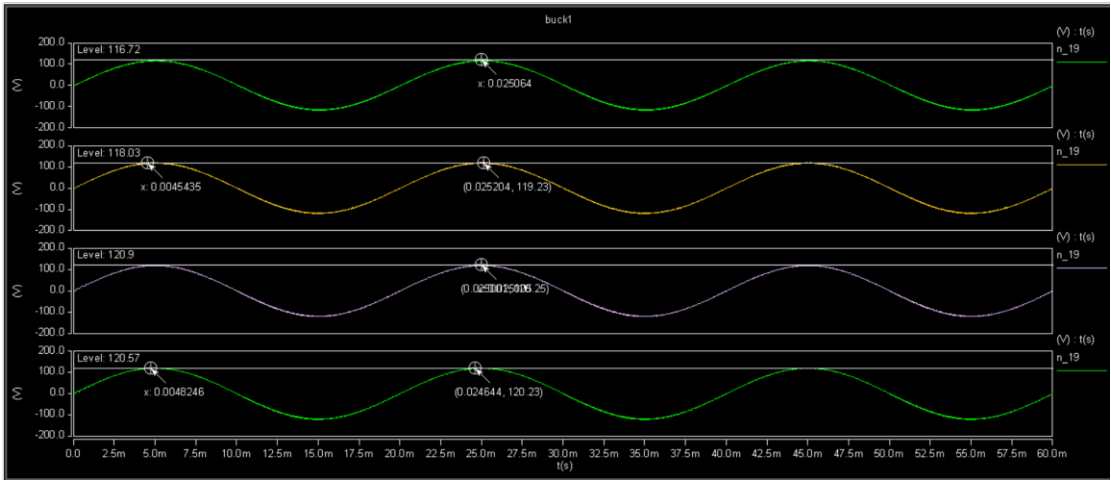
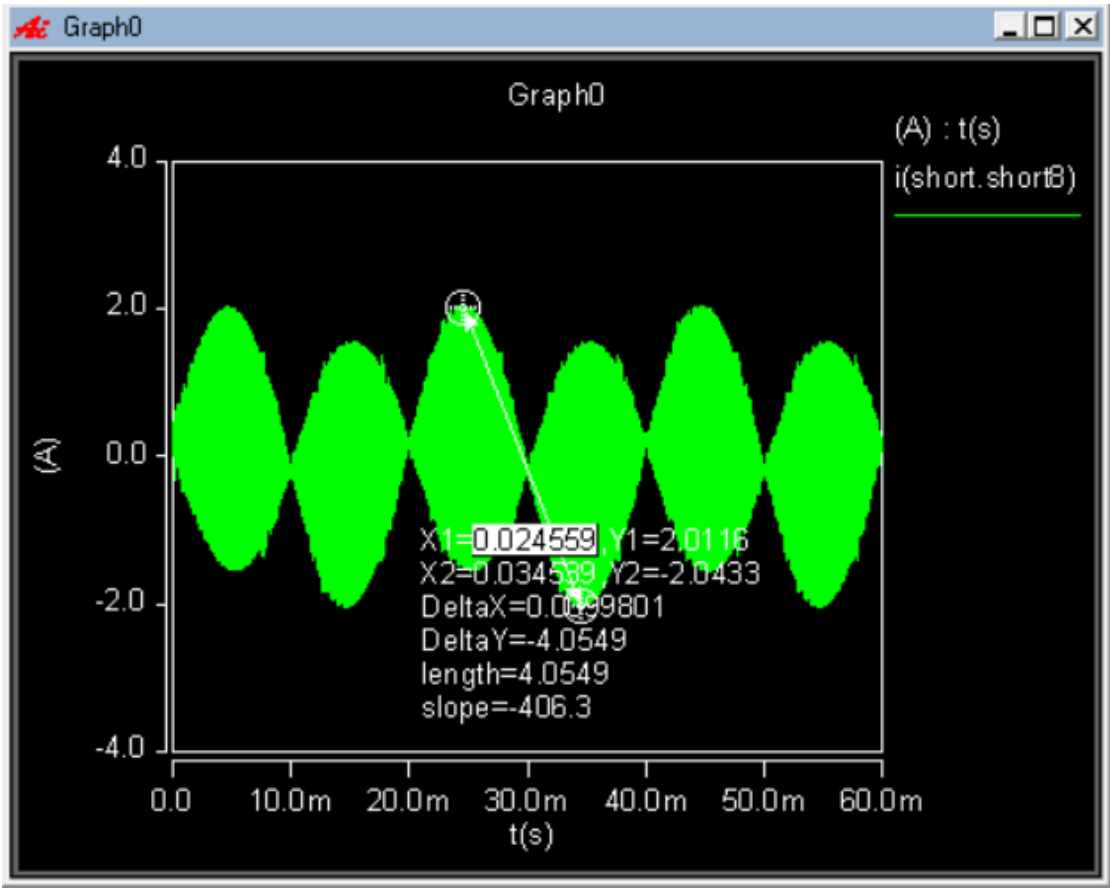


