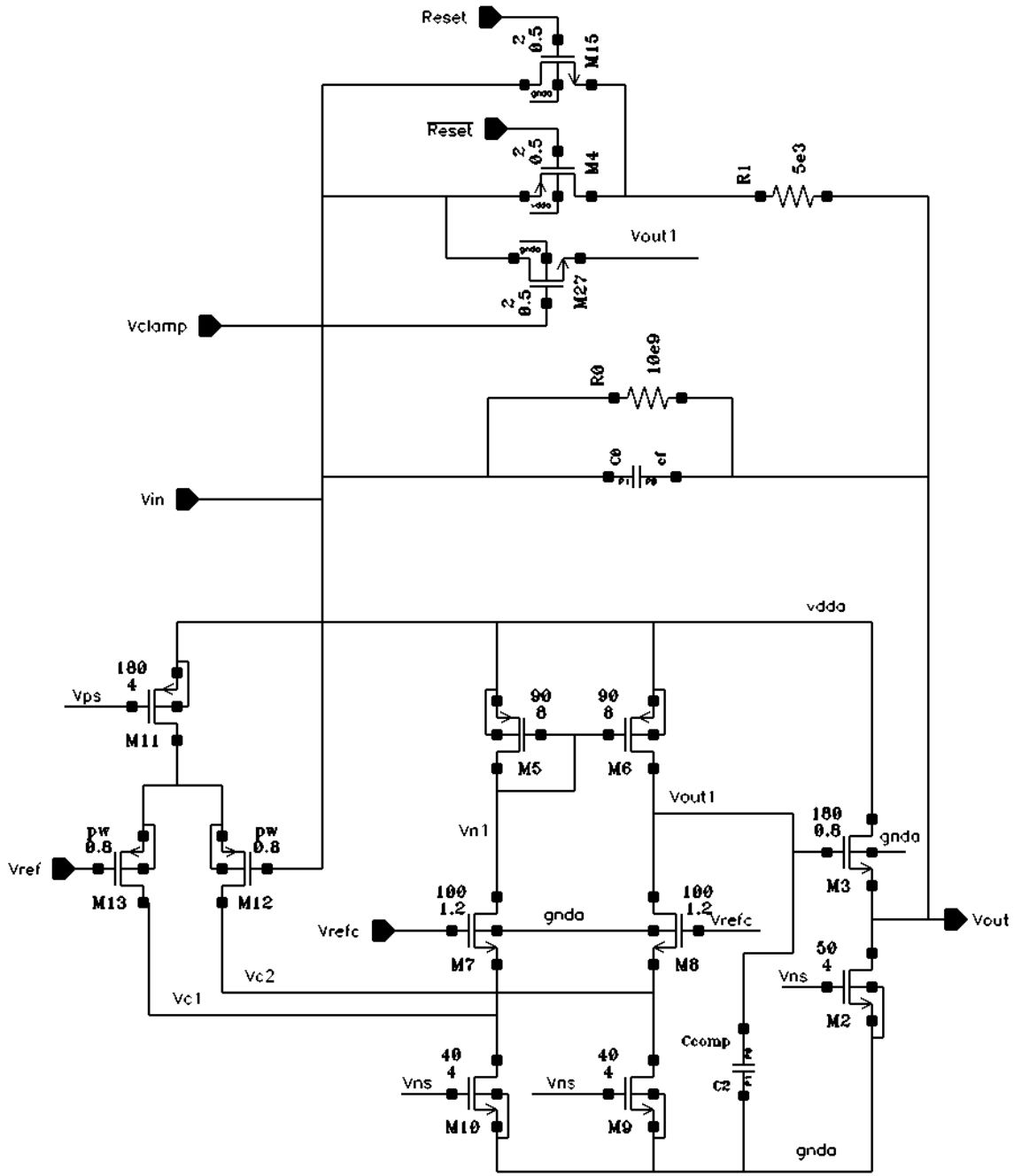
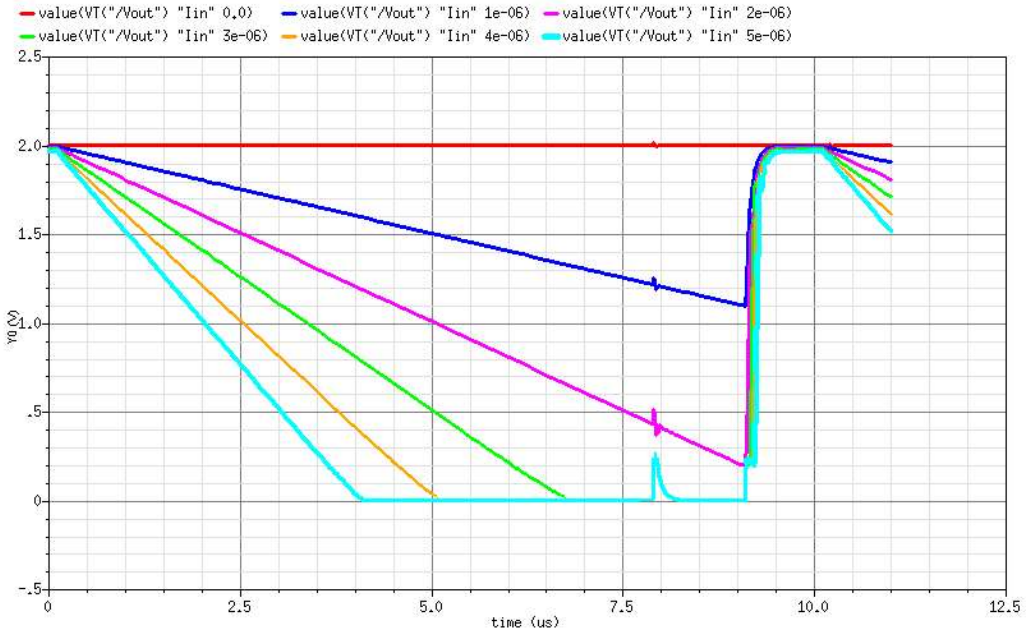
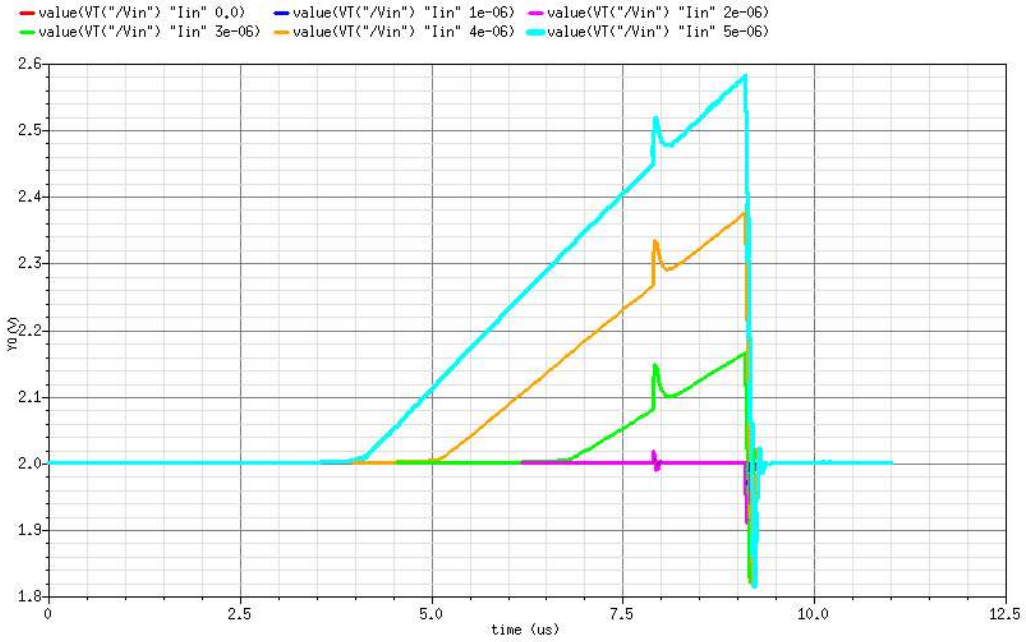

