

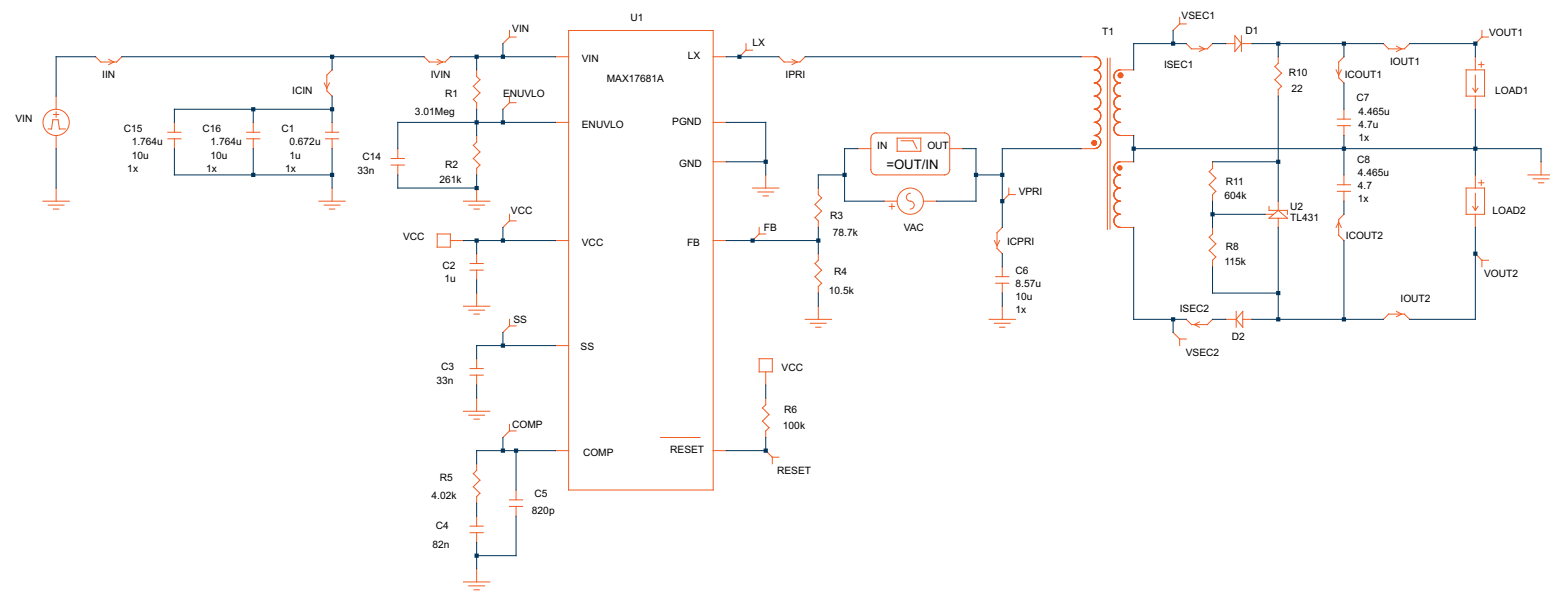
MAXREFDES1166 MAX17681A

EE-Sim® OASIS Schematic Documentation

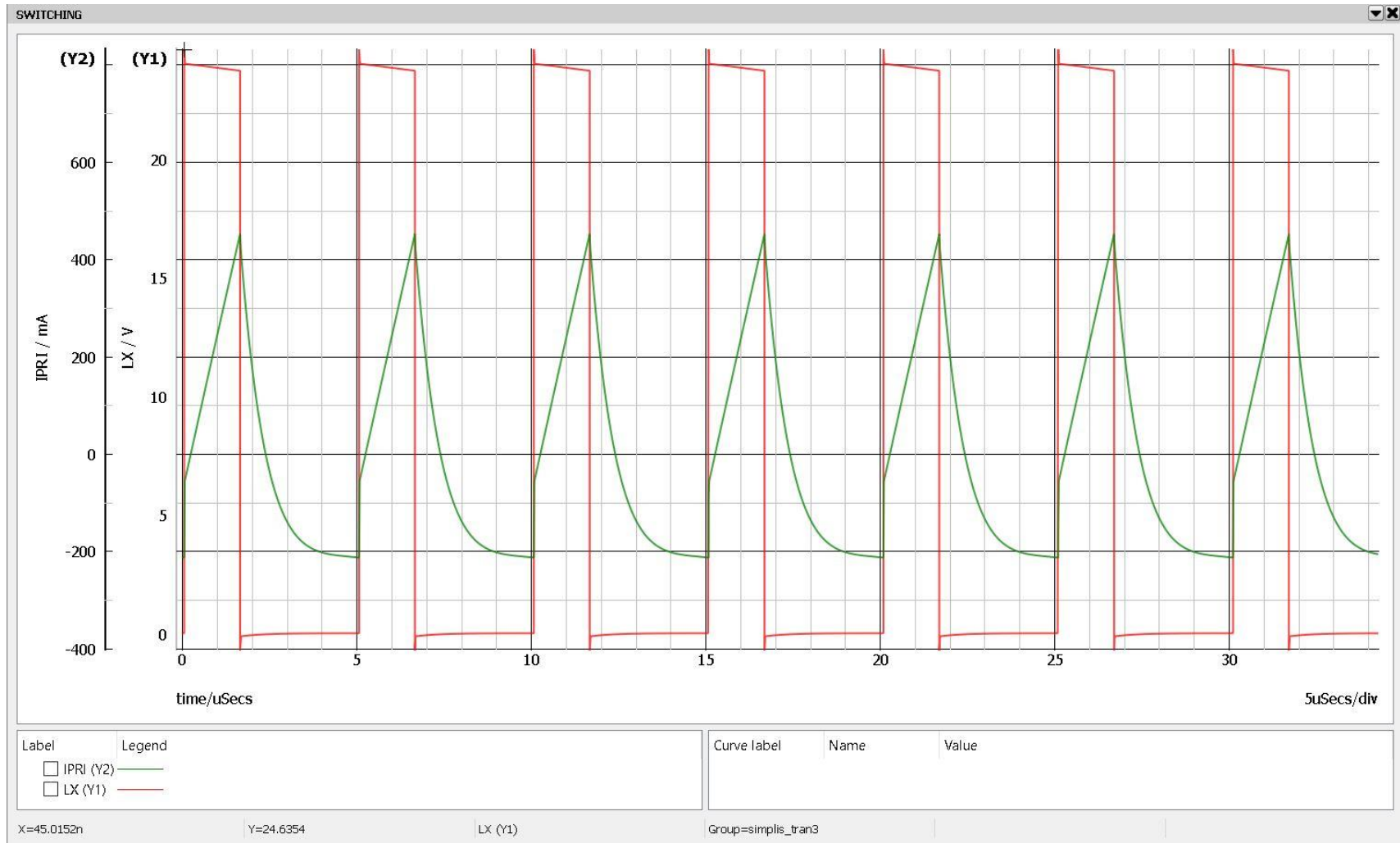
Design Requirements and Configuration

Primary Specifications	Values	Comments
Part Number:	MAX17681A	
Schematic Name:	MAXREFDES1166	
Mode:	FPWM	
Default Simulation:	POP & AC Loop, Load Step	
Design Requirements:		
Vin(Max):	36V	
Vin(Nom):	24V	
Vin(Min):	17V	
Switching Frequency:	200kHz	
Vout1:	7V	
Iout1:	0.1A	
Vout2:	-7V	
Iout2:	0.1A	
Other Key Specs		

