# 21BDS0340

# Abhinav Dinesh Srivatsa

# Electronics Lab

# Task 4

# Exercise No.: 1 Date: 09/04/22

Common Emitter Amplifier

**Circuit Diagram**

**Components Required**

Basic – Resistors, Capacitors

Sources – Power Sources – VCC, Ground, AC\_Voltage

Transistors – BC547BP

Simulate – Instruments – Oscilloscope, Bode Plotter

**Simulated Circuit Diagram**

Diagram

Description automatically generated

**Simulated Observations**Graphical user interface, chart

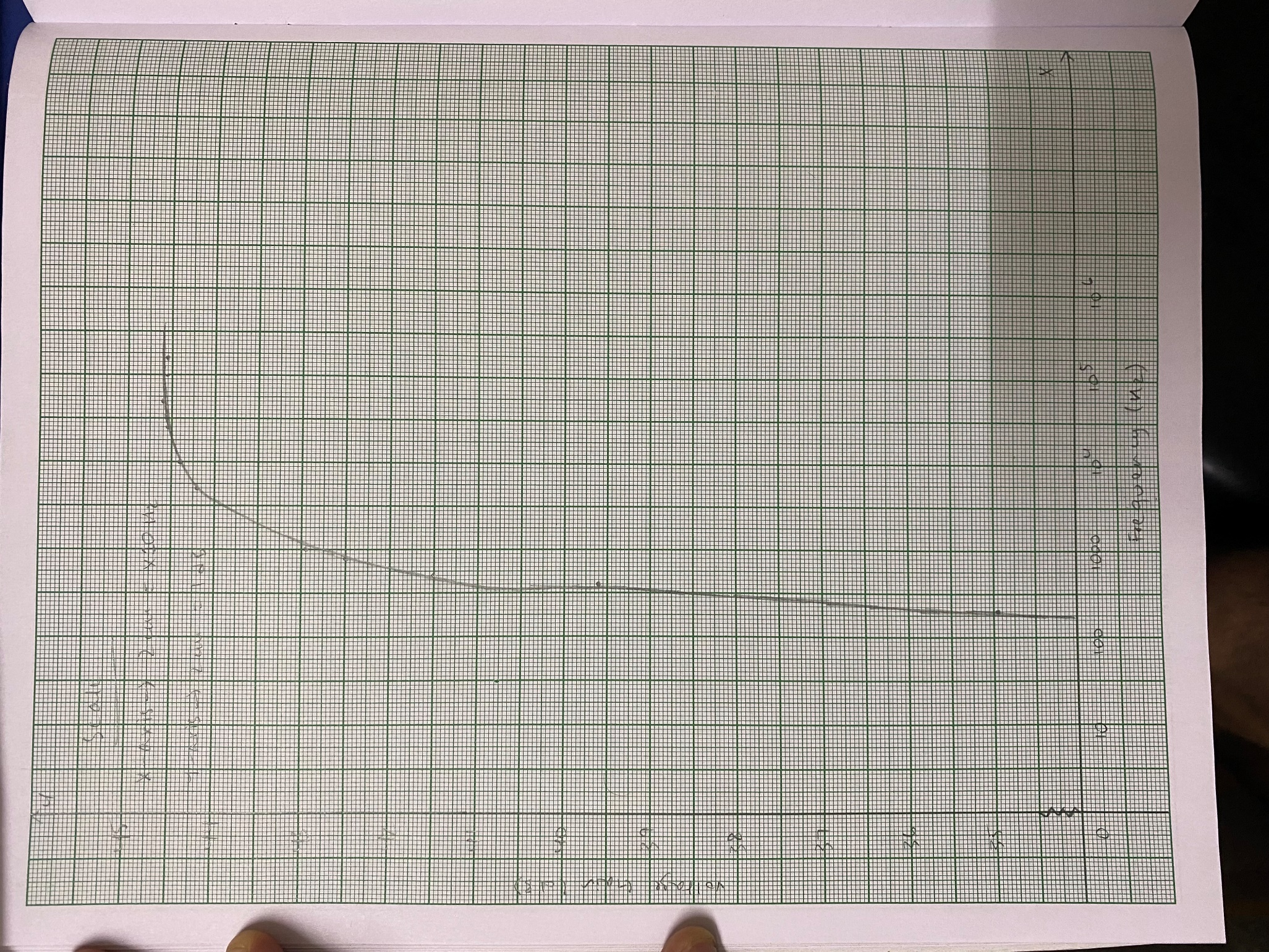
Description automatically generated

A screenshot of a computer

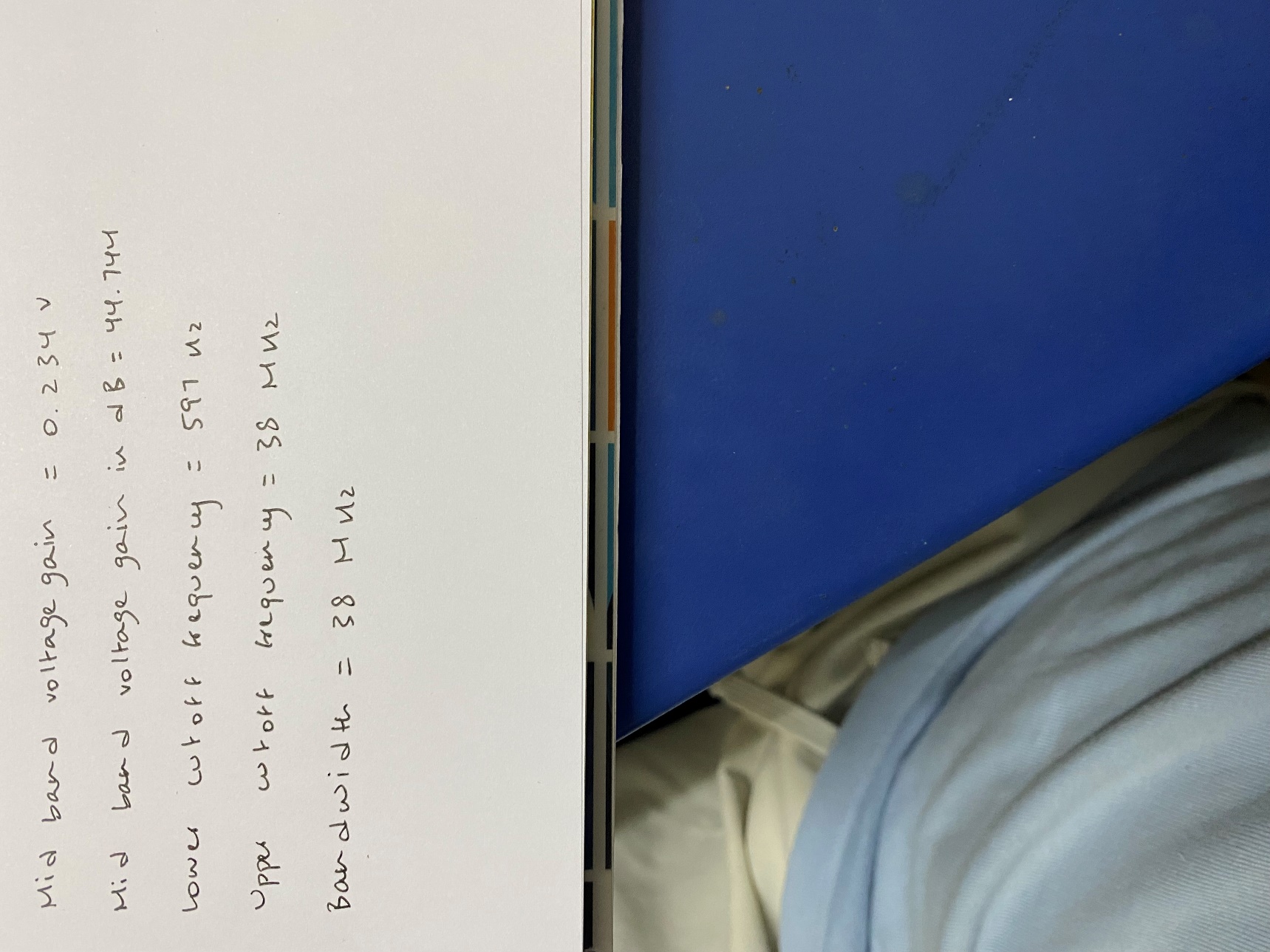
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**A close-up of a document

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**Graph**

**Calculations from Simulated Graph**

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Verification Message

**Text

Description automatically generated with low confidence**