

```

.OPTIONS numdgt=7
.option plotwinsize=0
.param Freq=20k
.param numcyc=10
.param dlycyc=1
.param FFT=16384
.param simtime=(dlycyc*numcyc)/Freq
.param dlytime=dlycyc/Freq
.param numsample=simtime/Freq/((simtime/numcyc)*FFT)
.four (Freq) V(Vin) V(Vout)

.incl cordell_models.txt
.incl Zener_models.lib
;ac dec 50 1 100000000
.tran 0 {simtime} {dlytime} {numsample}

```

```

.param T1=27
.param T2=27
.param T3=27
.param T4=35

```

