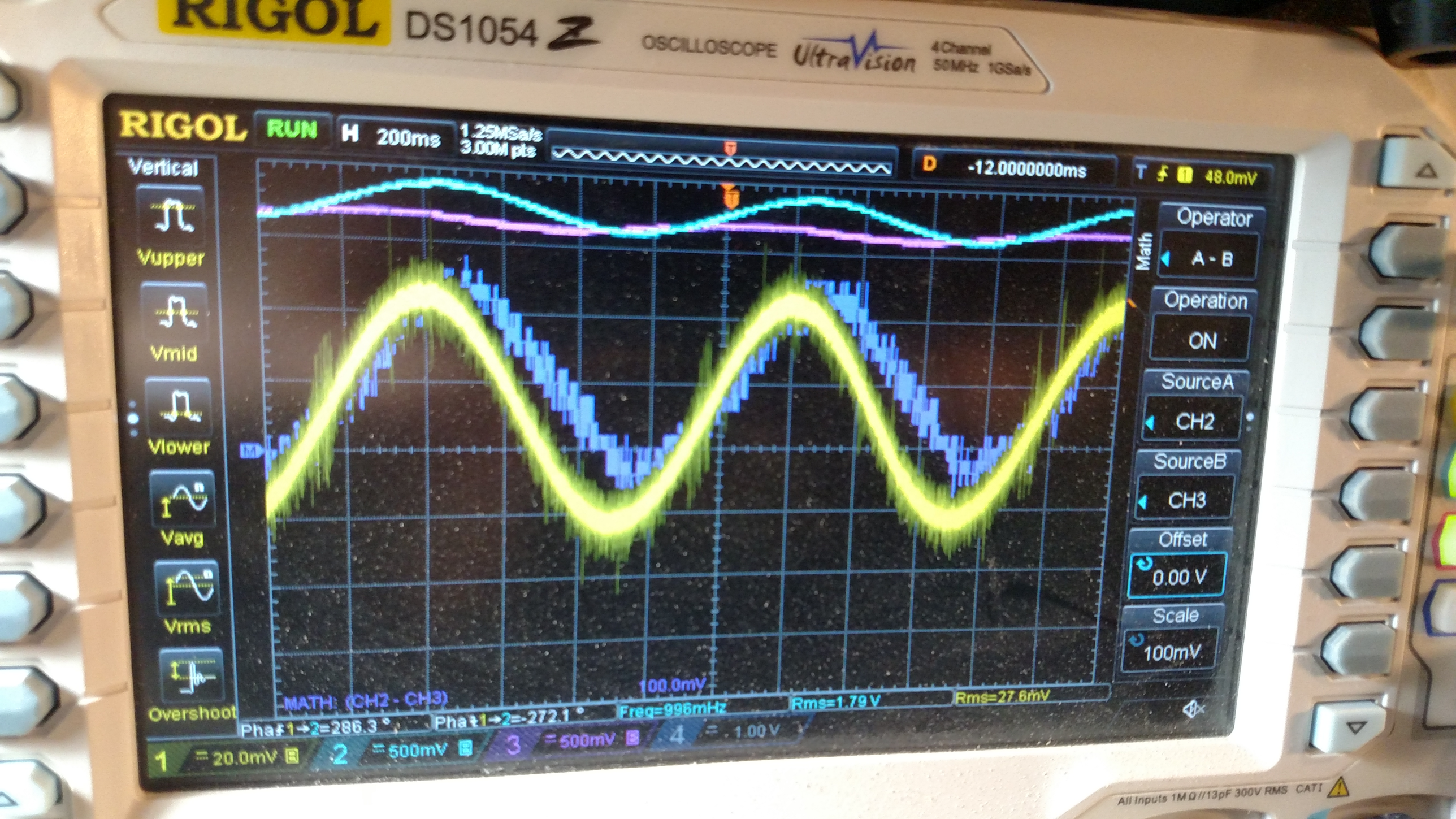
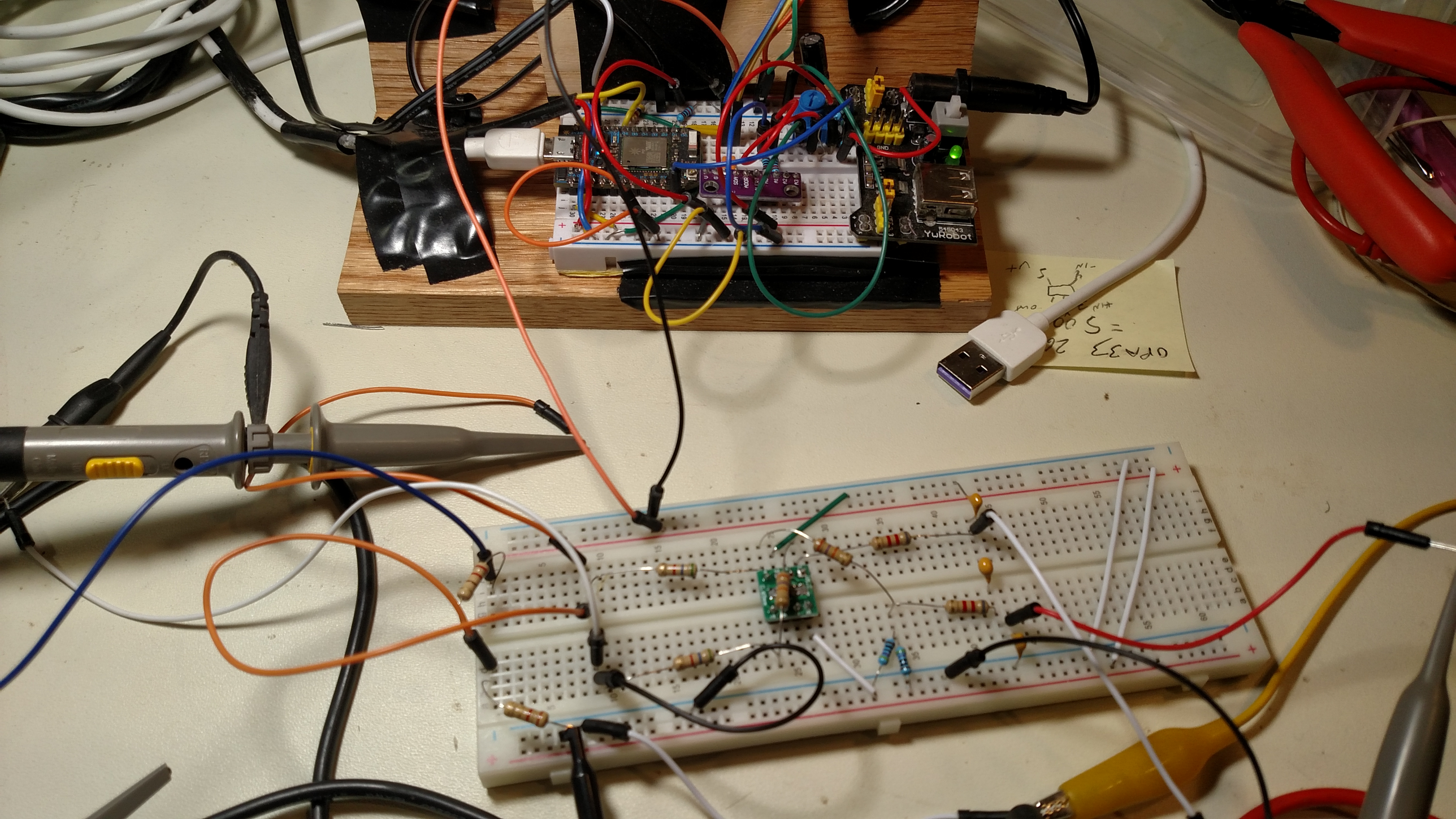
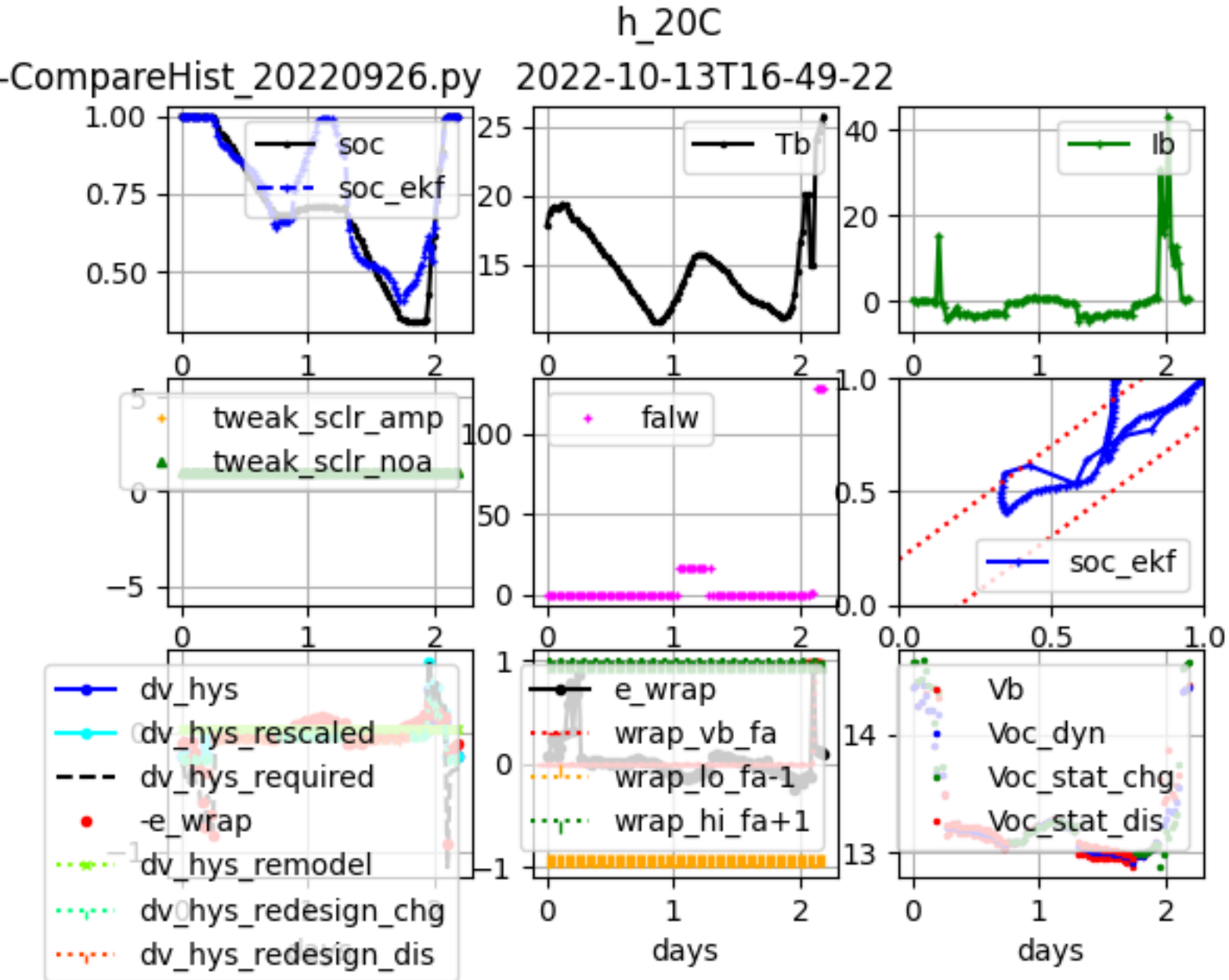
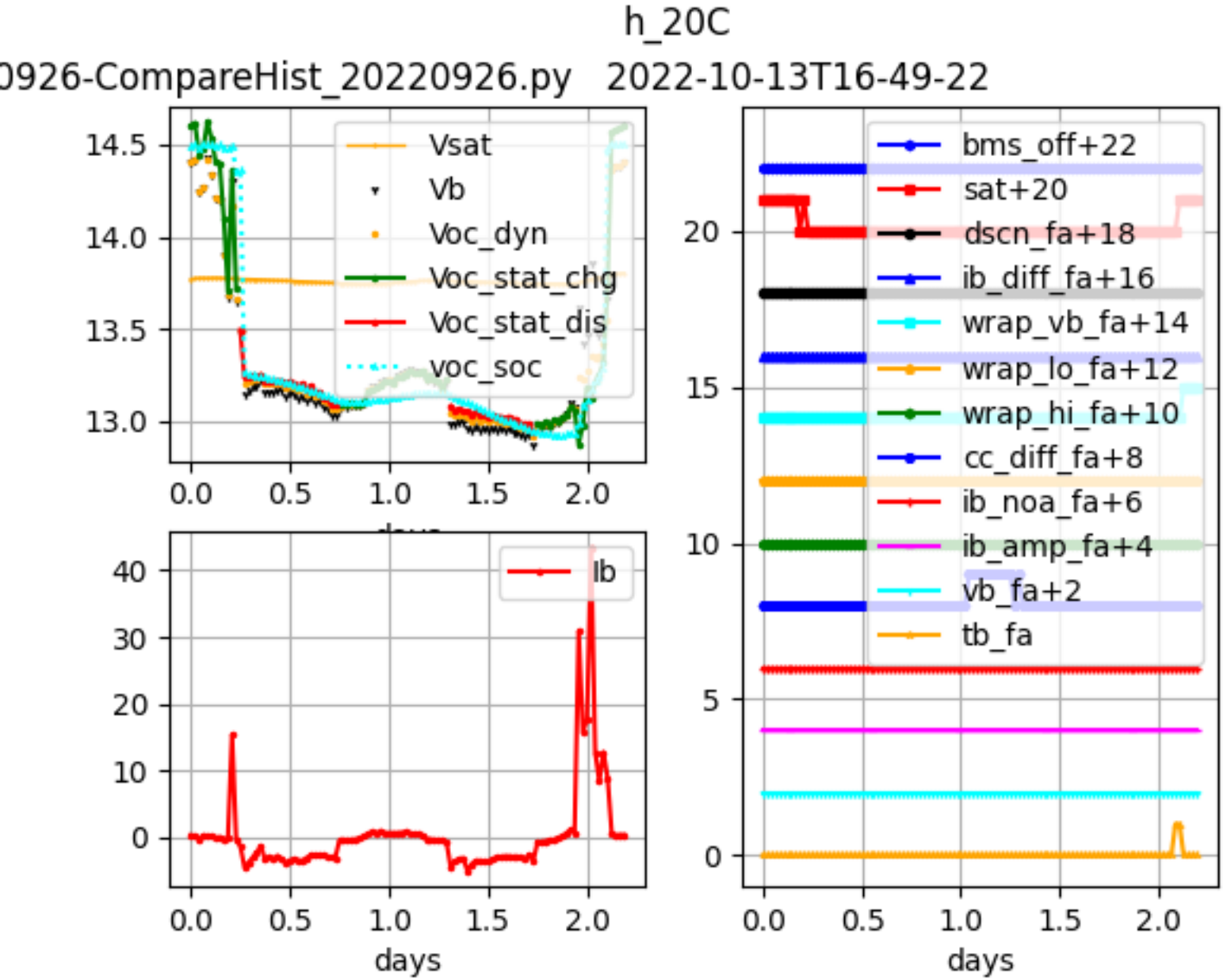
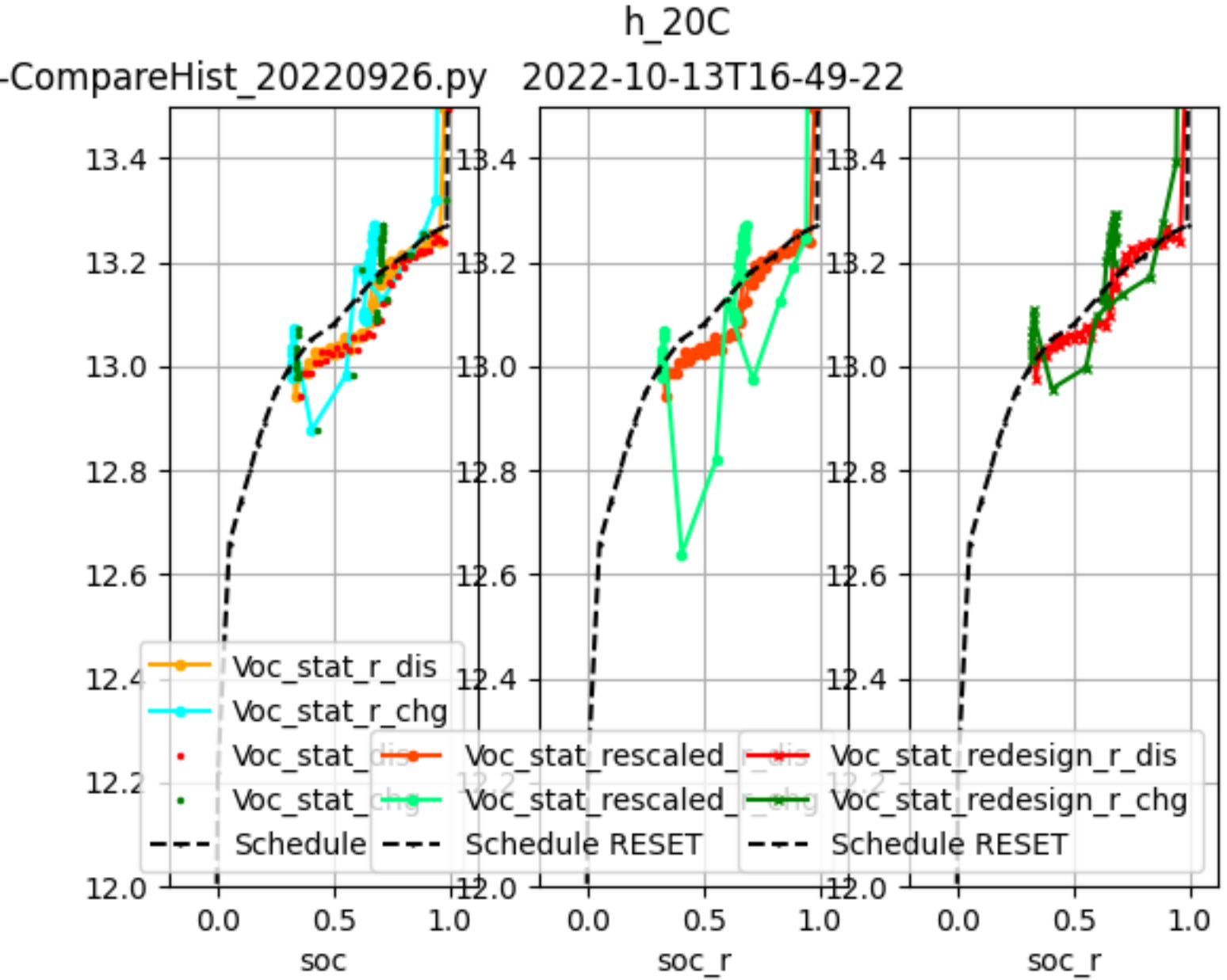
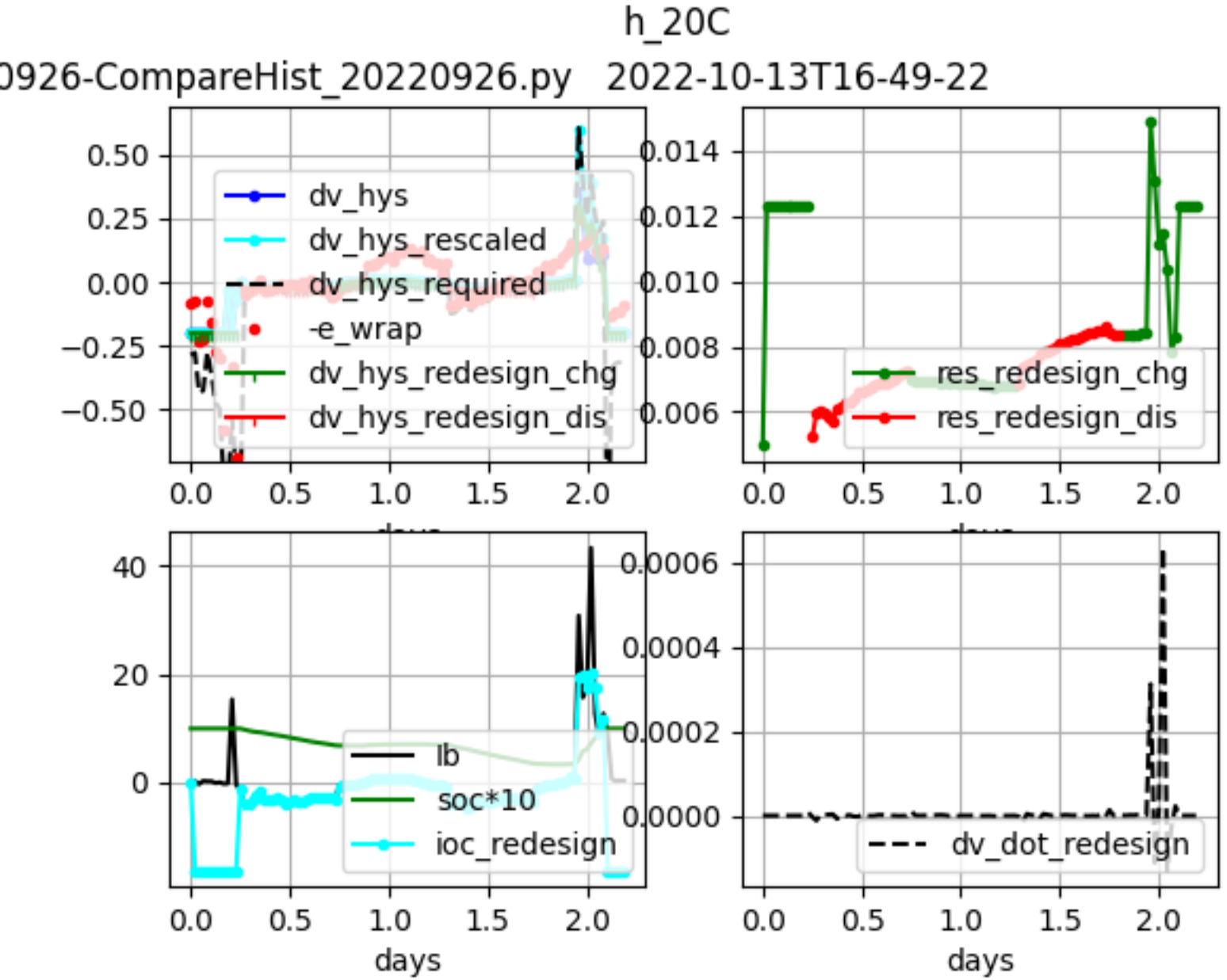

RIGOL
DS1054 Z
OSCILLOSCOPE
UltraVision
4Channel
50MHz 1GSa/s