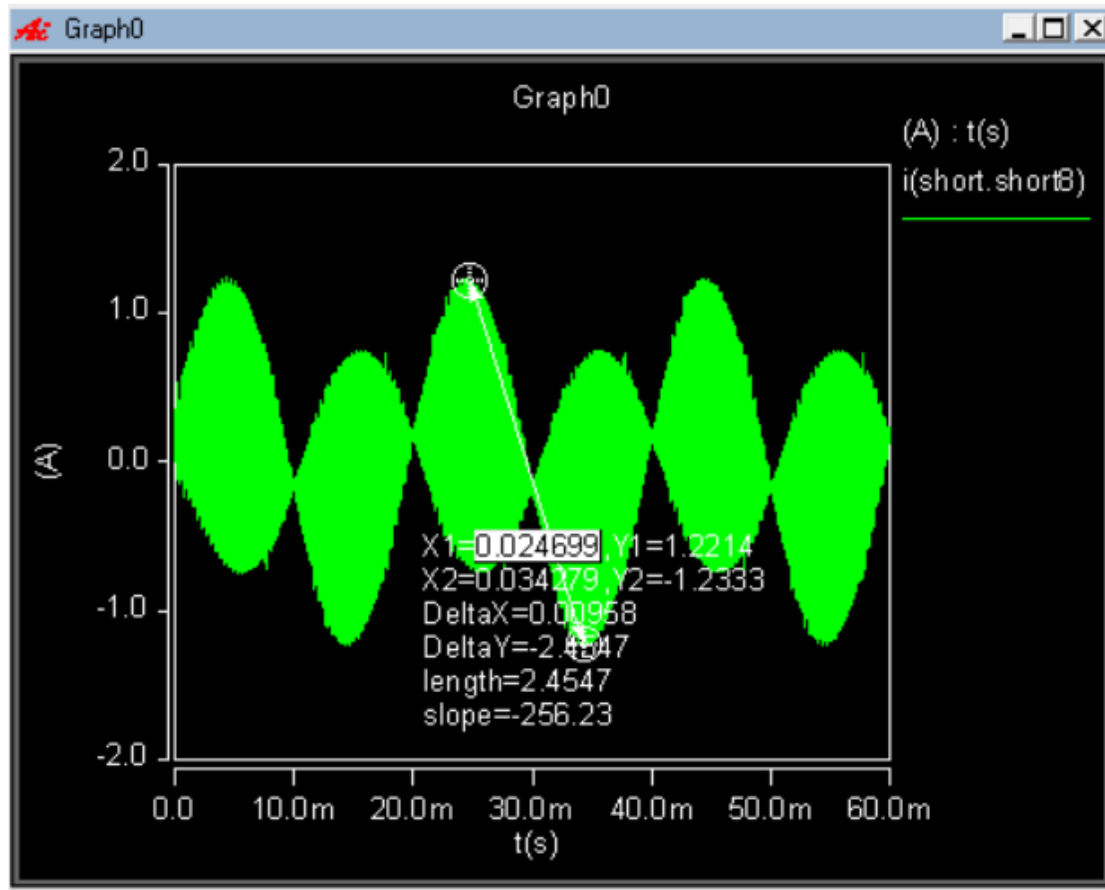
由下至上 R0 依次降低



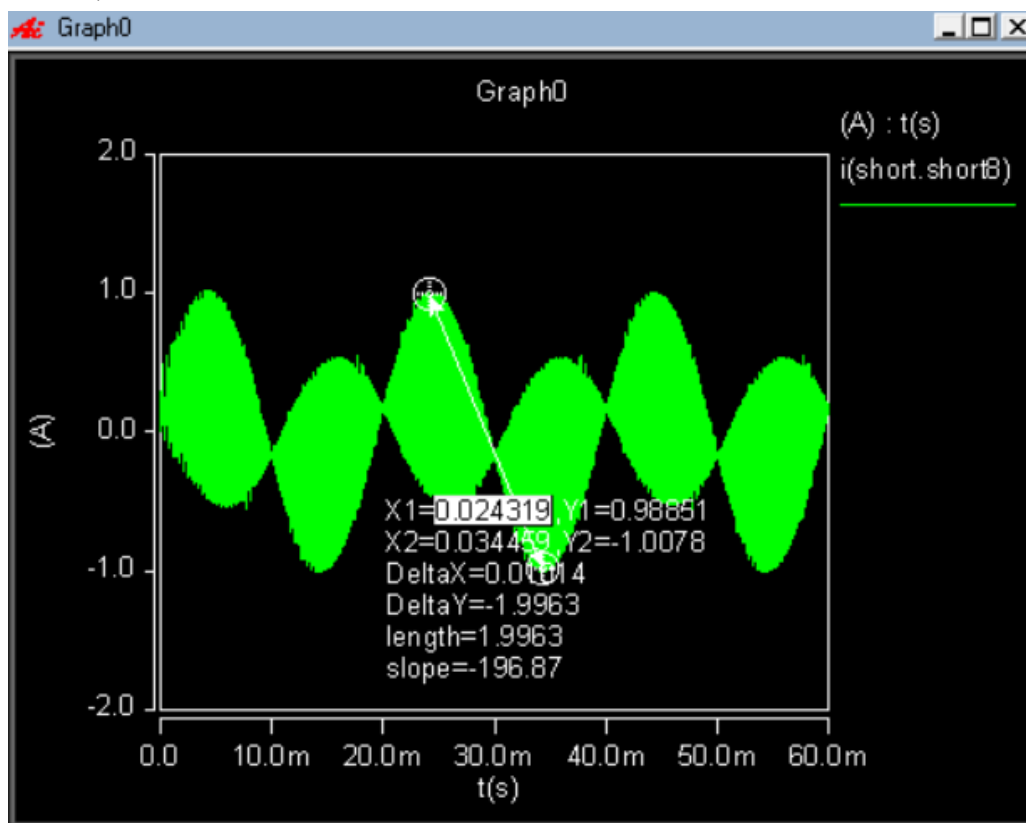
$\Delta i=4A$, $I_f=405u$



