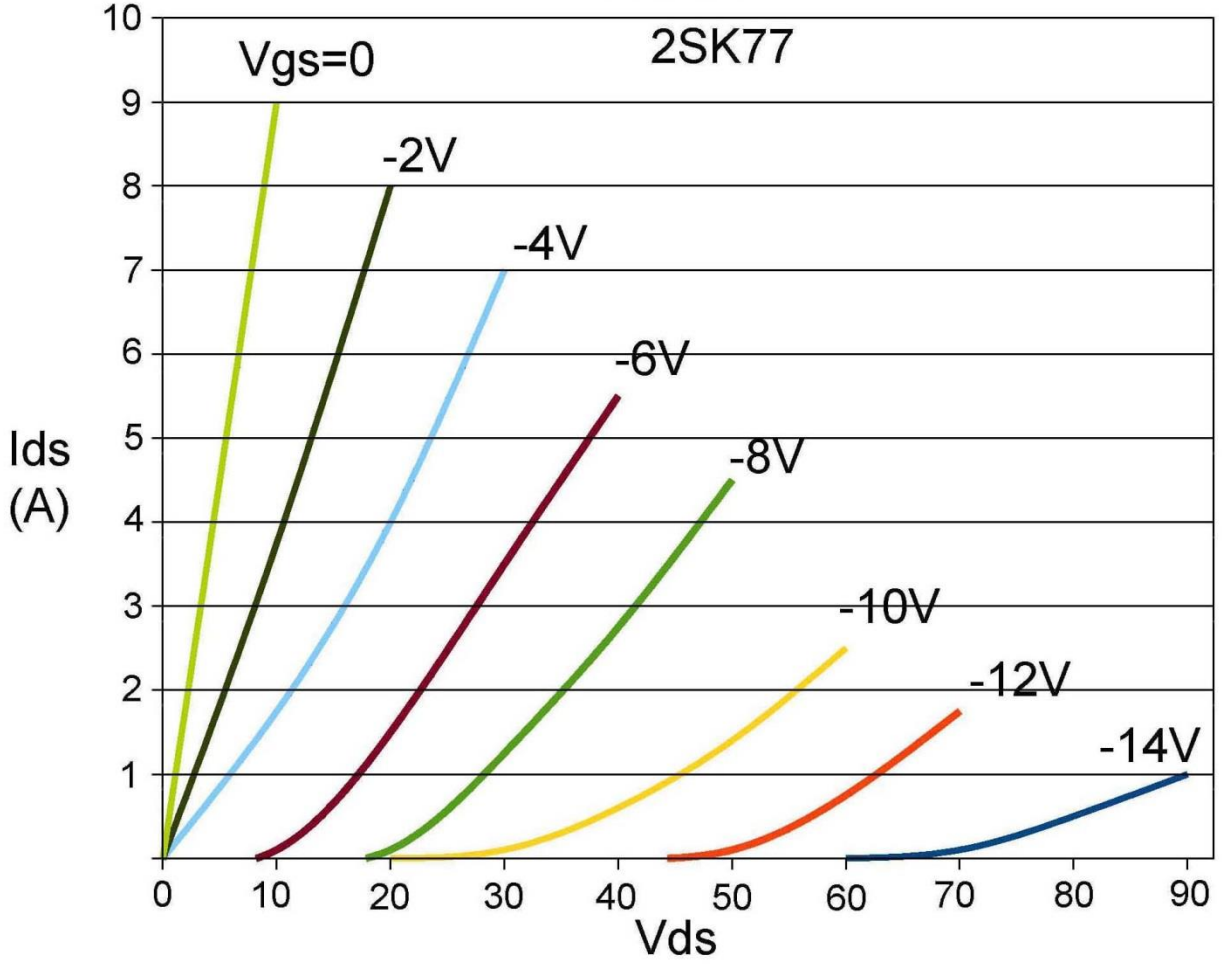
# PART 1

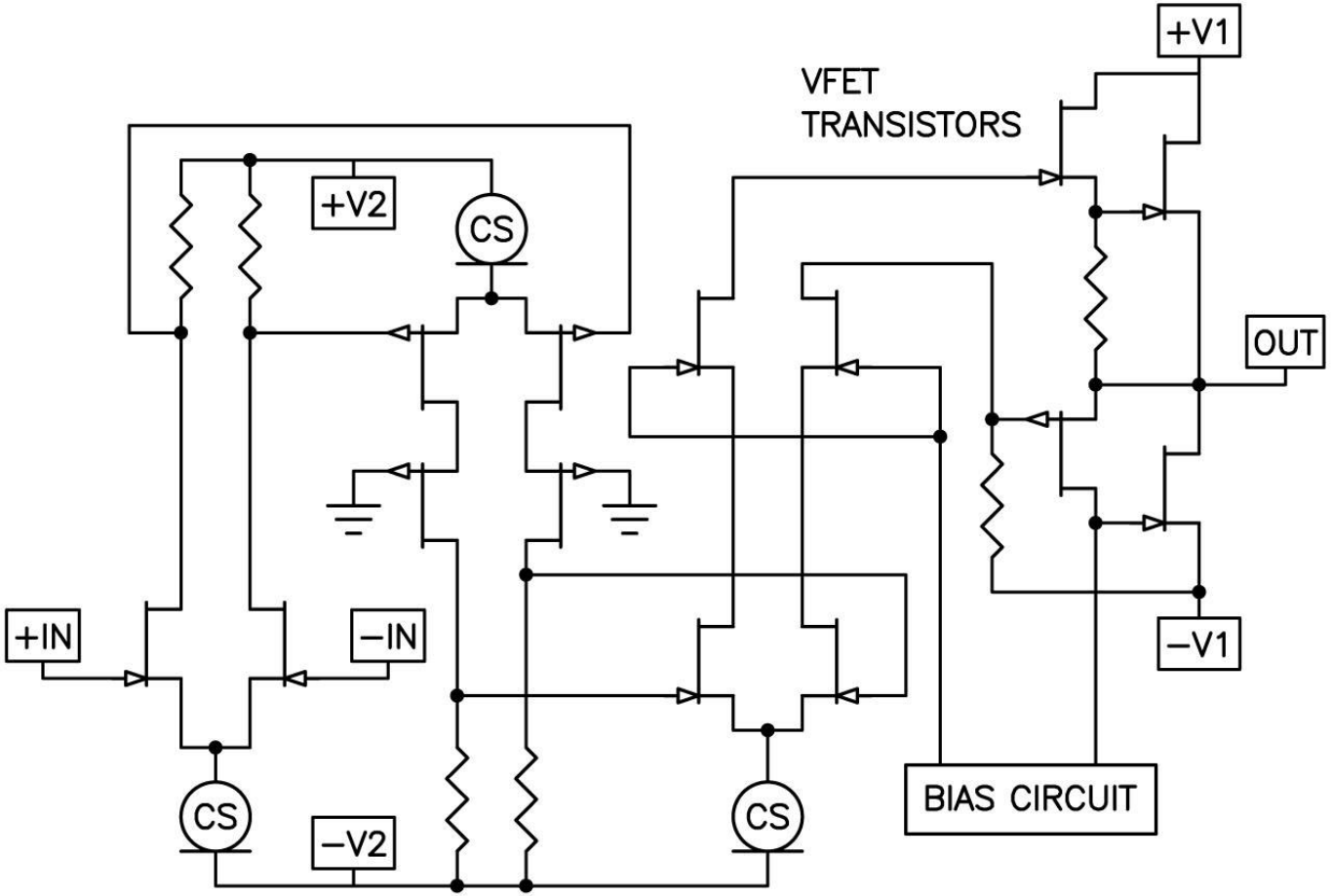
## THE 2SK77B SINGLE-ENDED AMPLIFIER

# YAMAHA B1

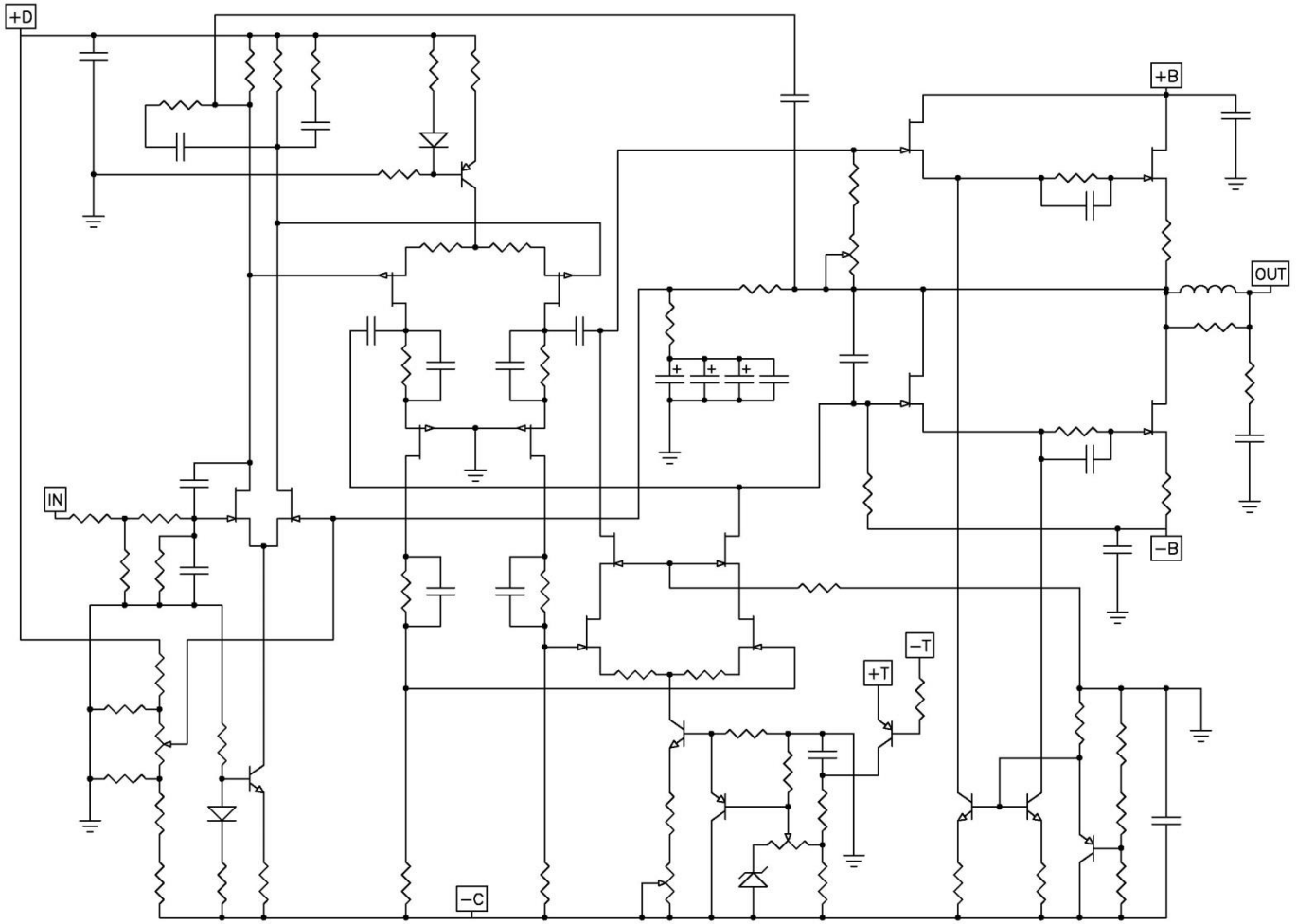
# 2SK77 CURVE


2SK77
Vgs=0
-2V
-4V
-6V
-8V
-10V
-12V
-14V
Ids
(A)
Vds
0
10
20
30
40
50
60
70
80
90
1
2
3
4
5
6
7
8
9
10

