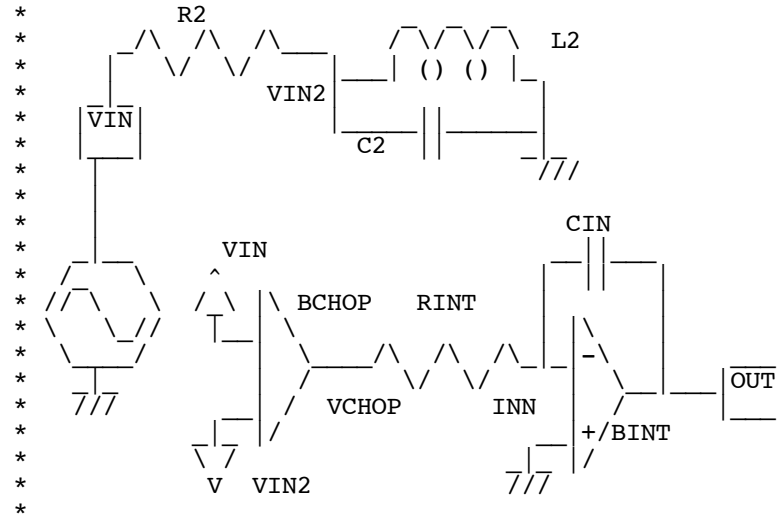


CHOP_And_Int

* dsauersanjose@aol.com 1/15/09
 * www.idea2ic.com



```
.OPTIONS      GMIN = 1e-18

VIN           VIN    0      SIN( 0 50n 10k) AC 50n
R2            VIN    VIN2  30k
C2            VIN2   0      16n
L2            VIN2   0      16m

BCHOP         VCHOP  0      V  = (V(VIN)  +V(VIN2)*50)*100000

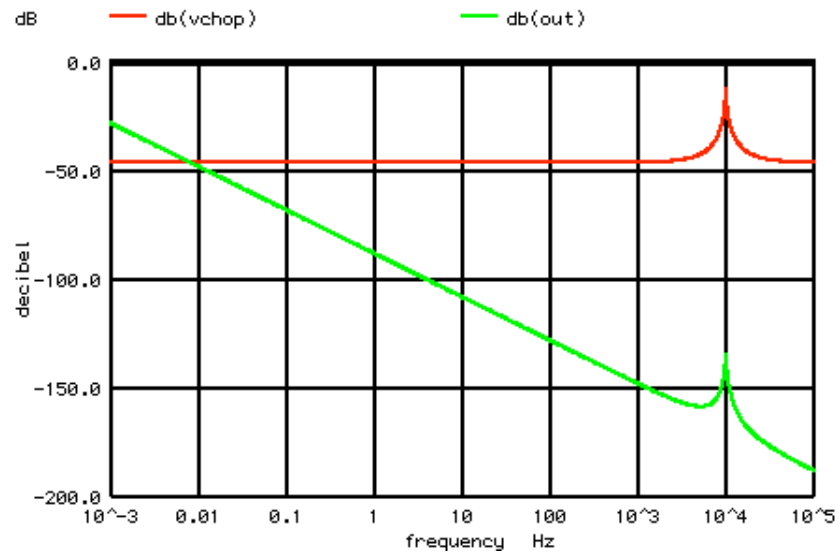
RINT          VCHOP  INN    100k
CINT          INN    OUT    200u
BINT          OUT    0      V  = -100000*V(INN)

.control
set pensize = 2

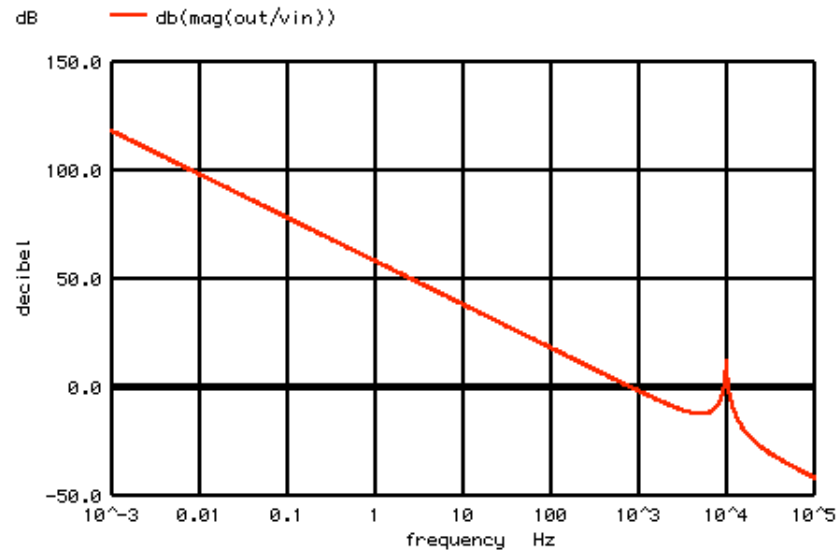
ac            dec      100      1m      100k
plot         db(vchop) db(out)
plot         db(mag(out/vin))

.endc

.end
```

In this case the chopper frequency is being set to 10Khz while the unity gain cross is being set to 1kHz.



While it may be prudent to perhaps raise the chopping frequency, this example can show some relationships.