

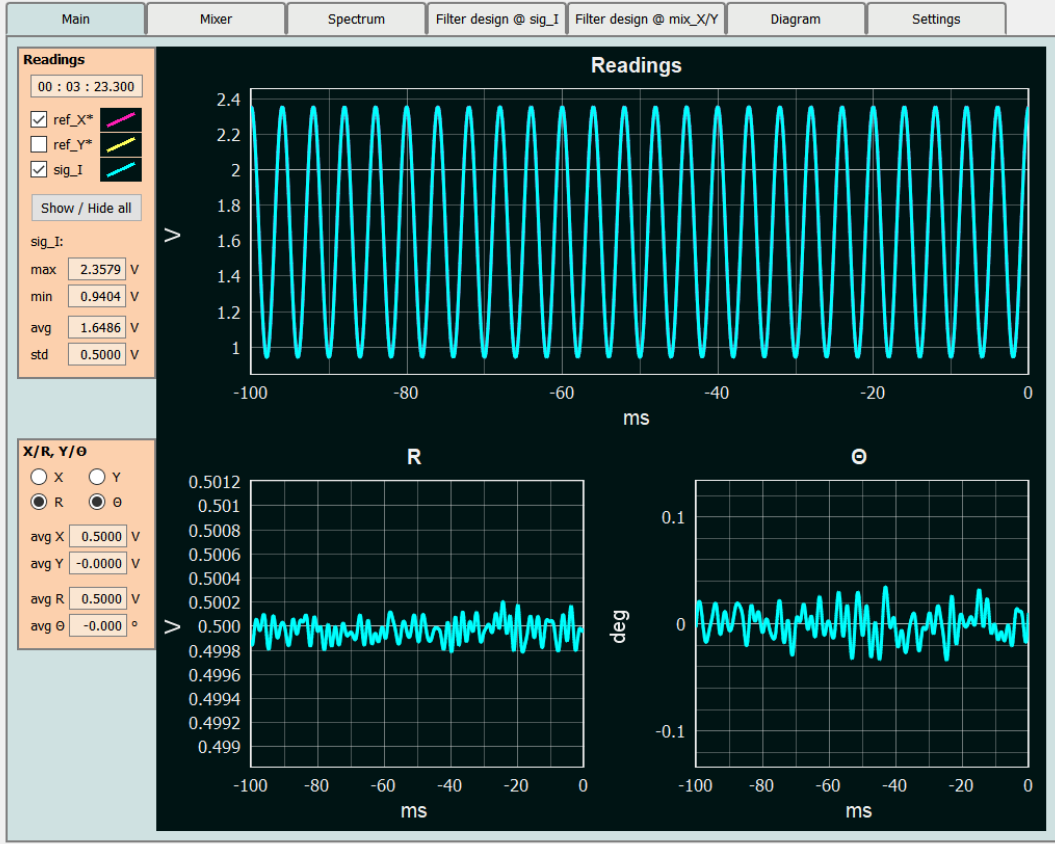
Sample rate: 25,000 Hz
CPU system : 13.4%
CPU process: 5.9%
Blocks/s: 10.0
2035

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_{RMS}

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

