

Figure 1 Three stage op-amp

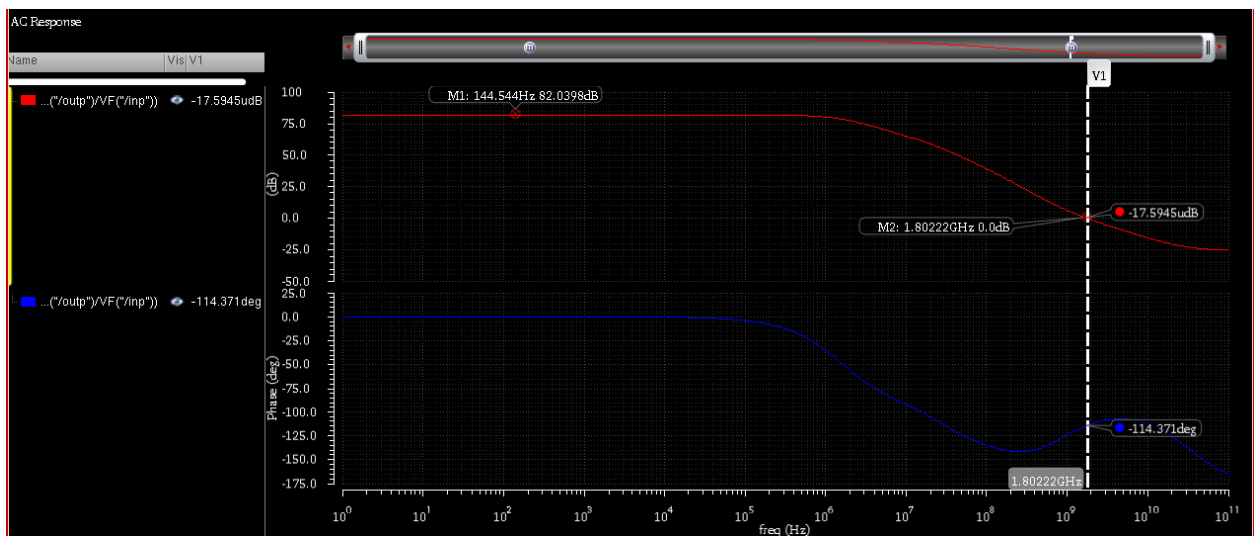


Figure 2 ac-response of the op-amp

