



Power Bandwidth is given by:

$$f = \frac{\text{Slewrate}_{G1}}{2\pi V_{OUT(G1)}}$$

⇒

$$f = \frac{40 \times 10^6}{(2\pi \times 4)}$$

⇒

$$f \approx 1.6 \text{ MHz}$$

⇒

The effective slew rate at the amplifiers' output is given by:

$$\text{Slewrate}_{(OUTPUT)} = 2\pi \times 1.6 \text{ MHz} \times 40$$

⇒

$$\text{Slewrate}_{(OUTPUT)} \approx 400 \text{ V} / \mu\text{S}$$

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