Checklist for Johnson Noise

Composition:

- ___/2 Abstract (Give results and brief summary of findings)
- ___/5 Introduction(Overview and theory related to experiment)
- ___/5 Experimental setup and procedure
- ___/5 Analysis of data and results
  - Graphs/histograms should have axes labeled with units and have a caption explaining briefly what is plotted. (ex. Figure 1: Description of Plot/Graph/Picture)
- ___/5 Discussion of results and errors; conclusion, if any
- ___/5 References

Review of Items to include

- ___/10 Describe measurement of g(f) and $\langle V_n^2 \rangle$.
- ___/10 Fit the data with a least squares minimization fit. Extract the necessary parameters from fit with errors.
- ___/10 Calculating e_A and k_B with errors and comparing with expected and accepted values.

Total: ___/57