# YAMAHA B1 SIMPLIFIED

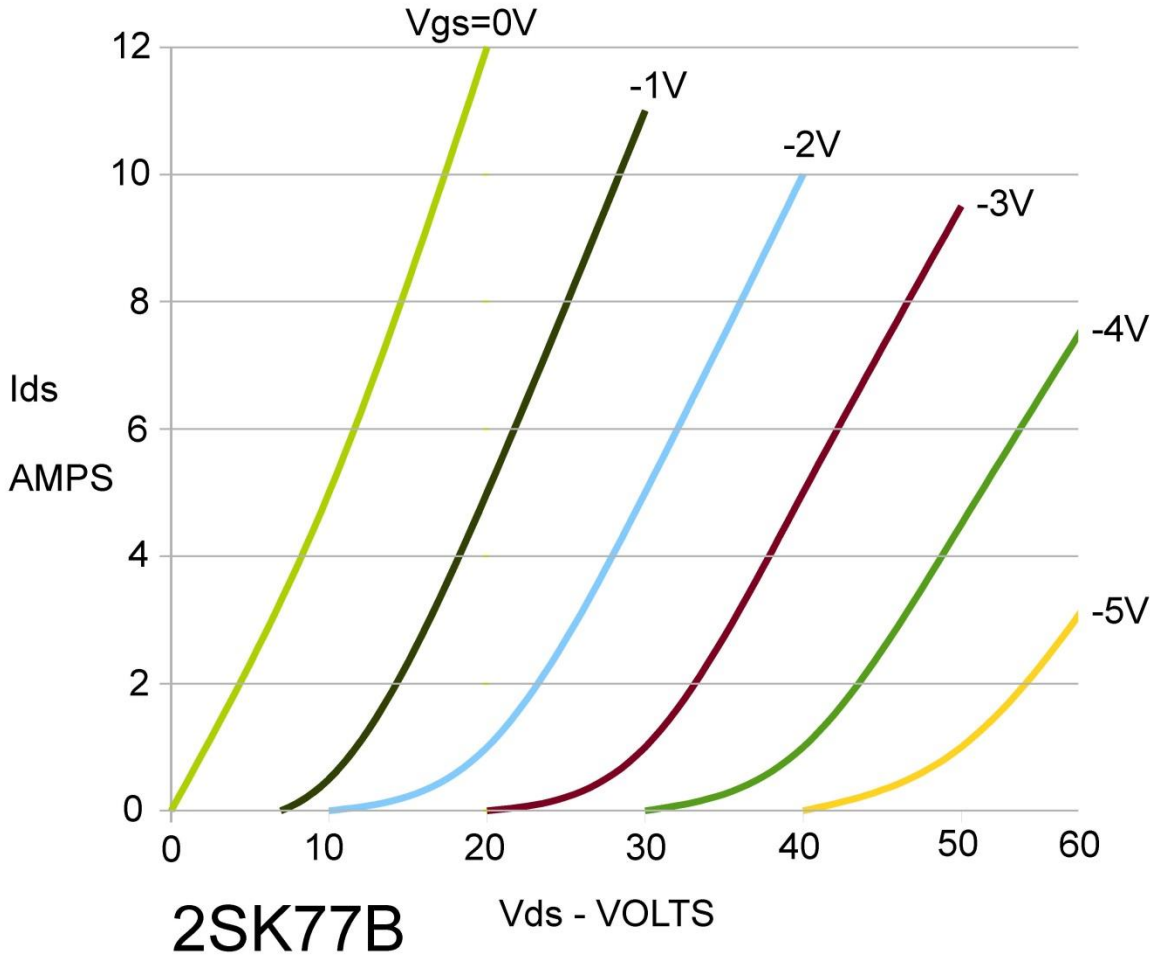


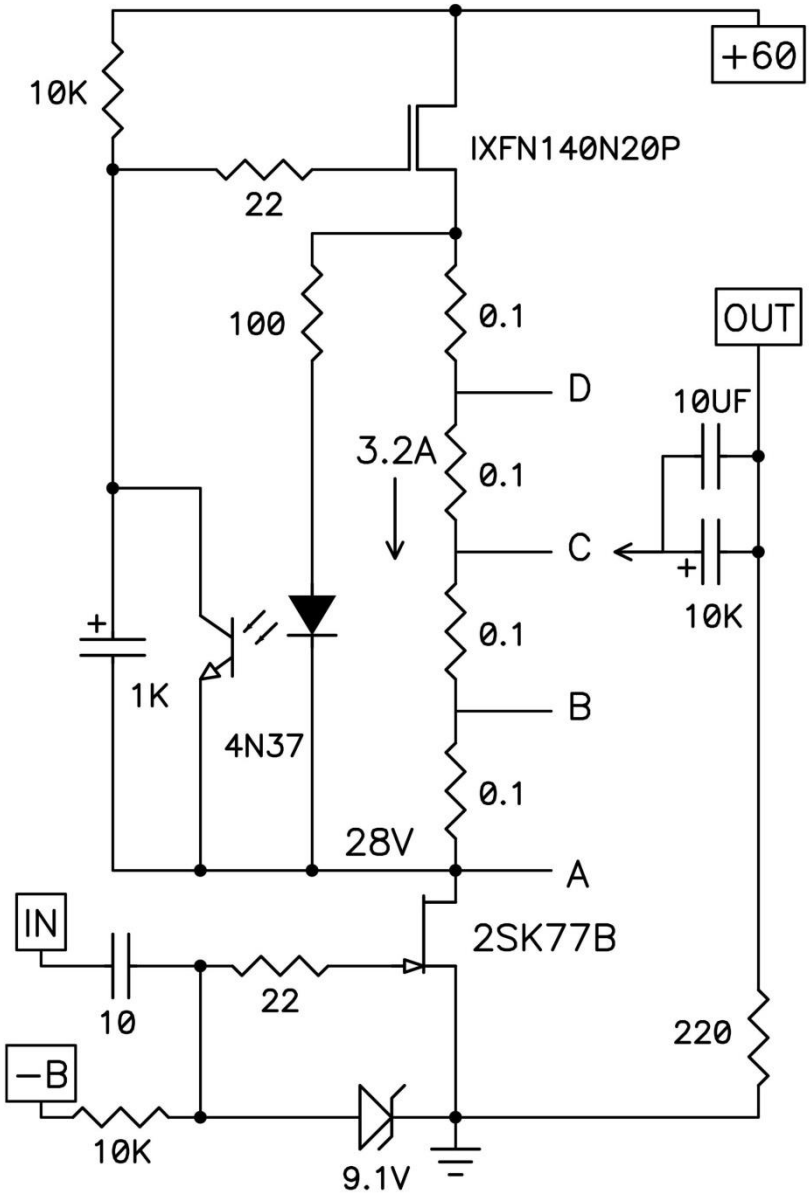
# YAMAHA B1 FULL



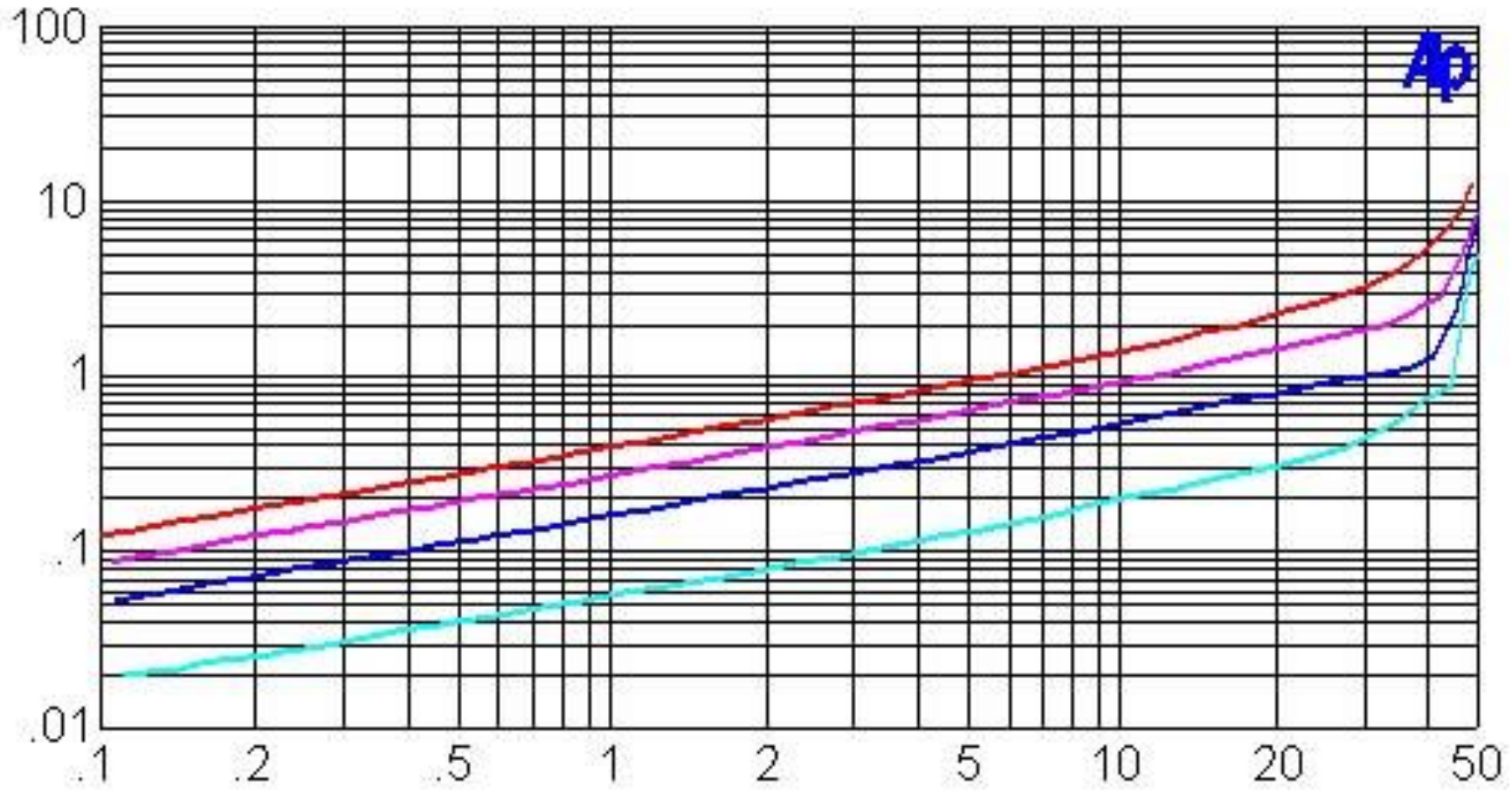
# 2SK77B

# 2SK77B CURVE