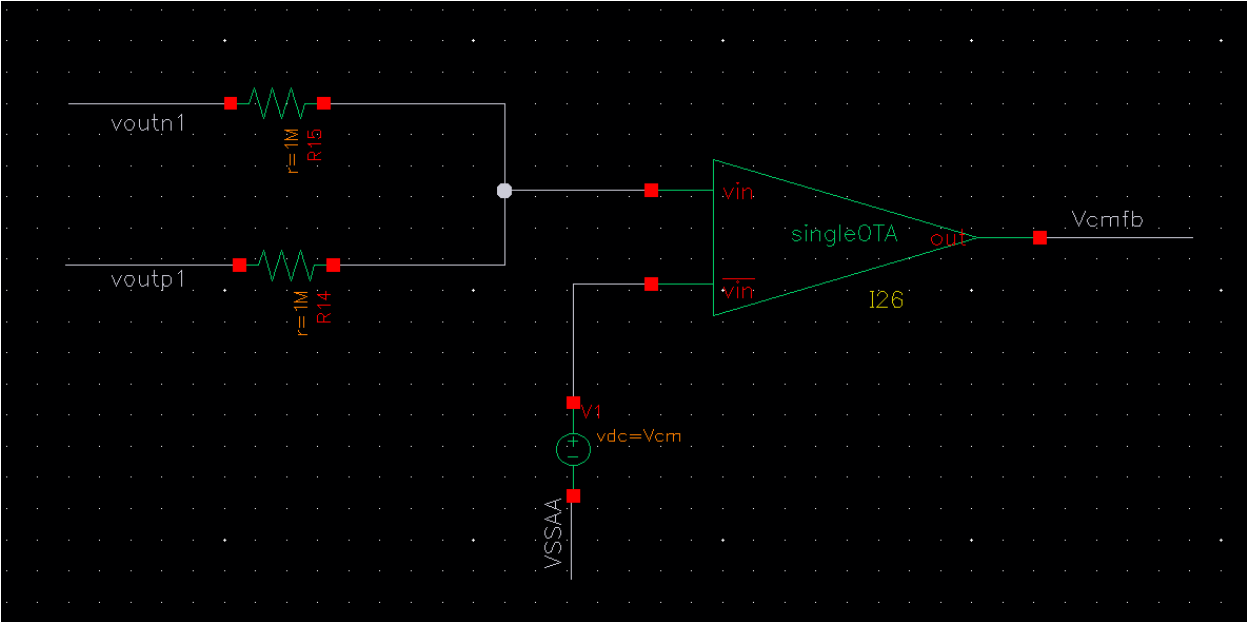


Figure 3 CMFB

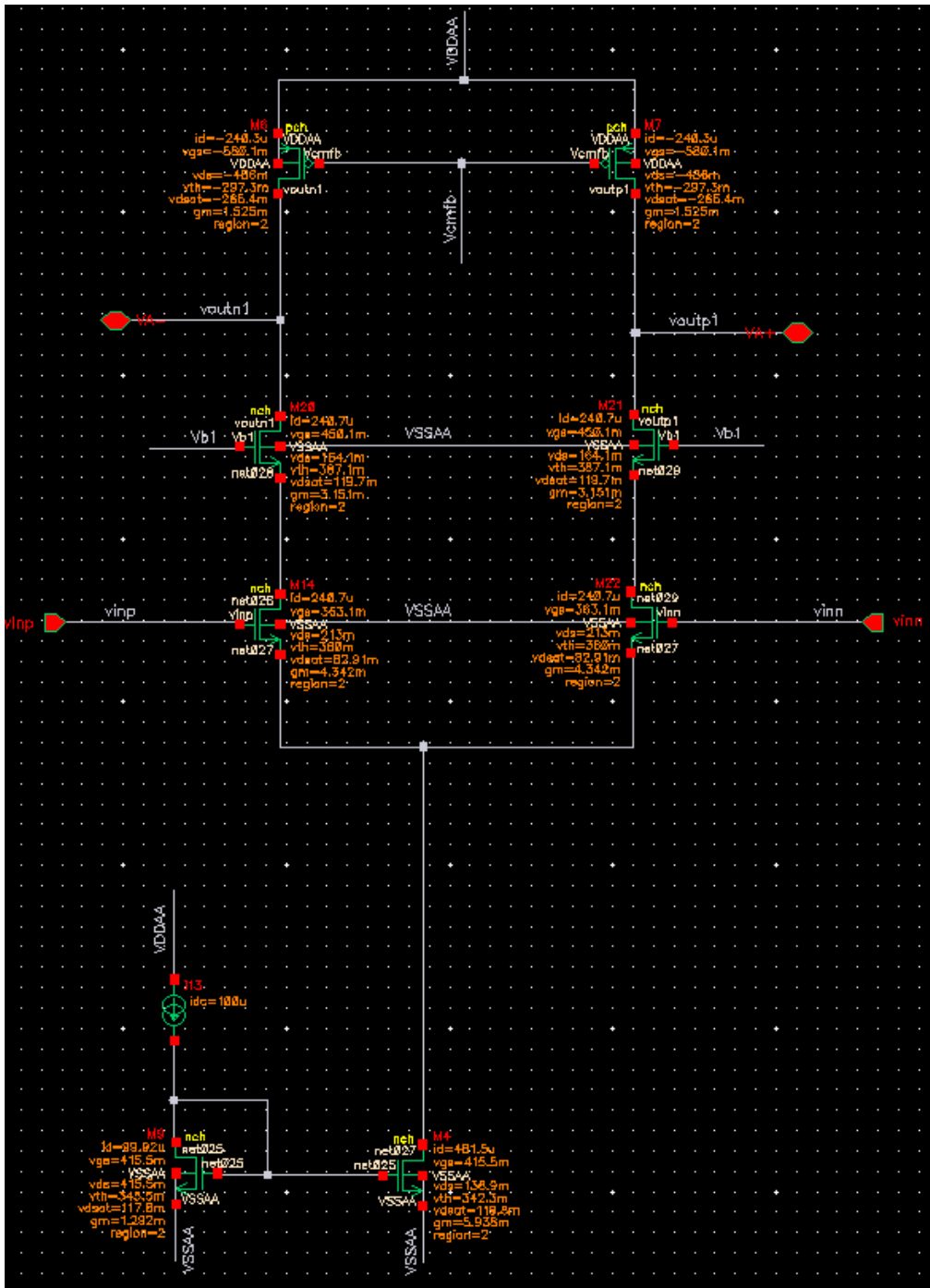


