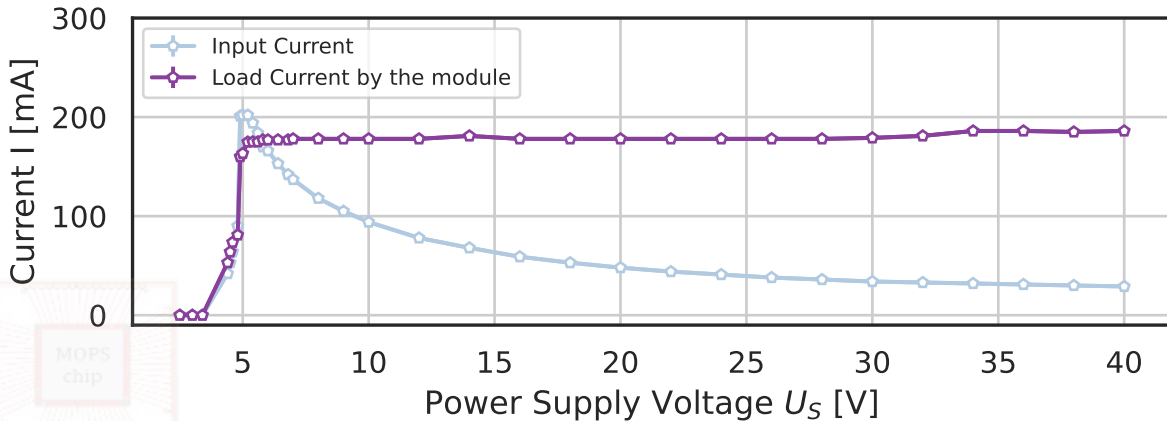
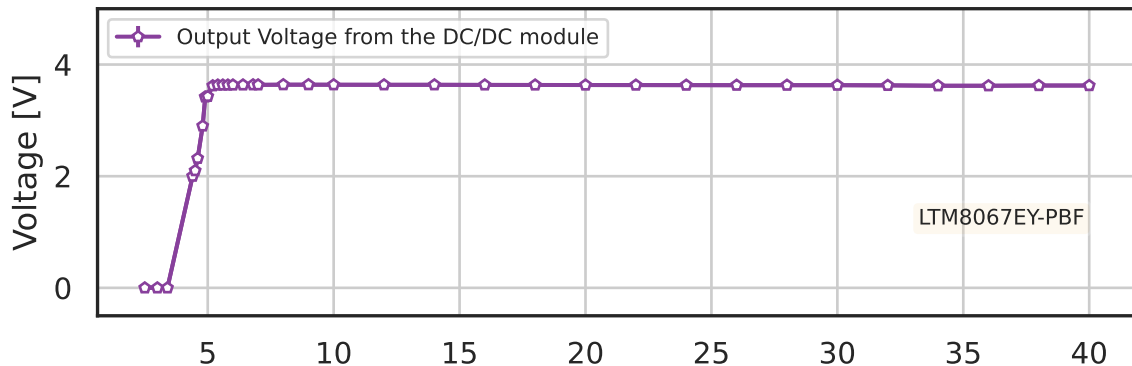
Testing results of the isolation module [MOPS powering]