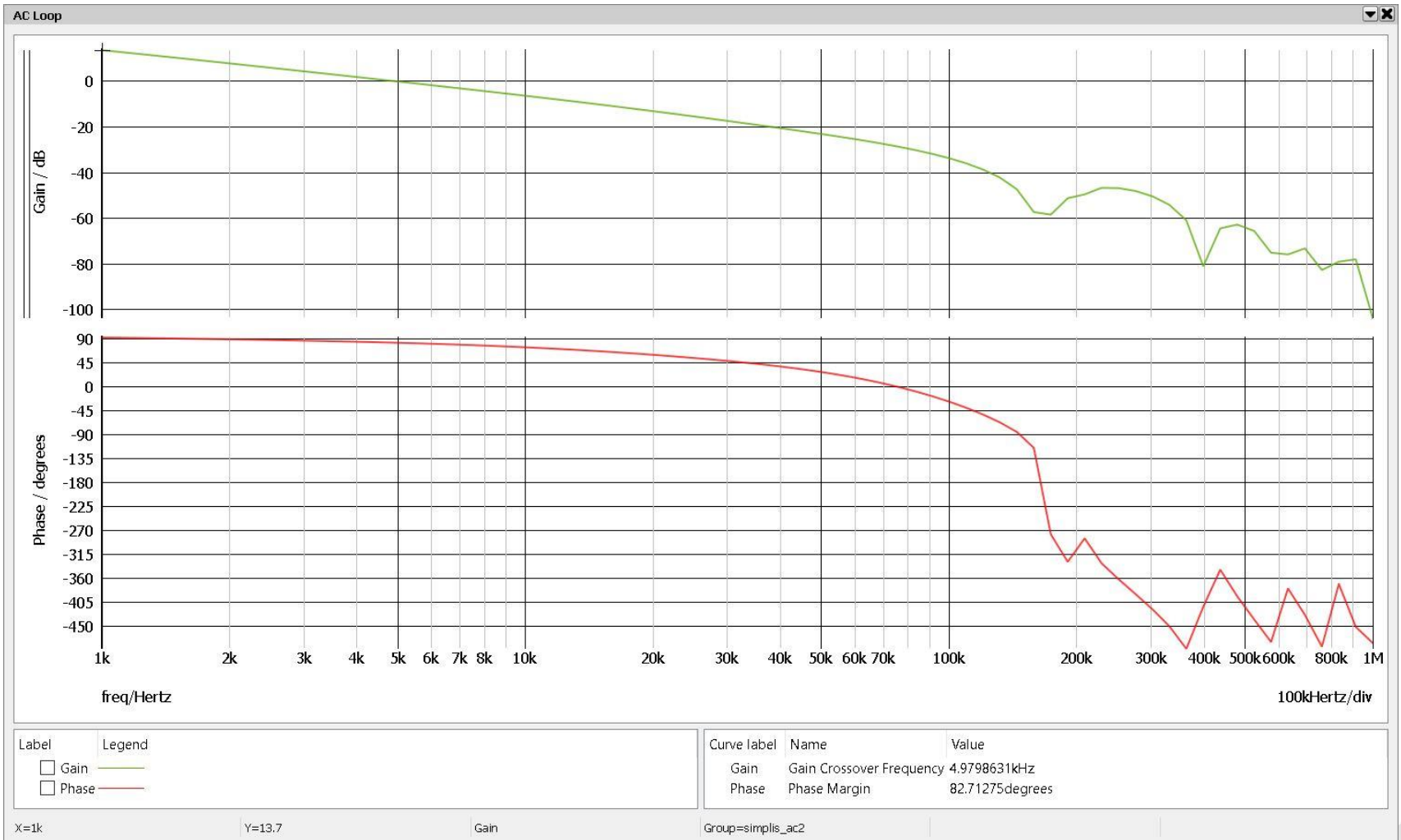
Schematic