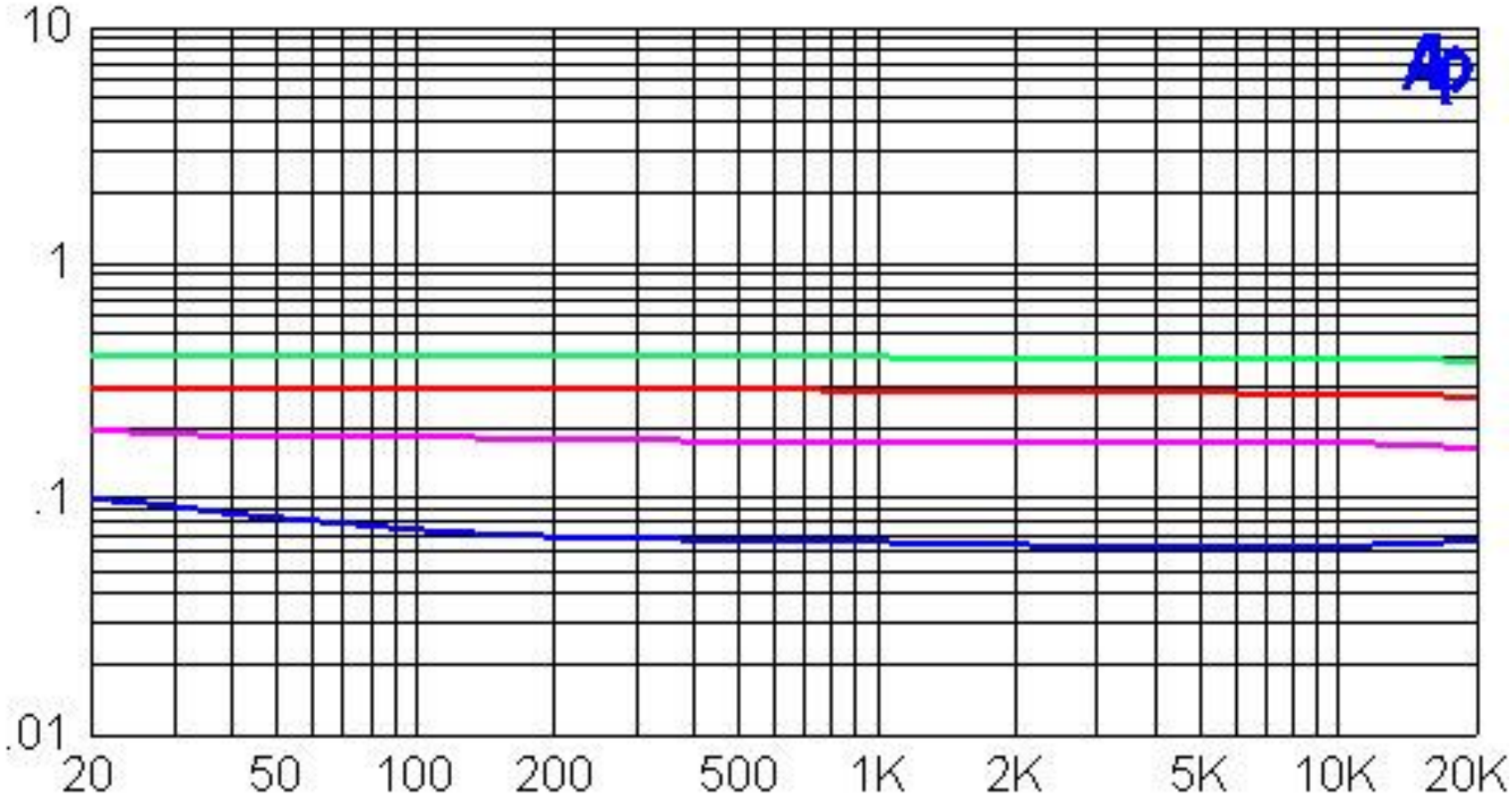




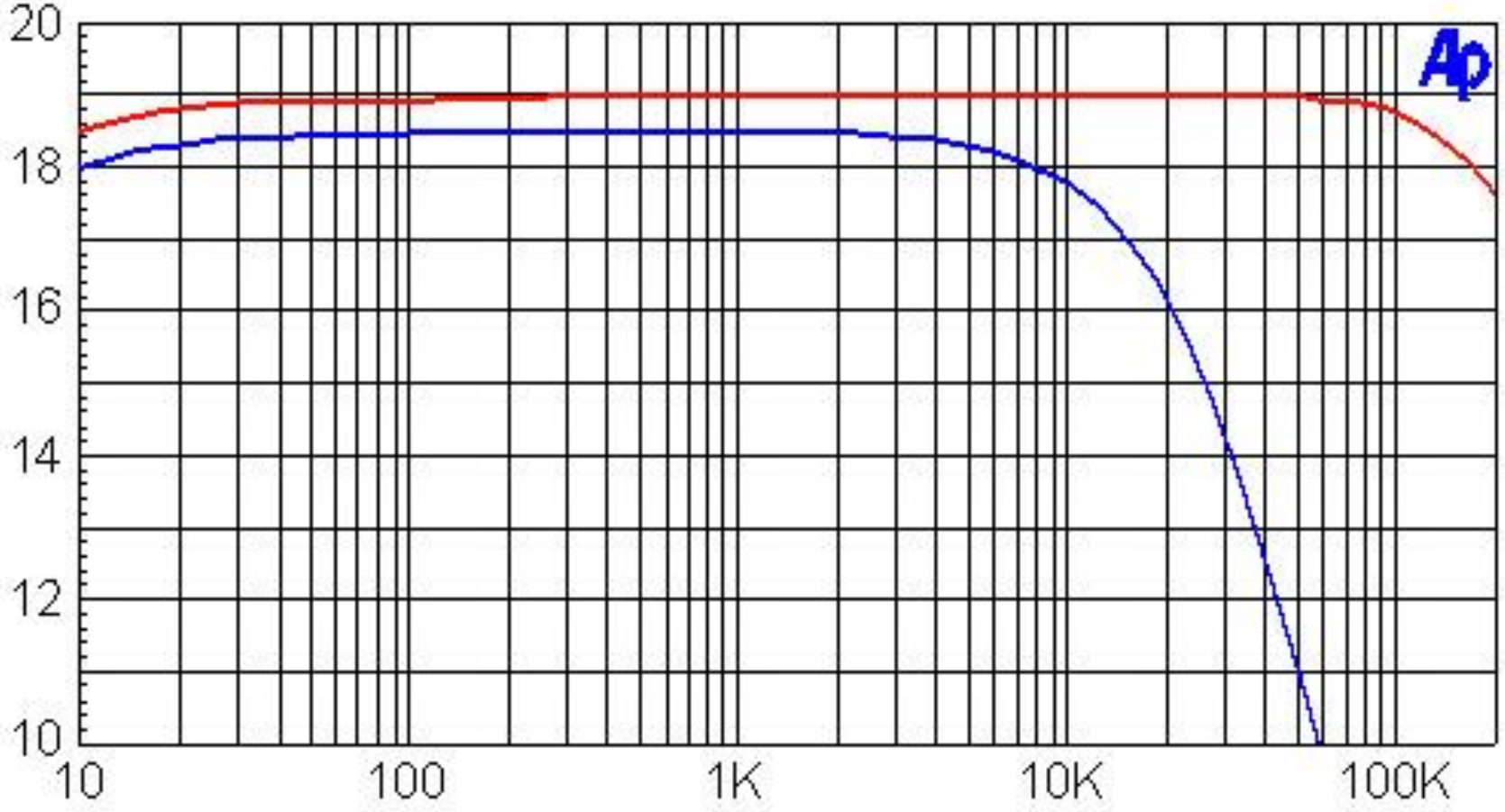

2SK77B 50 WATT VFET AMPLIFIER




2SK77B AMPLIFIER - DISTORTION VS POWER




2SK7B AMPLIFIER - DISTORTION VS FREQUENCY

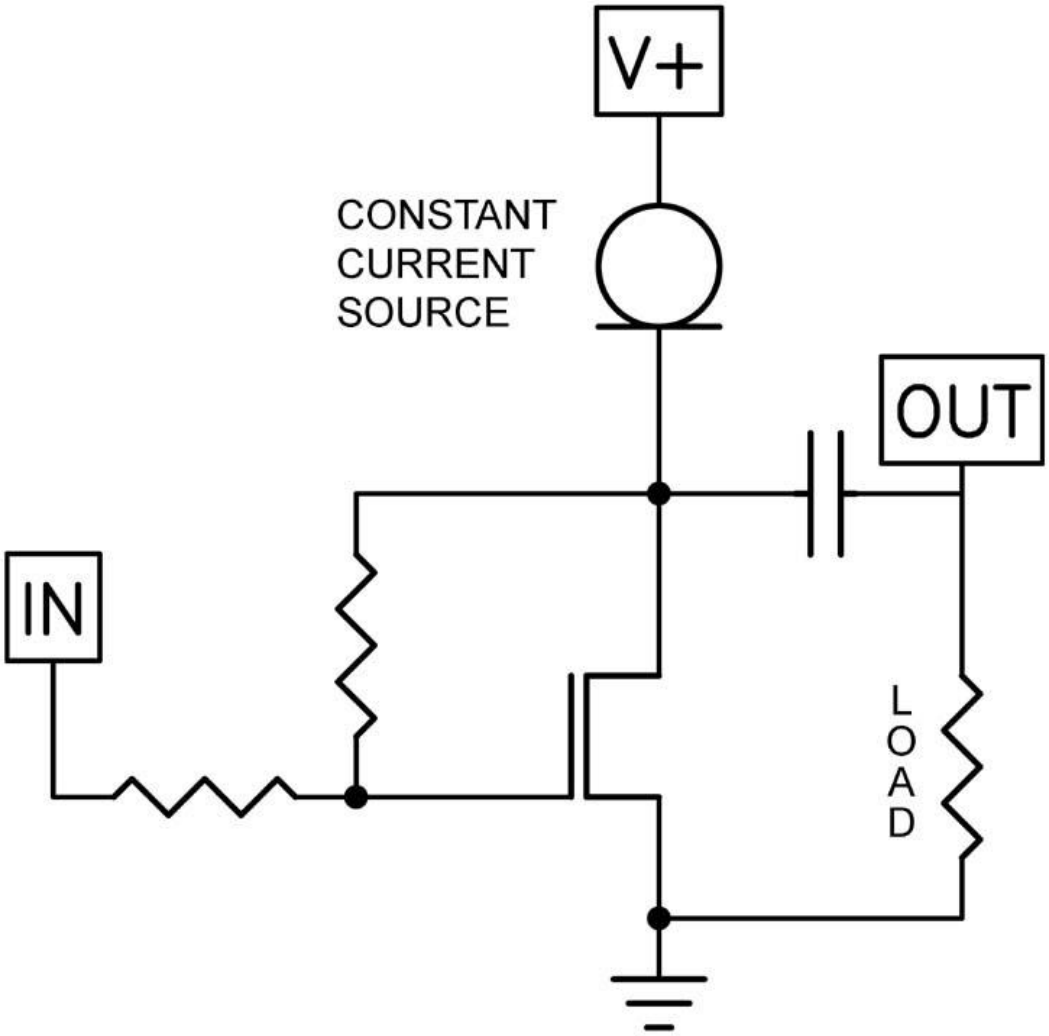



2SK77B AMPLIFIER - FREQUENCY RESPONSE
DB VS FREQ  25 OHM / 600 OHM SOURCE

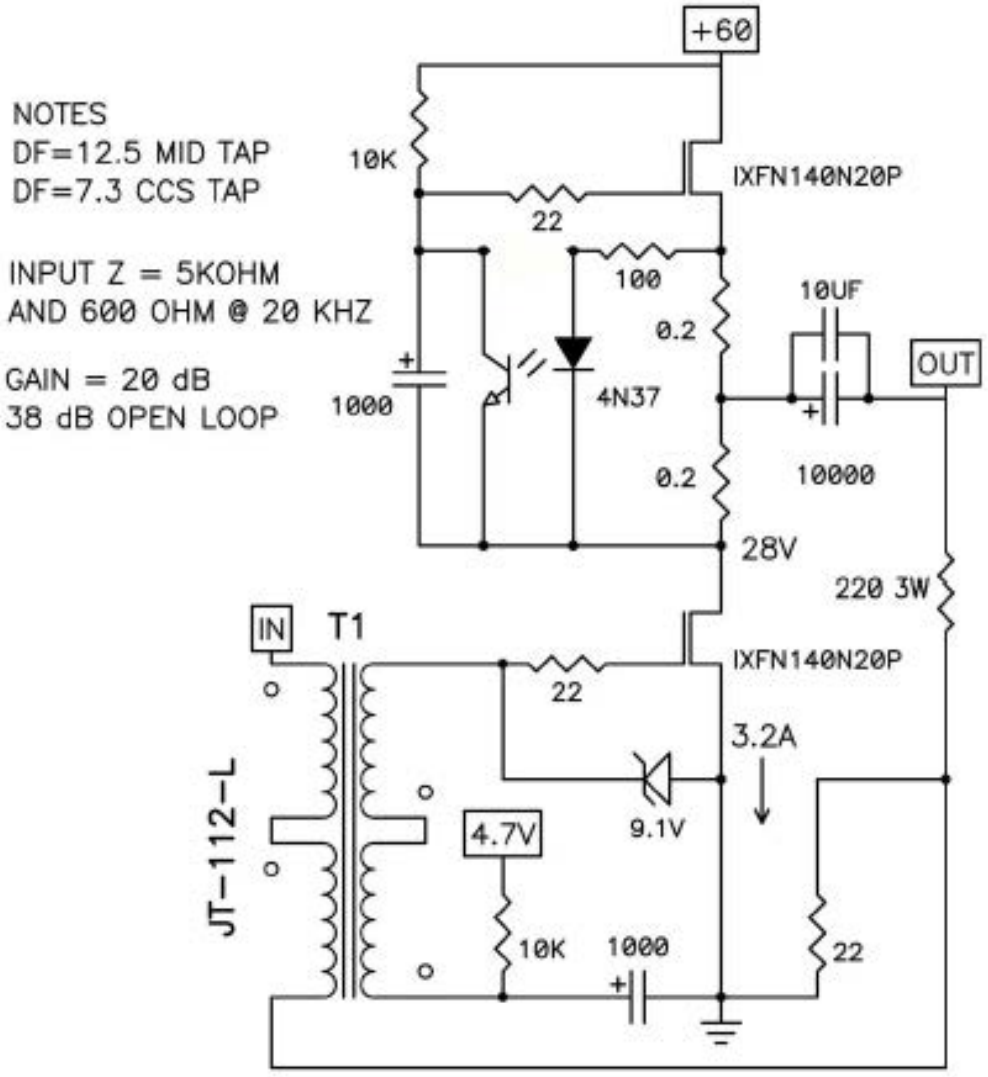
# PART 2

IXFN140N20P

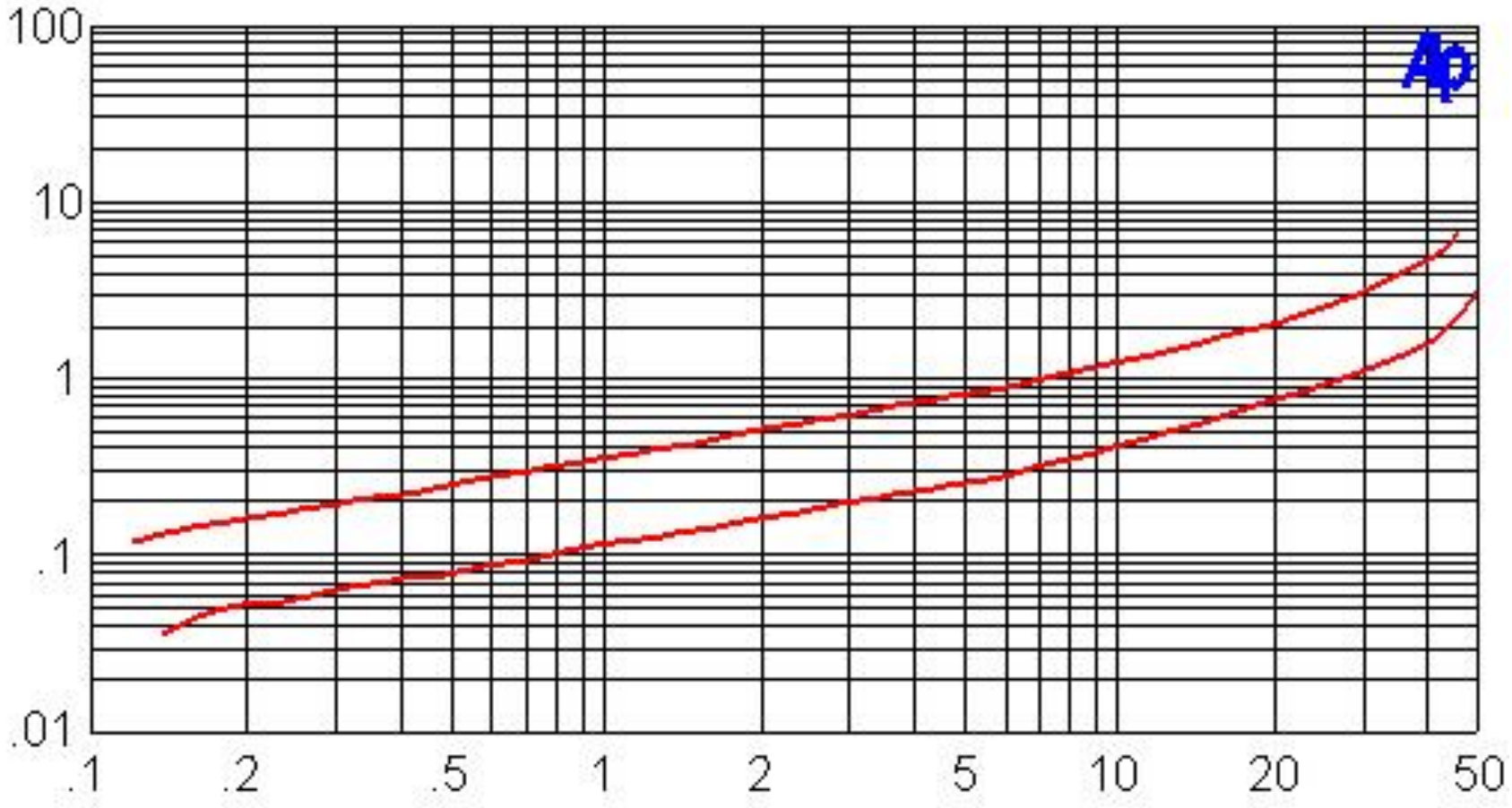
SINGLE-ENDED AMP




SCHADE FEEDBACK

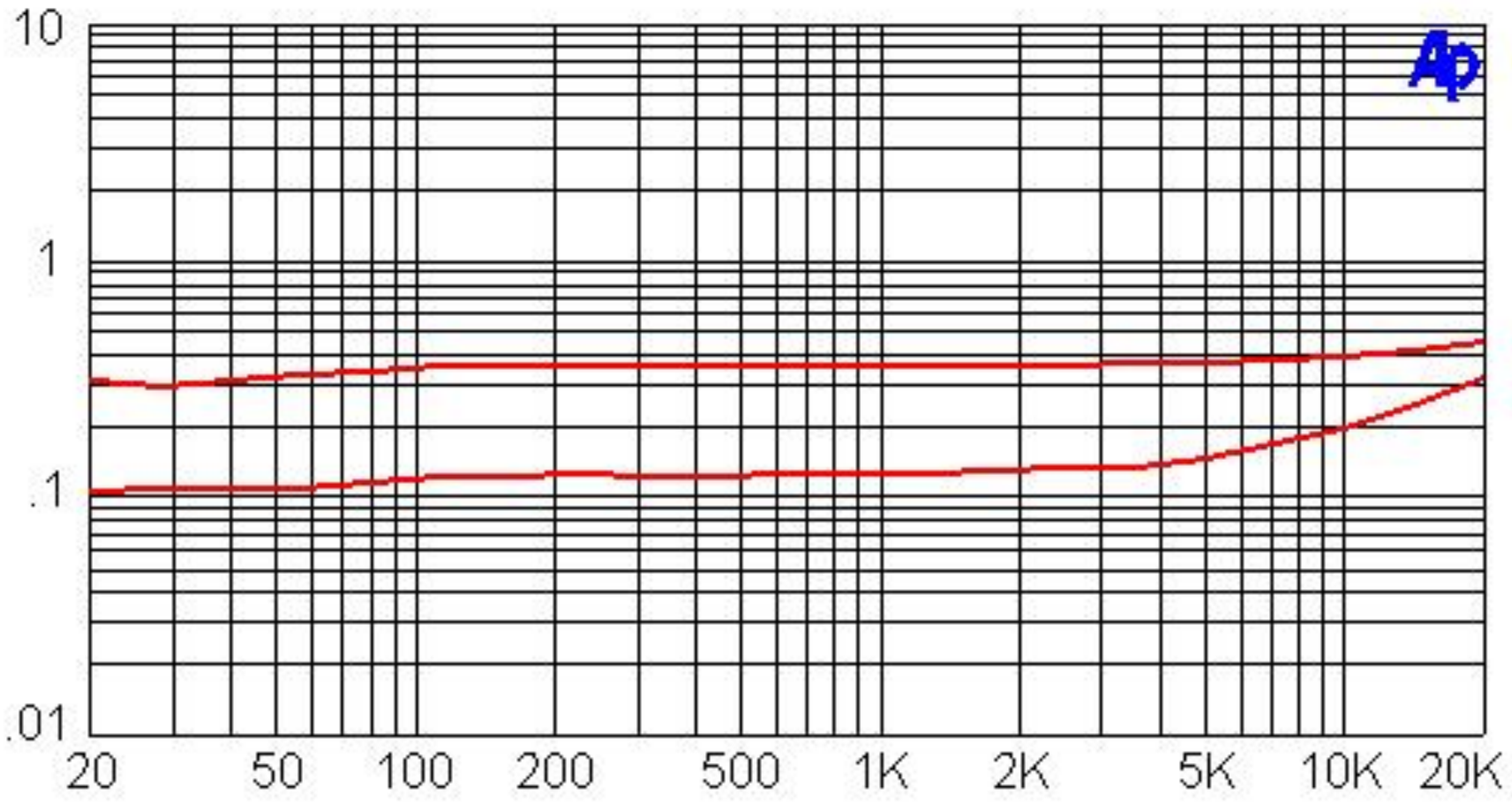



MOSFET AMPLIFIER WITH IXFN140N20P



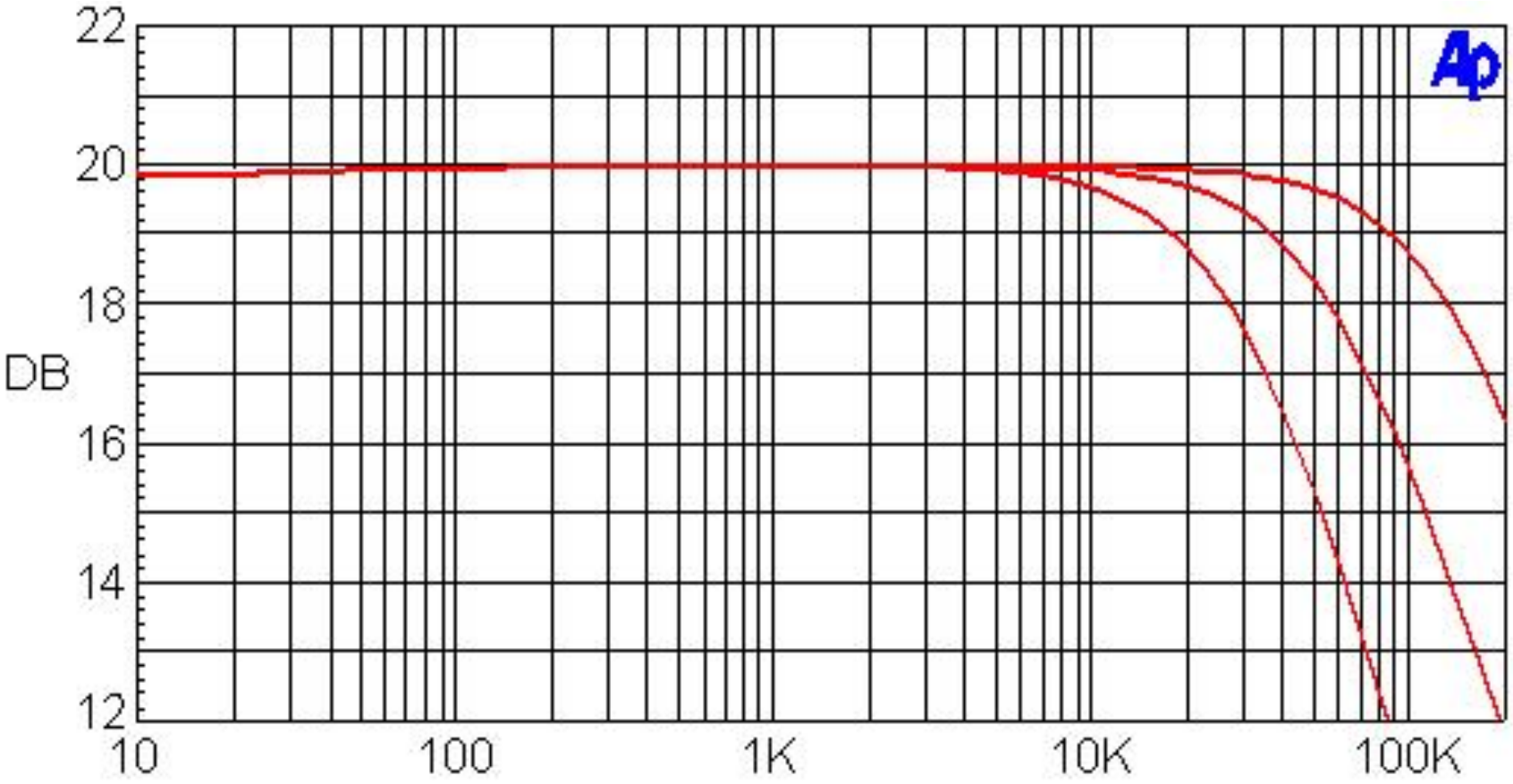

