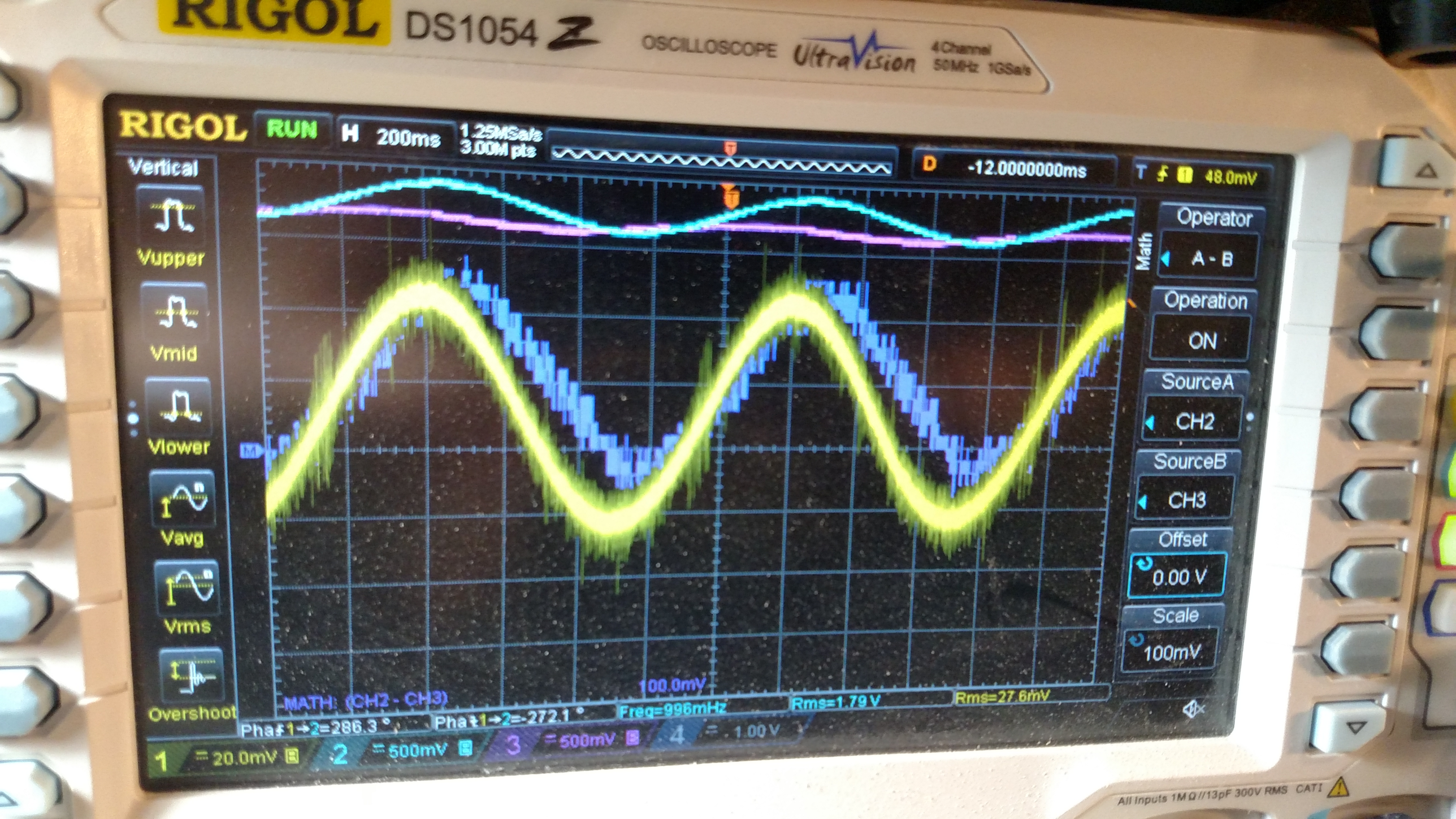
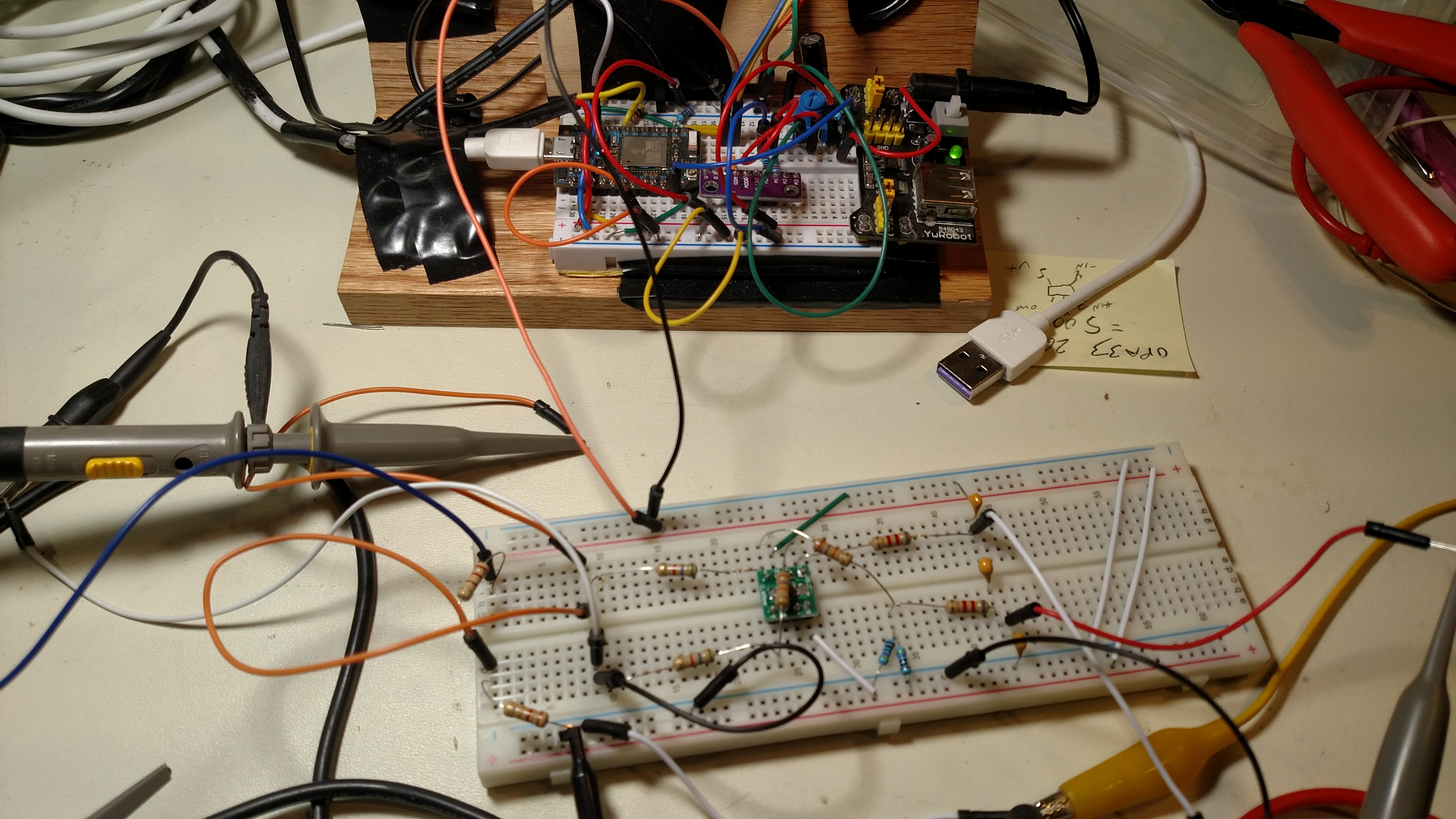