Reset
2
0.5
M15
Reset
2
0.5
M4
R1
5e3
Vout1
2
0.5
M27
Vclamp
R0
10e9
C0
cf
Vin
vdda
180
4
Vps
M11
90
8
90
8
M5
M6
Vout1
180
0.8
gnda
M3
Vout
pw
0.8
pw
0.8
Vref
M13
M12
Vn1
100
1.2
100
1.2
Vrefc
gnda
Vrefc
M7
M8
50
4
Vns
M2
Vc2
Vc1
Ccomp
C2
40
4
Vns
40
4
Vns
M10
M9
gnda



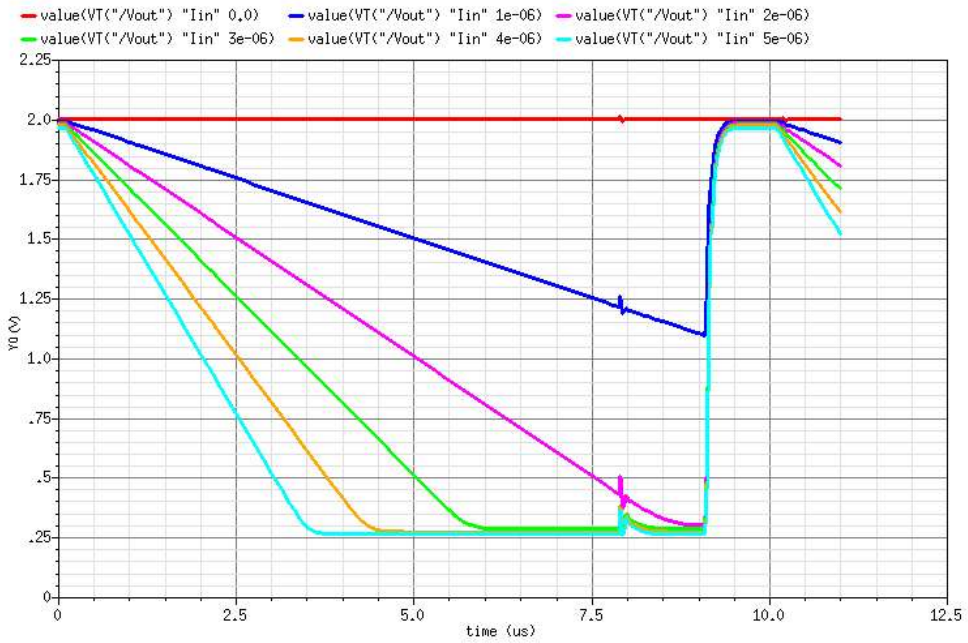


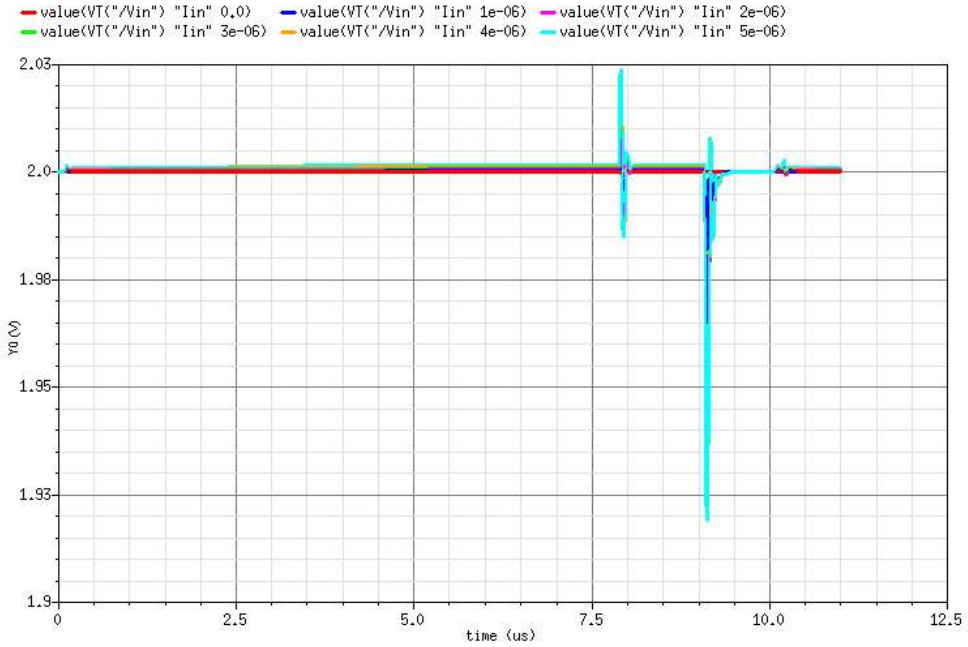
Constant current input:

Full-scale 1µA for 10µs

0 to 5µA by 1µA steps

Clamp disabled



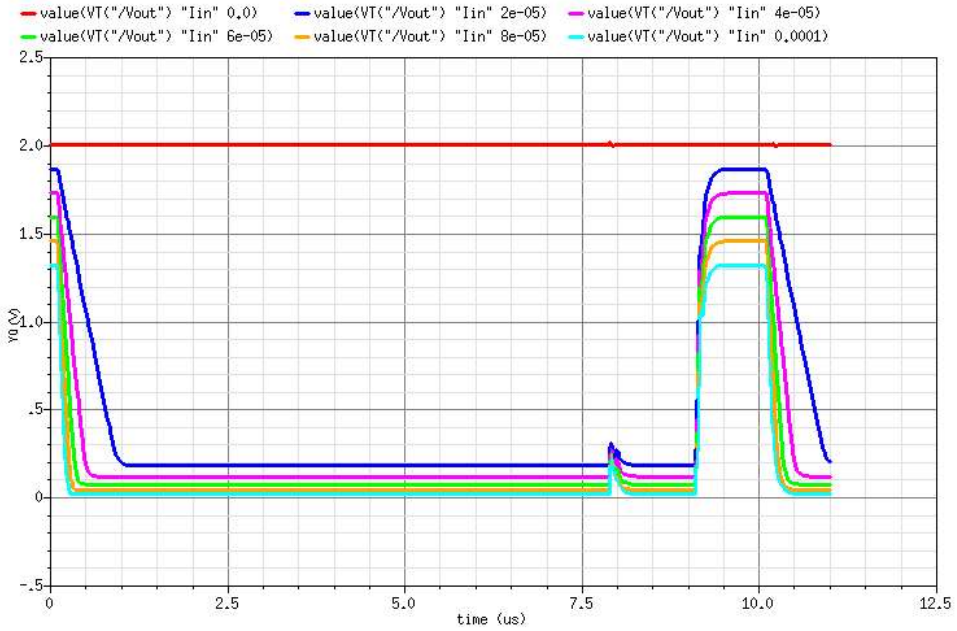


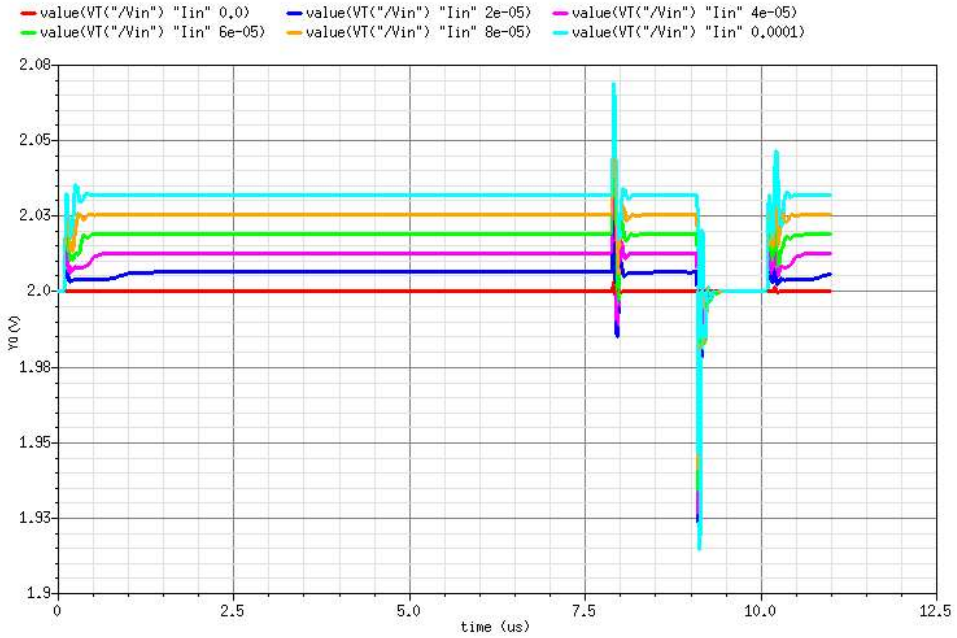
Constant current input:

Full-scale 1µA for 10µs

0 to 5µA by 1µA steps

Clamp enabled



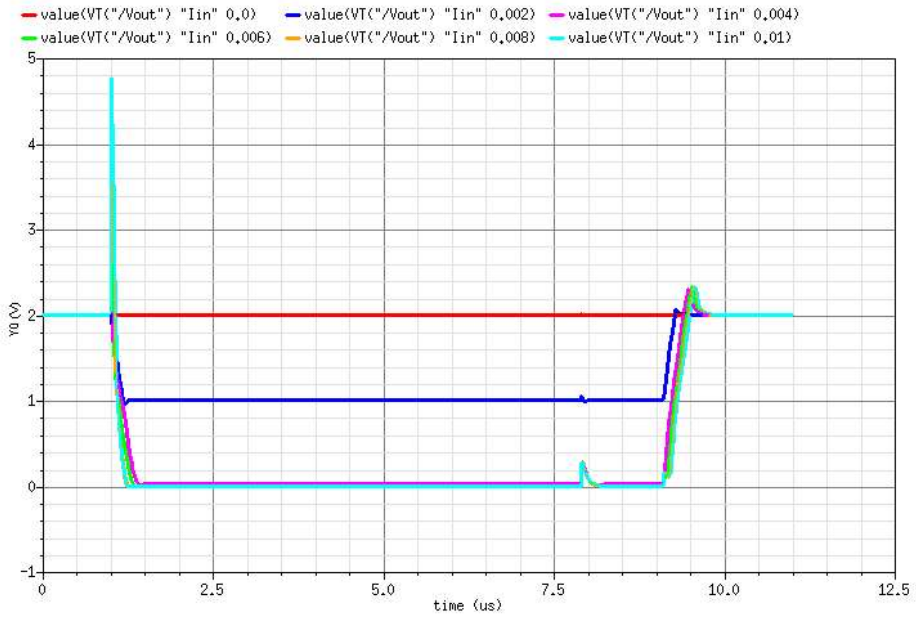


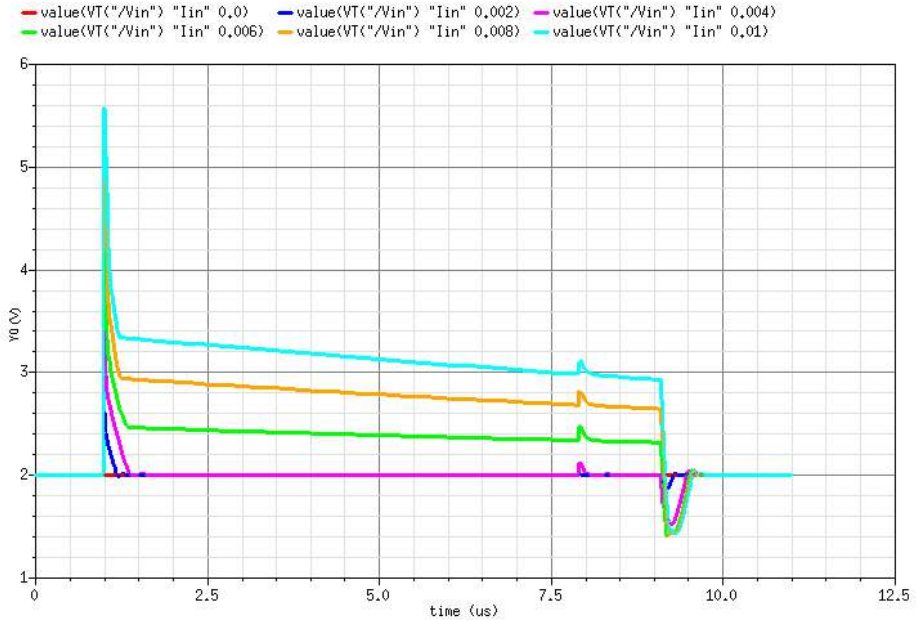
Constant current input:

Full-scale 1µA for 10µs

0 to 100µA by 20µA steps

Clamp enabled



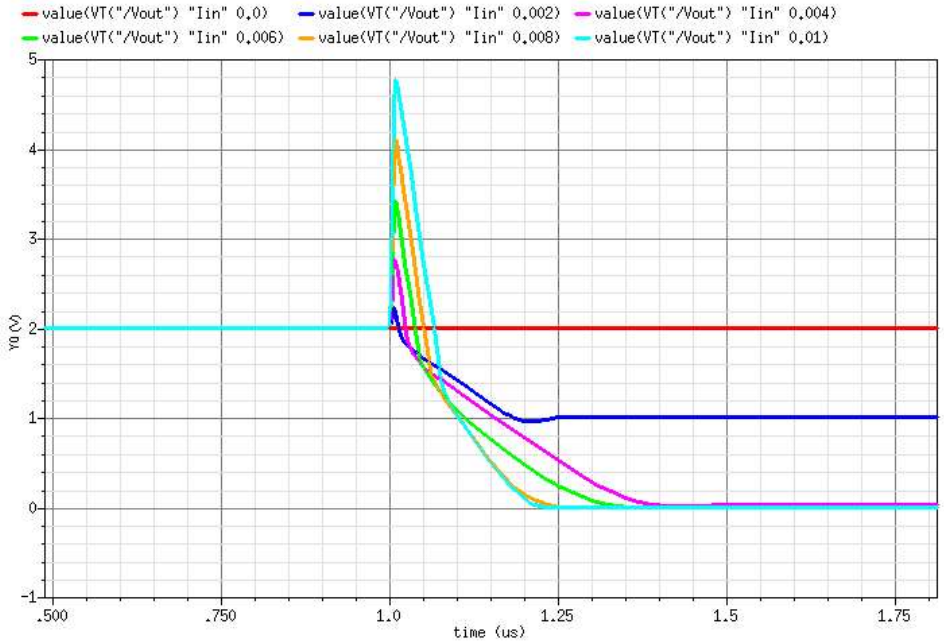


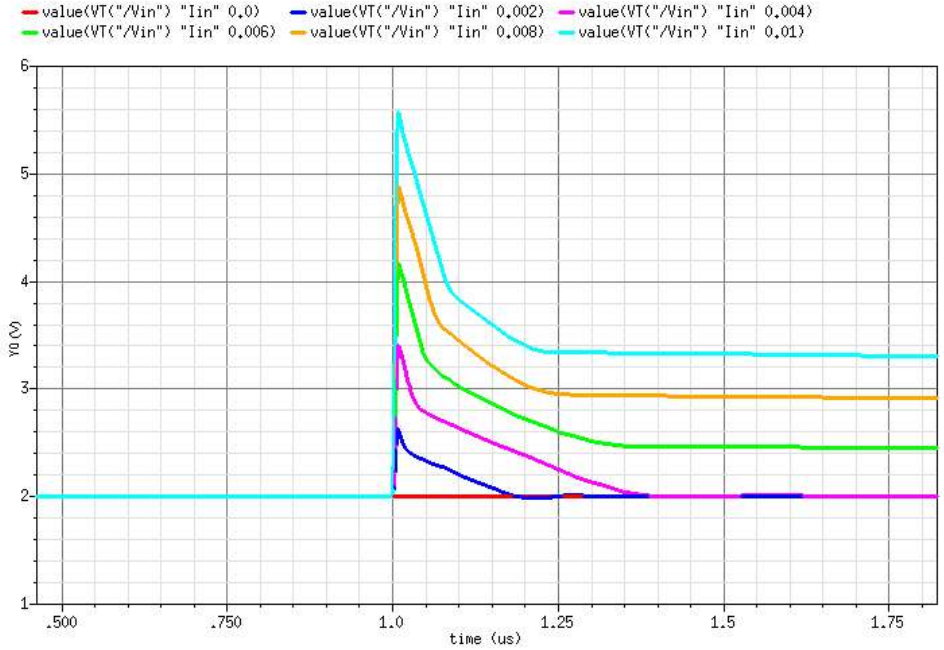
Pulse input:

Full-scale 2mA for 5ns

0 to 10mA by 2mA steps

Clamp disabled



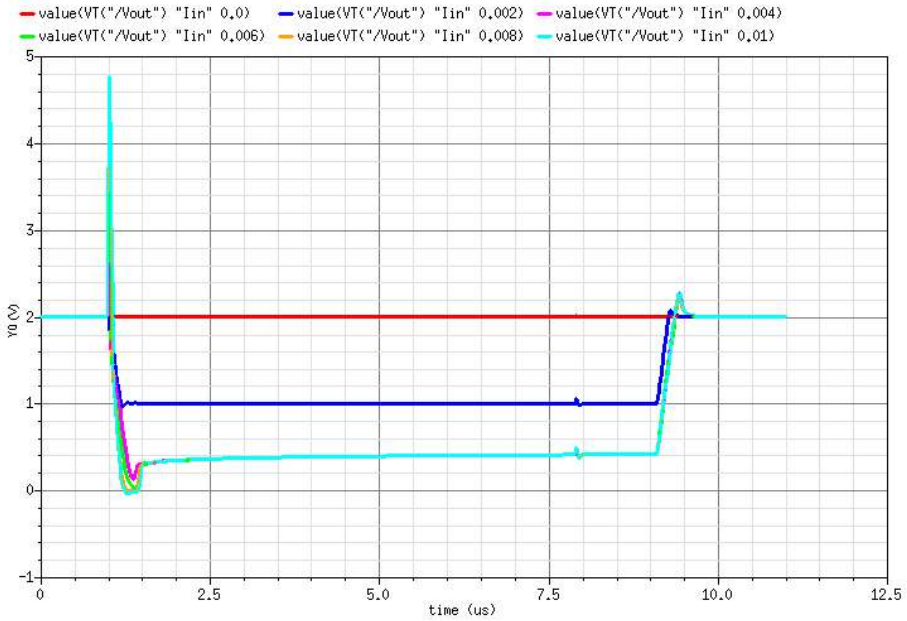


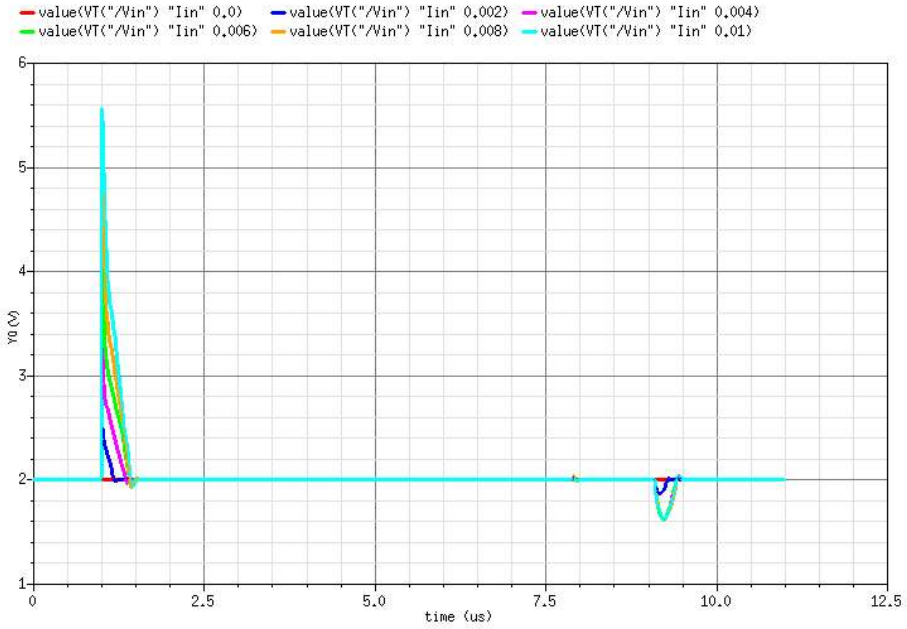
Pulse input:

Full-scale 2mA for 5ns

0 to 10mA by 2mA steps

Clamp disabled



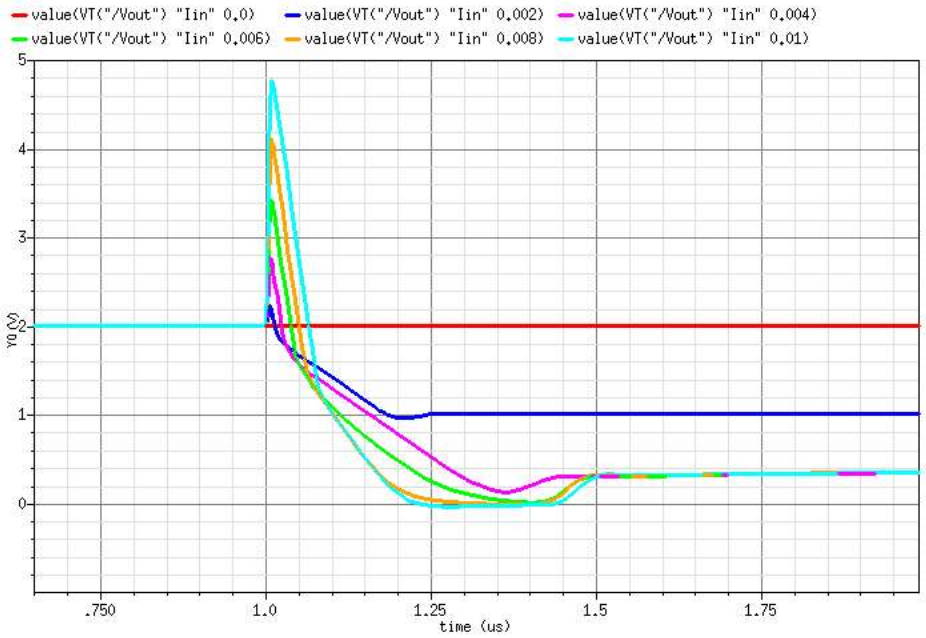


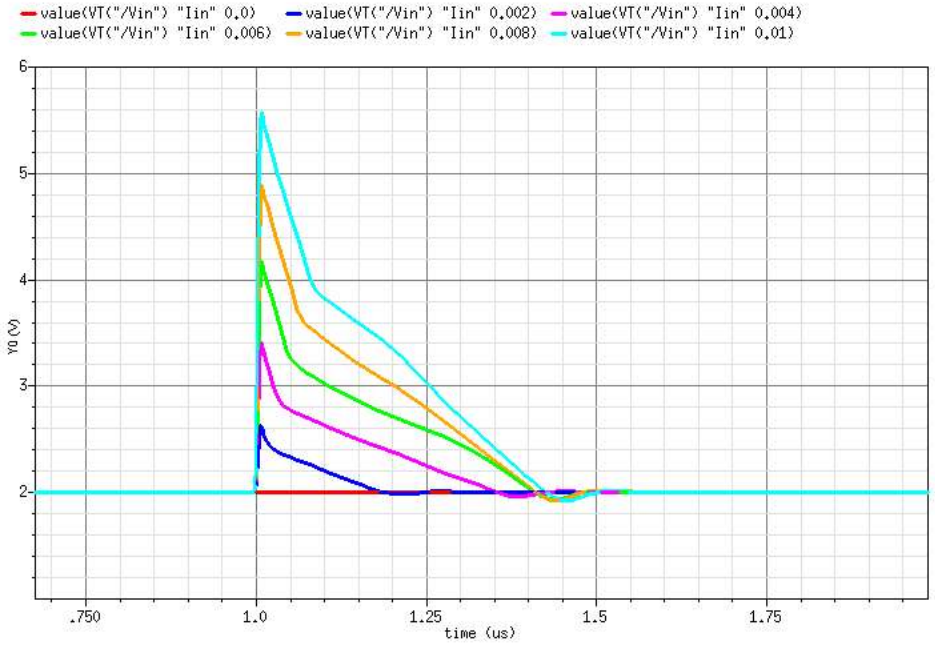
Pulse input:

Full-scale 2mA for 5ns

0 to 10mA by 2mA steps

Clamp enabled



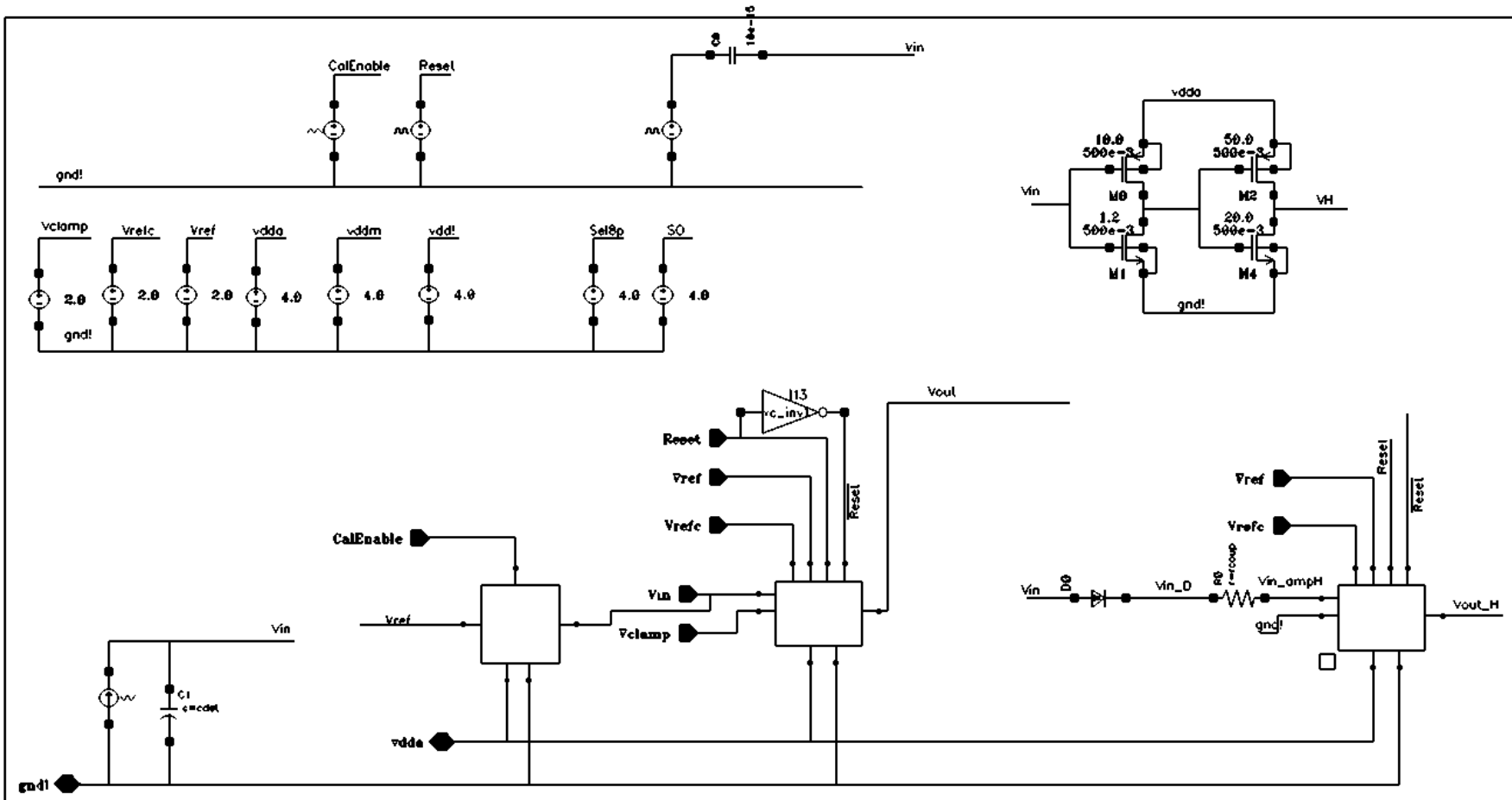


Pulse input:

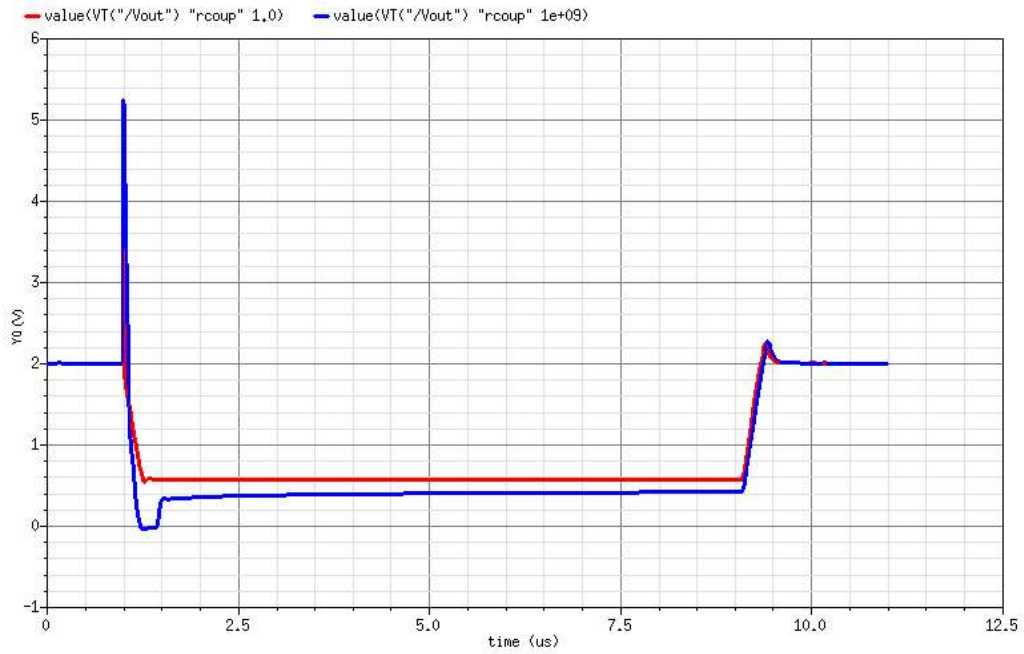
Full-scale 2mA for 5ns

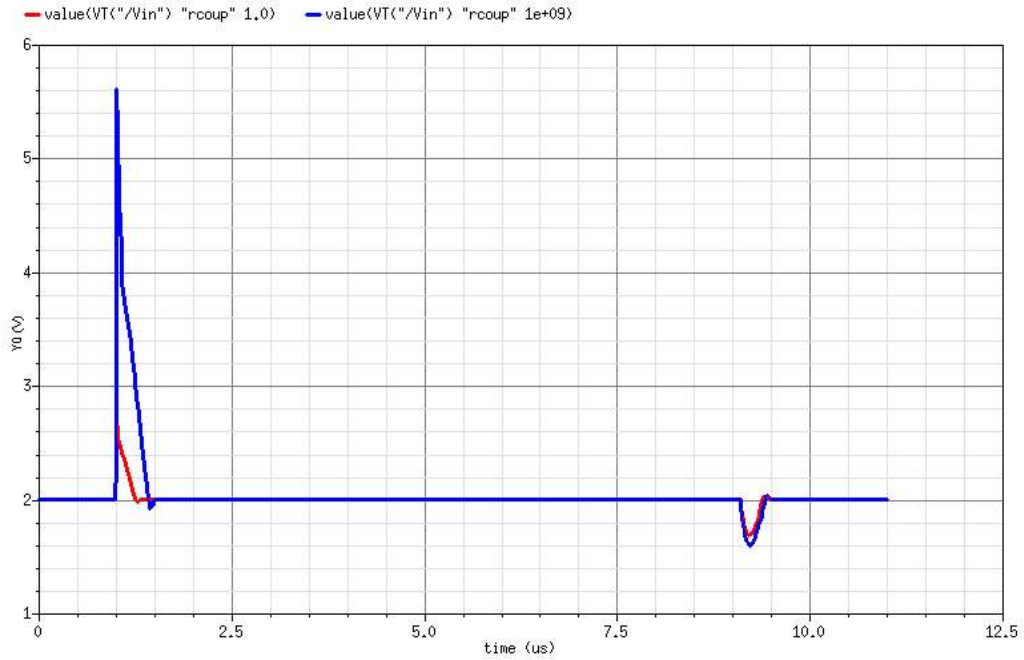
0 to 10mA by 2mA steps

Clamp enabled



CCLRC Technology	ASIC Design Group
Project	AIDA
Library Name	AIDA
Block Name	aida1_sim2
Last QA Review	
Last Changed	Jul 4 18:22:30 2006



