

Currents in LCR

PHY224 Lab 7

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Abstract

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1 Introduction

2 Methods, Materials and Experimental Procedure

We successfully followed the procedures as described by the TA and lab manual [1] for this experiment.

3 Results

4 Discussion

5 Conclusions

A Appendix

A.1 Oscilloscope Readings

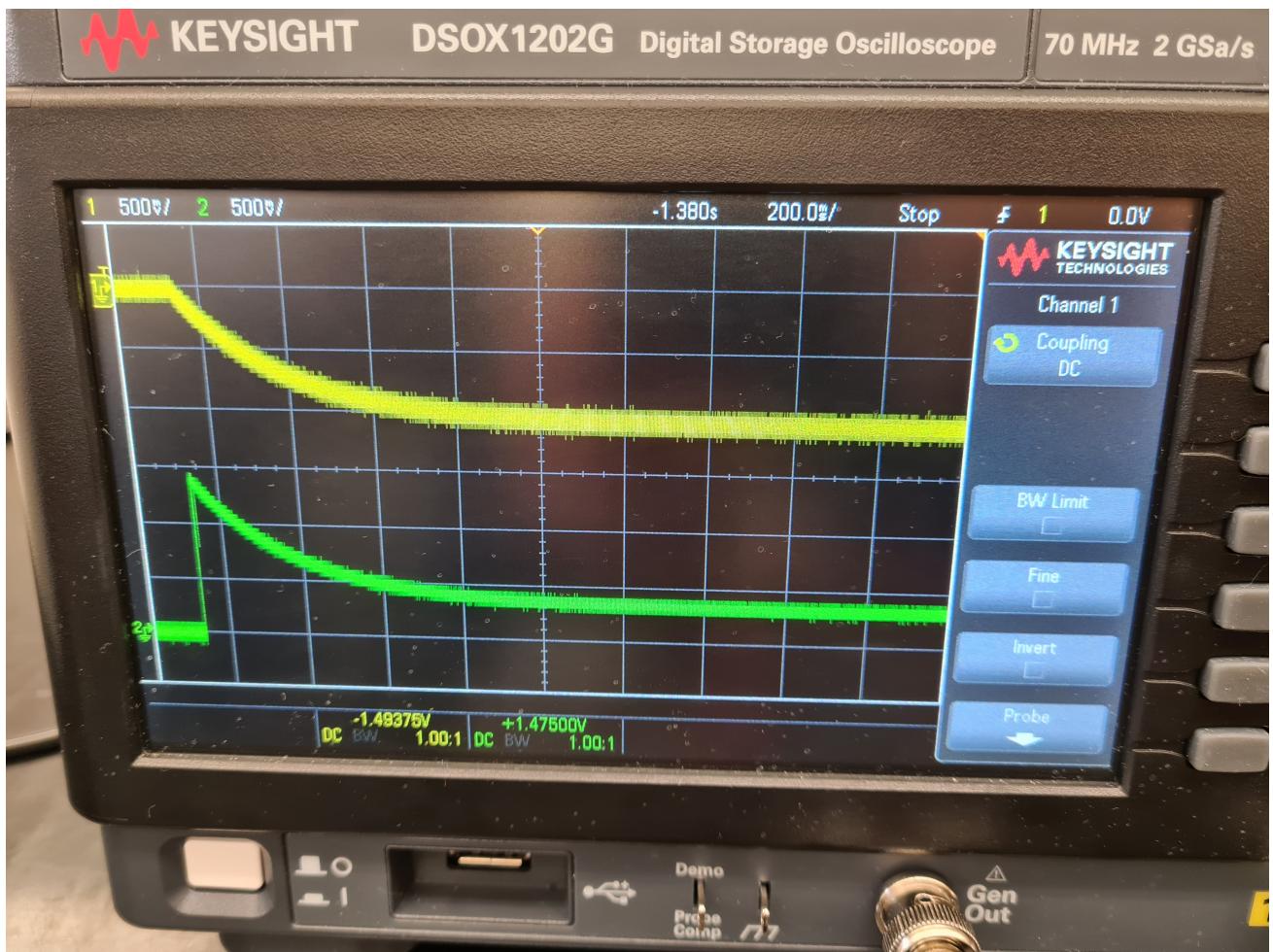


Figure 1: Oscilloscope Reading (Peak to Peak Alignment)

