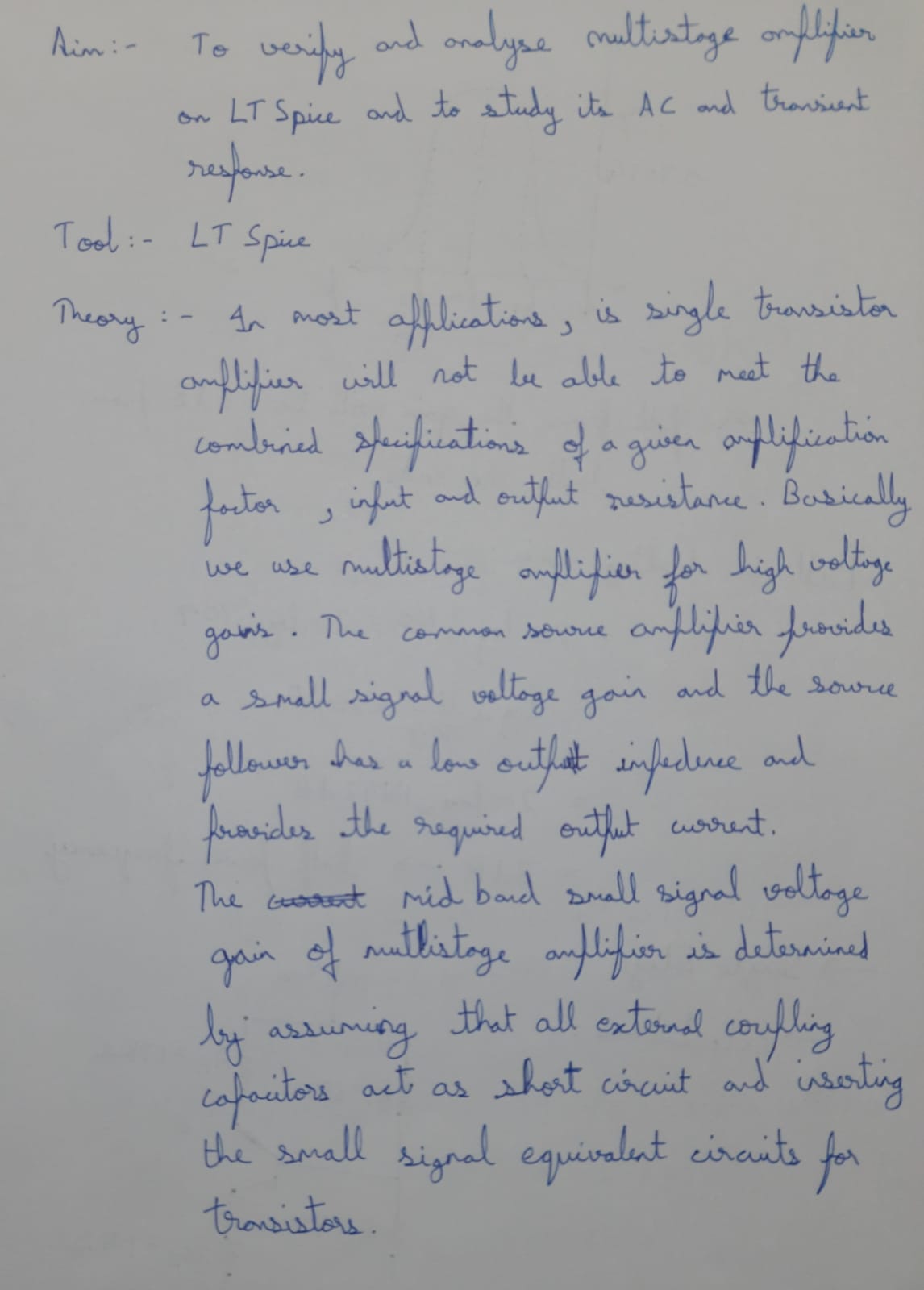
