ECEN 325 – Electronics

Fall 2020

Lab 2: Report

Submitted by:

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I. Objective

The objective of the lab is to learn 2nd order frequency responses of circuits by using circuit design and analysis.

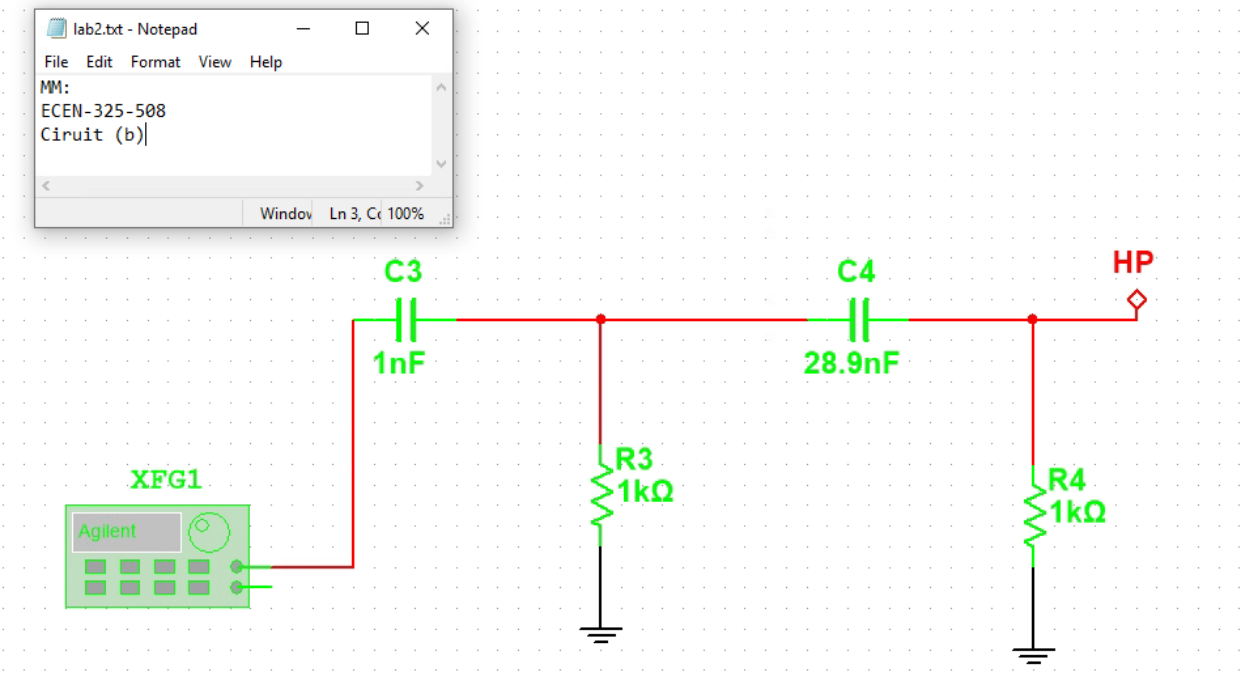
II. Procedure

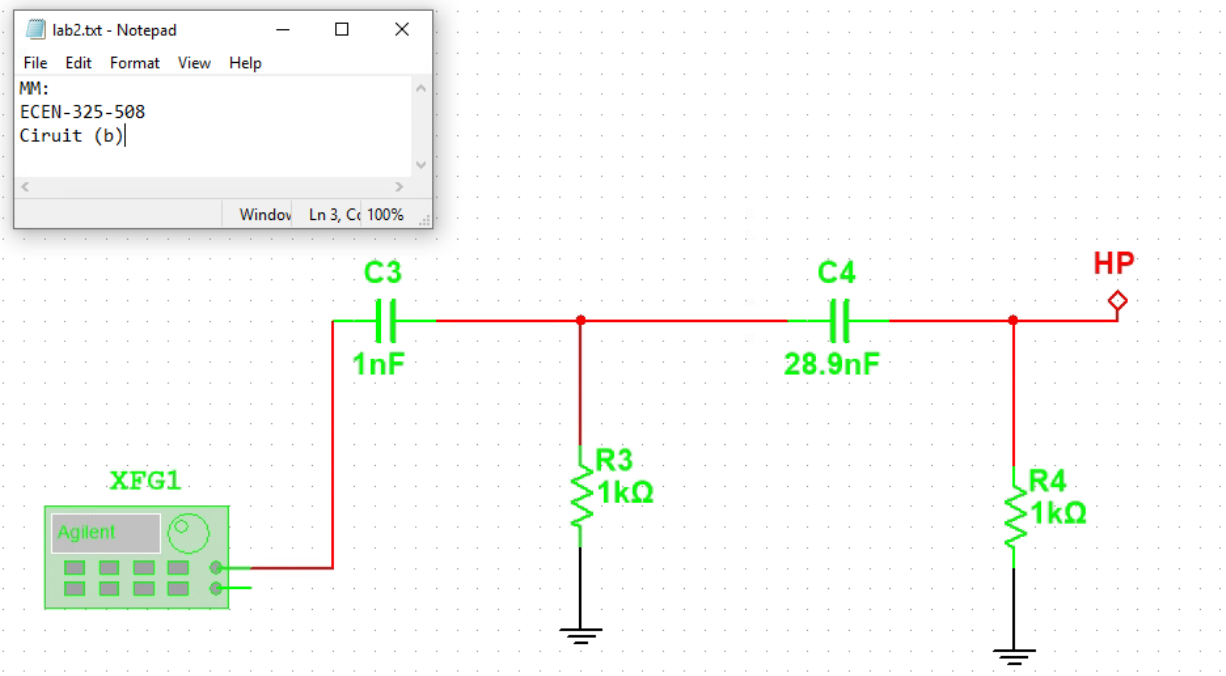
For the procedure I first had to find the transfer function of a low-pass, high-pass, and band-pass circuit. Then I found the calculations values of the components of the circuits given the frequency and K value and sketched the bode plots. After that, I simulated the circuits and built the circuits onto a breadboard for measurements.

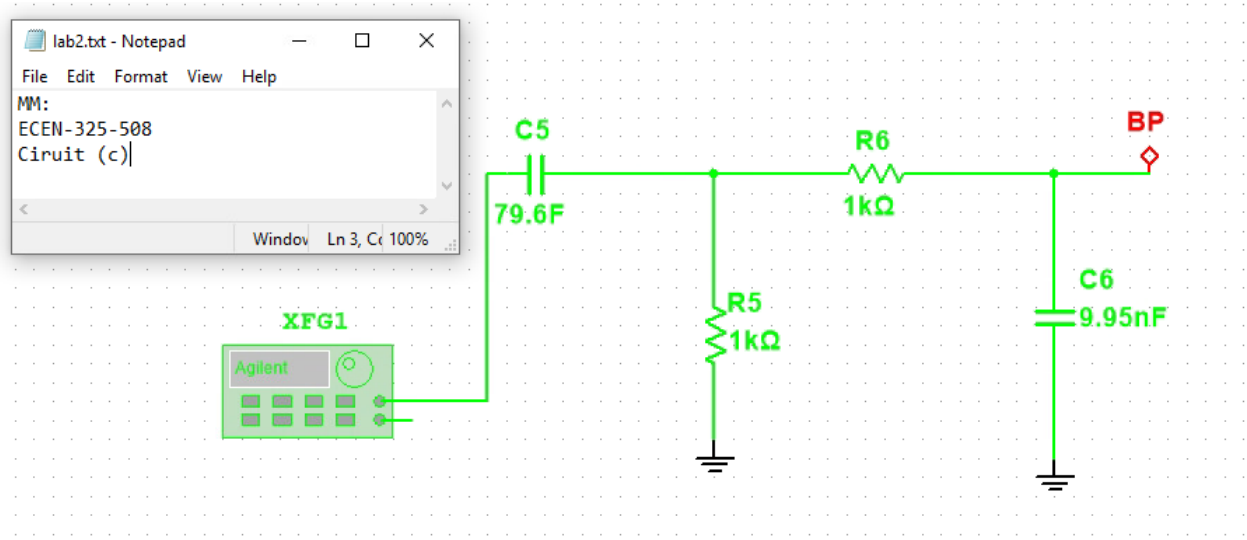
III. Difficulties

The difficulty I had was understanding the new instructions for the lab and not enough time to complete the lab

IV. Results







V. Conclusion

When comparing my results from my calculations. I did not have enough time to understand and analyze my measurements from the lab in such a short time. But from looking at the bode plots I can I tell that my calculations were correct.