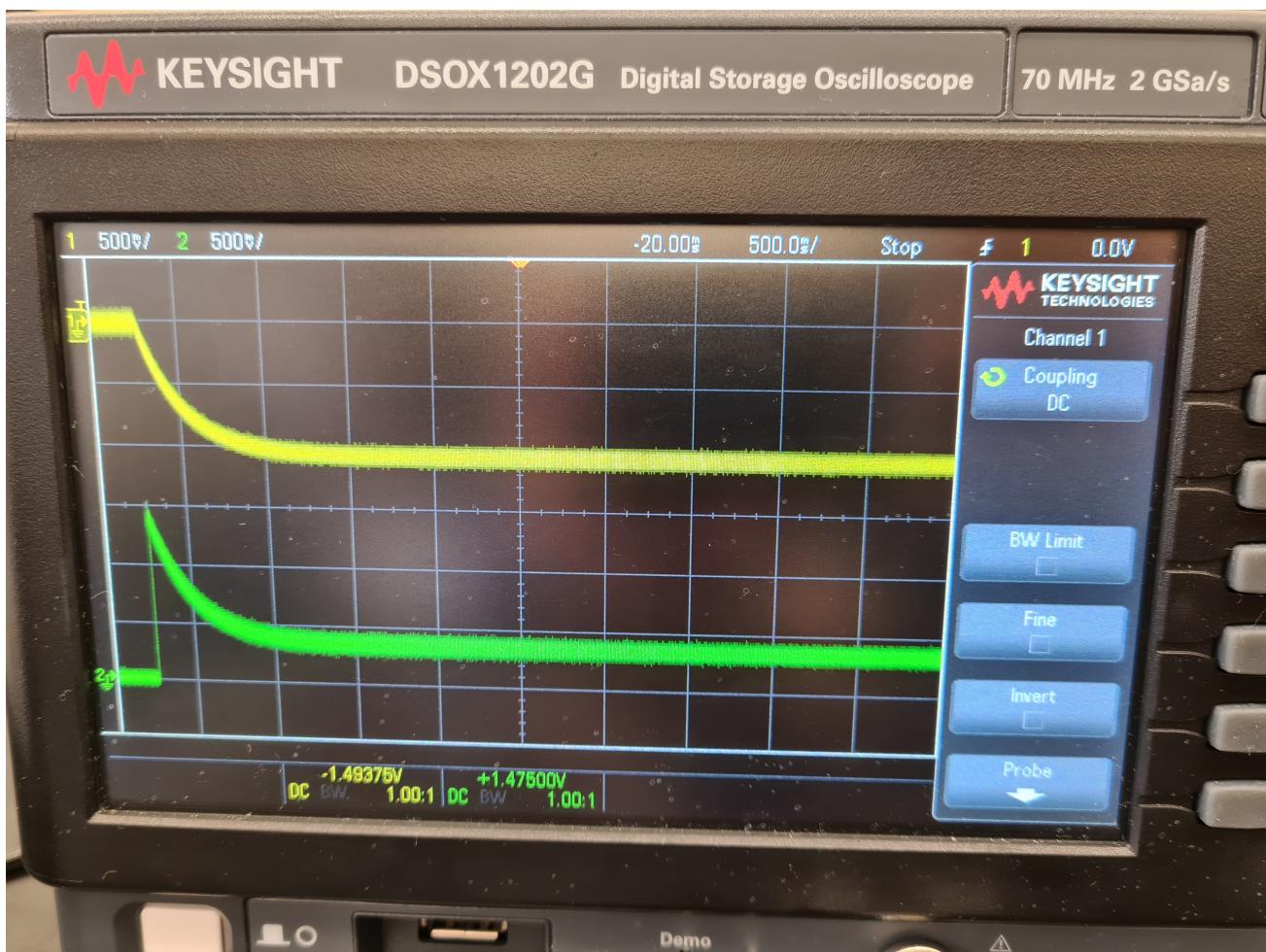


Figure 2: Oscilloscope Reading (Peak to Peak Alignment)