Figure 4 gm1 shown in Figure1

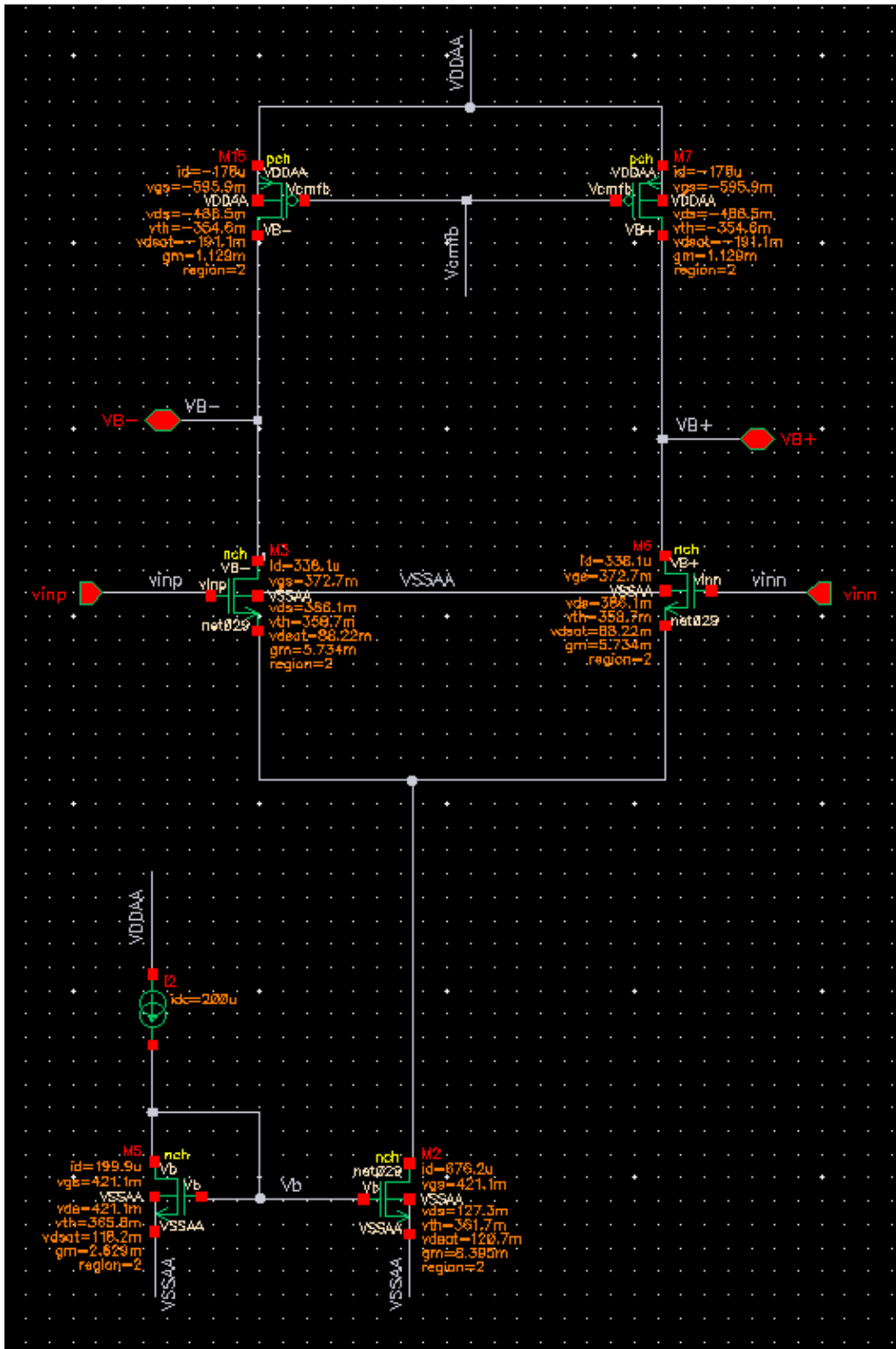


Figure 5 gmp2 shown in Figure1

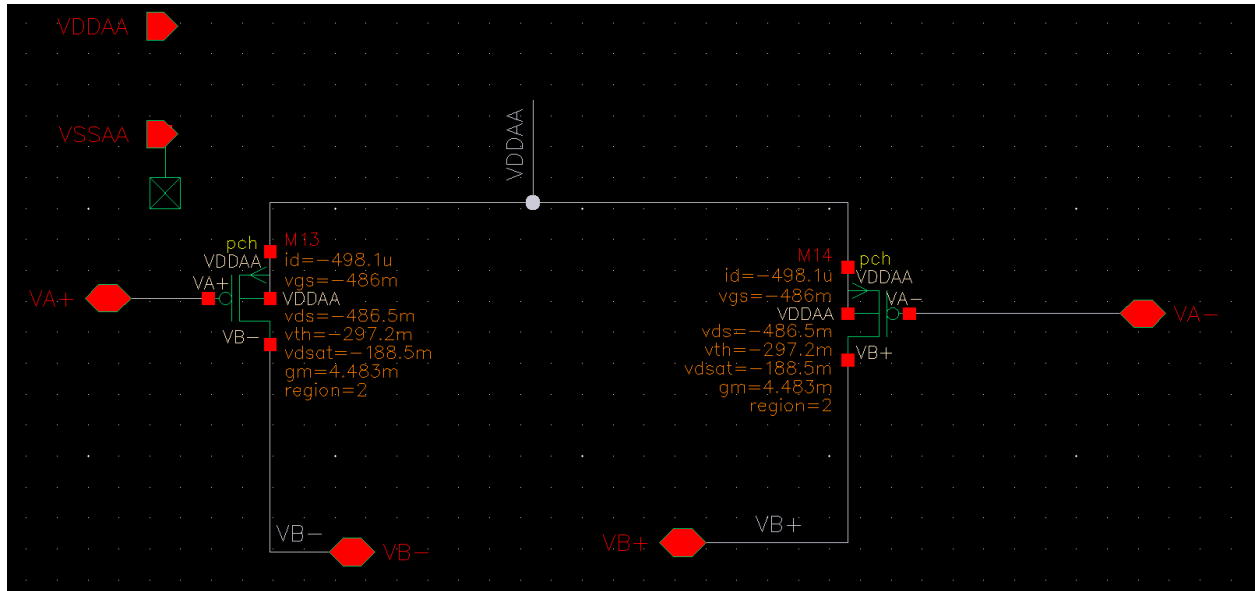