MOPS  
chip

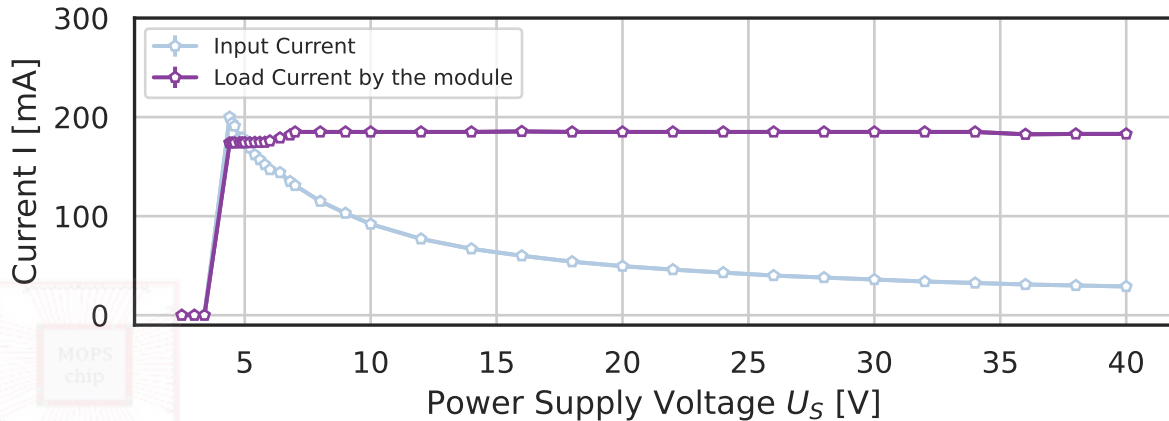
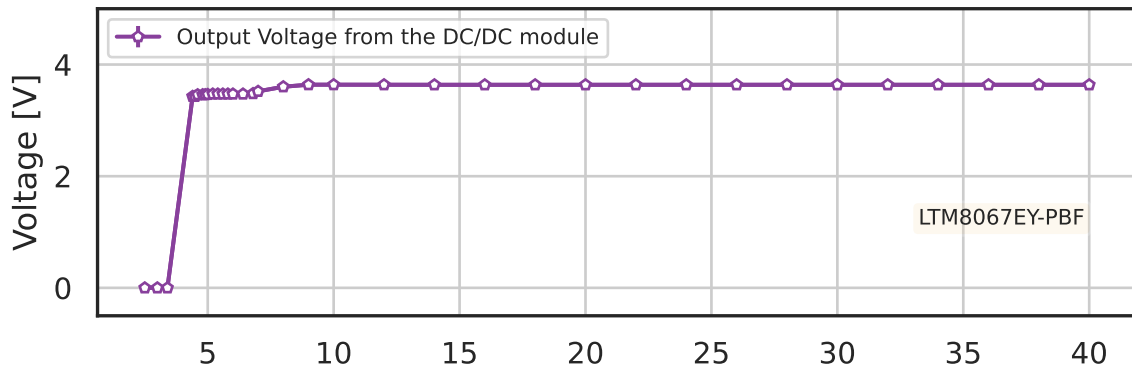


Testing results of the isolation module [MOPS powering]



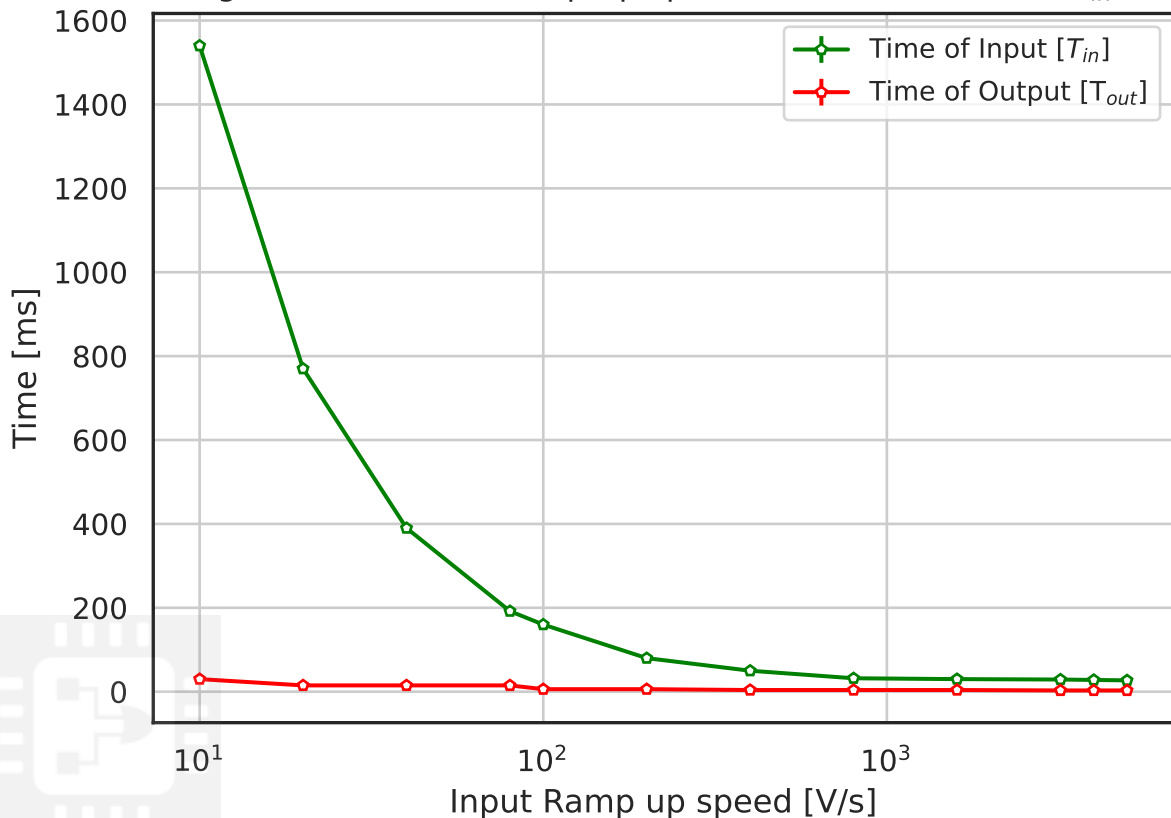
MOPS  
chip

Testing results of the isolation module [MOPS powering/No Cables]

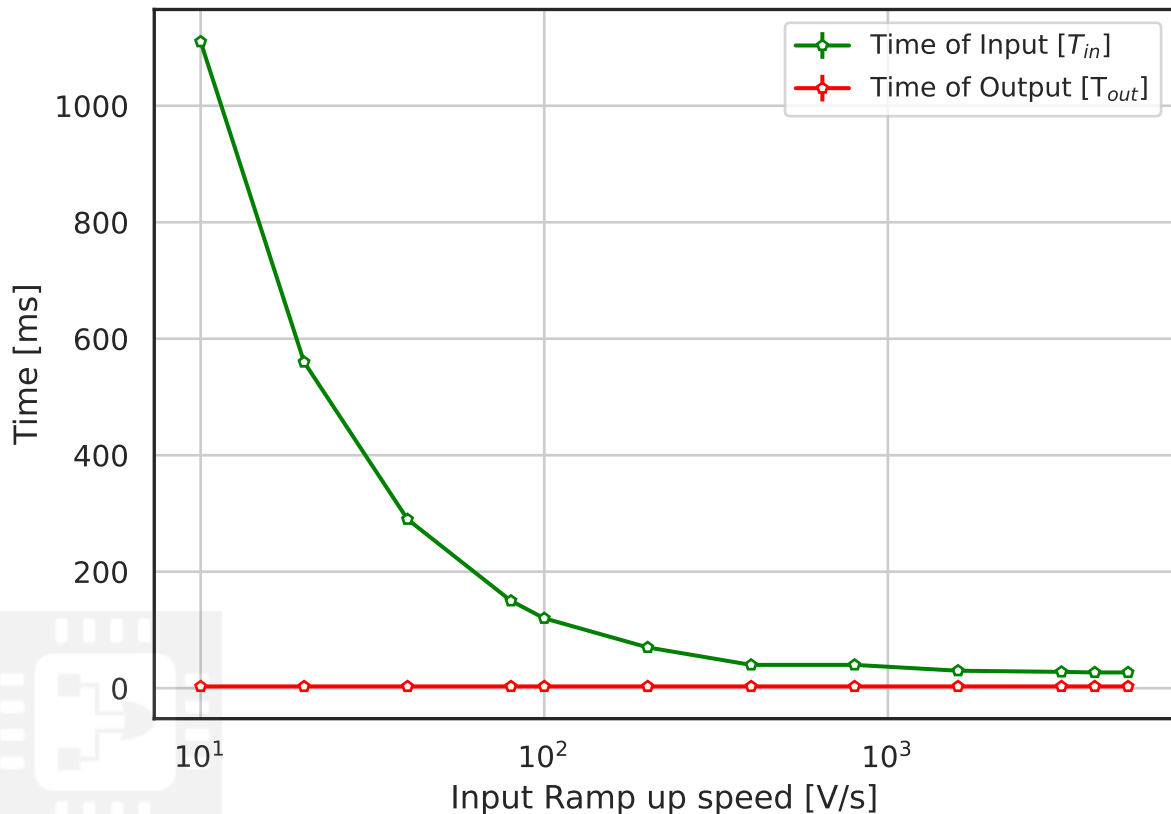


MOPS  
chip

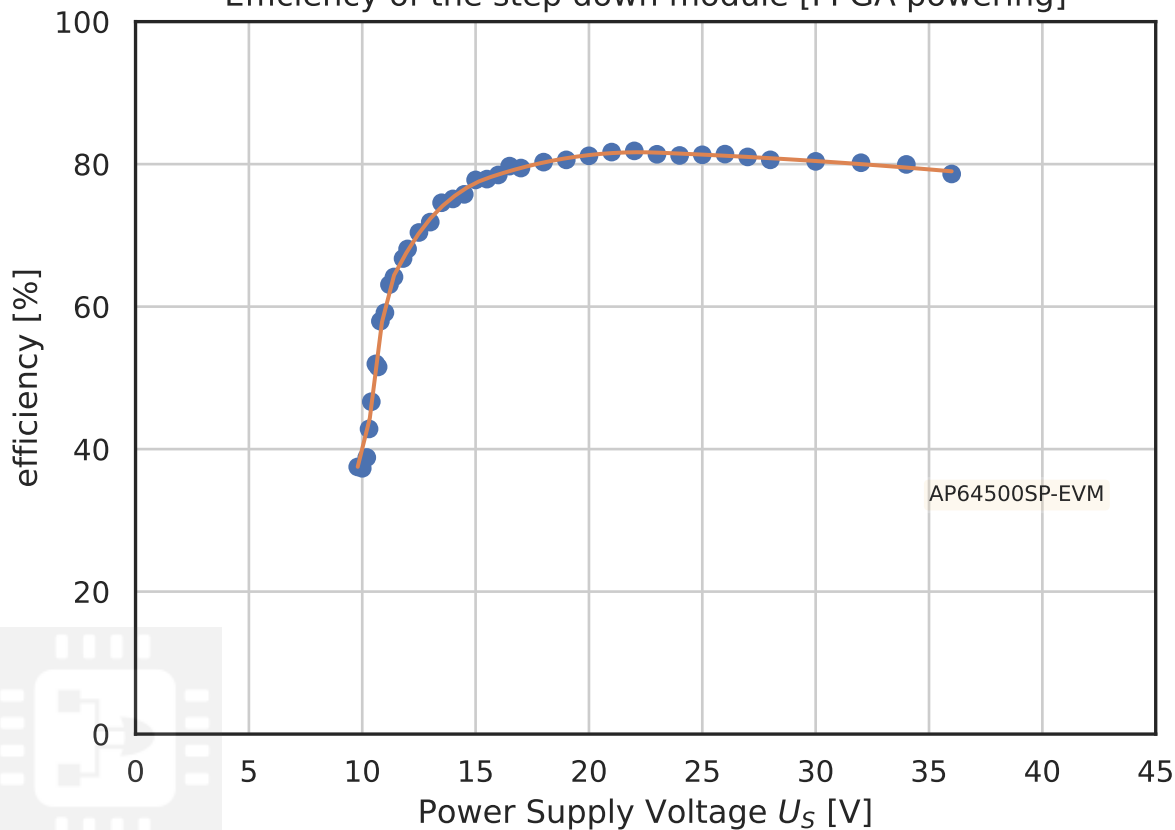
Time signals at different ramp-up speeds [AP64500SP-EVM,  $V_{in} = 20V$ ]



Time signals at different ramp-up speeds [AP64500SP-EVM,  $V_{in} = 15V$ ]

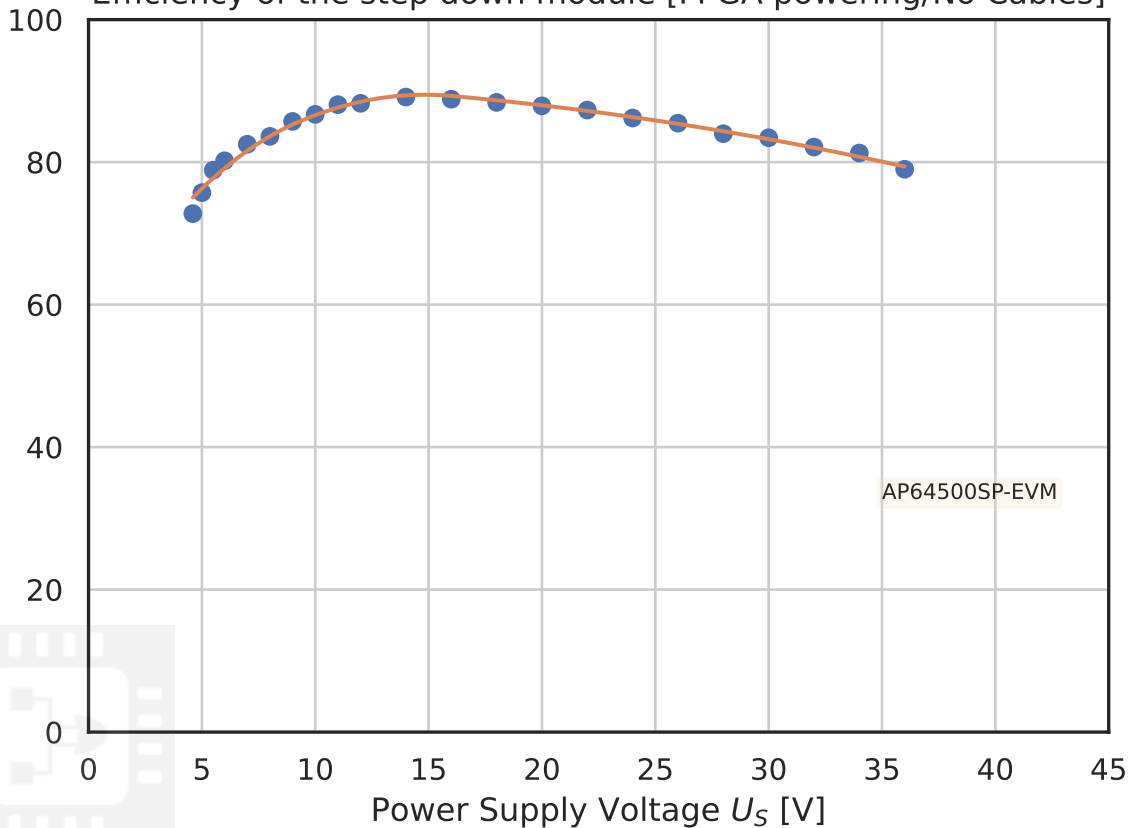


Efficiency of the step down module [FPGA powering]



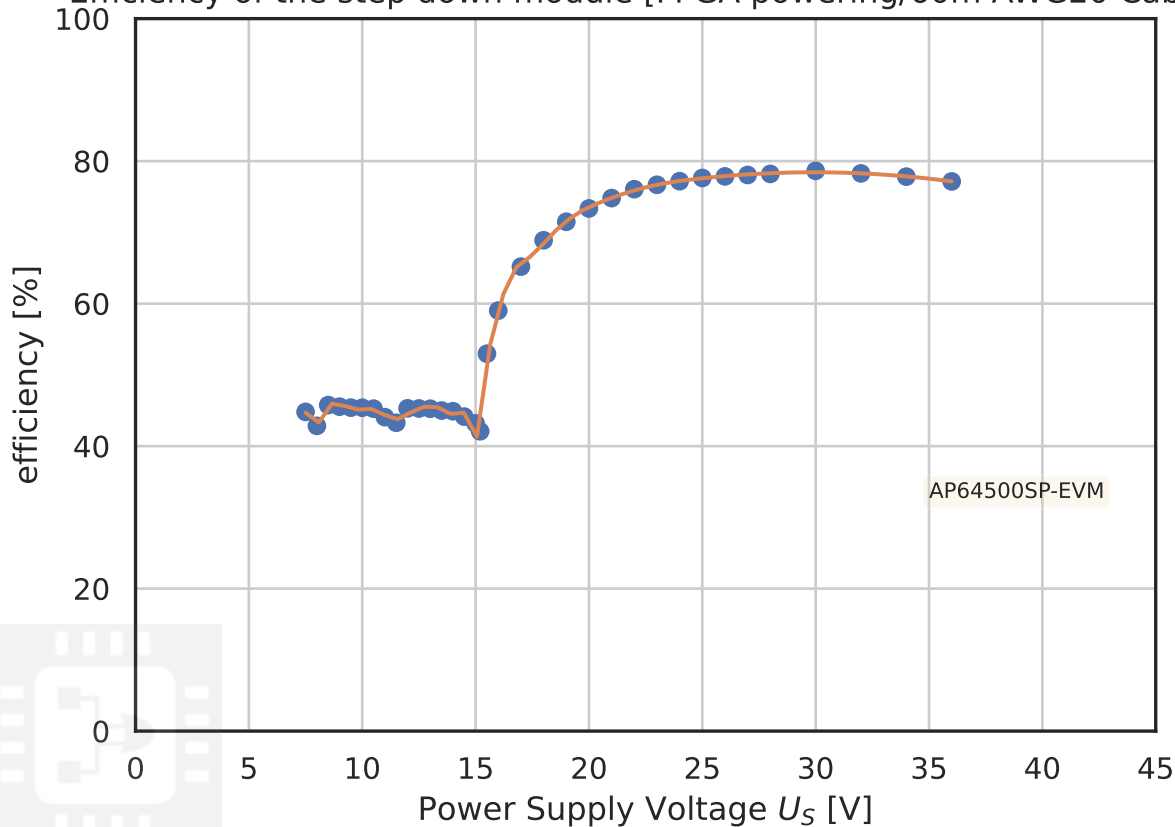
Efficiency of the step down module [FPGA powering/No Cables]

efficiency [%]



AP64500SP-EVM

Efficiency of the step down module [FPGA powering/60m AWG20 Cable



Testing results of the step down module [FPGA powering]

