transient
simulation
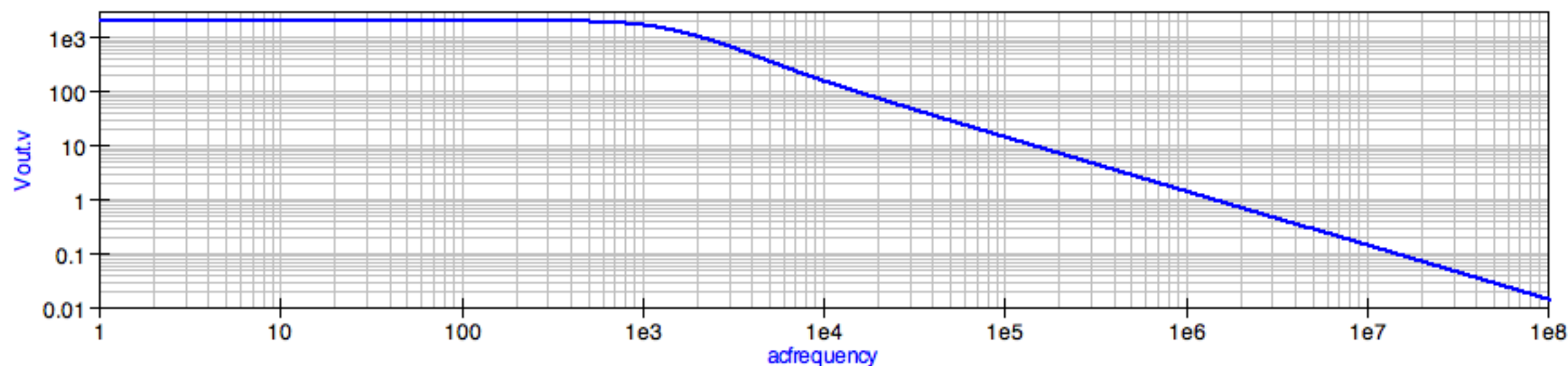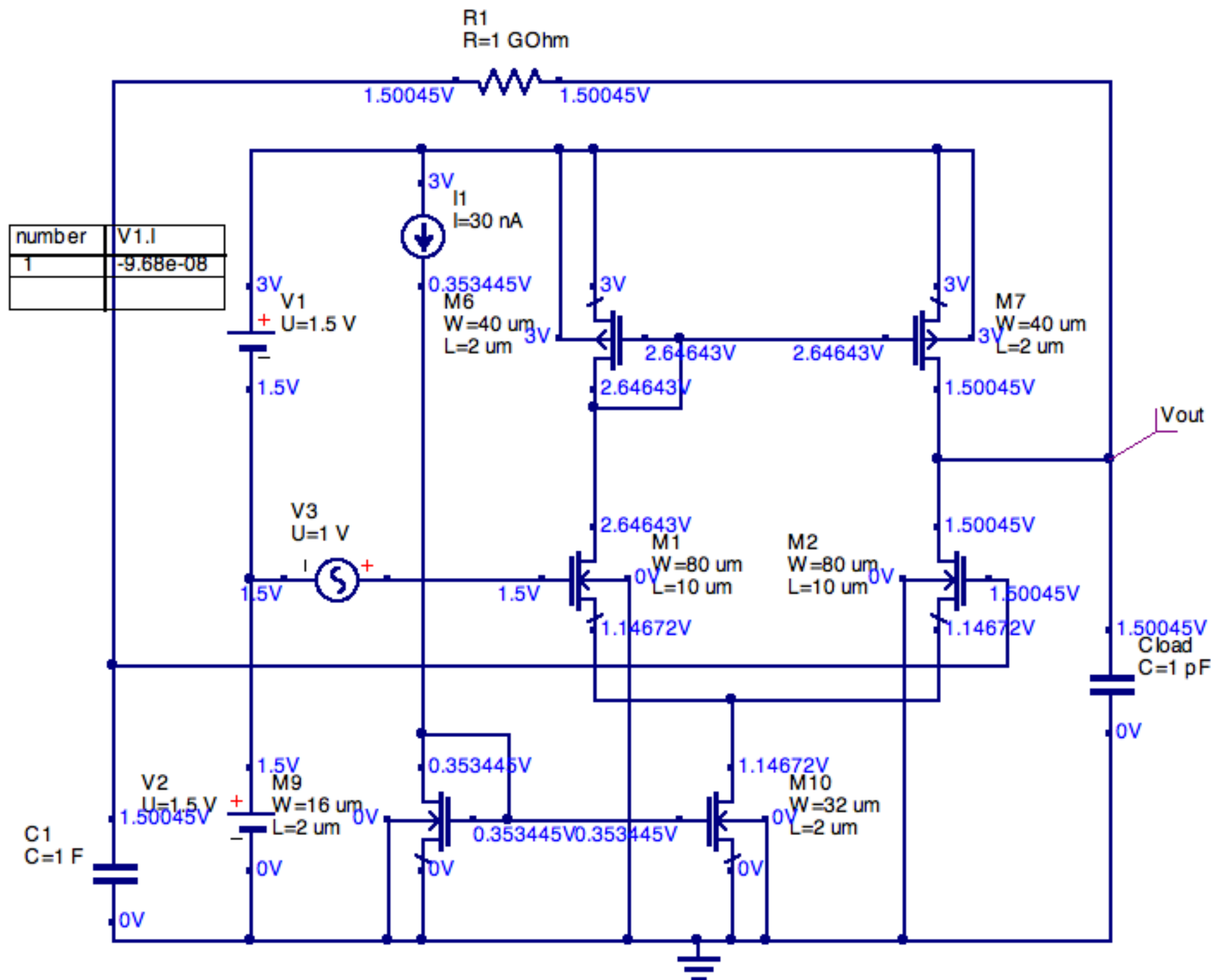
TR1
Type=lin
Start=0
Stop=2 ms
Points=1001

ac simulation

AC1
Type=log
Start=1 Hz
Stop=100 MHz
Points=800

dc simulation

DC1
saveOPs=yes
saveAll=no

R1
R=1 GOhm

1.50045V   1.50045V

number	V1.I
1	-9.68e-08

I1
I=30 nA
3V

V1
U=1.5 V
3V
1.5V

3V
M6
W=40 um
L=2 um
0.353445V
2.64643V   2.64643V
2.64643V

M7
W=40 um
L=2 um
3V
1.50045V

Vout

V3
U=1 V
1.5V   1.5V

2.64643V
M1
W=80 um
L=10 um
0V
1.14672V

M2
W=80 um
L=10 um
0V
1.14672V

1.50045V
1.50045V

1.50045V
Cload
C=1 pF
0V

V2
U=1.5 V
1.5V
M9
W=16 um
L=2 um
0.353445V
0V
0V
0.353445V 0.353445V

1.14672V
M10
W=32 um
L=2 um
0V
0V

C1
C=1 F
1.50045V
0V

0V

acfrequency	Vout.v
1.2e6	1.25 / -90.1°
1.22e6	1.23 / -90.1°
1.25e6	1.2 / -90.1°
1.28e6	1.17 / -90.1°
1.31e6	1.14 / -90.1°
1.34e6	1.12 / -90.1°
1.37e6	1.09 / -90.1°
1.41e6	1.07 / -90.1°
1.44e6	1.04 / -90.1°
1.47e6	1.02 / -90.1°
1.51e6	0.996 / -90.1°
1.54e6	0.974 / -90.1°
1.58e6	0.952 / -90.1°
1.61e6	0.93 / -90.1°