

```

.options plotwinsize=0
.options method=gear
.options numdgt=7
.param ampl=.4
.param Freq=1k
.param numcyc=10
.param dlycyc=5
.param FFT=2**16
.param simtime=numcyc/Freq+dlytime
.param dlytime=dlycyc/Freq
.param timestep=(simtime-dlytime)/FFT
.four {Freq} V(out)
.four {Freq} 4 V(out)
;tran 0 {simtime} {dlytime} {timestep}
;step param ampl 1 3 .2
;ac dec 1k 1m 1G
;noise V(out) V4 dec 1k 1m 1G
;step C3 0 2u 50n
;op

```