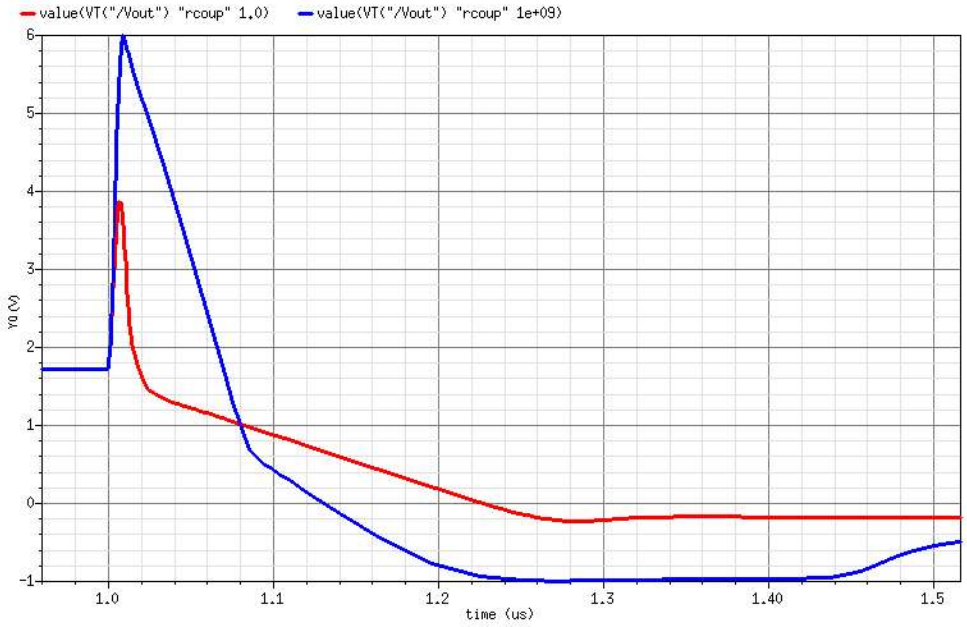


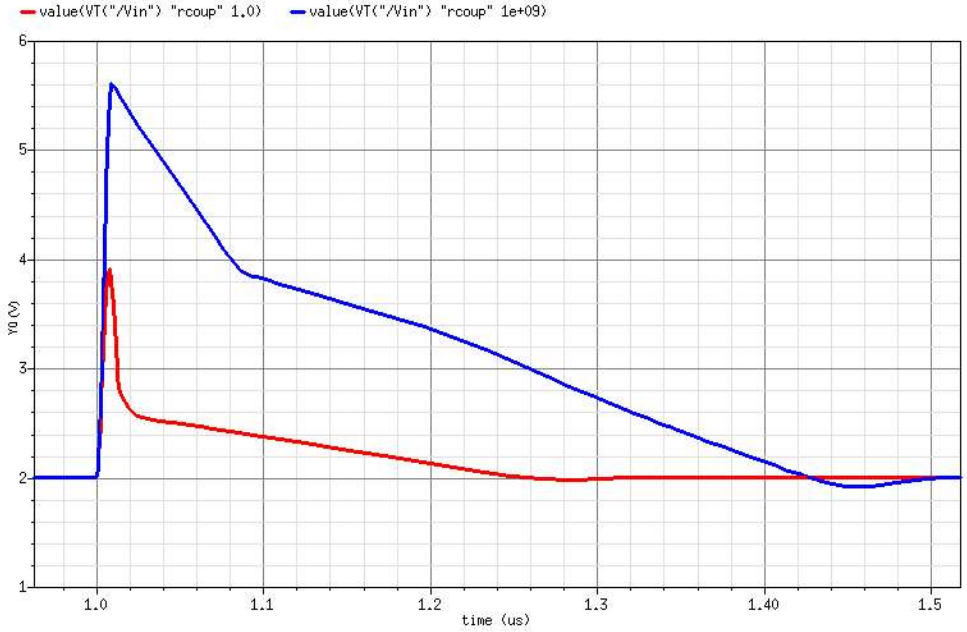
Pulse input 10mA:

Full-scale 2mA for 5ns

Coupling resistor On/Off

Clamp enabled



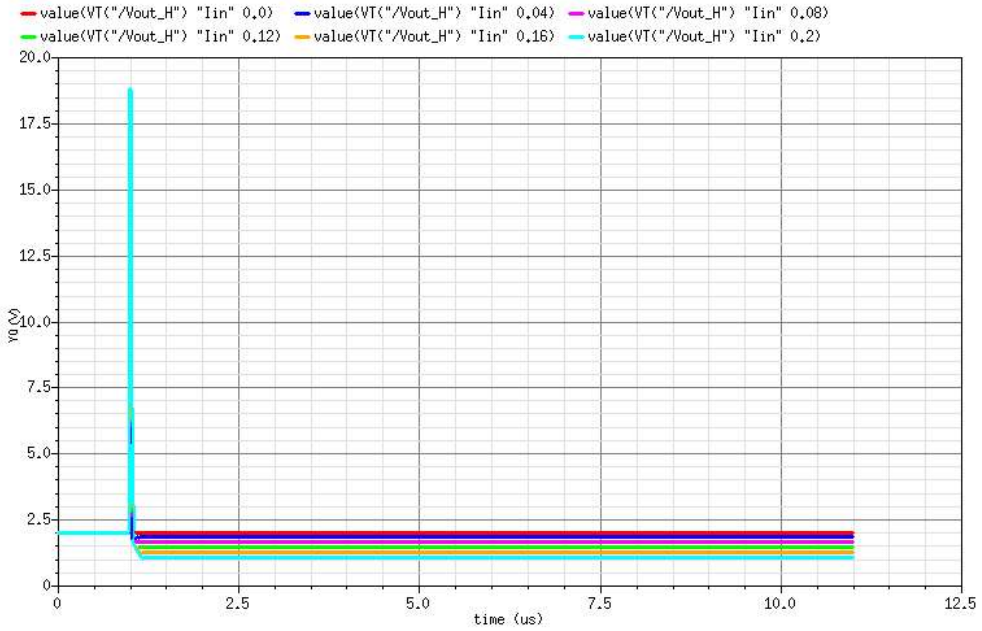


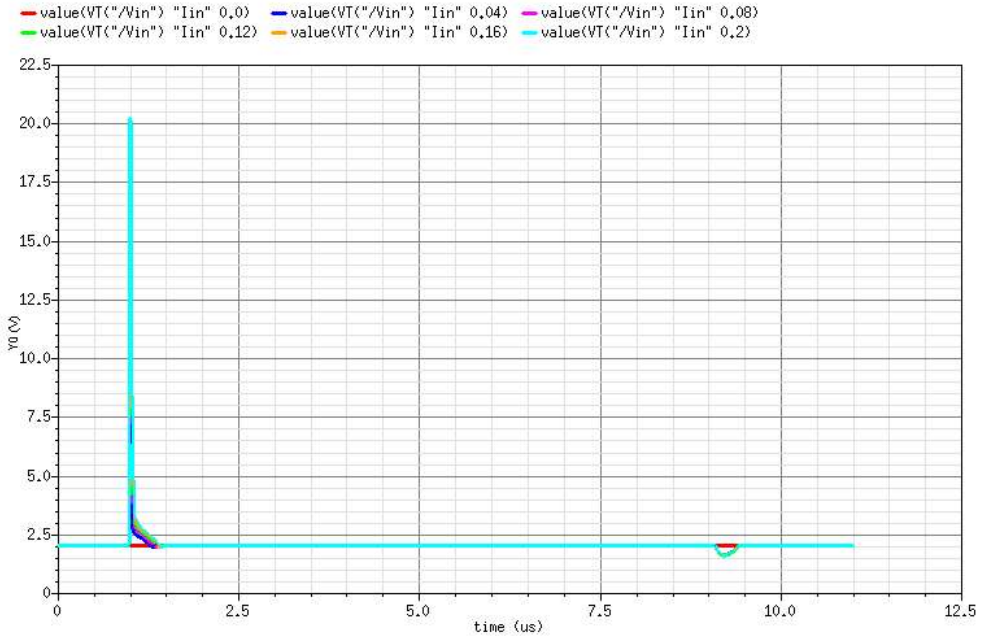
Pulse input 10mA:

Full-scale 2mA for 5ns

Coupling resistor On/Off

Clamp enabled





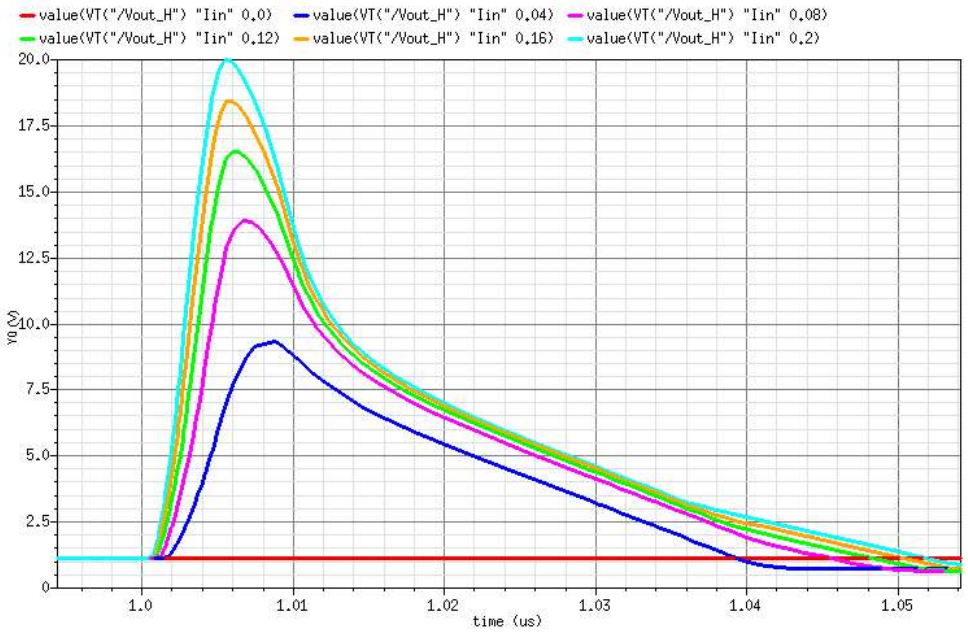
Pulse input:

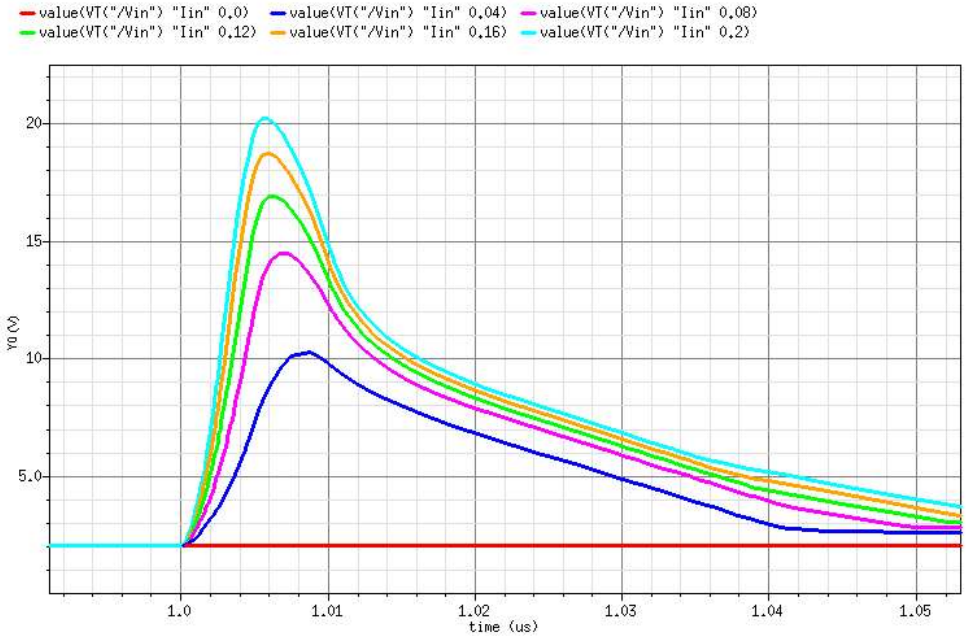
Full-scale 2mA for 5ns

Coupling resistor On

0-200mA for 5ns

Clamp enabled





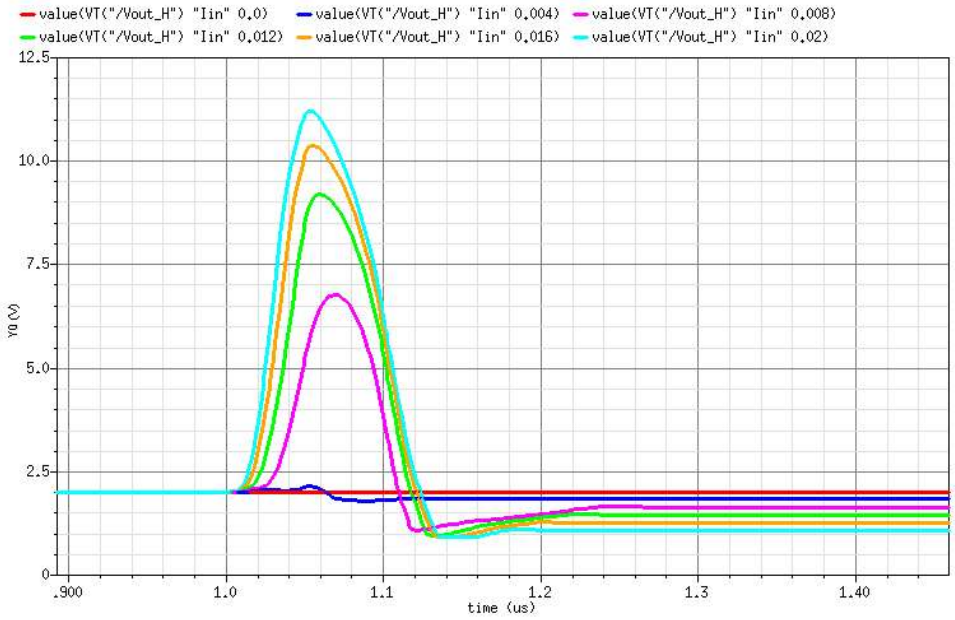
Pulse input:

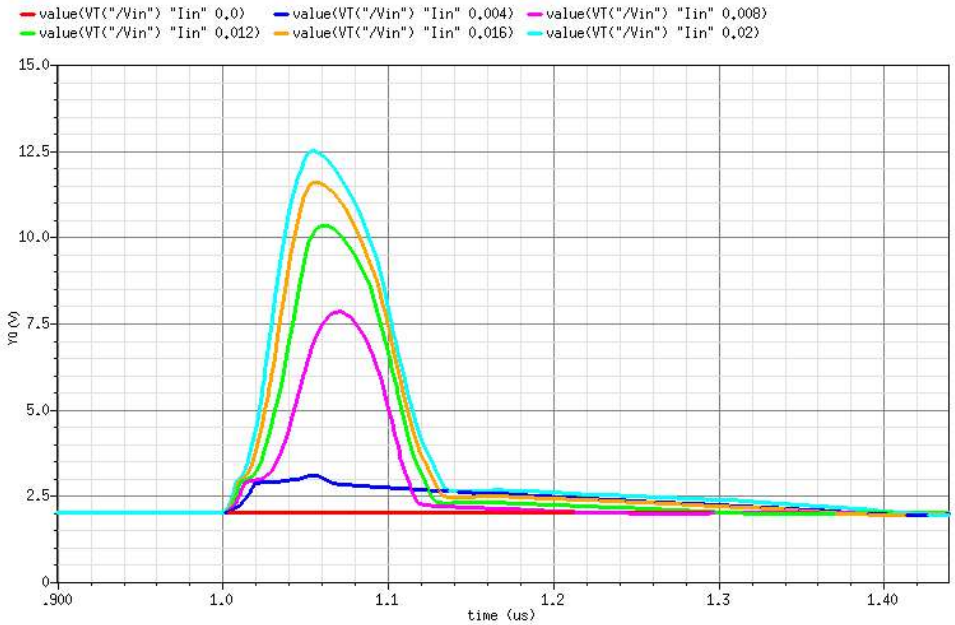
Full-scale 2mA for 5ns

Coupling resistor On

0-200mA for 5ns

Clamp enabled





Pulse input:

Full-scale 0.2mA for 50ns

Coupling resistor On

0-20mA for 50ns

Clamp enabled