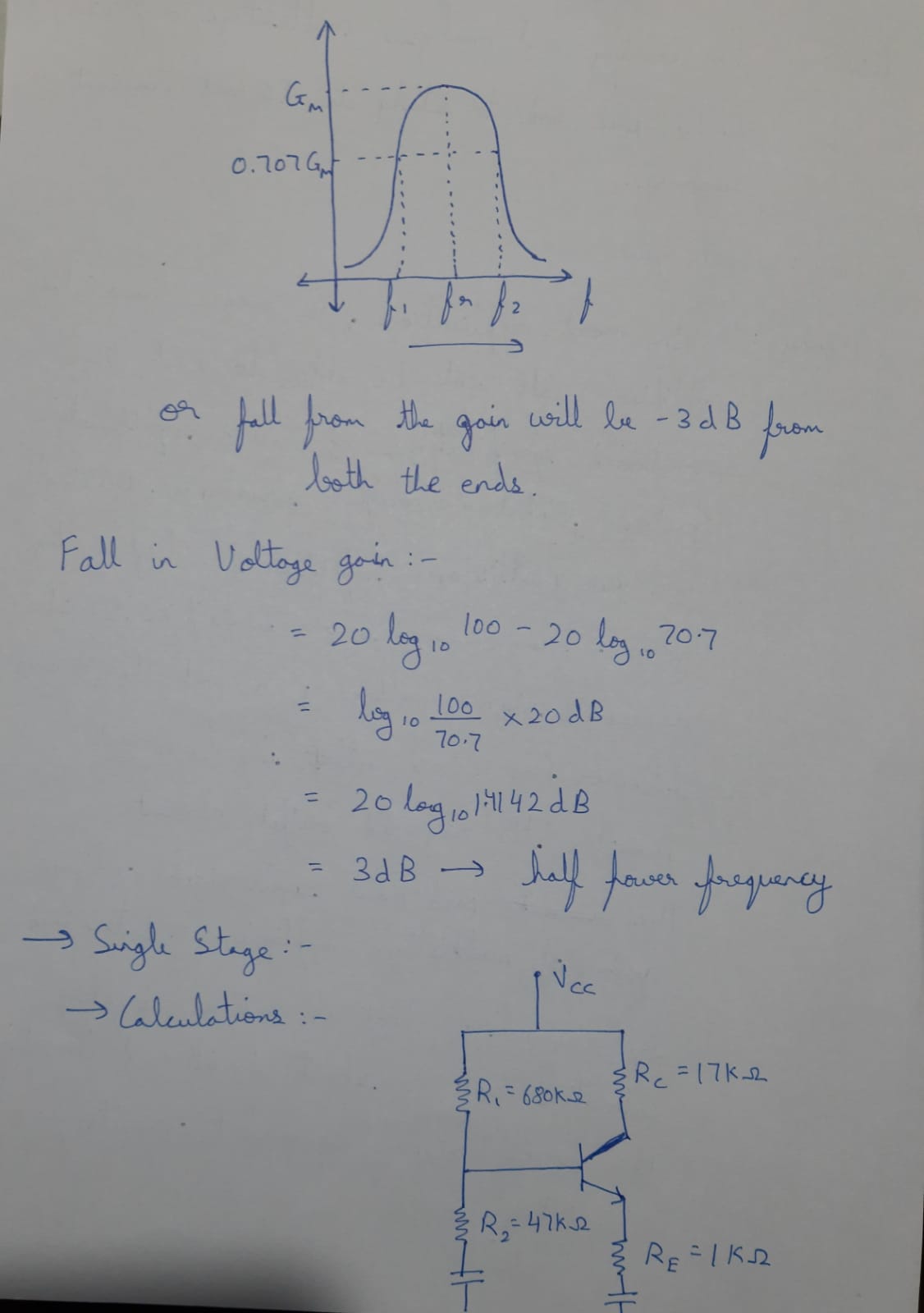
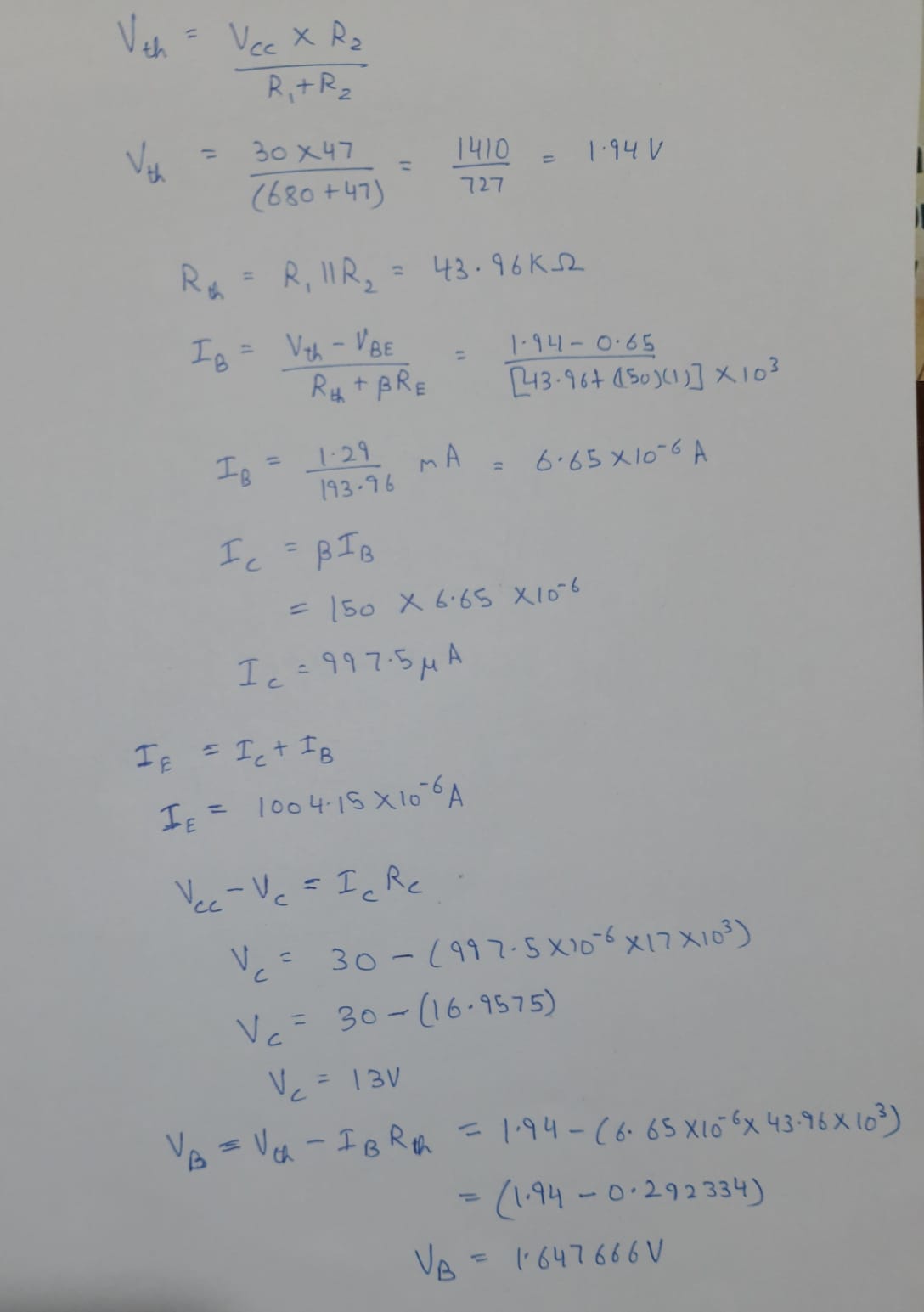