Figure 6 gm2 shown in Figure1

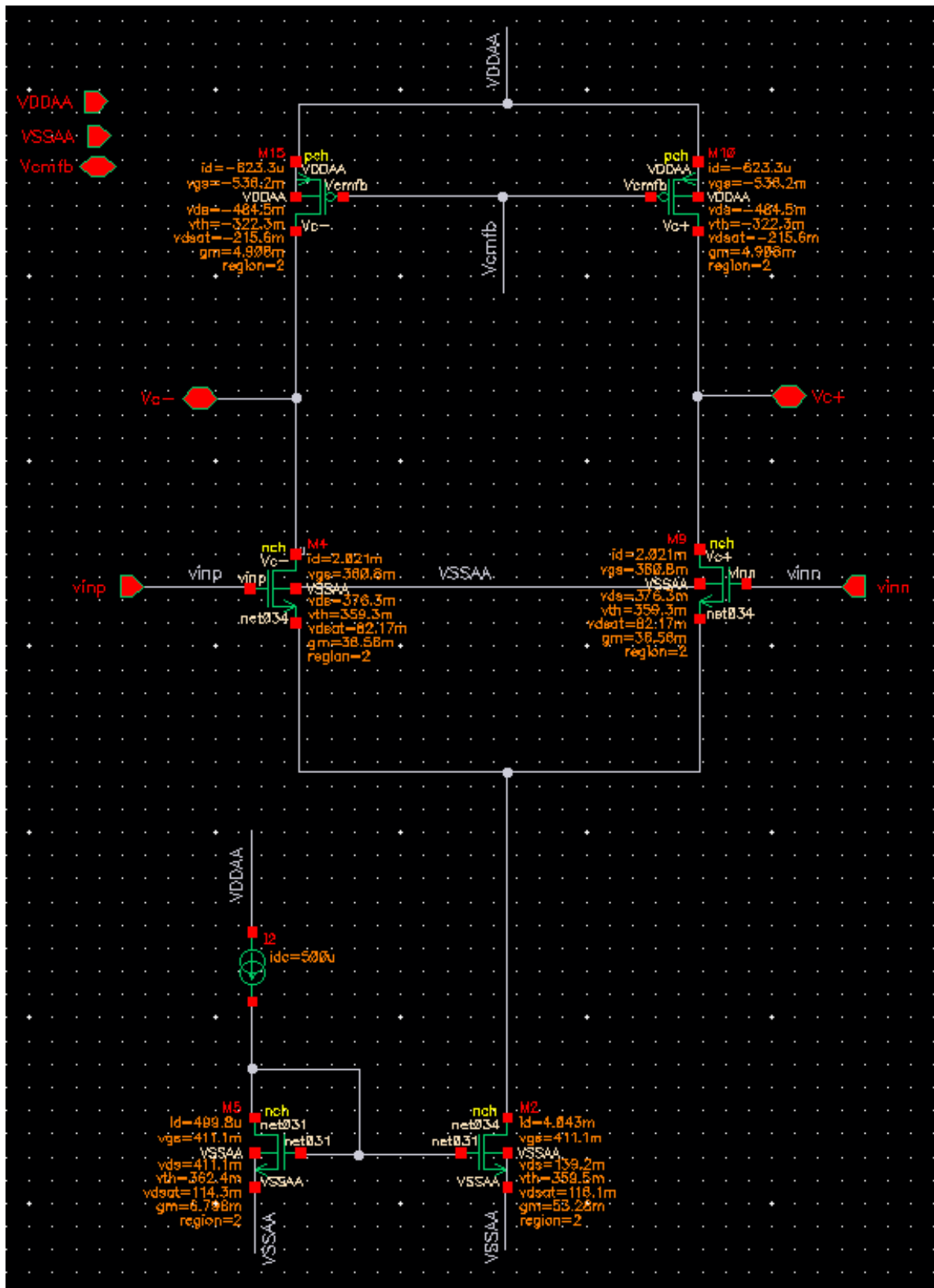


Figure 7 gmp3 shown in Figure1