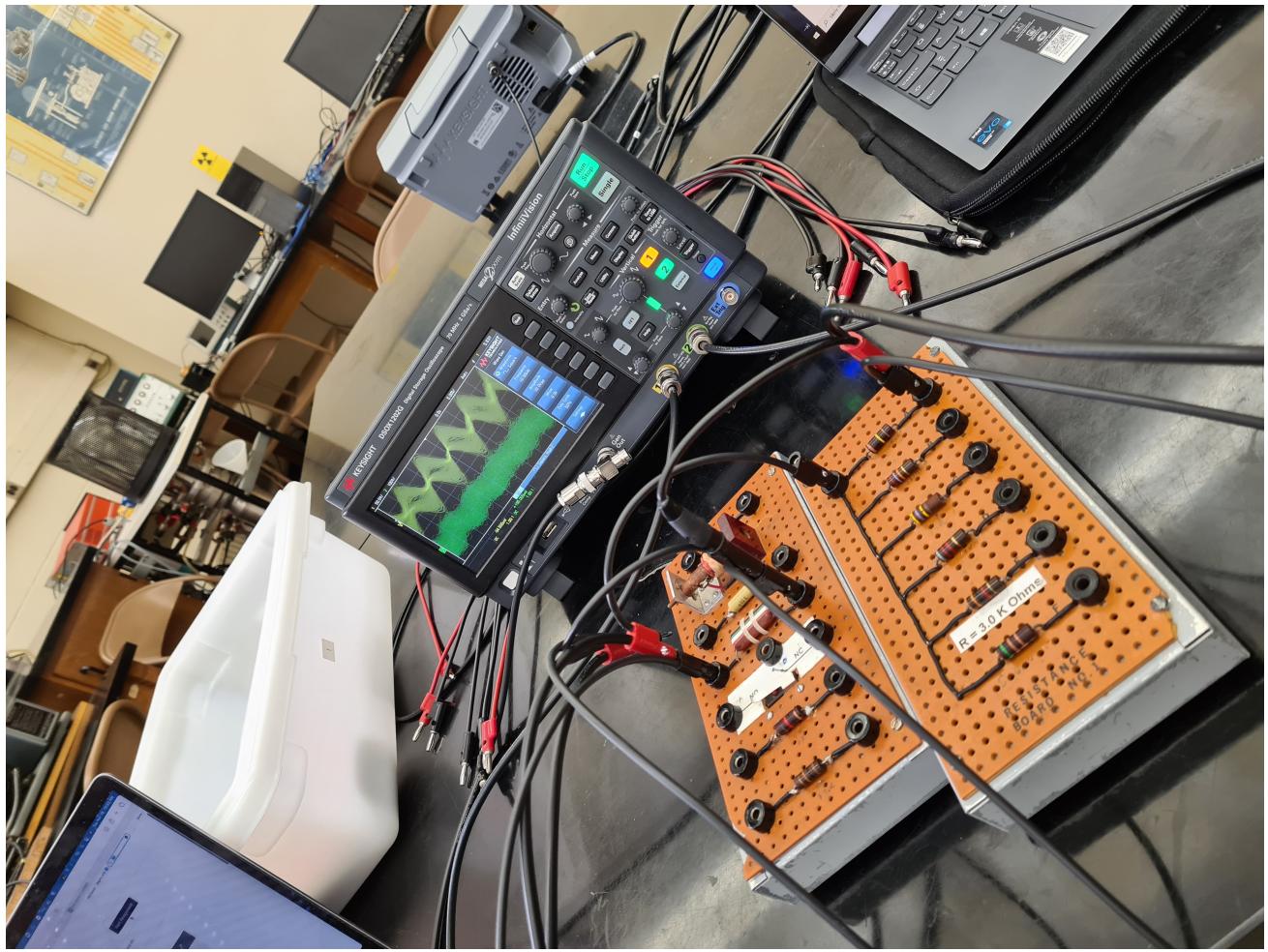


Figure 3: Oscilloscope Reading (Peak to Peak Alignment)