IXFN140N20P AMPLIFIER - DISTORTION VS POWER

8 OHMS 1 KHZ CCS VS MIDDLE TAP




INFN140N20P AMPLIFIER - DISTORTION VS FREQ

1W 8 OHM CCS AND MIDDLE TAP



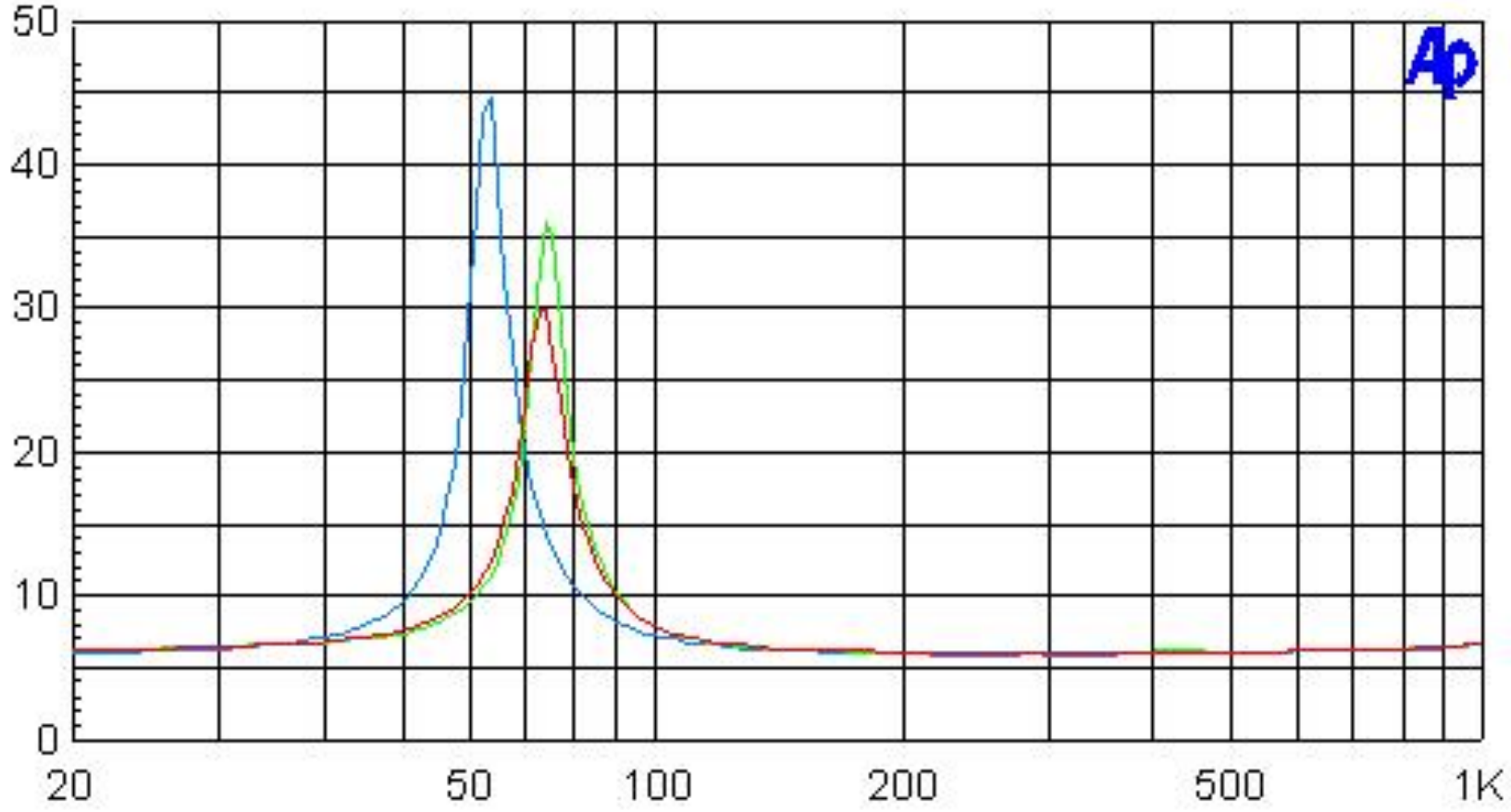

IXSYS IXFN140N20P AMPLIFIER - FREQ RESPONSE

1W 8 OHM MIDDLE TAP 50, 100, 200 OHM SOURCE

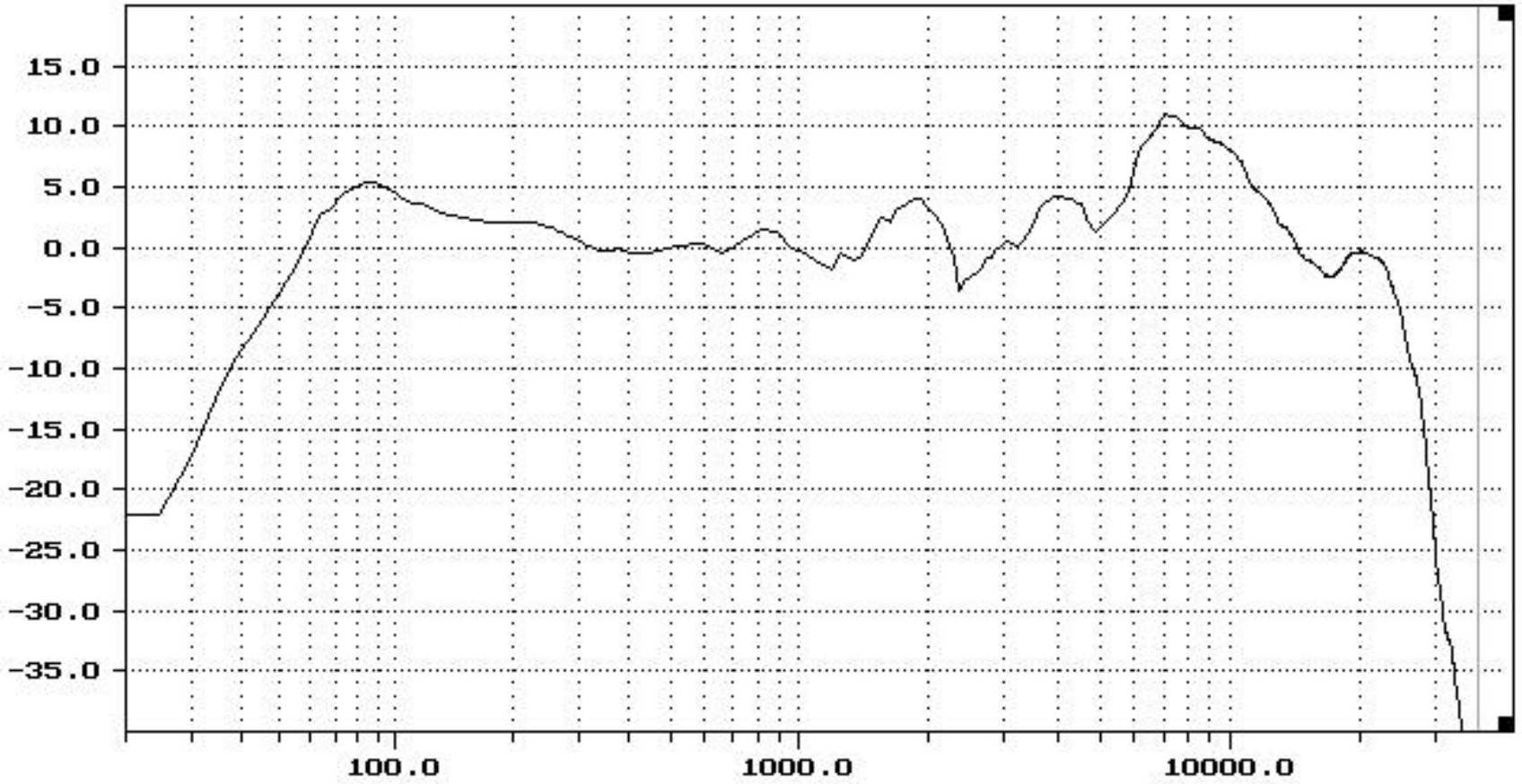
# PART 3

SAL FULL RANGE LOUDSPEAKER

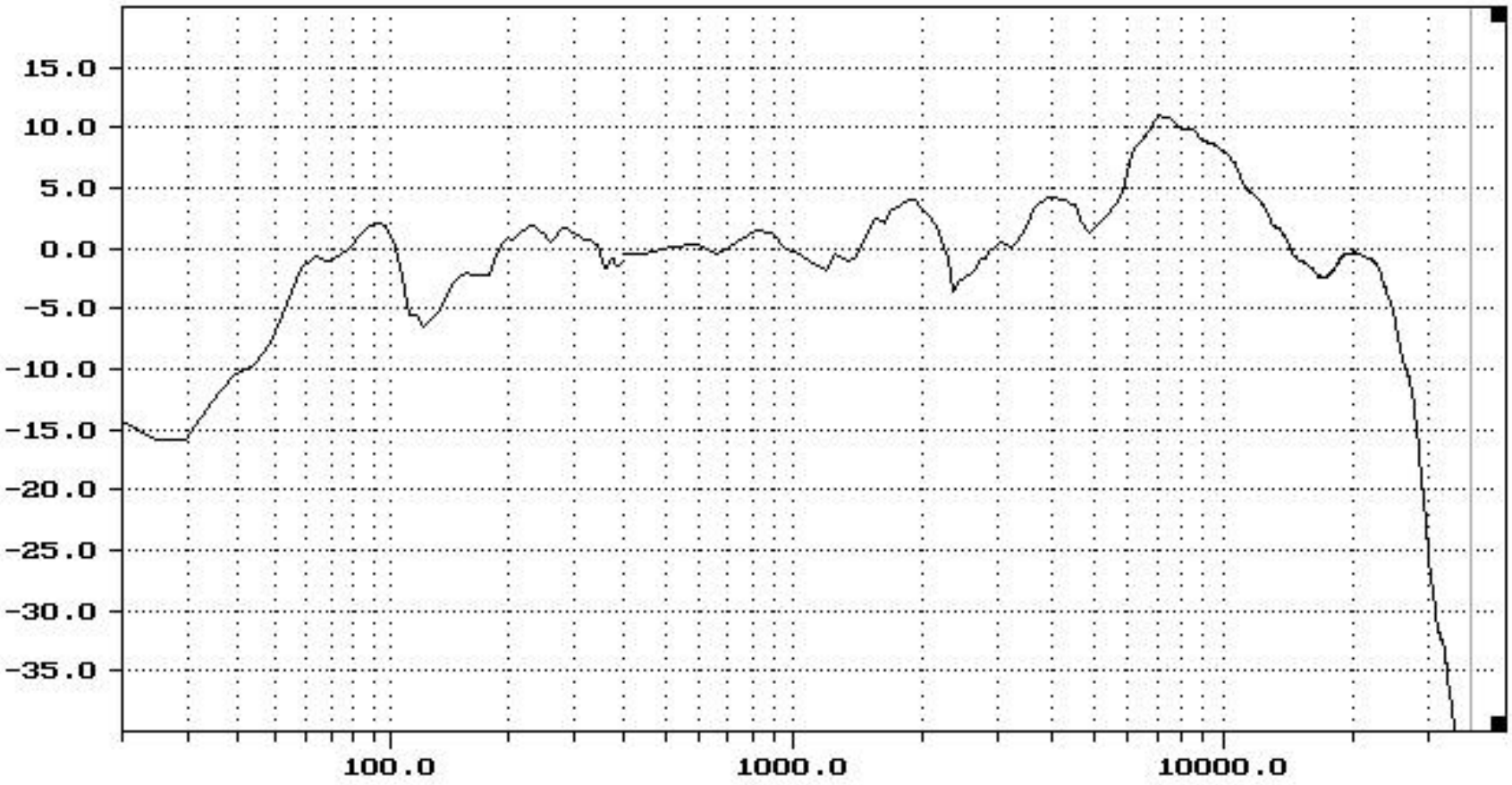

