

Bob Cordell DH-220c Modification, Jan1,2017

```
.options maxstep=0.02441555u
.options maxstep=0.40831106u

:SINE(0.75 (freq))
AC1 AC 1
SINE(0.75 (freq))

PULSE(1 1 0 0.000u 0.000u 1.000u 1.000u)

:tran 0 (simtime) (dtime) (numstep)

.param rdc 60
:step dec param level list .1 .5 1.3

:ac dec 100 10 1007
V(vout)/V(in)
SINE(0.75 (freq))
:noise vout ac1 dec 10 10 20000

.options plotwinsize=0
.options numdgt=7

.param Freq=20k
.param numcyc=10
.param dbycyc=10
.param FFT=192
.param simtime=(dbycyc*numcyc)/Freq
.param runtime=simtime*Freq(simtime*numcyc)/FFT
:four (Freq V(in) V(out))
.param Rem 0.5
.param R01 0.1

.param f = 20k, t edge=.005u
.param vsd 2.20k
.param timestep 1m/192
```