Figure 4: Oscilloscope Reading (Peak to Peak Alignment)



Figure 5: Oscilloscope Reading (Peak to Peak Alignment)

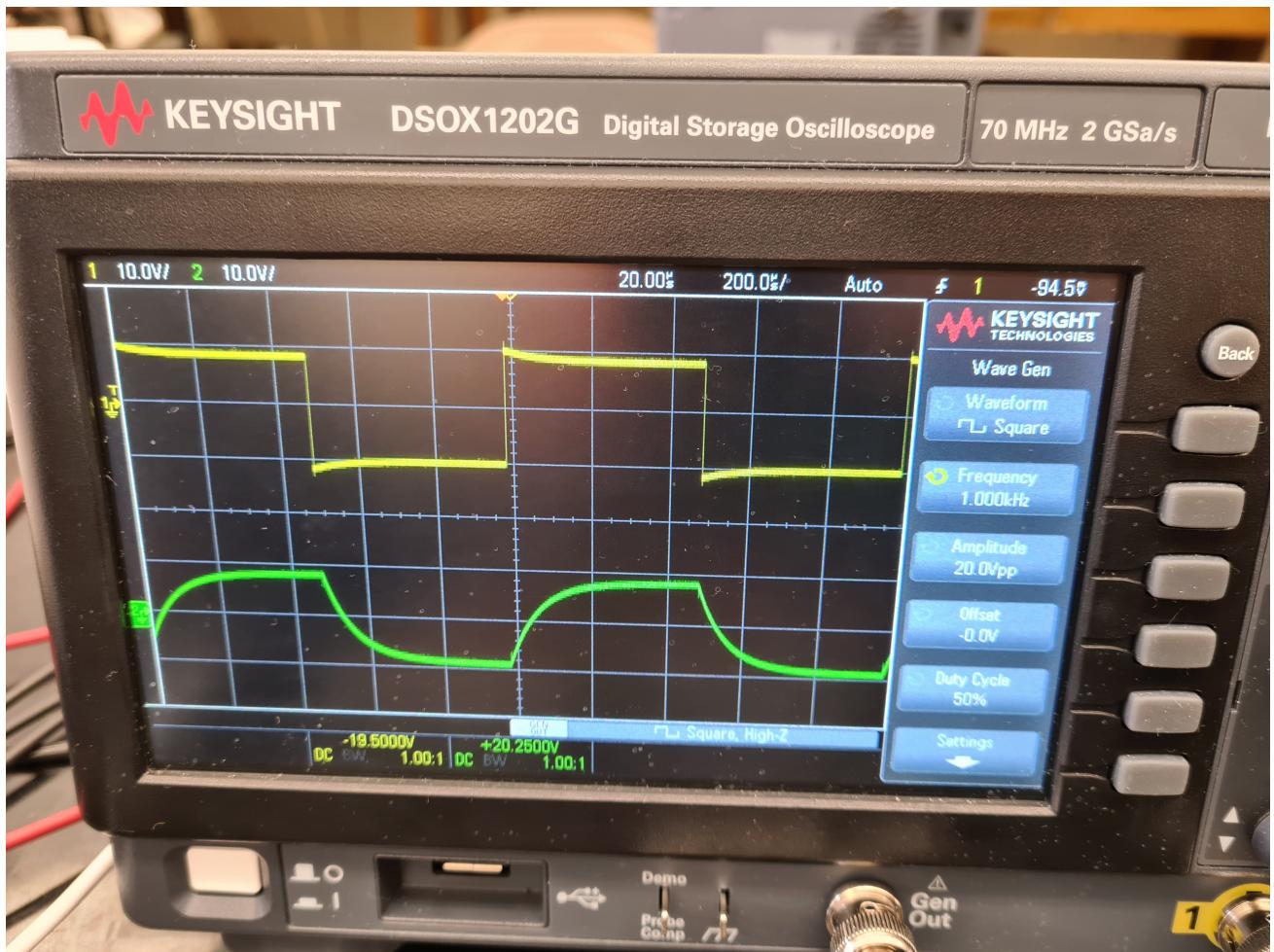


Figure 6: Oscilloscope Reading (Peak to Peak Alignment)

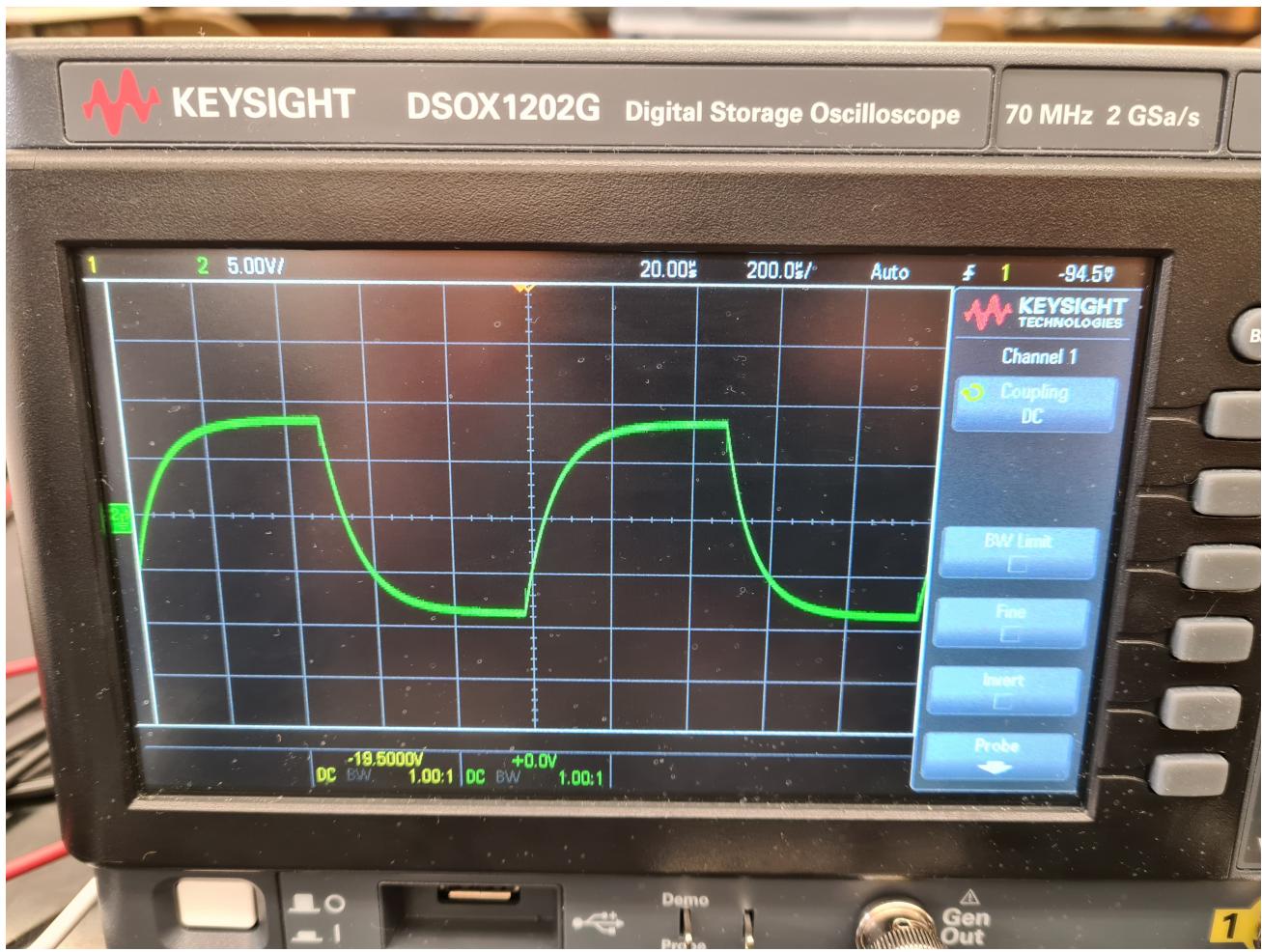


Figure 7: Oscilloscope Reading (Peak to Peak Alignment)