WEIRD
FANTASY



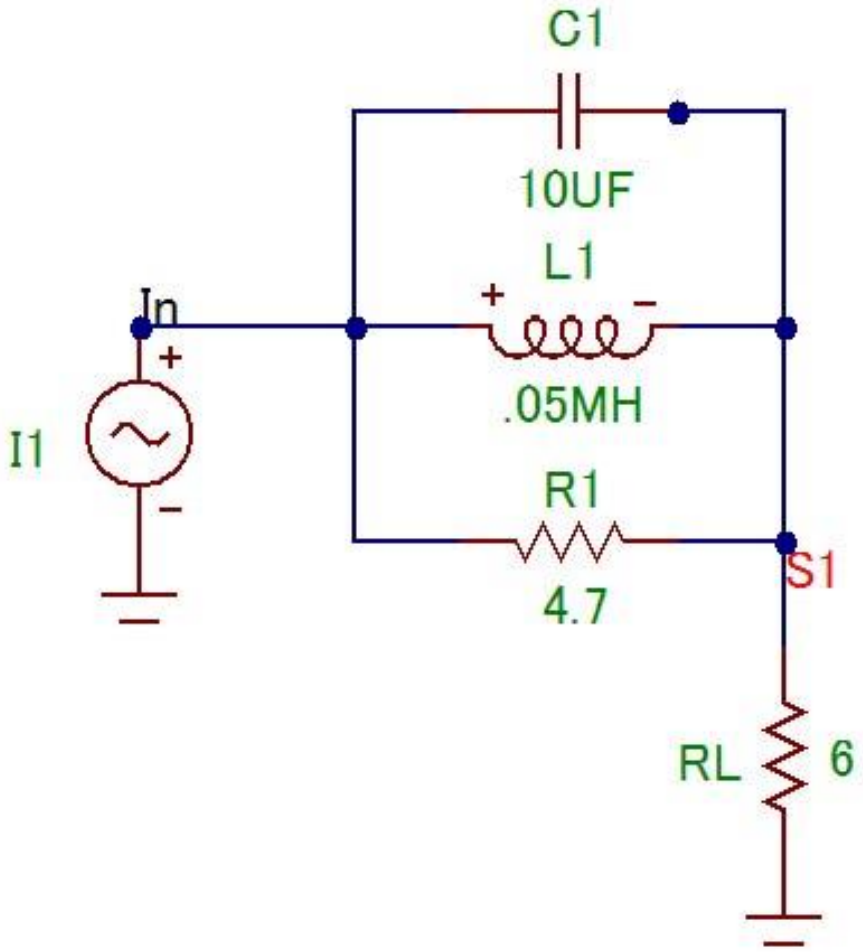

SAL DRIVER IMPEDANCE VS FREQUENCY




SAL RESPONSE @ 1M / NF (400HZ)




SAL RESPONSE @ 1M


C1
10UF
L1
+
-
In
.05MH
+
I1
-
R1
4.7
S1
RL
6