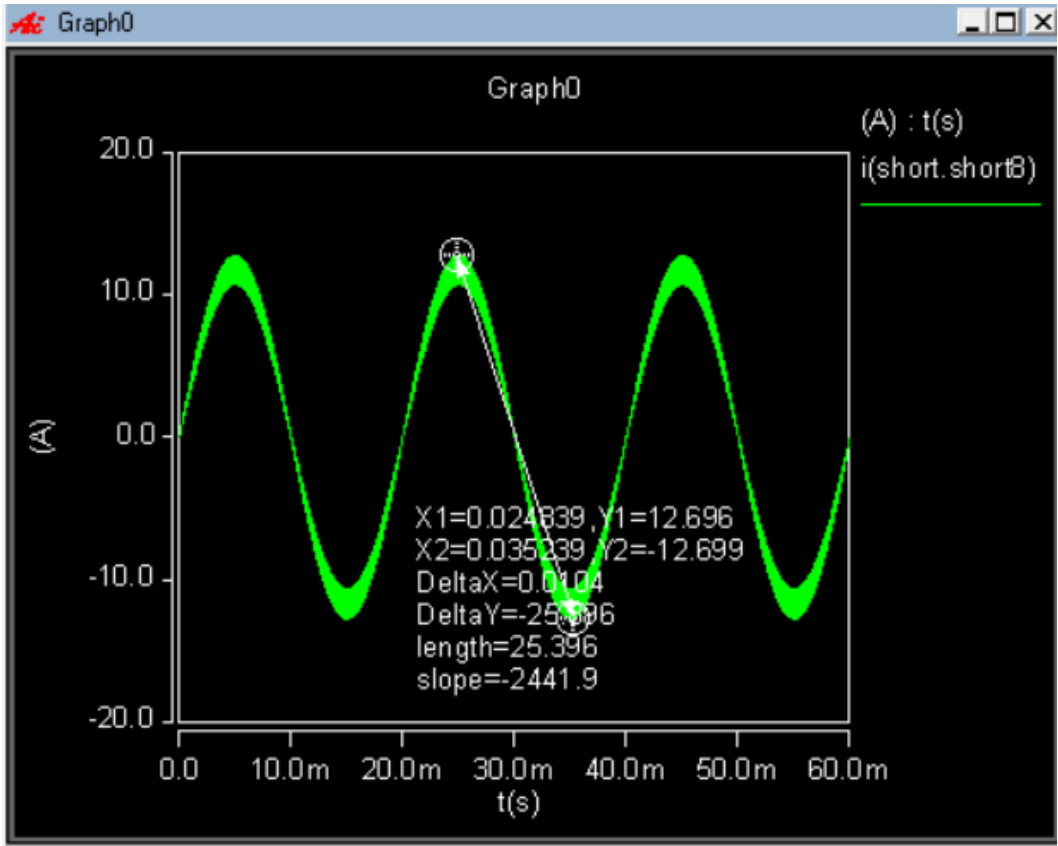
$\Delta i=2.5A$, $I_f=750u$



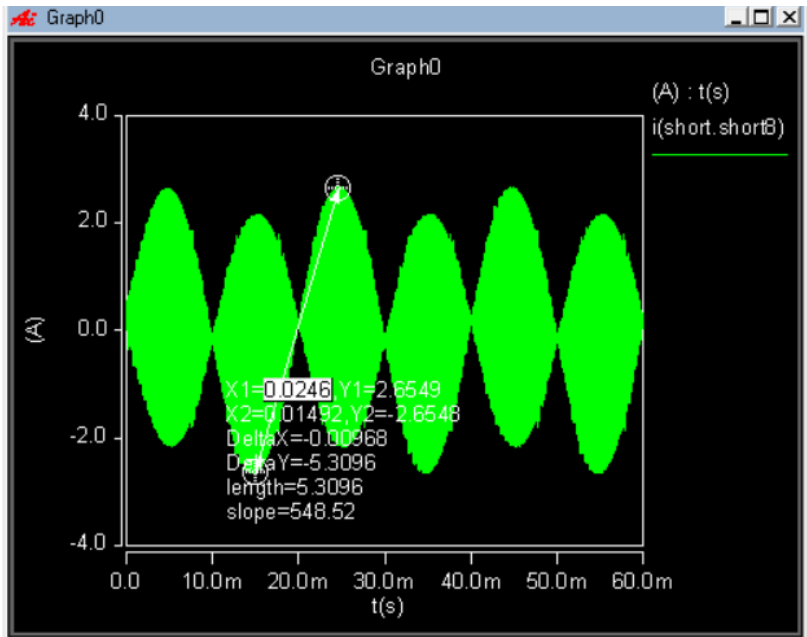
