

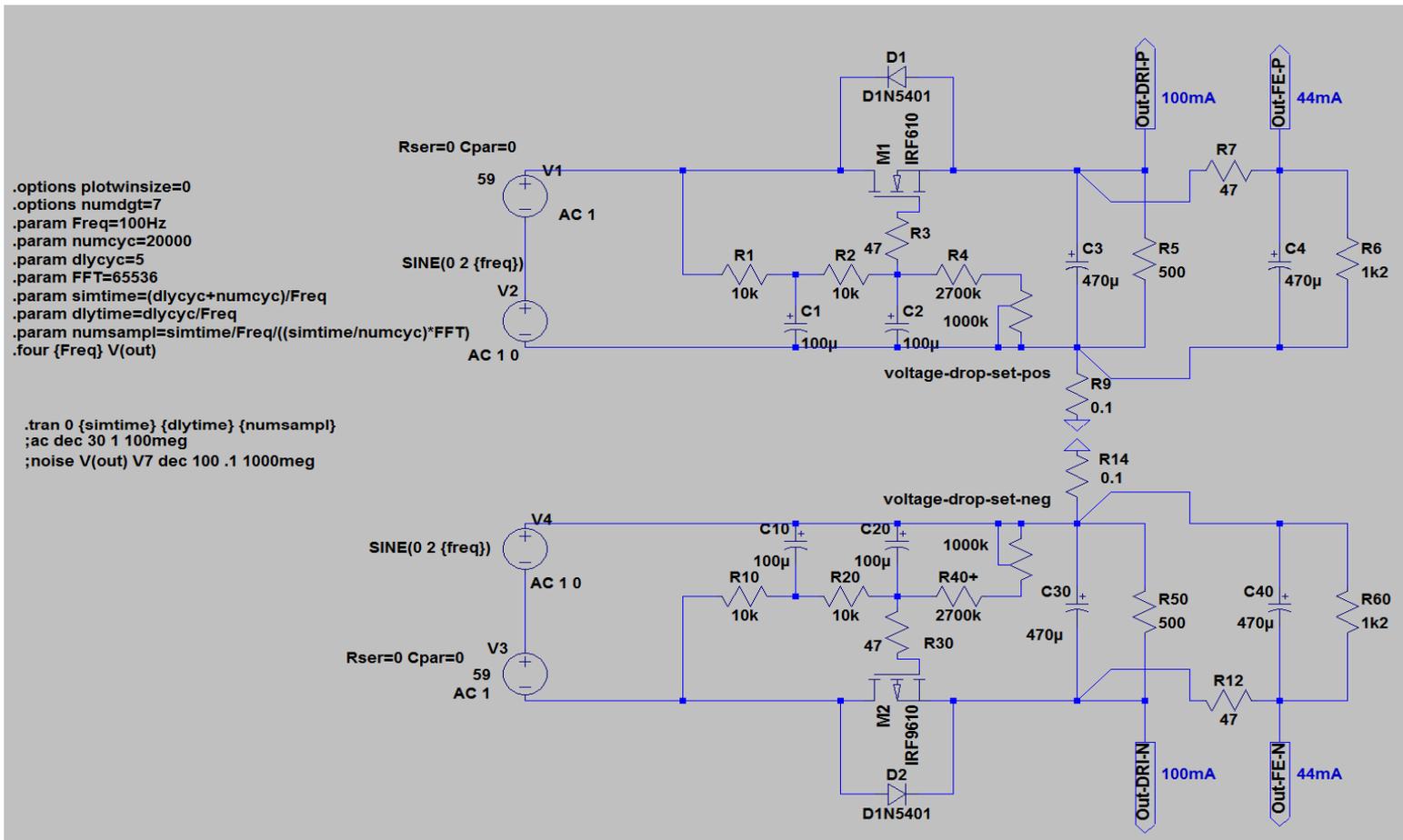
Mosfet gives much better regulation than darlington BJT

With Mosfet it is much easier to achieve good 100Hz suppression.

Voltage drop is bigger with mosfet, but I have 9Vdc extra for the front end and driver section

An extra drop of 2V is needed for the front end compared to the driver section, this to not saturate the driver and OPS during clipping.

