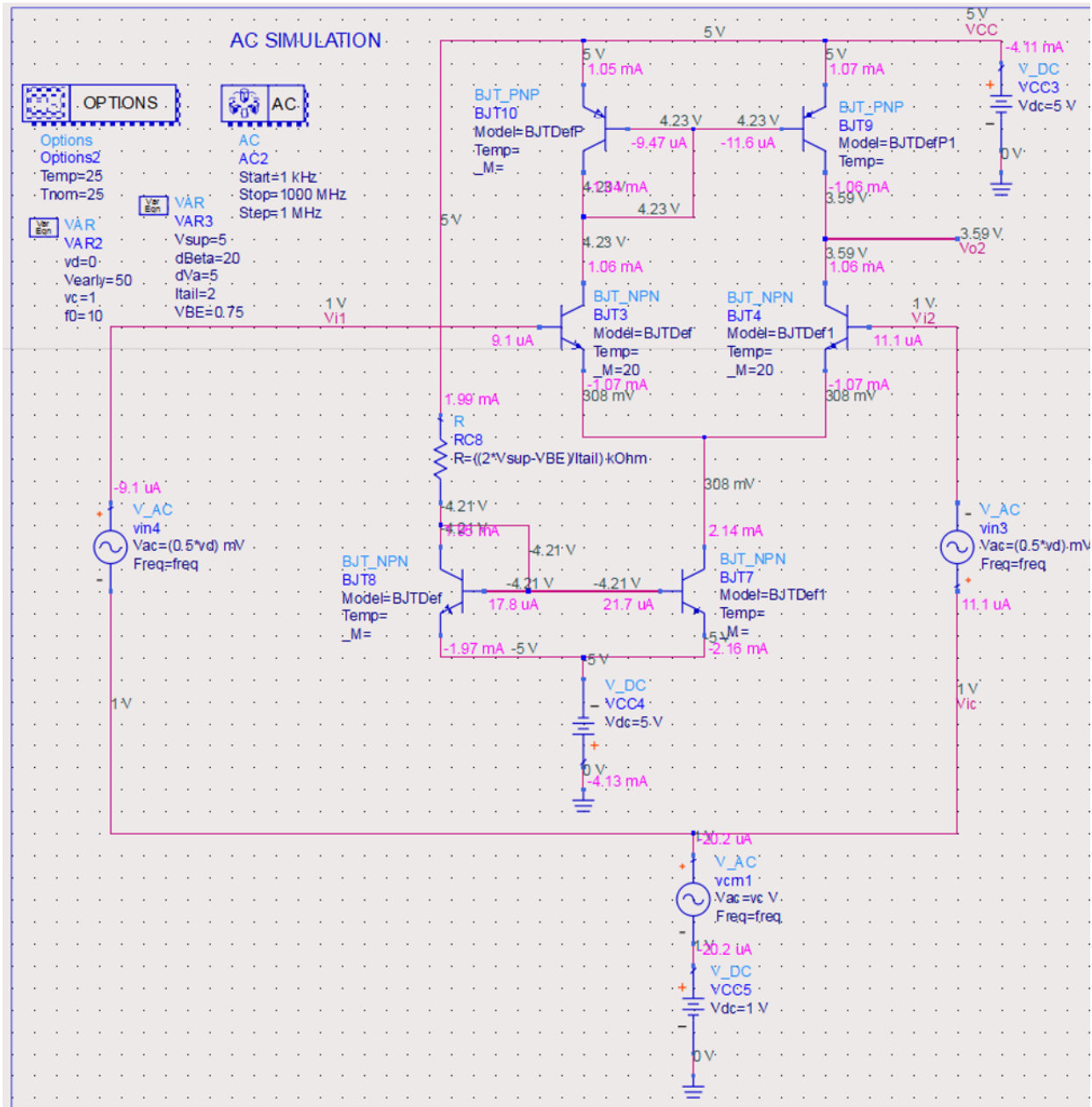
