

#### NGSPICE

```
.temp 27
.control
option sparse
save all
op
write measurement_amplifier.raw
set appendwrite
ac dec 101 1k 1G
let vout_db=20*log(mag(vout))
write measurement_amplifier.raw
.endc
```



$v_{out}$  (dB)



→ simulate

→ annotate OP

→ load waves

#### MODEL

```
.lib cornerMOSlv.lib mos_tt
```



Copyright 2024 Harald Pretl  
measurement\_amplifier.sch

2024-11-21 16:02:38