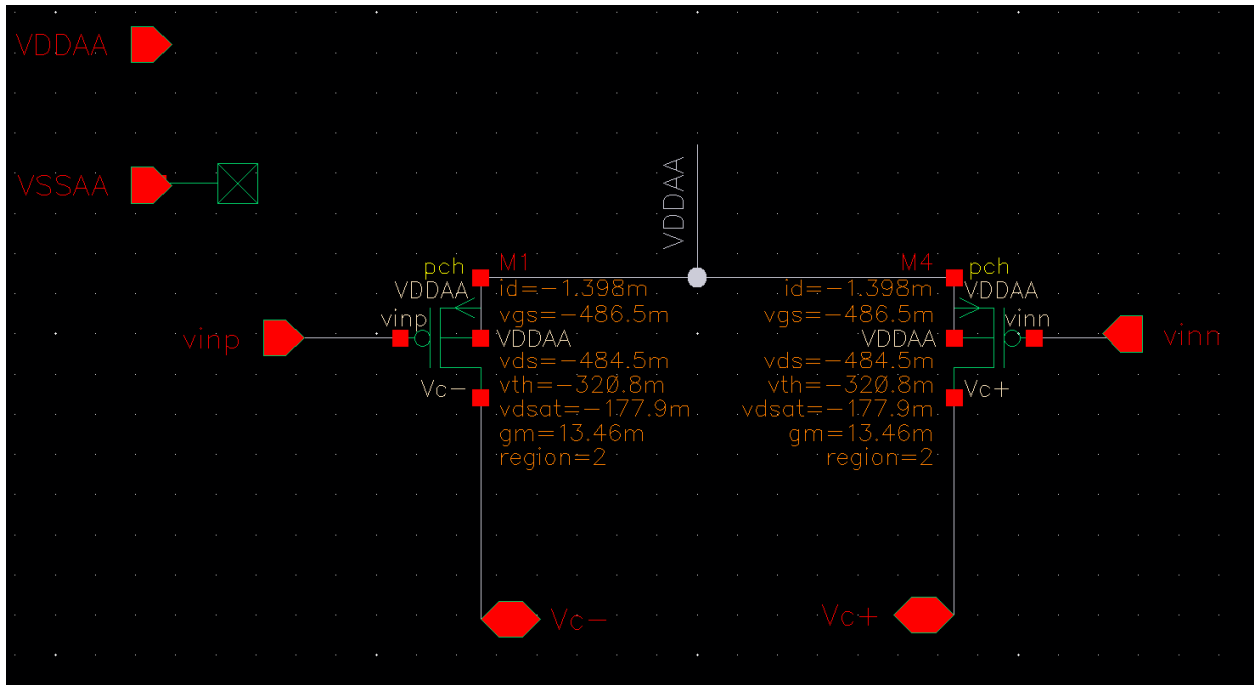


Figure 8 gm3 shown in Figure1

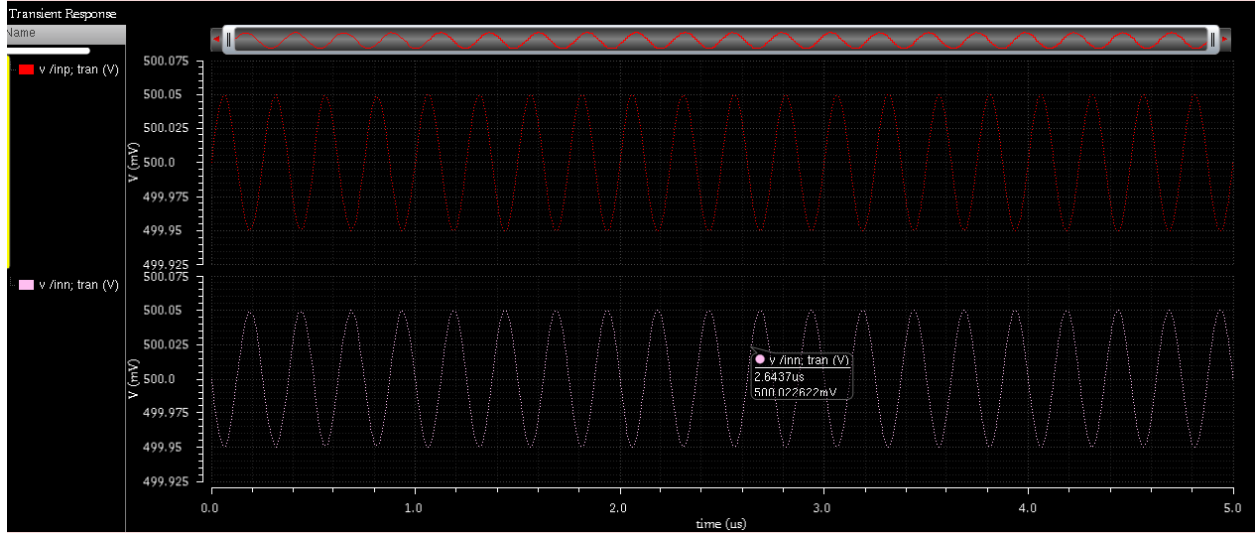