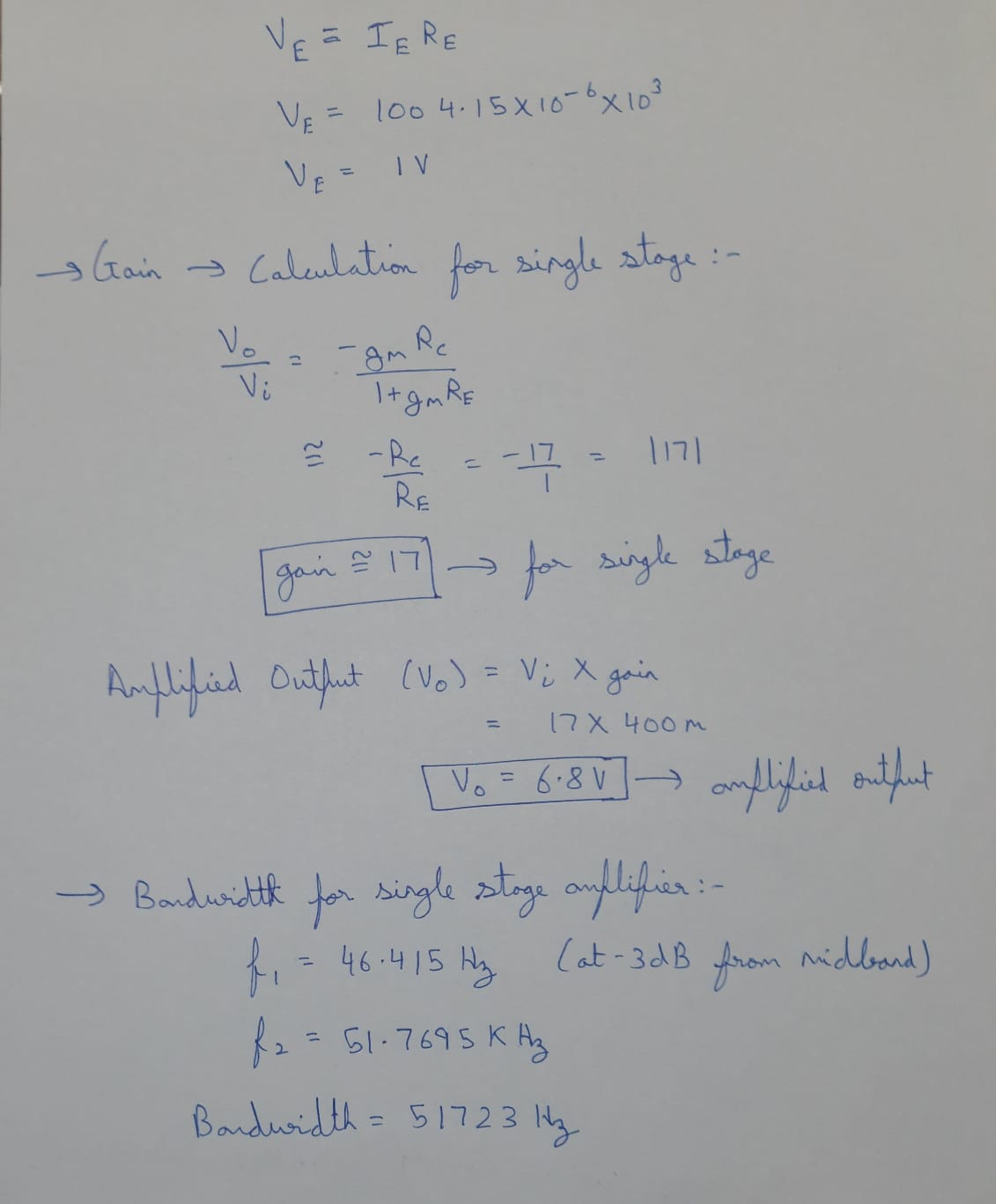