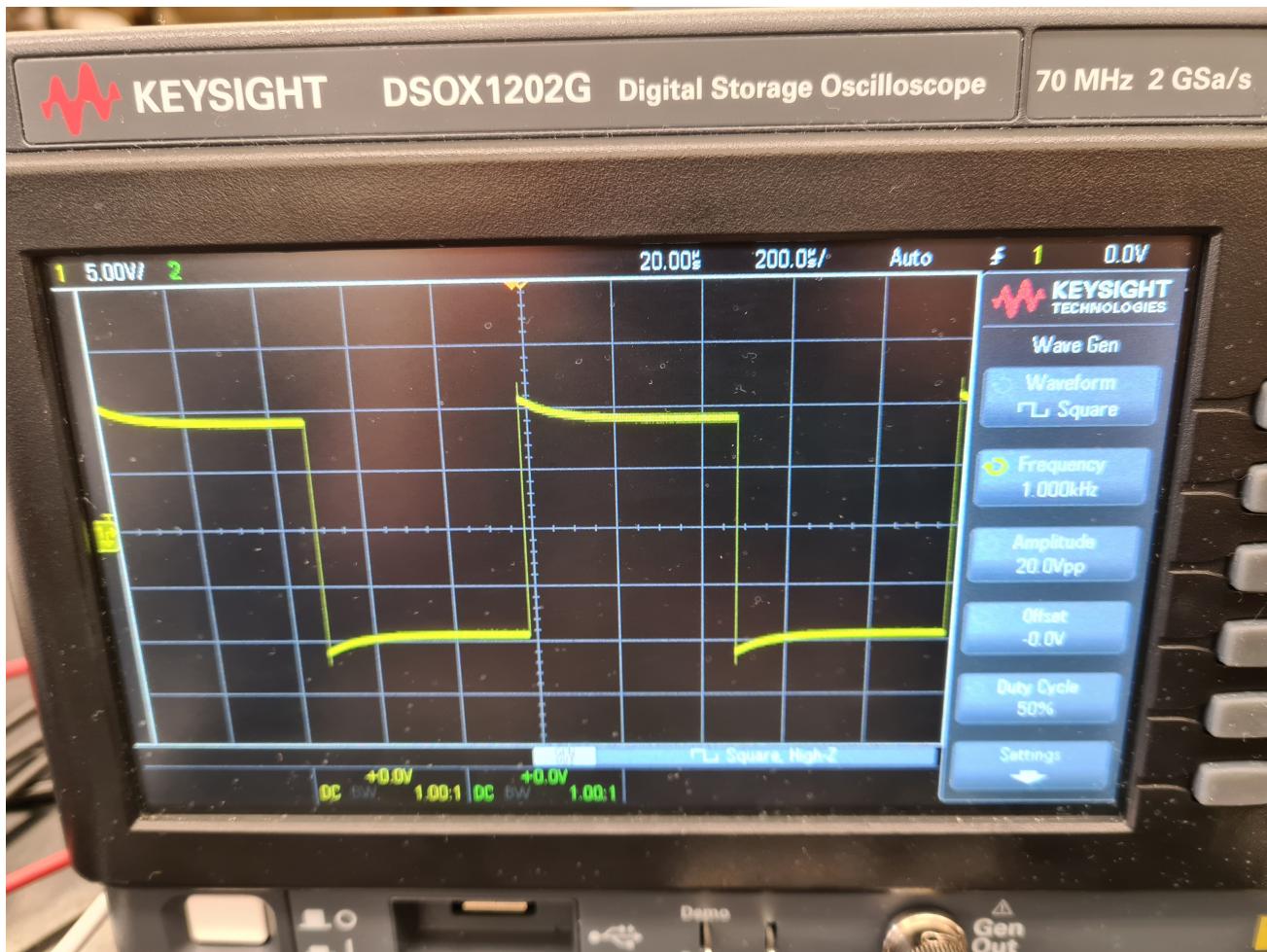


Figure 8: Oscilloscope Reading (Peak to Peak Alignment)