==> nice clipping behaviour

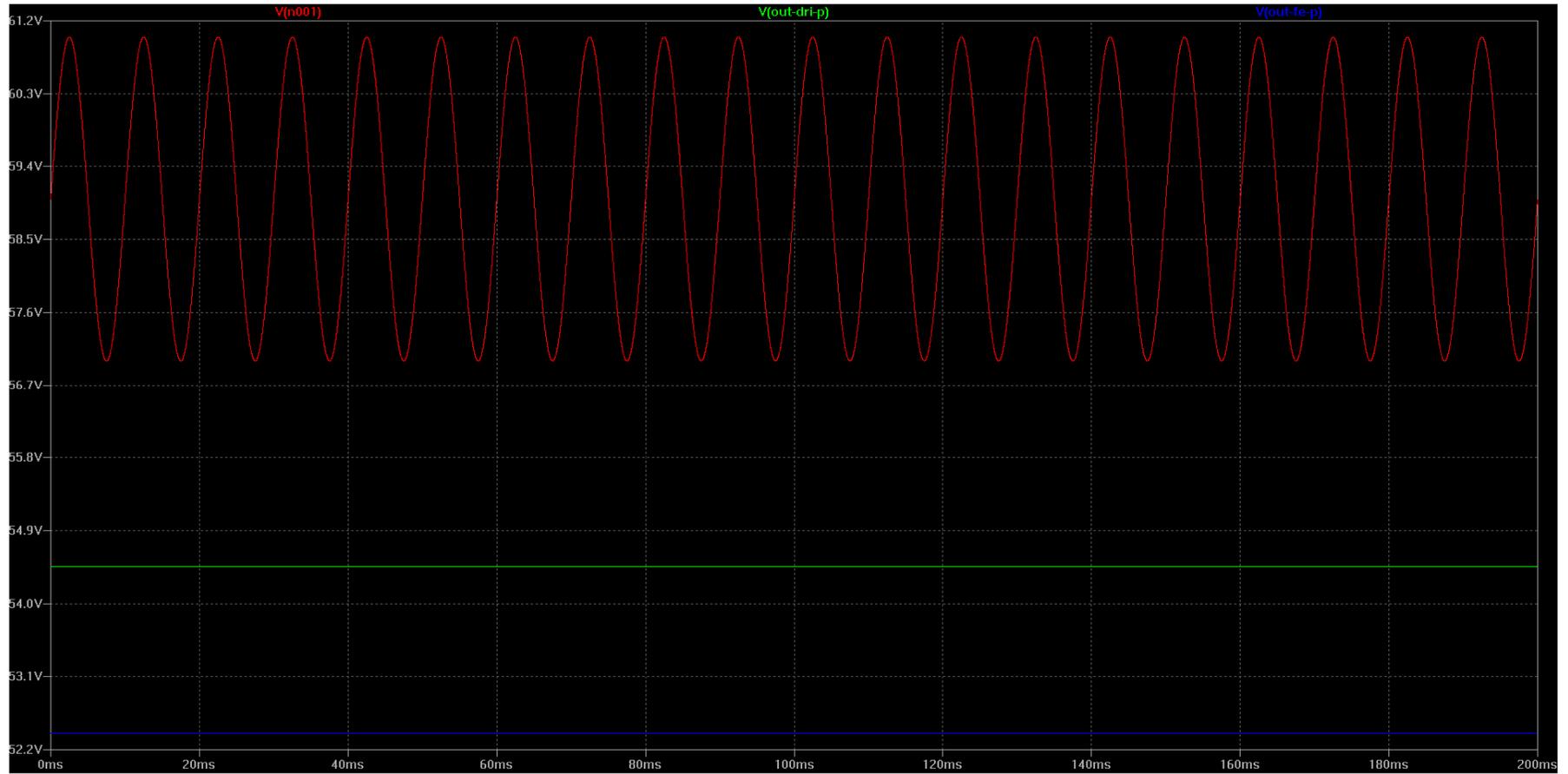


Driver section: 100Hz = -110dB

Front end: 100Hz = -140dB



Simulated with 4Vpp 100Hz ripple on input
Output is positive driver and front end supply



Output voltage for positive driver section (again with 4Vpp 100Hz ripple on input)