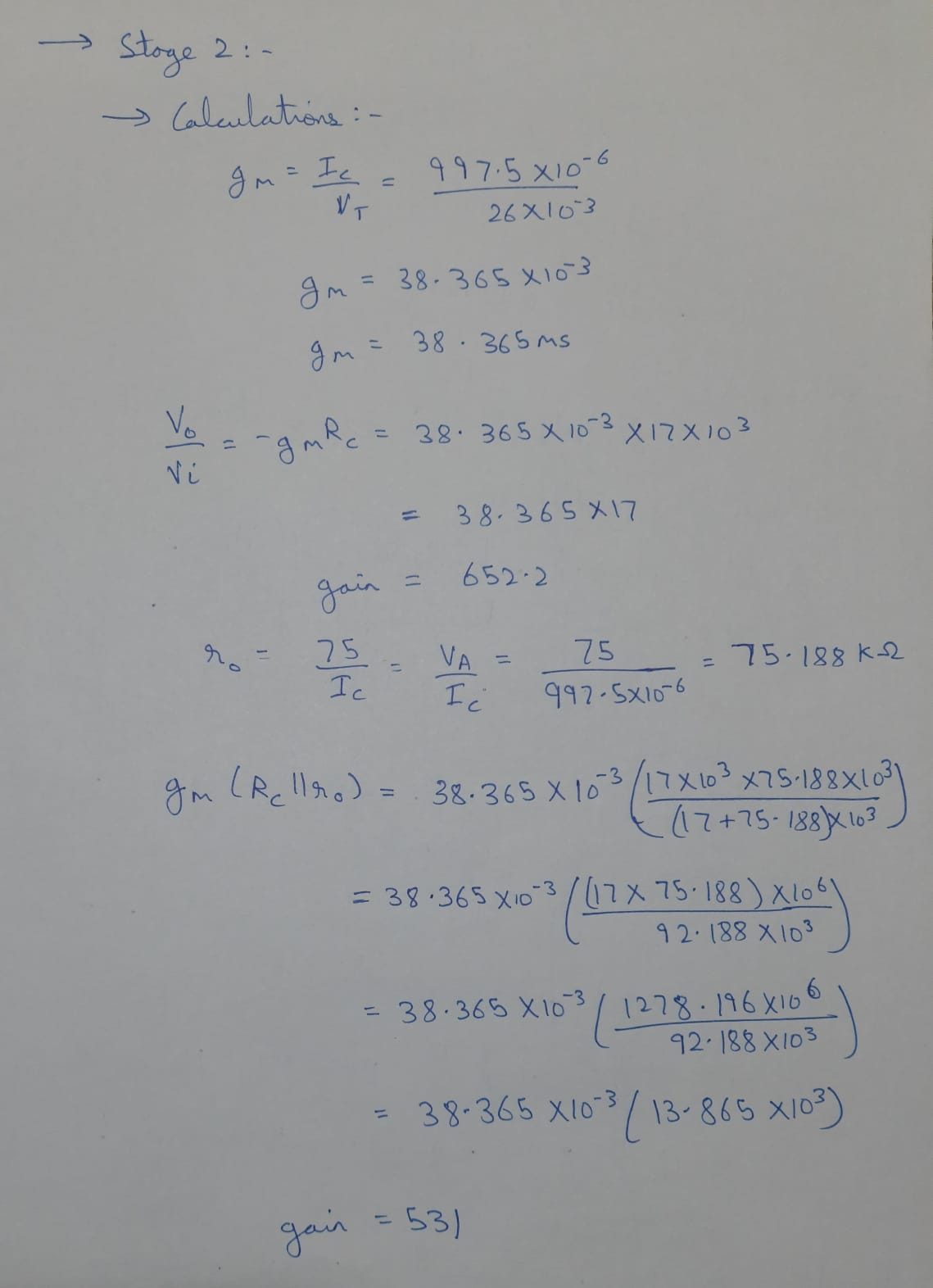
EXPERIMENT – 3

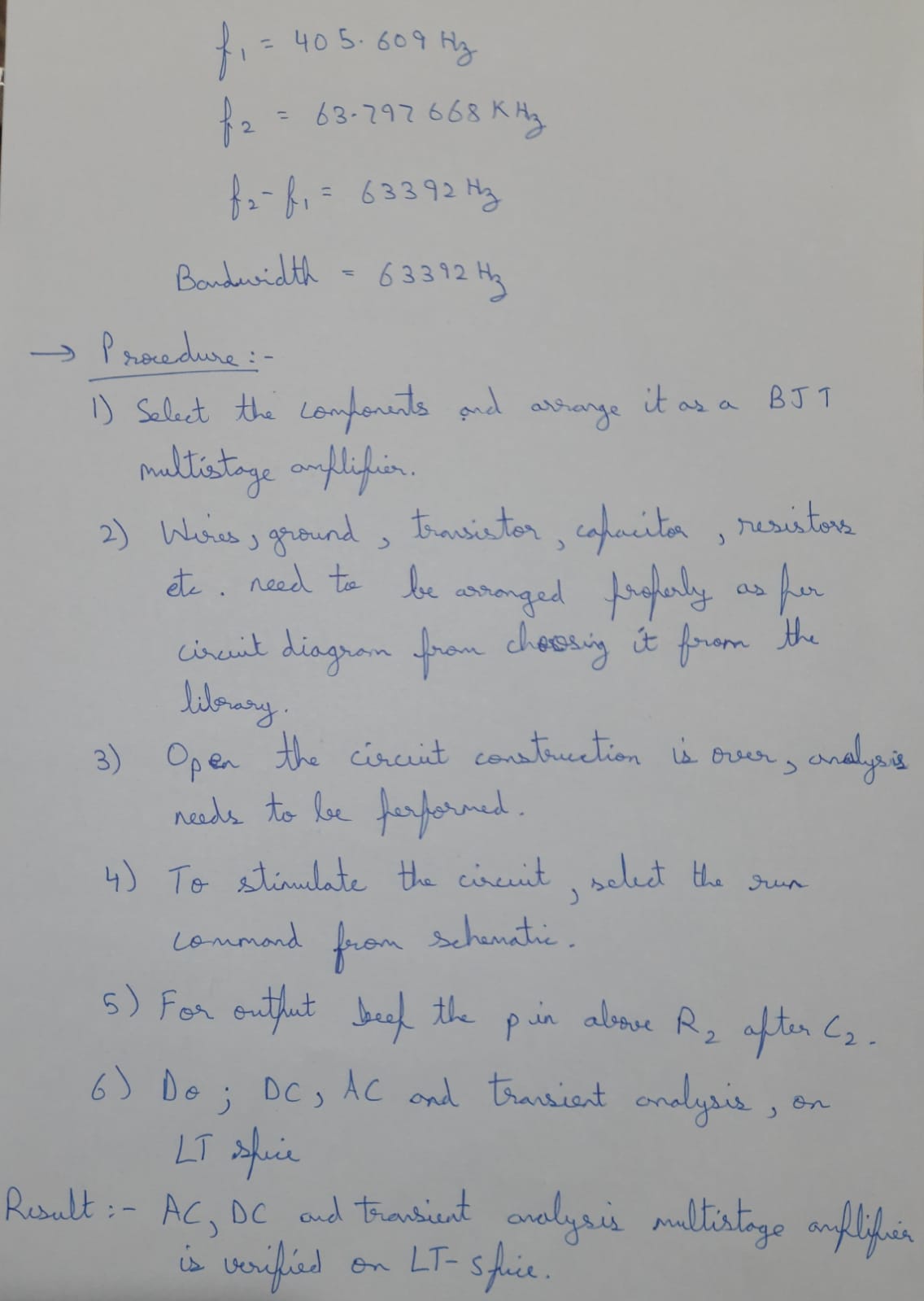








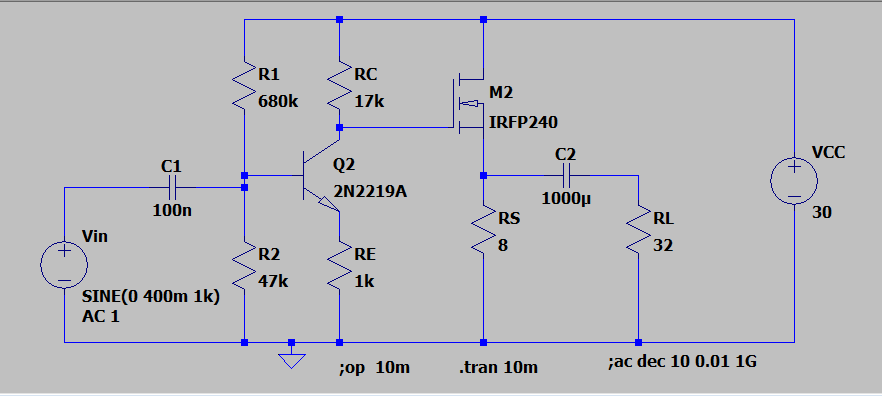




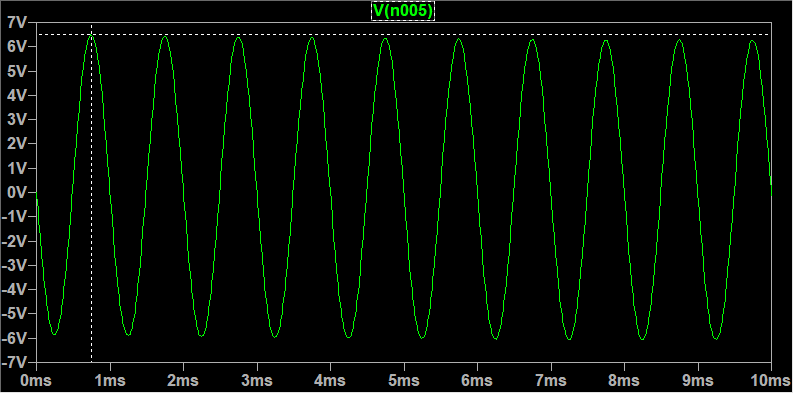
-------------SIMULATION ON LT SPICE-------------

