LLS - Low Light Signal Measurements Signature Sheet

Student's Name	Partner's Name
Pre-Lab Discussion Questions	
· · ·	instructor before your first day of your scheduled laberst page of your report. Without it you will lose grade the following before you come to lab:
	Γ Spectrum Analyzer? What mathematical operation al examples of what goes in and what comes out.
2. Why dont we just put a filter in front of our ph off by the LED (e.g. 635 nm)?	otodiode which only passes light at the frequency given
3. Explain how chopping the steady-state signal f LED.	from the LED helps you to recover the signal from the
Staff Signature	Date
Completed before the first day of lab? (Circle one) Y	Yes / No
Mid-Lab Discussion Questions	
1. Before beginning Experiment X, you should h the measurements obtained in Experiment IX.	ave produced a plot of the Johnson noise signal using
Staff Signature	Date
Completed before proceeding with Experiment X? (Circle one) Yes / No

Checkpoint Signatures

1.	Fourier Components
	Staff Signature
2.	Slope/Oct and Time Constant
	Staff Signature
3.	1/f Noise
	Staff Signature
4.	Capacitive Noise
	Staff Signature
5.	Johnson-Noise Measurement
	Staff Signature