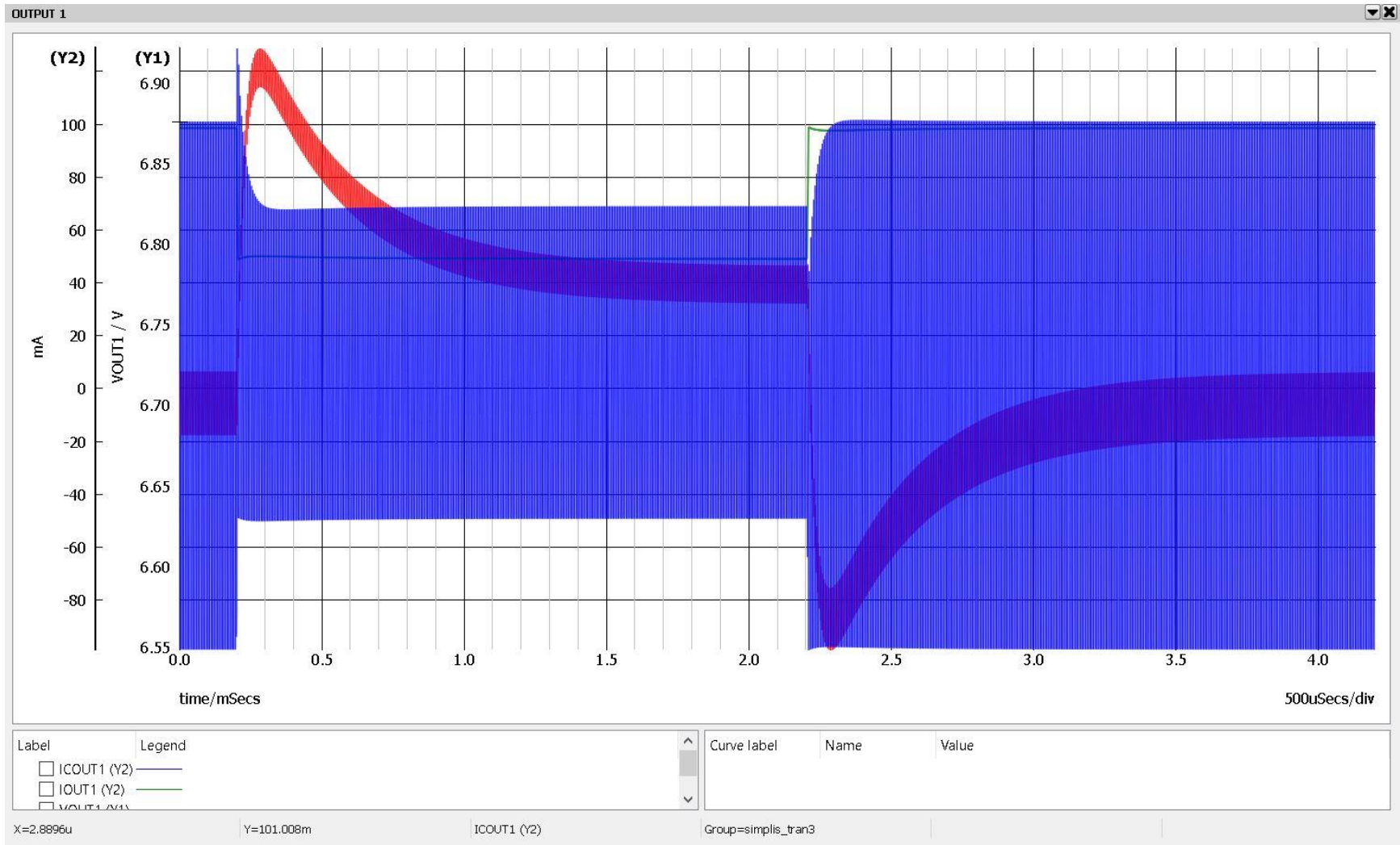
Switching Waveforms



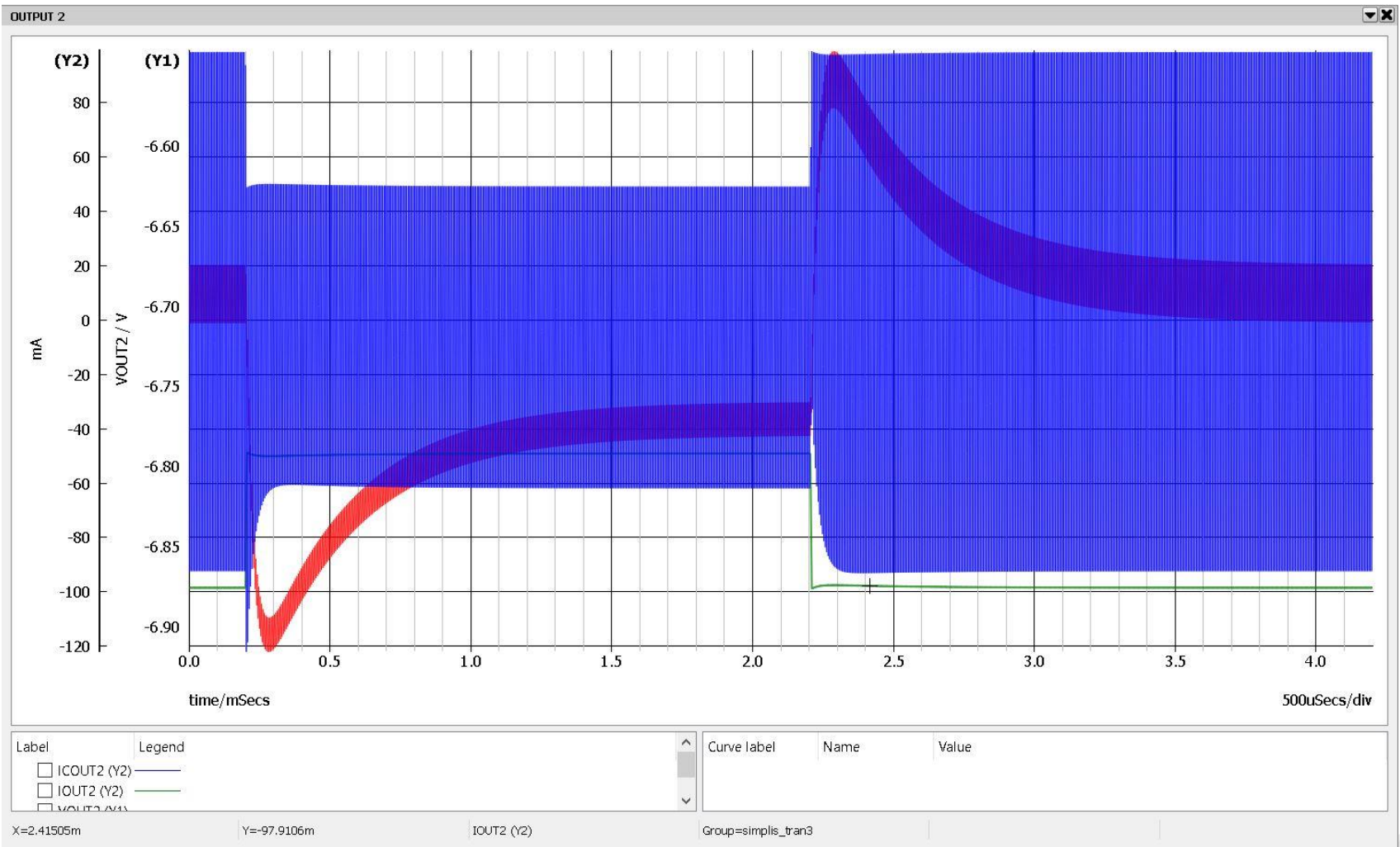