RIGOL
RUN
H 200ms
1.25MSa/s
3.00M pts
D -12.0000000ms
T 48.0mV
Vertical
Vupper
Vmid
Vlower
Vavg
Vrms
Overshoot
Math
Operator
A - B
Operation
ON
SourceA
CH2
SourceB
CH3
Offset
0.00 V
Scale
100mV
100.0mV
MATH: (CH2 - CH3)
Freq=996mHz
Rms=1.79 V
Rms=27.6mV
Pha 1→2=286.3 °
Pha 1→2=-272.1 °
1 20.0mV
2 500mV
3 500mV
4 1.00 V
All Inputs 1MΩ//13pF 300V RMS CAT I

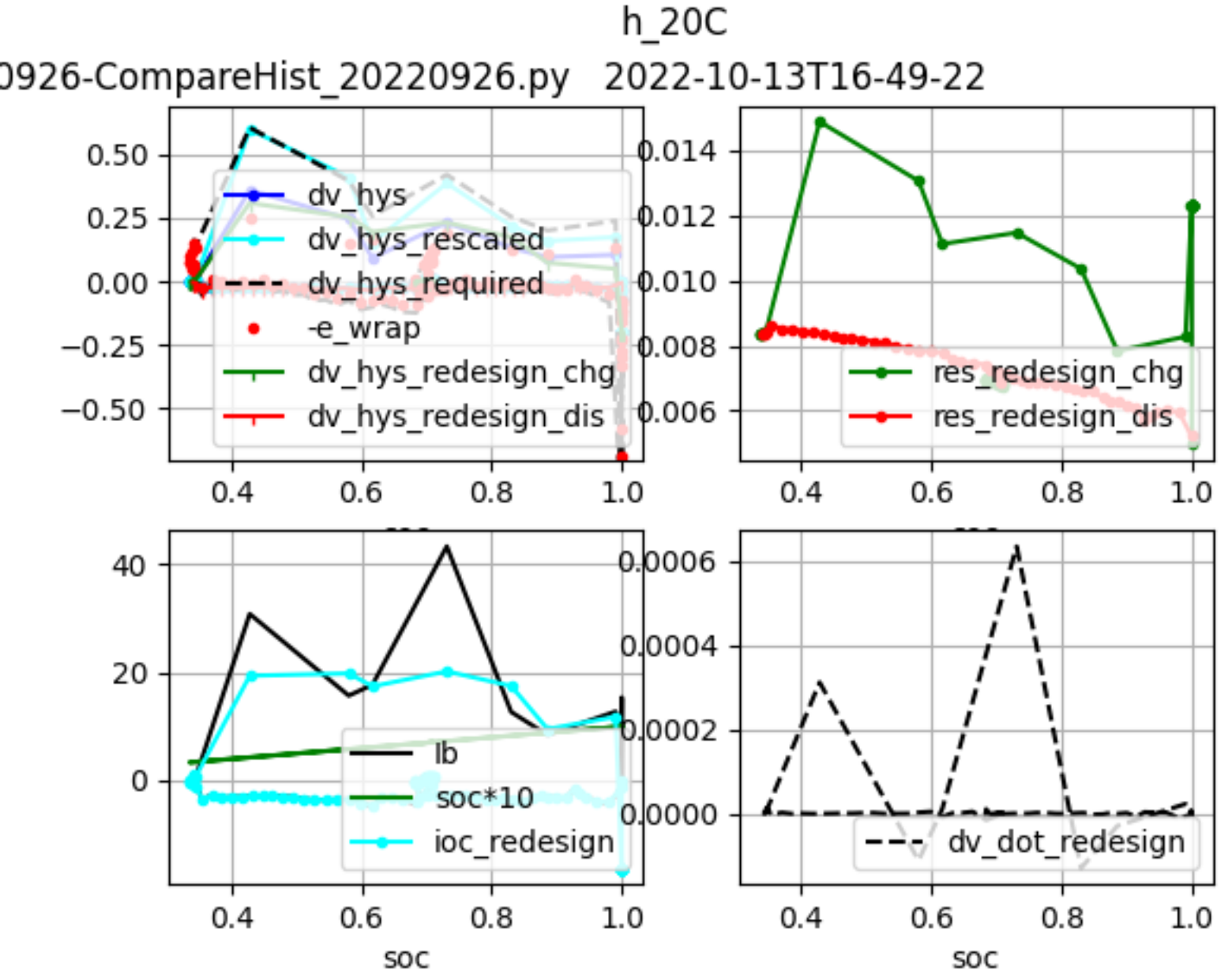

YuRobot
GND
OPA333

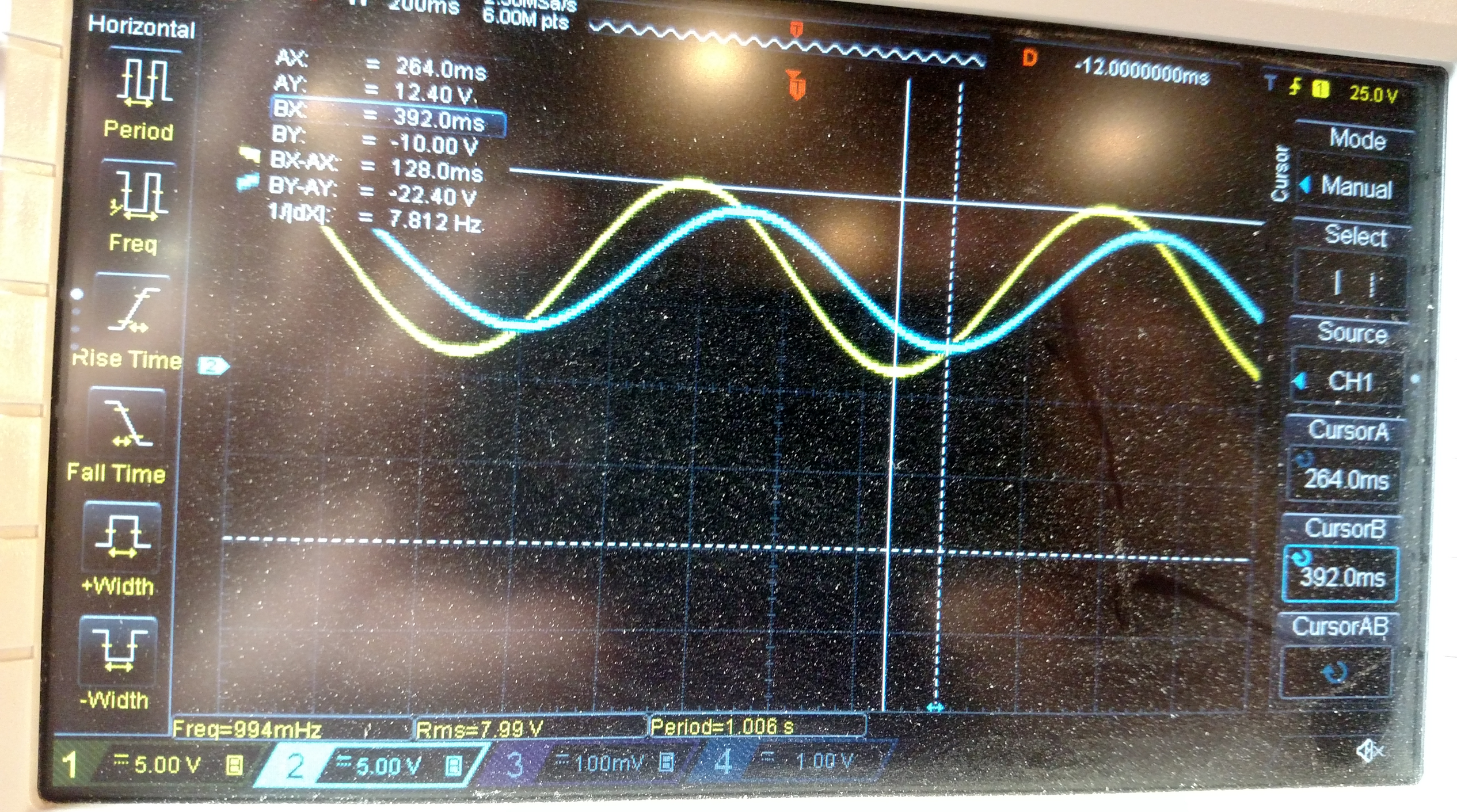

h_20C
-CompareHist_20220926.py 2022-10-13T16-49-22
soc
soc_ekf
Tb
Ib
tweak_sclr_amp
tweak_sclr_noa
falw
soc_ekf
dv_hys
dv_hys_rescaled
dv_hys_required