$\Delta i = 2A$, $I_f = 975u$



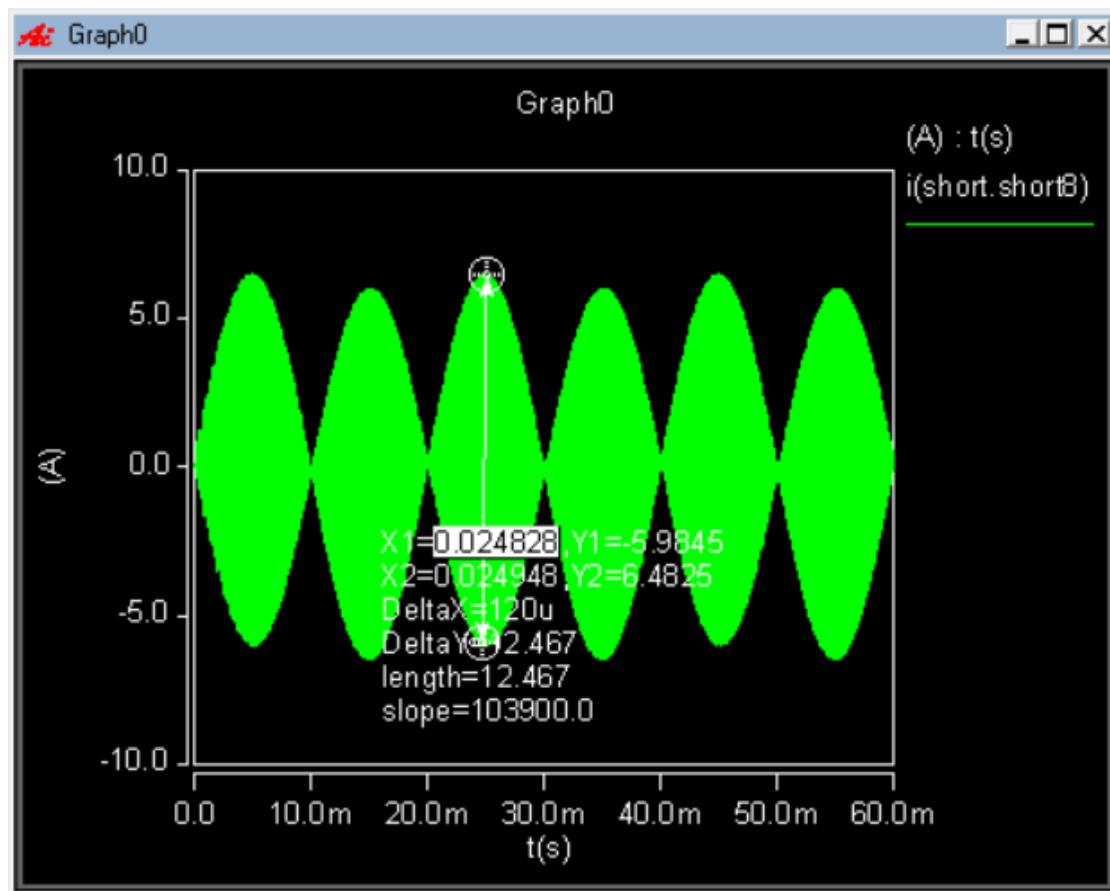
改变负载（变为 10Ω时）， Δi 发生明显变化，变大数十倍