Bode Plot



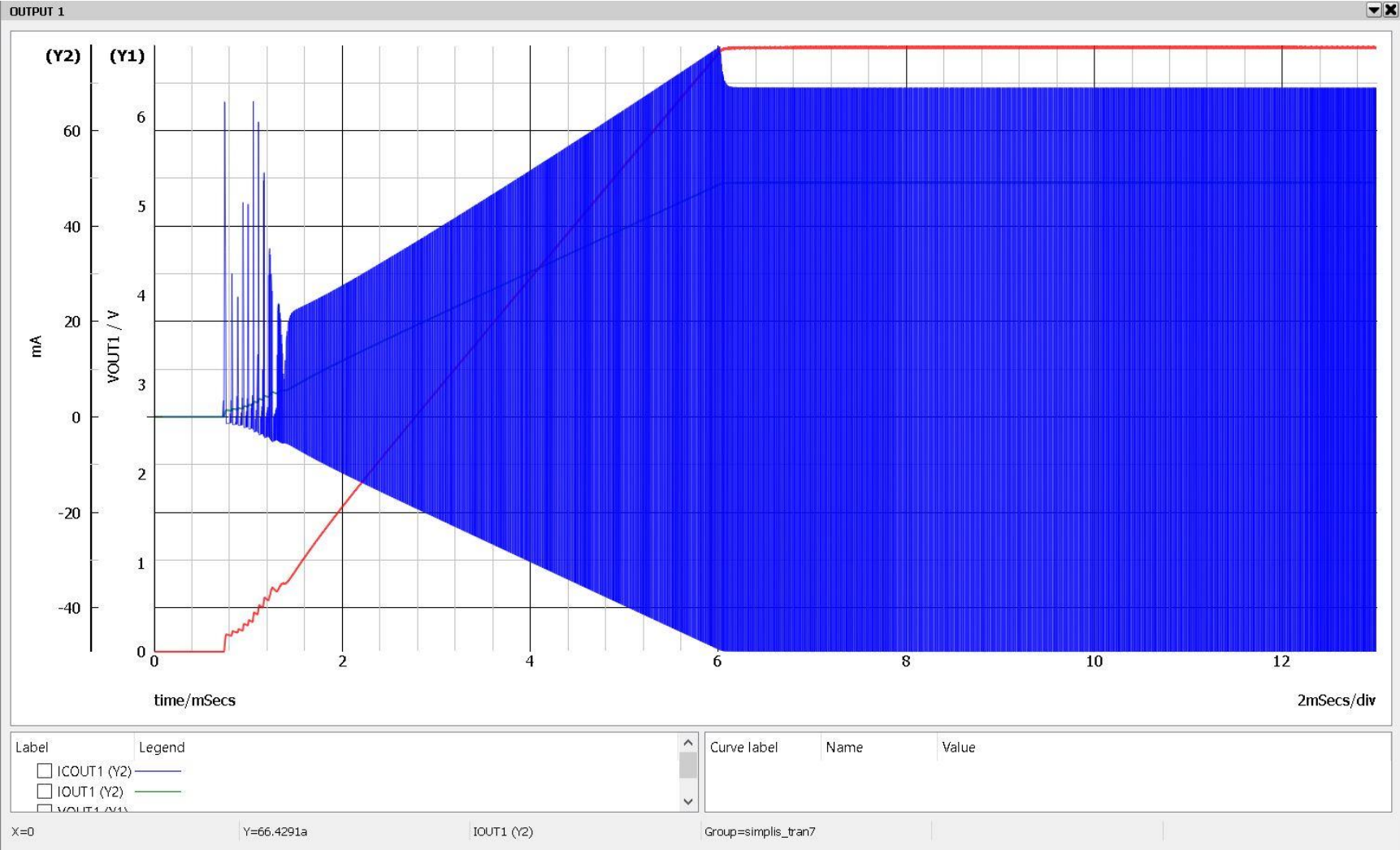
Load Step Transient Response



Load Step Transient Response



Startup



Startup