Figure 9 input transient signal

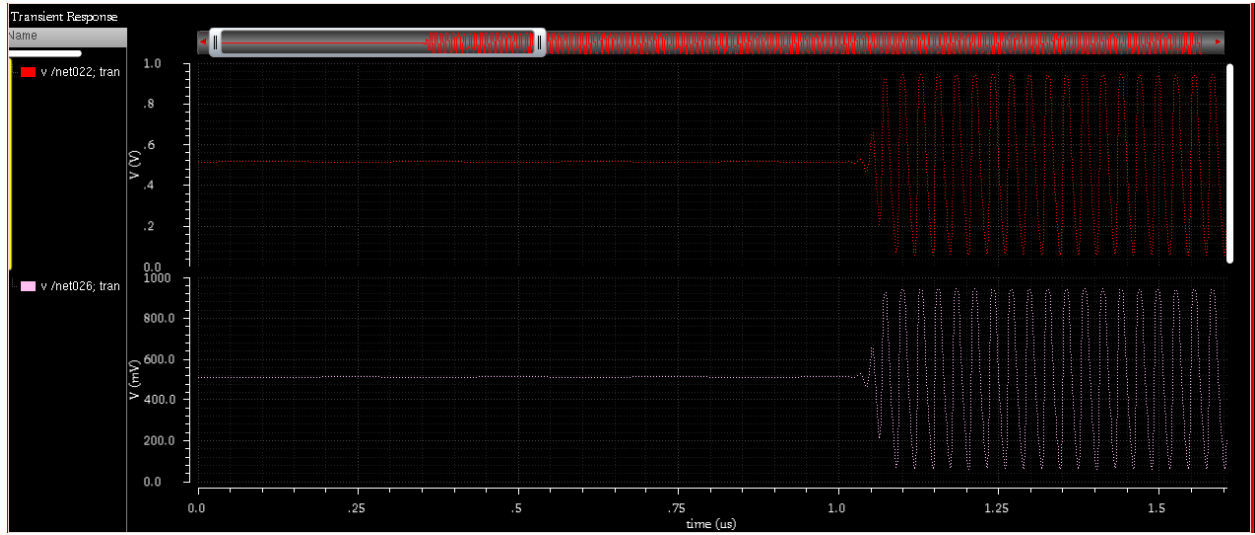


Figure 10 transient