Fs 为 100khz 时

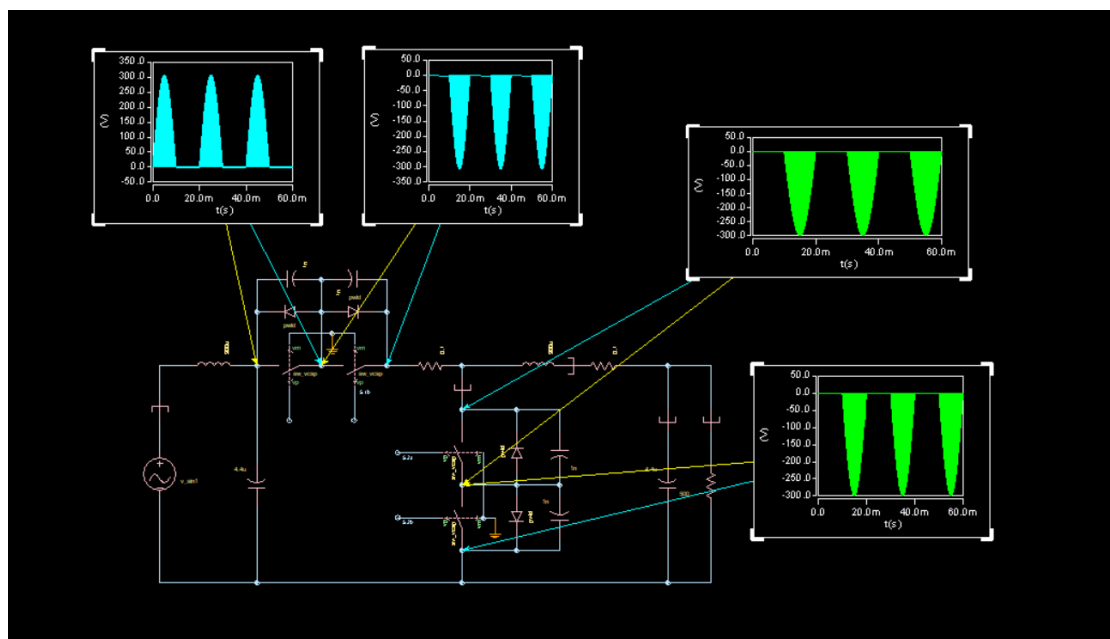


Fs 为 20khz 时

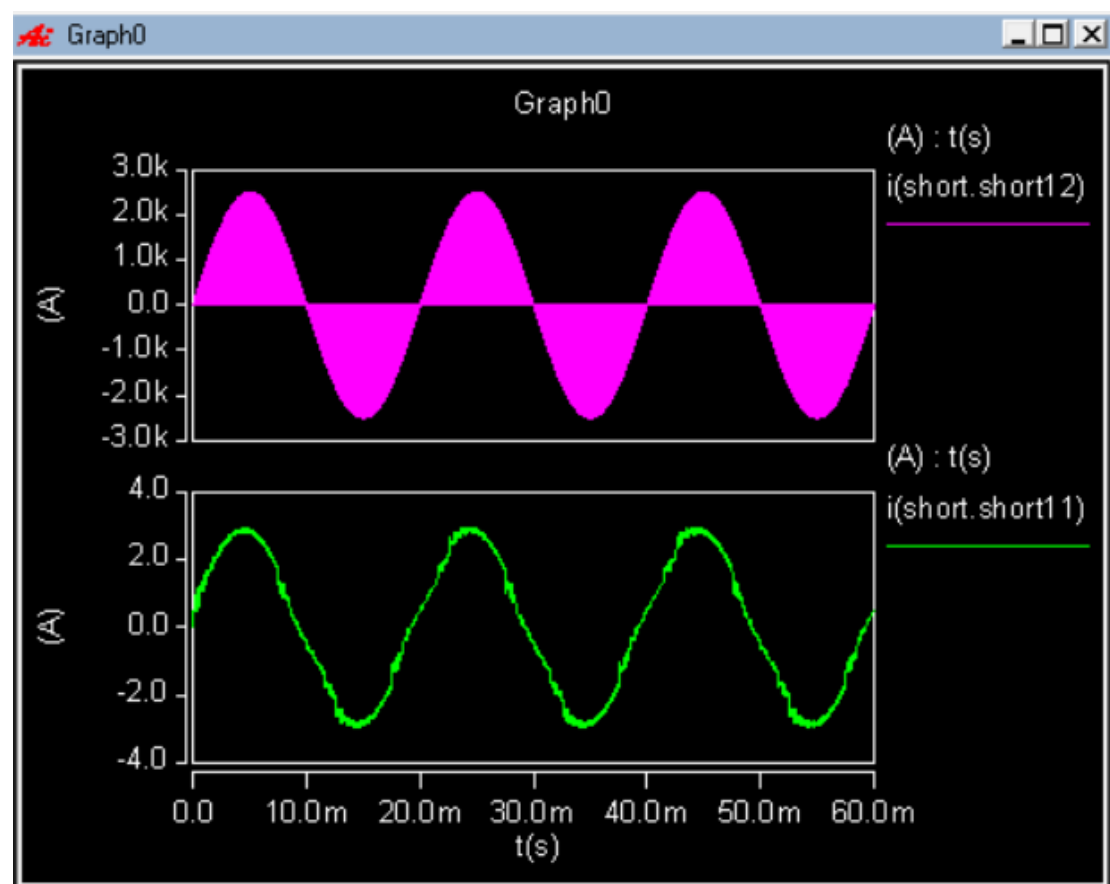


