

AC Analysis of two stage OTA

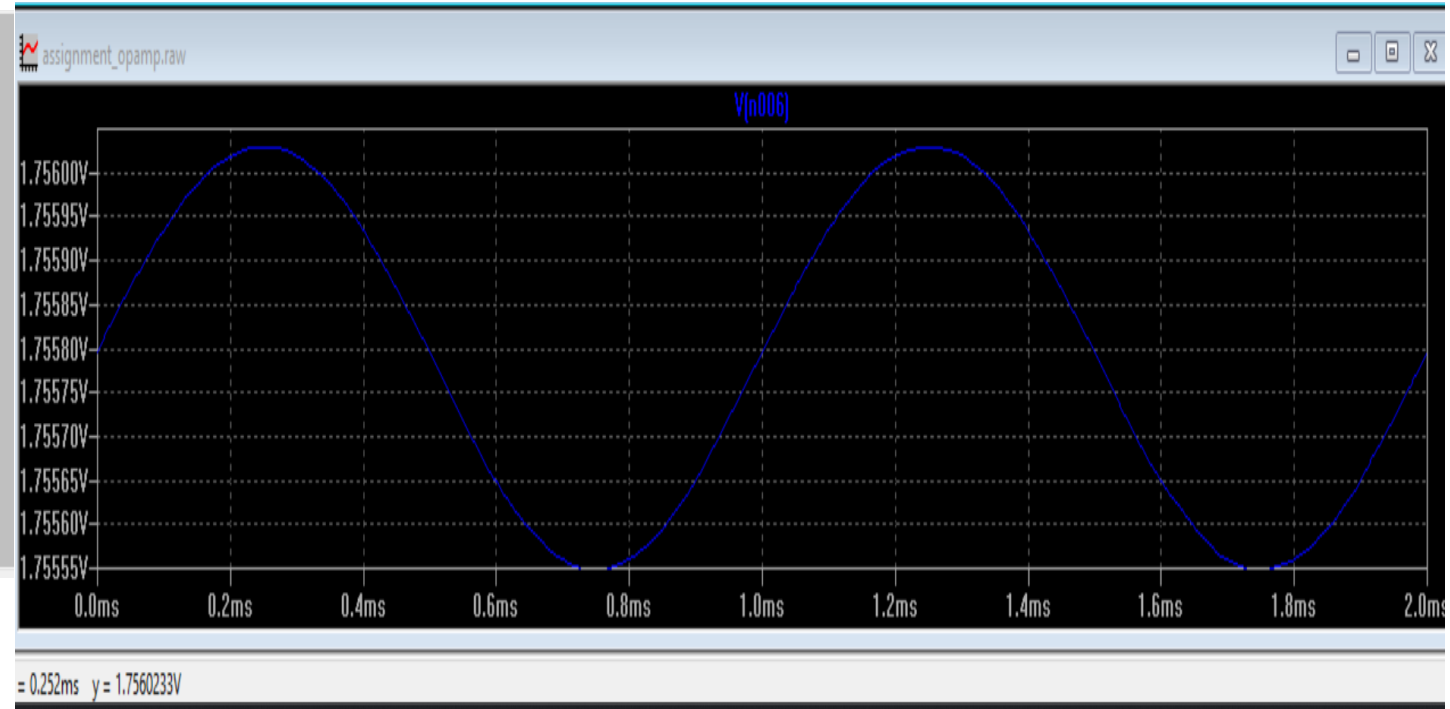
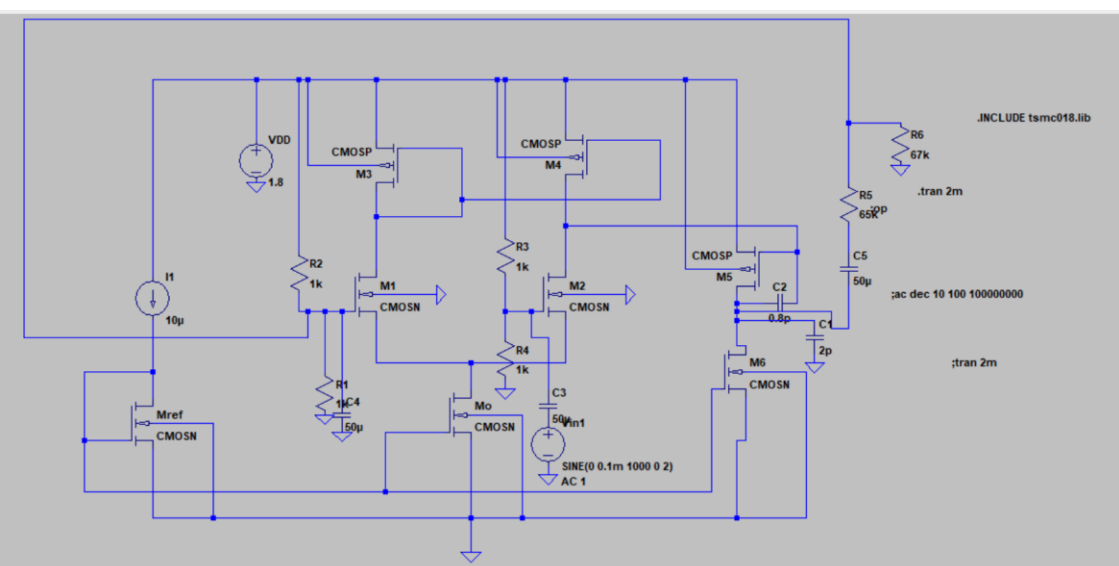
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Closed loop gain (gain=2)

Circuit of closed loop

$$A = (1.7560233 - 1.755550) / 0.0002$$

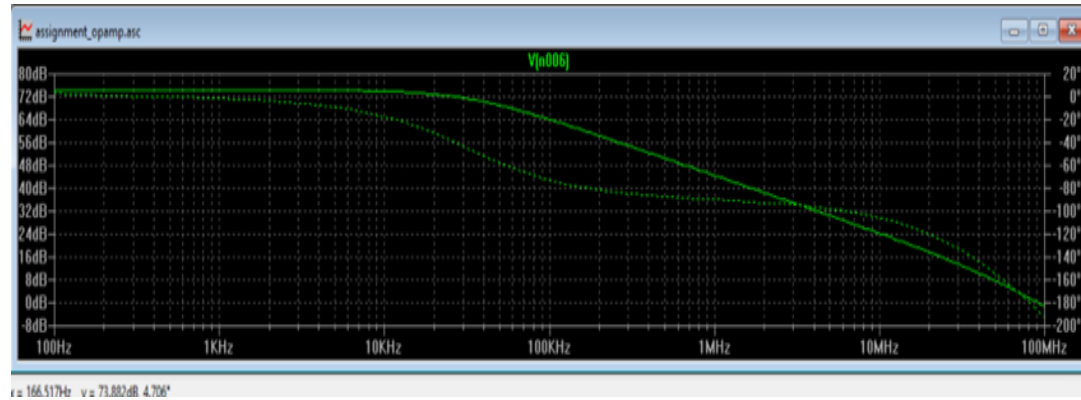
$$A = 2.36$$



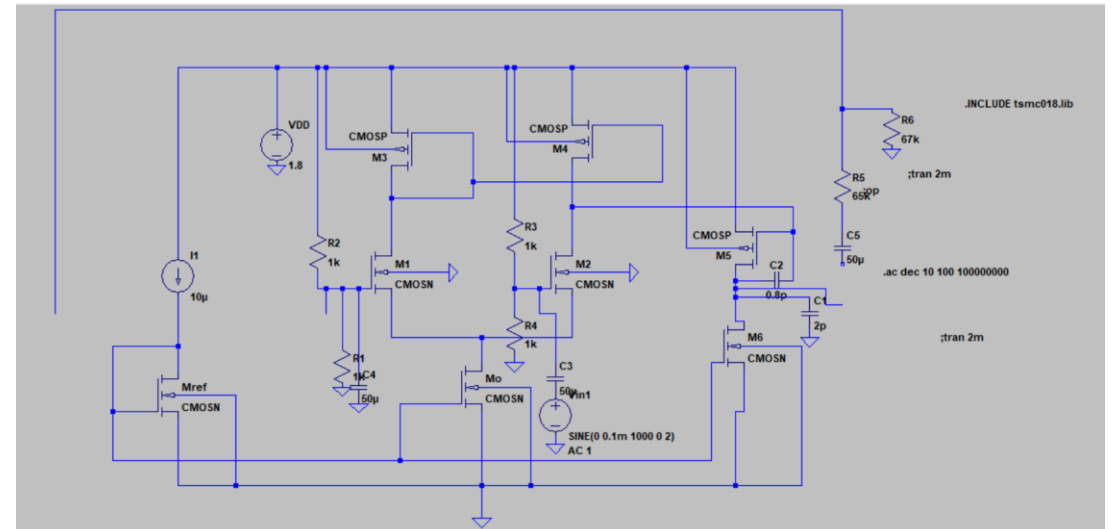
Frequency Response of open loop

73.88 dB

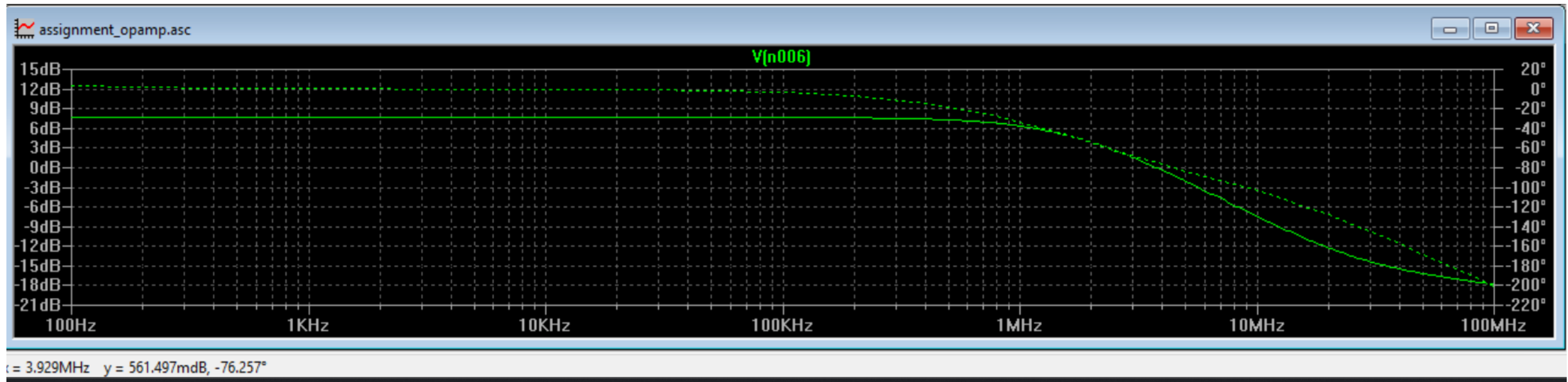
Magnitude plot



Open loop circuit



Phase Margin (Closed loop)
phase margin = $180 - 76.257$ degree
phase margin = 103 degree



- Output of step input