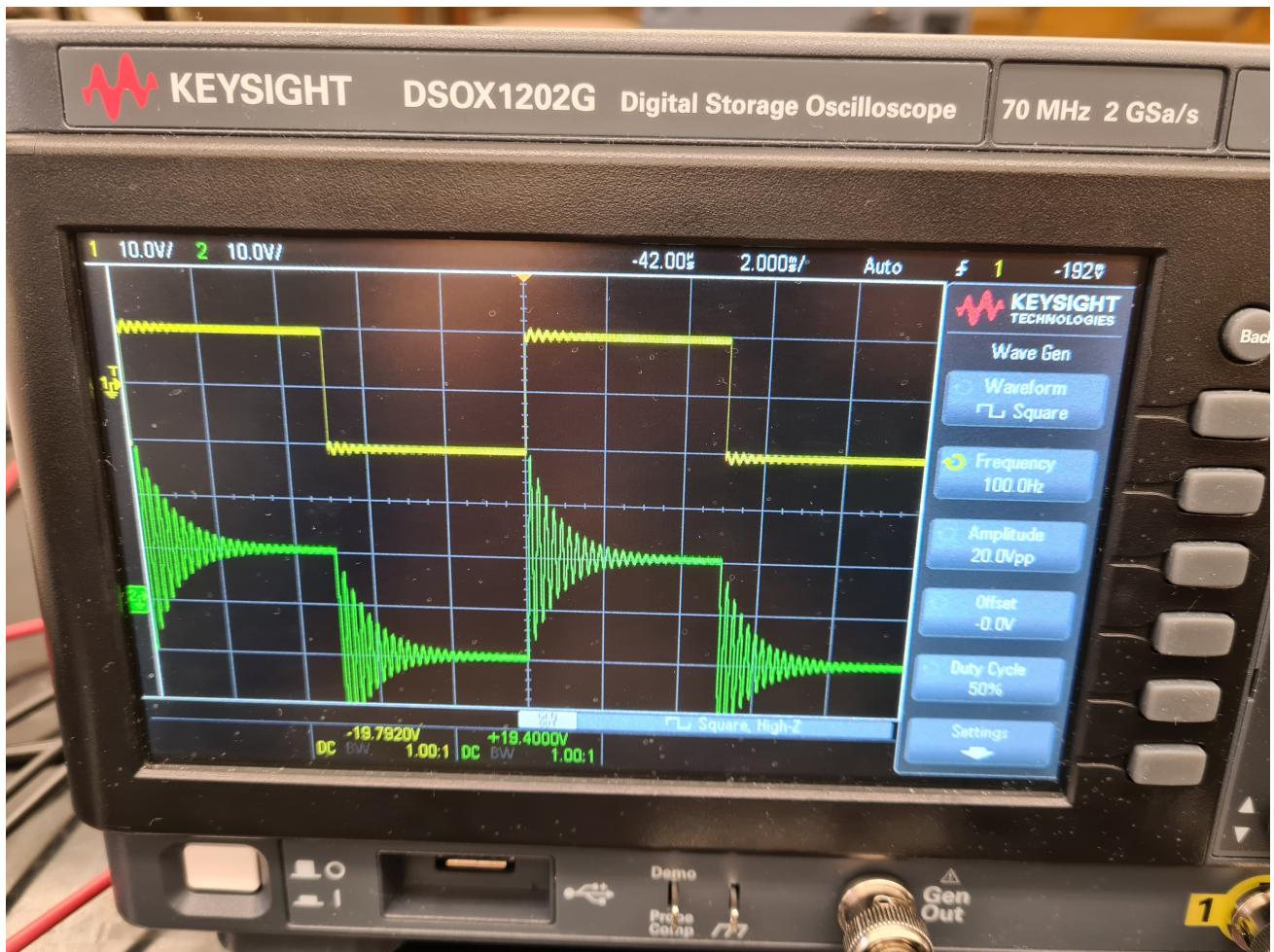


Figure 9: Oscilloscope Reading (Peak to Peak Alignment)

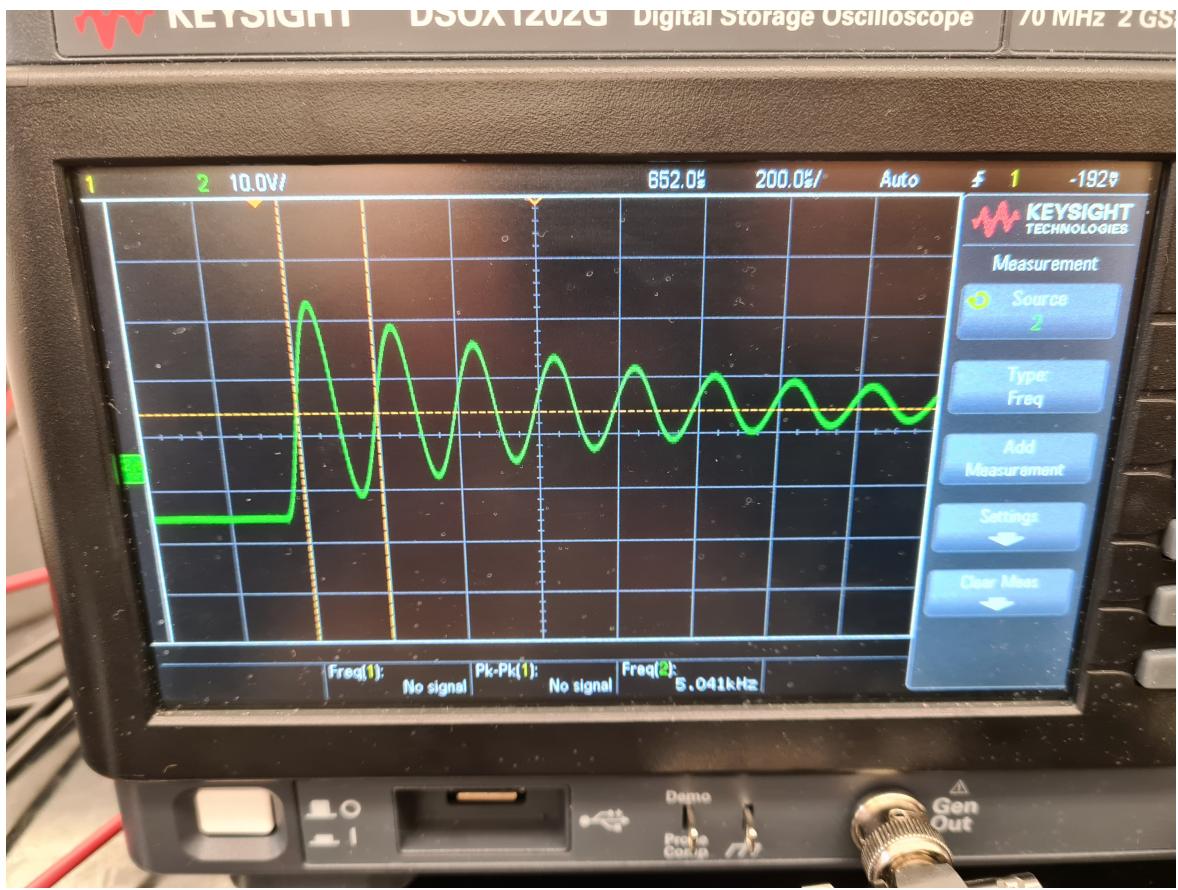


Figure 10: Oscilloscope Reading (Peak to Peak Alignment)

A.2 Python Code

References

- [1] Currents in LCR - currents-l-c-r.pdf