

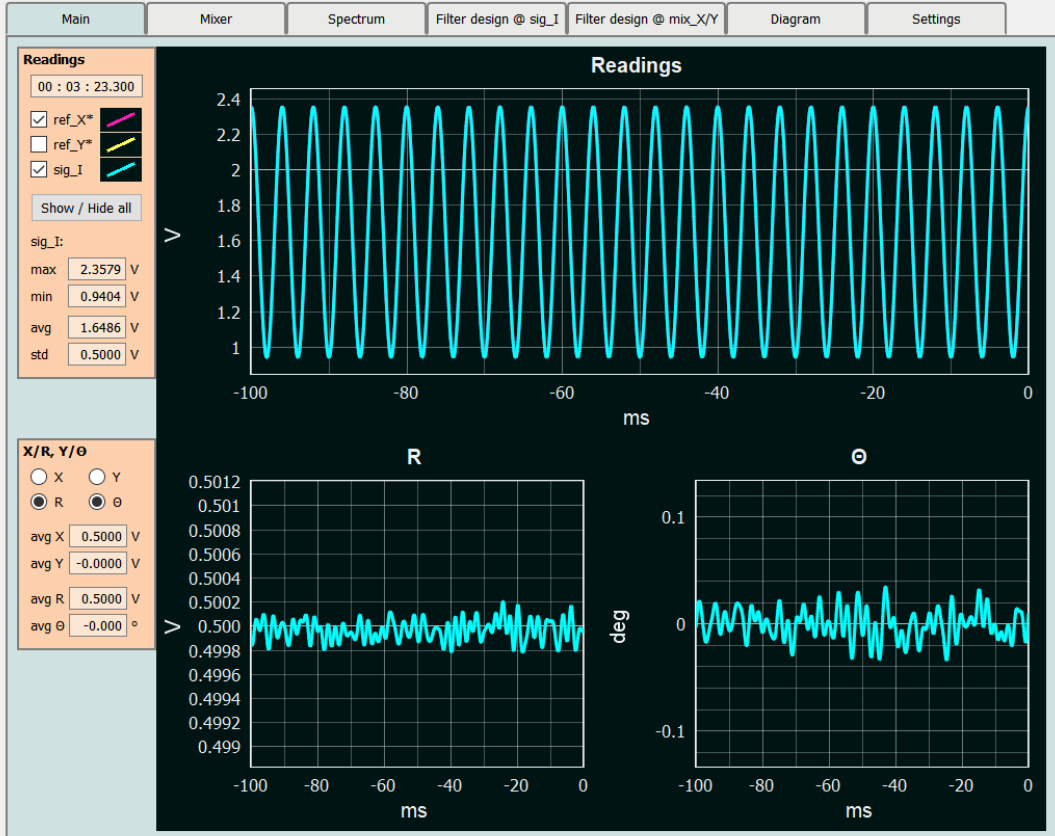
Sample rate: 25,000 Hz  
CPU system : 13.4%  
CPU process: 5.9%  
Blocks/s: 10.0  
2035

# Arduino lock-in amplifier

26-08-2021 17:41:25

Click to start recording to file

Exit  
[GitHub source](#)  
Dennis van Gils  
26-08-2021



Lock-in ON

Reference signal: ref\_X\*

waveform: Cosine

freq: 250.000 Hz

offset: 1.650 V

ampl: 0.500 V<sub>RMS</sub>

0.707 V

clipping?

Analog connections

Output: ref\_X\*

[ 0.0, 3.3] V

pin A0 wrt GND

Input: sig\_I

[ 0.0, 3.3] V

pin A1 wrt GND

Zoom timeseries

Full range

Auto range

Auto x

Auto y

Filters settled?

Filter @ sig\_I YES

Filter @ mix\_X/Y YES