综上所述，有影响

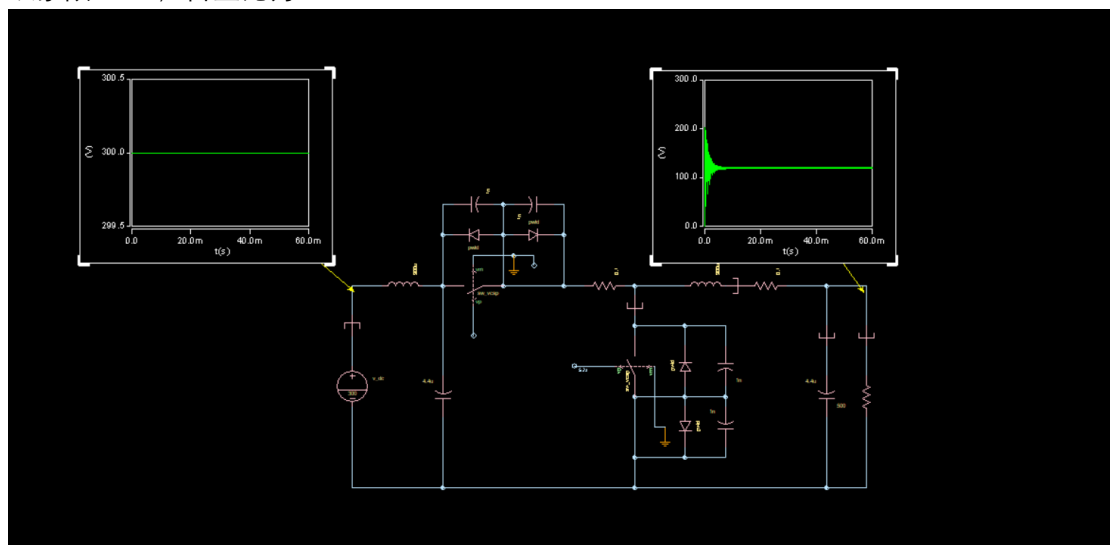
电压应力示意图如下：



电流应力如下：



双象限 buck，占空比为 0.4:



单象限 buck，占空比为 0.4:

