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| Exp 1. Common Emitter Amplifier | Section 1.6.1. Bias Measurements |
| Tom Brewer  | Collector Voltage = 7.28 V Base Voltage = 2.07 V Emitter Voltage = 1.42 VCollector Current =(15‐7.28)/10k=0.773 mA |
| Section 1.6.2. Small Signal Gain Gain=651/14.1=46.2 | Section 1.6.3. Frequency Response |
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| Section 1.6.3. Frequency Response | Section 1.64. Large‐Signal Clipping Behavior |
| From Bode Plot:Midband Gain (dB)=‐0.9+20log(1020/20)=33.25 Midband Gain (linear)=46Lower 3db= 66Hz Upper 3db=360k |  |