signal at the output of gm1



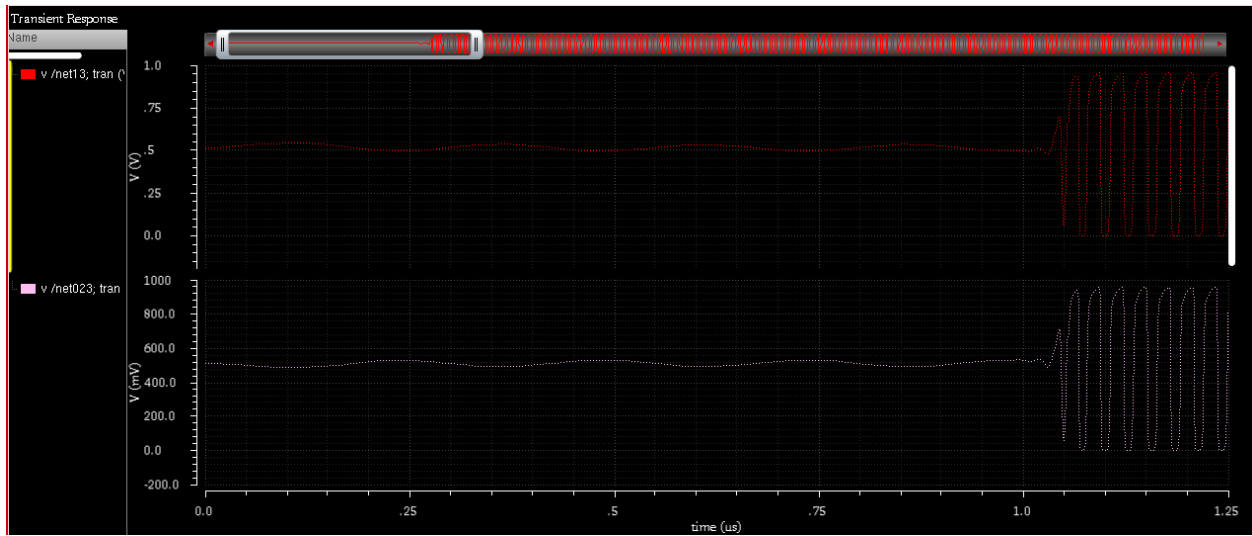


Figure 11 transient signal a the output of gm2 (gmp2)

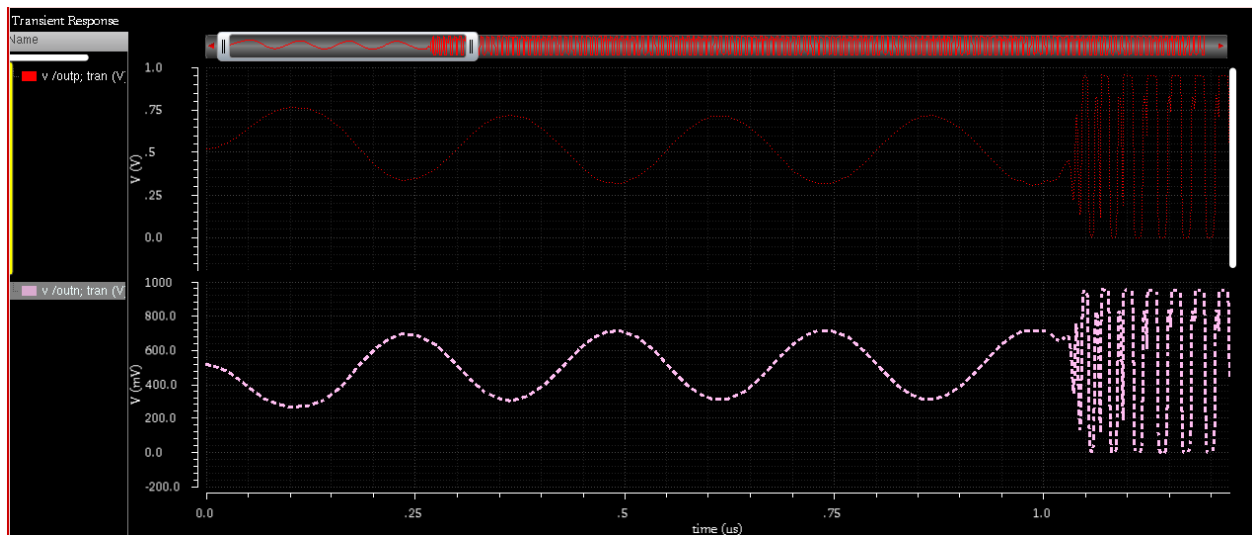


Figure 12 transient signal a the output of gm3 (gmp3)