-e_wrap
dv_hys_remodel
dv_hys_redesign_chg
dv_hys_redesign_dis
e_wrap
wrap_vb_fa
wrap_lo_fa-1
wrap_hi_fa+1
Vb
Voc_dyn
Voc_stat_chg
Voc_stat_dis
days
days


h_20C
0926-CompareHist_20220926.py 2022-10-13T16-49-22
Vsat
Vb
Voc_dyn
Voc_stat_chg
Voc_stat_dis
voc_soc
Ib
days
bms_off+22
sat+20
dscn_fa+18
ib_diff_fa+16
wrap_vb_fa+14
wrap_lo_fa+12
wrap_hi_fa+10
cc_diff_fa+8
ib_noa_fa+6
ib_amp_fa+4
vb_fa+2
tb_fa
days


h_20C
-CompareHist_20220926.py 2022-10-13T16-49-22
13.4
13.2
13.0
12.8
12.6
12.4
12.2
12.0
0.0
0.5
1.0
soc
soc_r
soc_r
Voc_stat_r_dis
Voc_stat_r_chg
Voc_stat_
Voc_stat_
Schedule
Voc_stat_rescaled_
Voc_stat_rescaled_
Schedule RESET
Voc_stat_redesign_r_dis
Voc_stat_redesign_r_chg
Schedule RESET


h_20C
0926-CompareHist_20220926.py 2022-10-13T16-49-22
dv_hys
dv_hys_rescaled
dv_hys_required
-e_wrap
dv_hys_redesign_chg
dv_hys_redesign_dis
res_redesign_chg
res_redesign_dis
Ib
soc*10
ioc_redesign
dv_dot_redesign
days
days


h_20C
0926-CompareHist_20220926.py 2022-10-13T16-49-22
dv_hys
dv_hys_rescaled
dv_hys_required
-e_wrap
dv_hys_redesign_chg
dv_hys_redesign_dis
res_redesign_chg
res_redesign_dis
lb
soc*10
ioc_redesign
dv_dot_redesign
soc
soc


Horizontal
200ms
2.50MSa/s
6.00M pts
AX: = 264.0ms
AY: = 12.40 V
BX: = 392.0ms
BY: = -10.00 V
BX-AX: = 128.0ms
BY-AY: = -22.40 V
1/dX: = 7.812 Hz
-12.0000000ms
25.0 V
Period
Freq
Rise Time
Fall Time
+Width
-Width
Cursor
Mode
Manual
Select
Source
CH1
CursorA
264.0ms
CursorB
392.0ms
CursorAB
Freq=994mHz
Rms=7.99 V
Period=1.006 s
1 5.00 V
2 5.00 V
3 100mV
4 1.00 V