

```

.options plotwinsize=0
.options method=gear
.options numdgt=7
.param Freq=20K
.param numcyc=20
.param dlycyc=5
.param FFTs=2**16
.param simtime=numcyc/Freq+dlytime
.param dlytime=dlycyc/Freq
.param timestep=(simtime-dlytime)/FFT
.four (Freq) V(Vin) V(Vout)
.tran 0 (simtime) (dlytime) (timestep)

.option numdgt=15
.option reitot=1e-6
.option prntau=0

;op
;ac oct 100 1 1G
;noise v(Vout) V3 oct 100 1 100meg

```