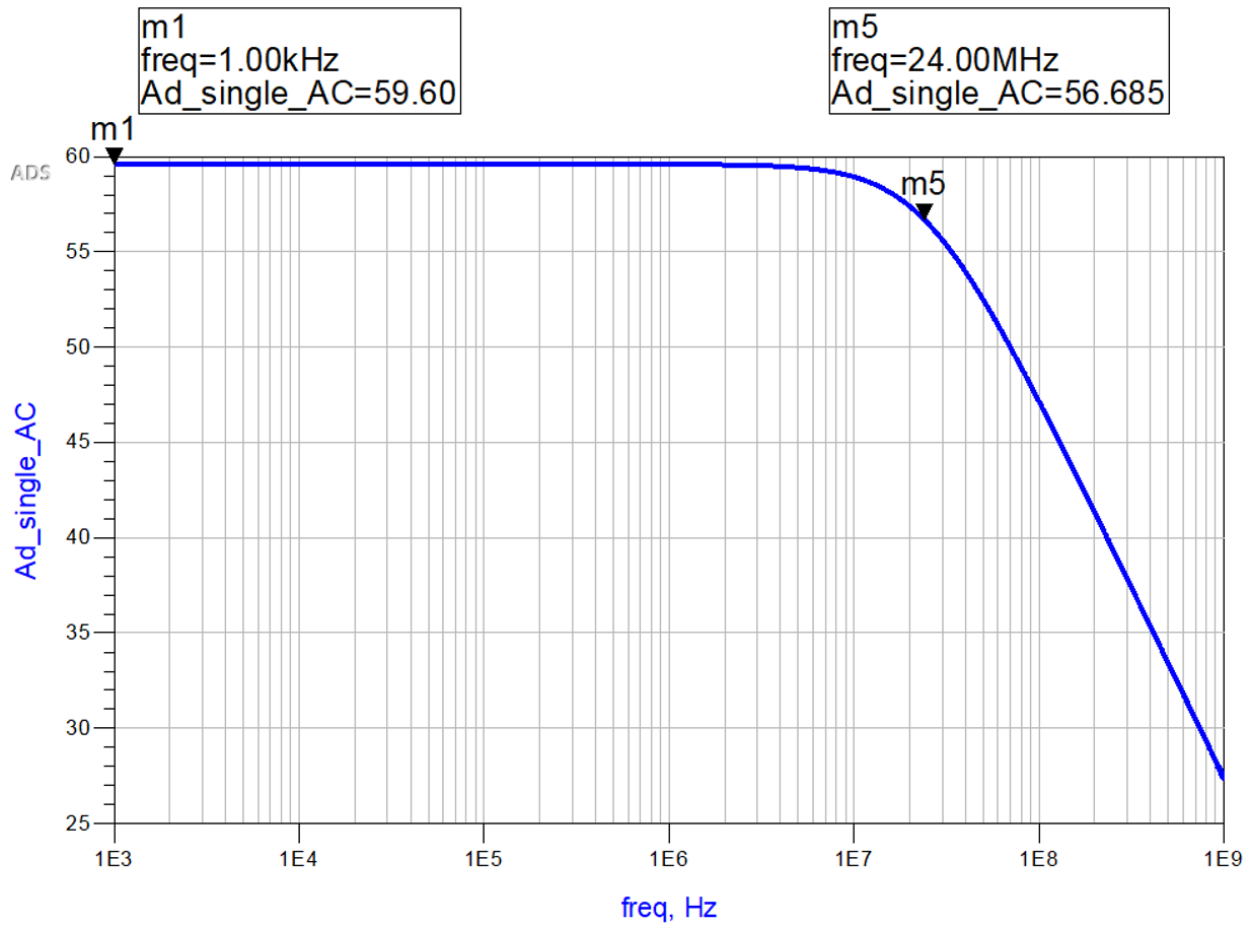


## Laboratory Session Example using ADS

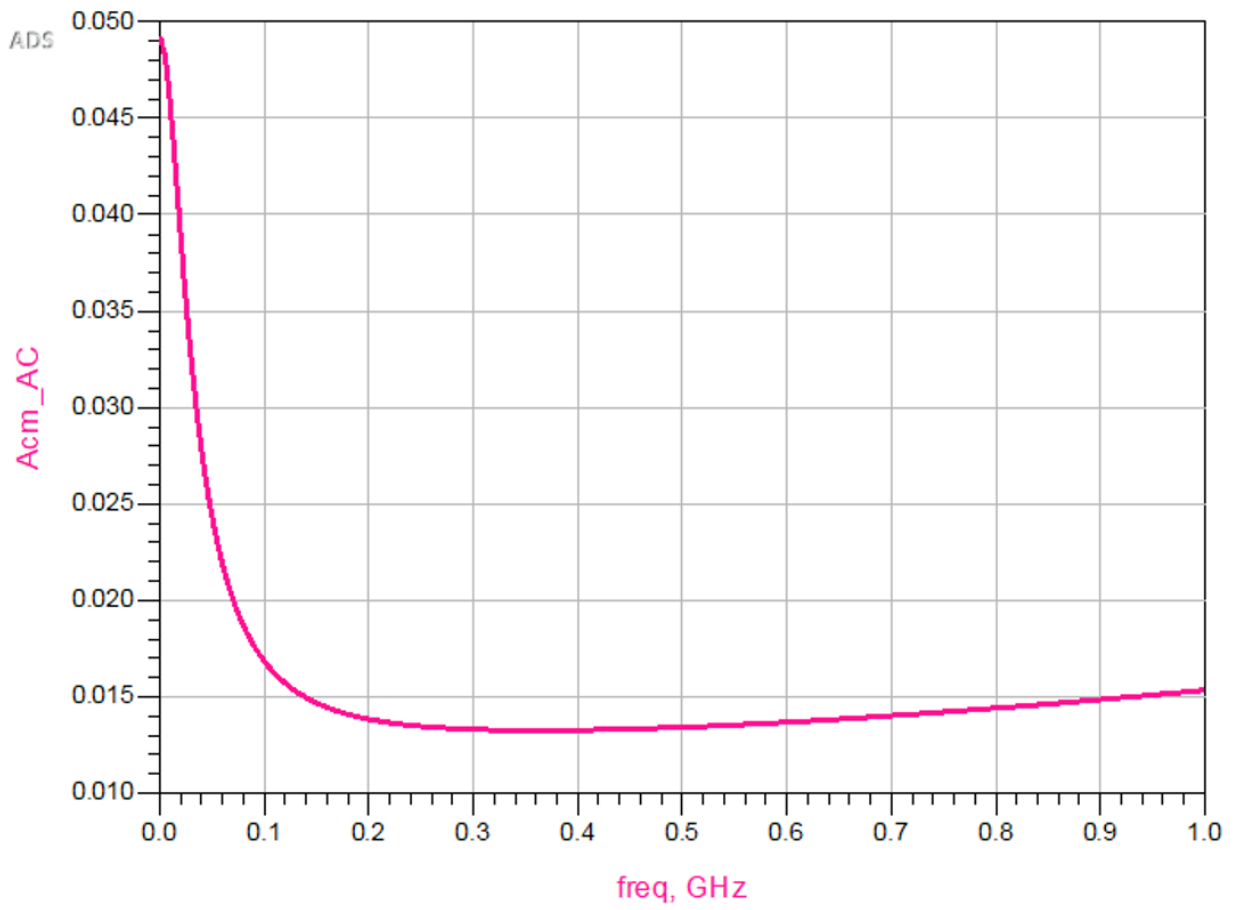
The following results have been simulated using **Keysight's ADS** EDA tool. The circuit schematic for an Emitter-coupled Pair is shown along with differential and common-mode gain results:



### AC simulation: Ad



## AC simulation: Acm



Transient simulation results with mismatch on device and components:

