

Interferometer fringe measurements of Sun, Moon, and SRC at 11 GHz

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Abstract

1 Introduction

2 Methods

2.1 Target selection and ephemerides

2.2 Interferometer design

We used a two-element multiplying interferometer, operated by UC Berkeley, to observe our targets. The interferometer consists of two antennae (diameter $d = ?$ m) with east-west baseline $b = 10$ m placed on Wurster Hall's roof ($37^{\circ}52'12.7''$ N, $-122^{\circ}15'15.8''$ E).

2.3 Observing campaign

Days, times, targets. Ephemeris plots go here

Interferometer pointing and rehoming. Beam size, accuracy, parameters.

3 Results

4 Discussion

5 Conclusions

6 Acknowledgments

Much props to Karto for his dedication in getting the interferometer back up and running, and to Baylee/Karto both for porting IDL stuff.

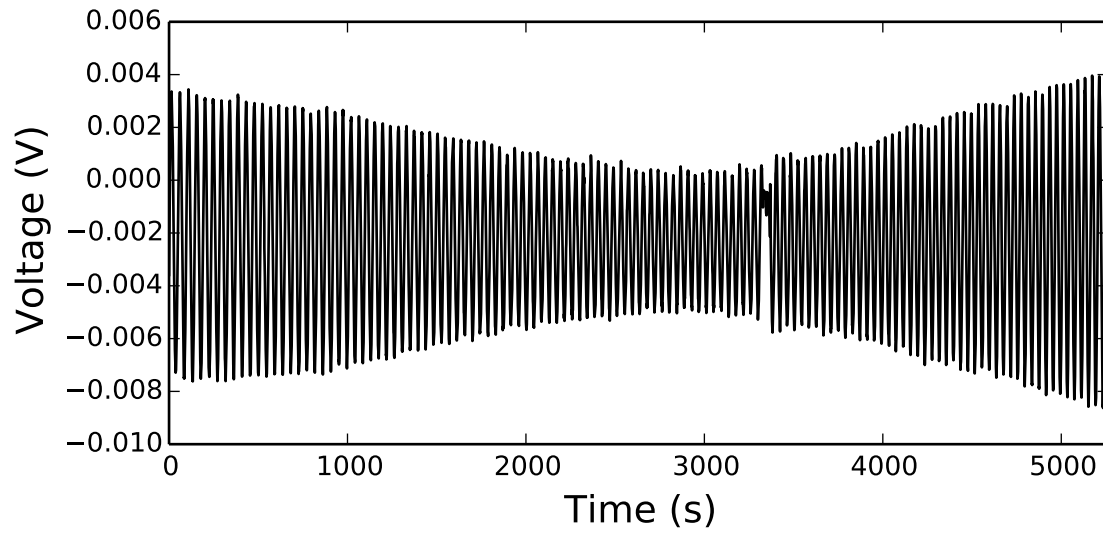


Figure 1. Shitty caption

7 Electronic supplement

All supporting files are stored on the repository:
<https://github.com/aarontran/ay121/lab3/>.