

ELE 215 Summary Report Form
Lab 4 – due 5 PM on Mar 11, 2026

Score:	/ 75
--------	------

Names: _____

HW IDs (just the last 3 digits): _____

1. The base inverting amplifier:

a) Components

	R_{in}	$R_f \approx 10 R_{in}$
Intended value		
Measured value		

b) TA check of 10x amplifier: _____

2. Saturation:

b) TA check of balanced saturation: _____

3. Gain-bandwidth product:

a-e) (Table continued on reverse)

Frequency (Hz)	Amplitude of V_{in}	Amplitude of V_{out}	Gain		Freq * Gain
			Desired	Actual	
1000			10		xxxxxx
			9		
			8		
			7		
			6		
			5		

Frequency (Hz)	Amplitude of V_{in}	Amplitude of V_{out}	Gain		Freq * Gain
			Desired	Actual	
			4		
			3		
			2		
			1		

4. TA check of unity gain: _____