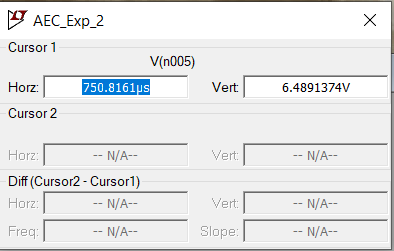
STAGE 1: - AMPLIFICATION-TRANSIENT ANALYSIS:

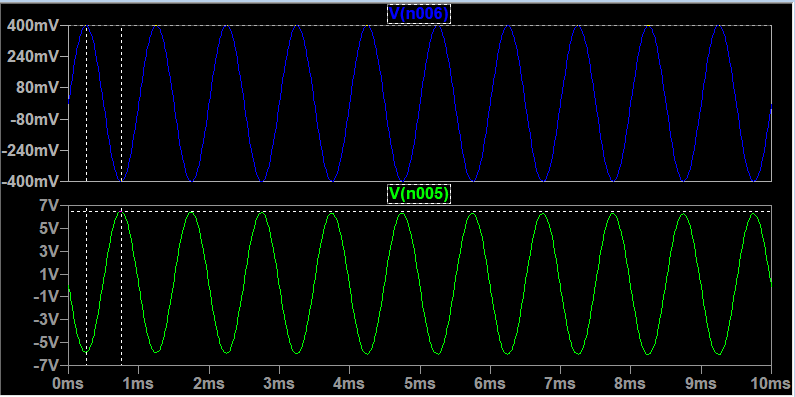
CIRCUIT:

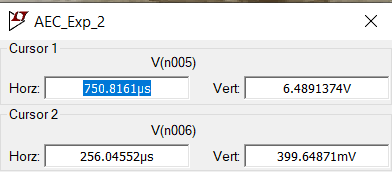


OUTPUT:



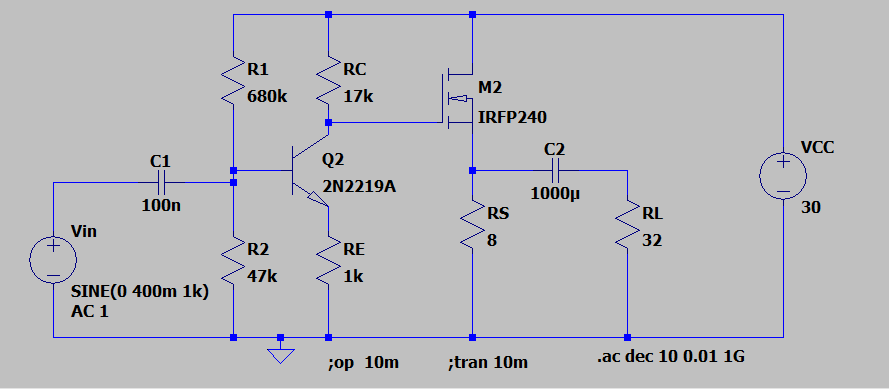




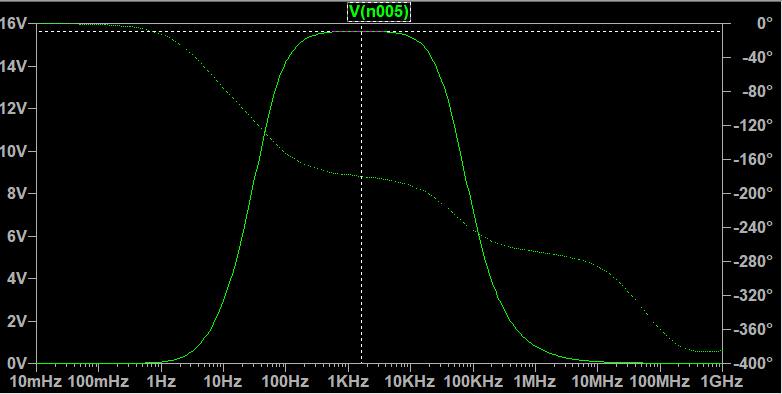


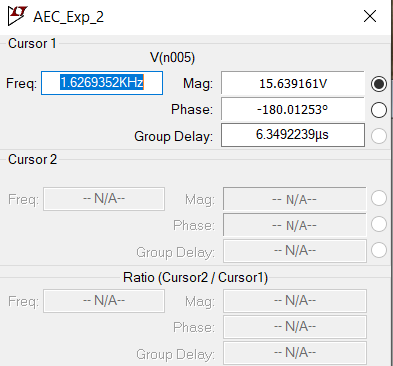
GAIN ANALYSIS: - AC ANALYSIS

CIRCUIT:



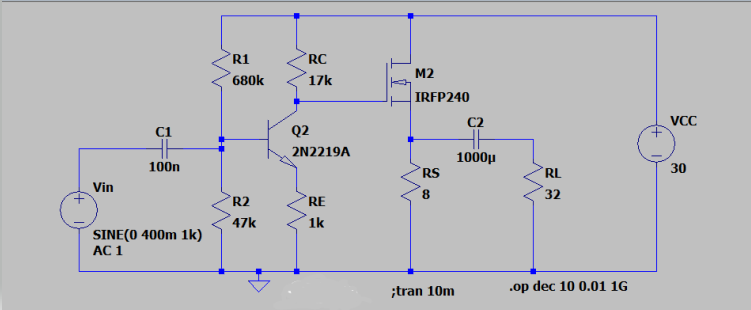
OUTPUT:

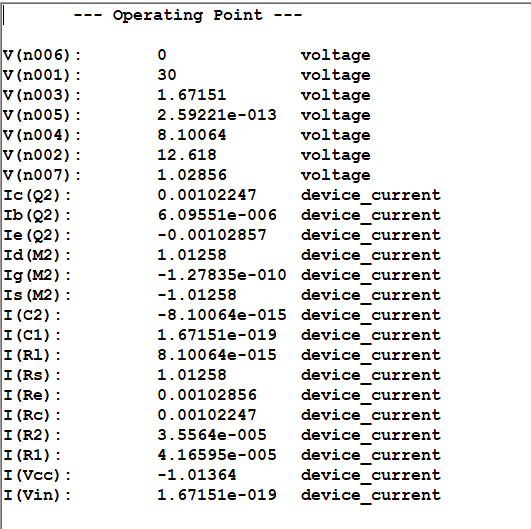




DC ANALYSIS: -

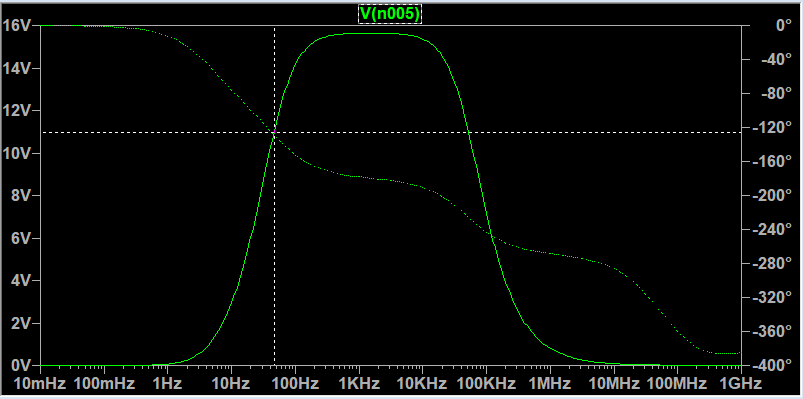
CIRCUIT:

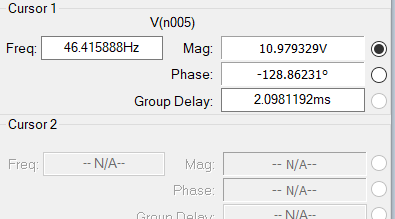




TO CALCULATE BANDWIDTH - FINDING F1: -

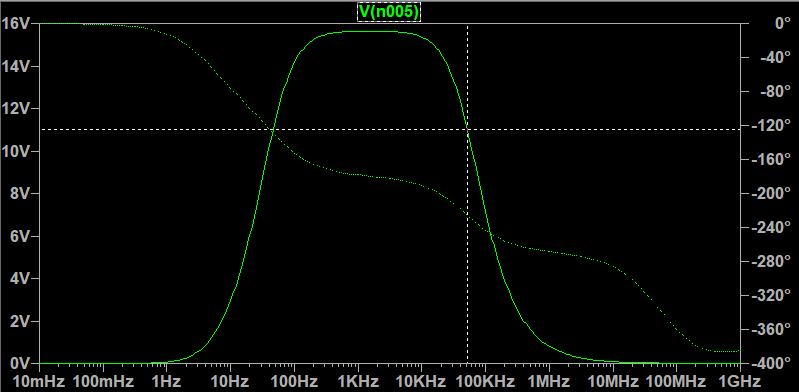
OUTPUT:

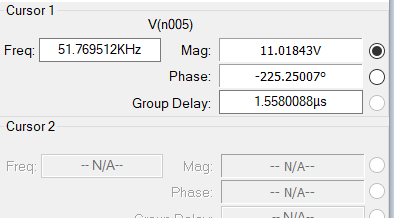




TO CALCULATE BANDWIDTH - FINDING F2: -

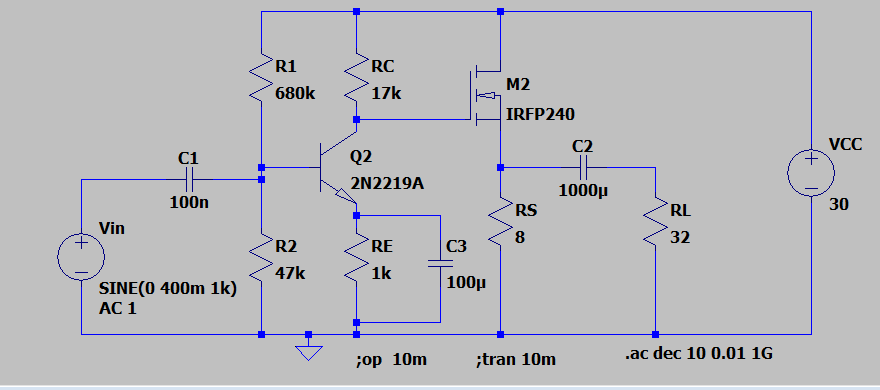
OUTPUT:

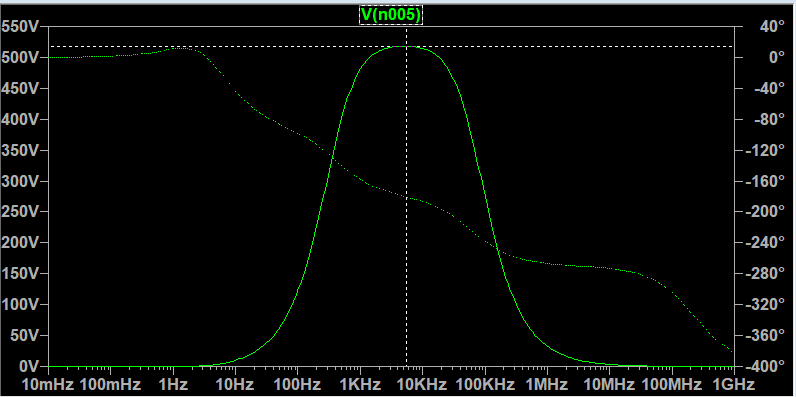


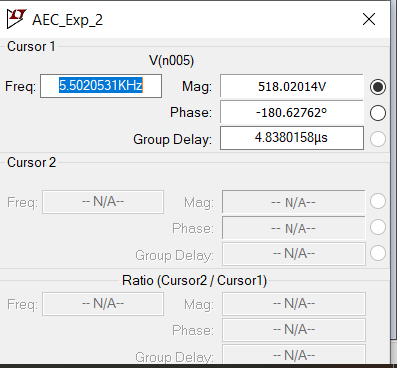


STAGE 2:

CIRCUIT - AC ANALYSIS: -

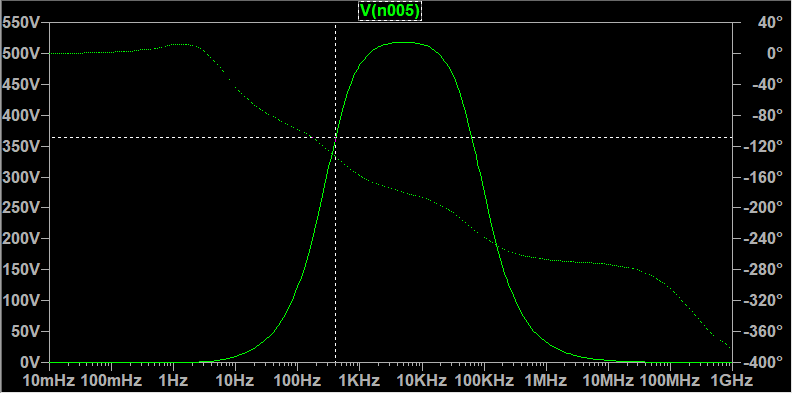


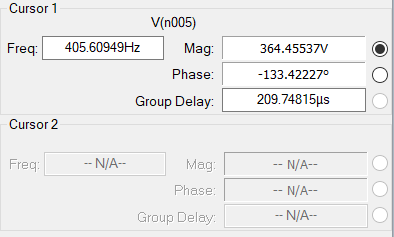




TO CALCULATE BANDWIDTH - FINDING F1: -

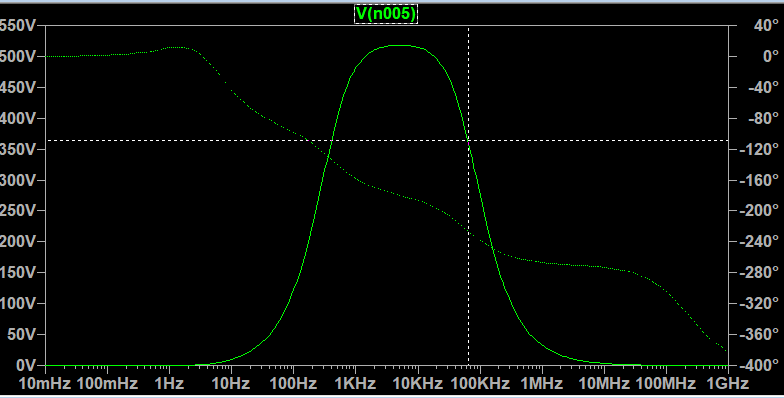
OUTPUT:

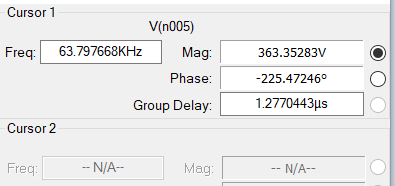




TO CALCULATE BANDWIDTH - FINDING F2: -

OUTPUT:





TRANSIENT ANALYSIS: -

CIRCUIT:

