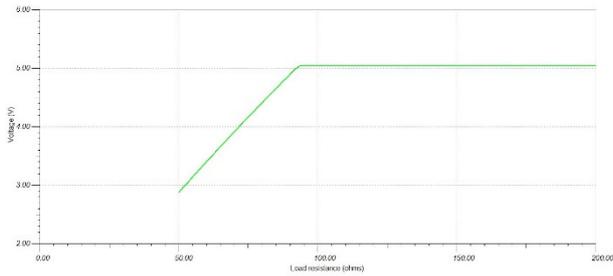
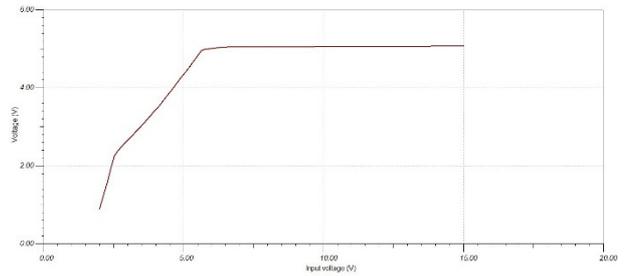


SHUNT regulator

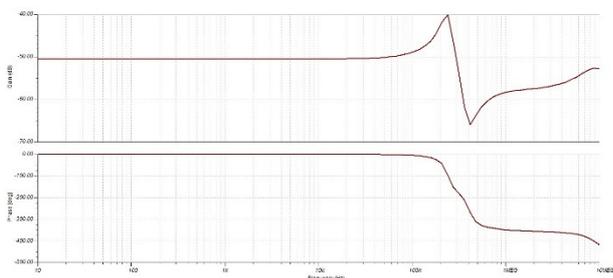
Simulated measurements (TINA 9-TI)



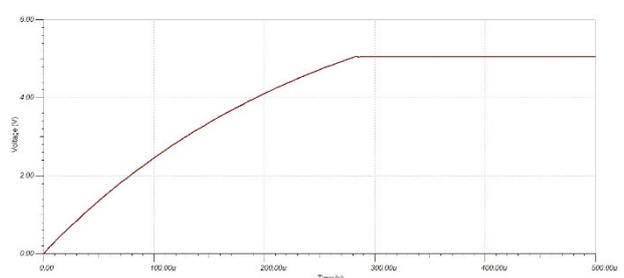
Max. loading
 $U_{OUT} - R_{terh}$



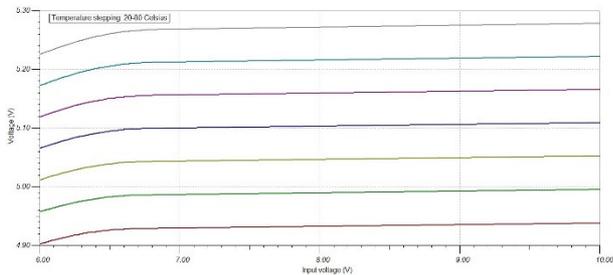
Regulation curve
 $U_{OUT} - U_{IN}$



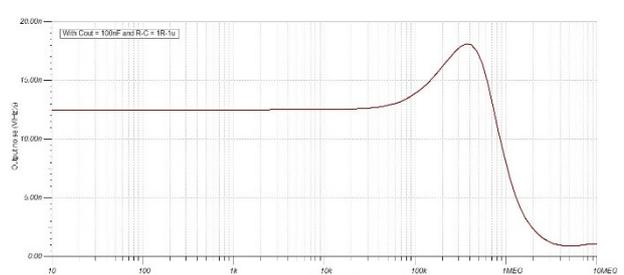
Transfer characteristic
 $A_{[dB, \phi]} - f_{[Hz]}$



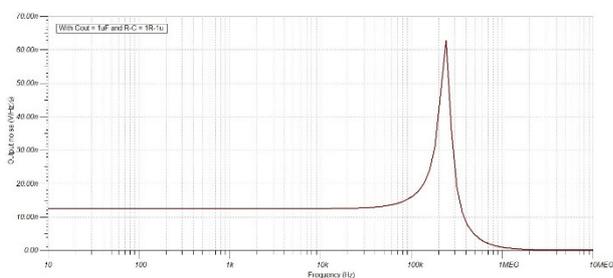
Power-on transient
 $U_{OUT} - t_{[\mu s]}$



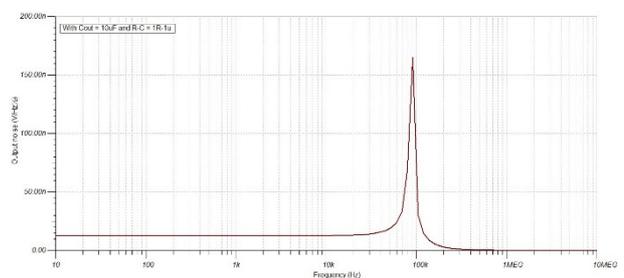
Temperature sensitivity
 $U_{OUT} - T_{amb}$



Noise (with 100nF OUT capacitor)
 $U_{noise-OUT} - f_{[Hz]}$



Noise (with 1µF OUT capacitor)
 $U_{noise-OUT} - f_{[Hz]}$



Noise (with 10µF OUT capacitor)
 $U_{noise-OUT} - f_{[Hz]}$

RC used at the output: 1R-1µF