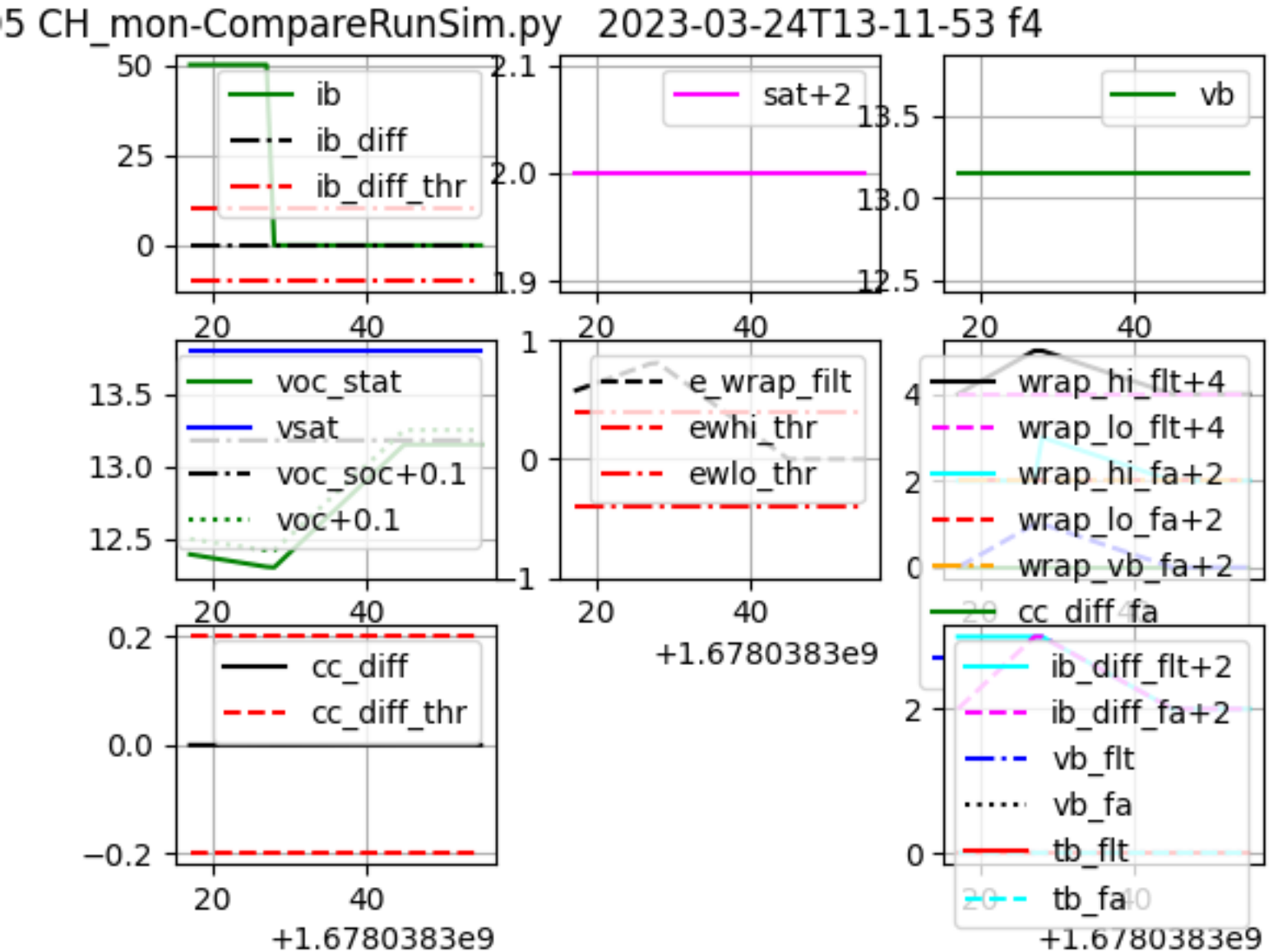
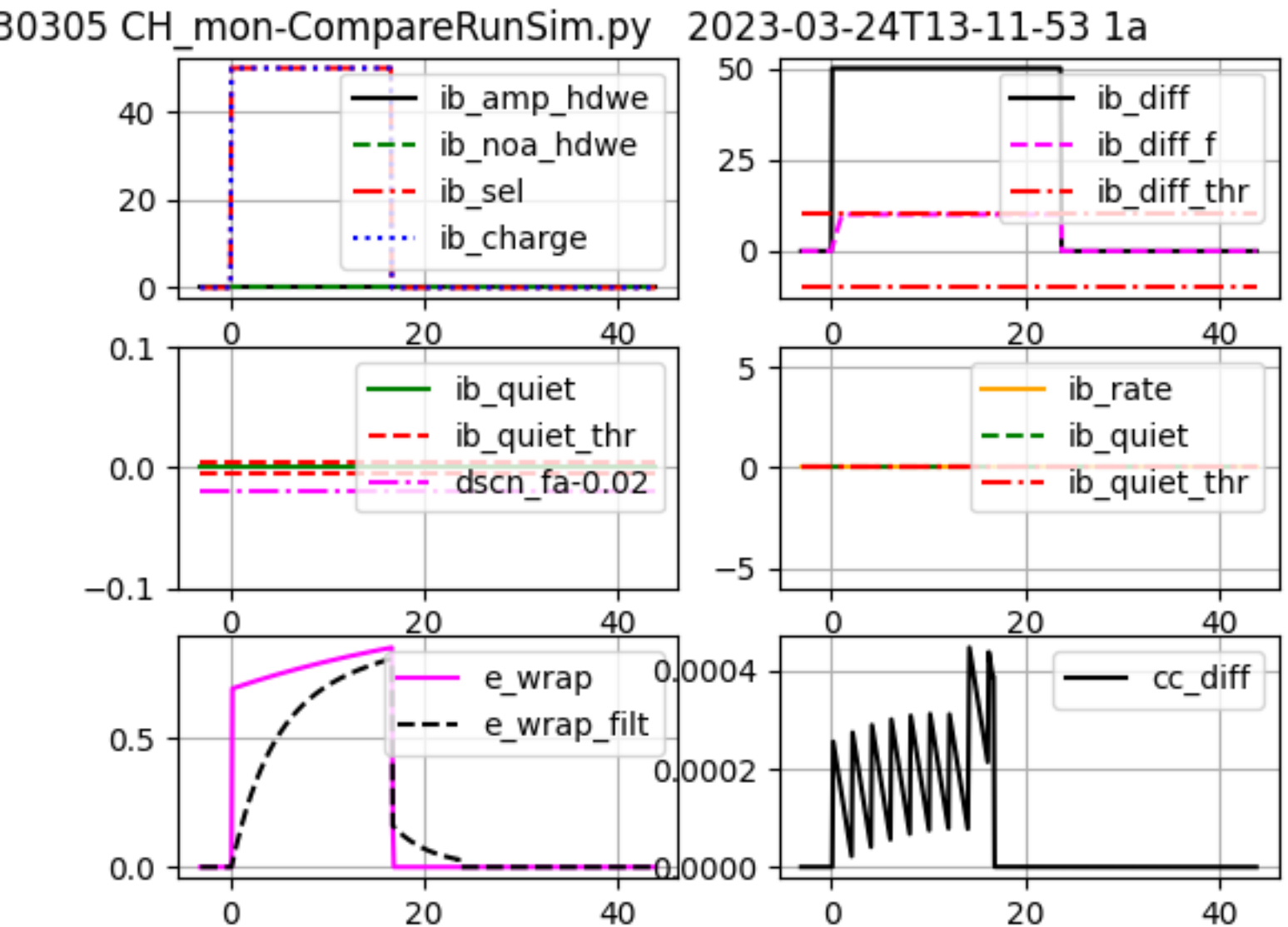
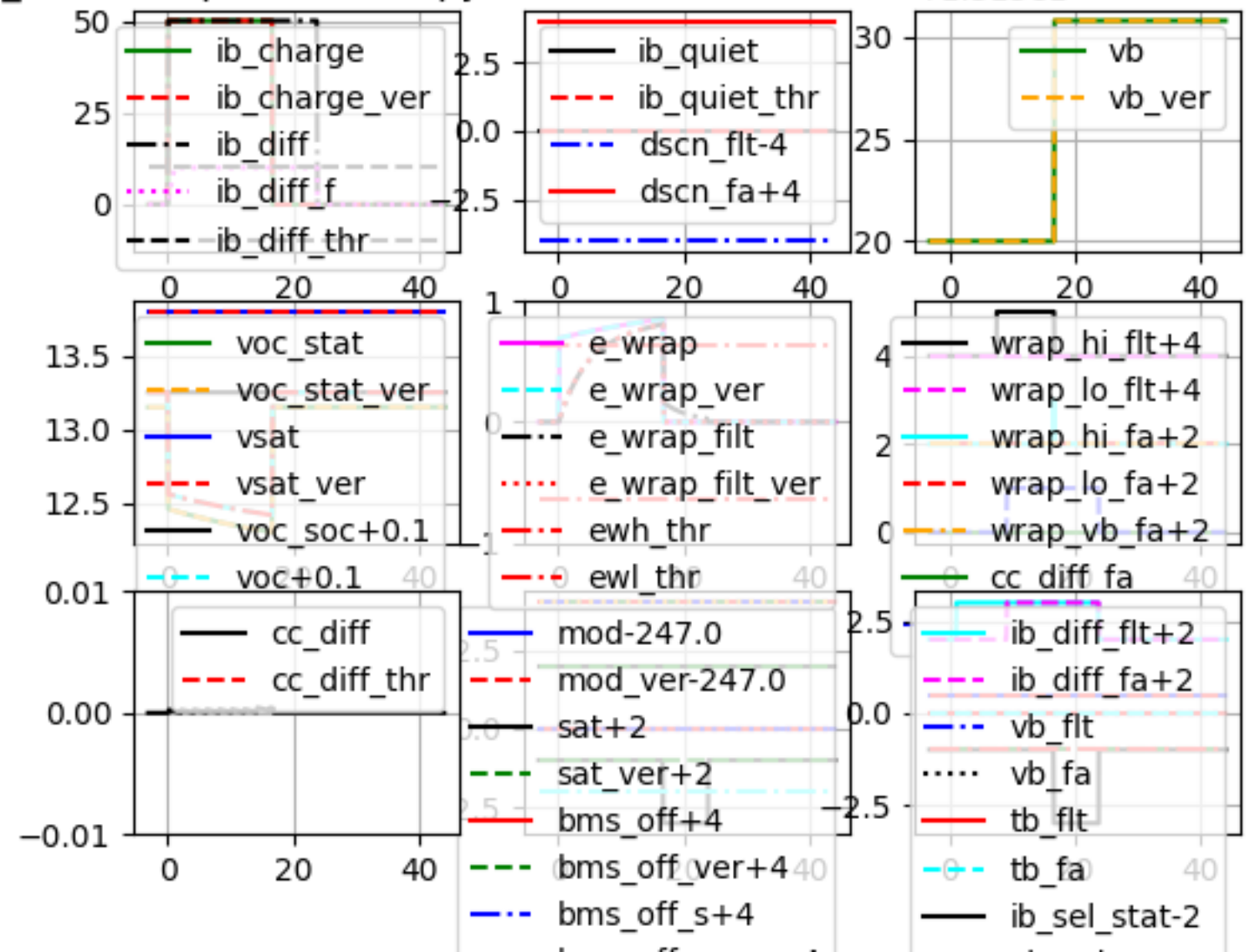

RIGOL
DS1054 Z
OSCILLOSCOPE
UltraVision
4Channel
50MHz 1GSa/s
RIGOL
RUN
H 200ms
1.25MSa/s
3.00M pts
D -12.0000000ms
T 48.0mV
Vertical
Vupper
Vmid
Vlower
Vavg
Vrms
Overshoot
Math
Operator
A - B
Operation
ON
SourceA
CH2
SourceB
CH3
Offset
0.00 V
Scale
100mV
100.0mV
MATH: (CH2 - CH3)
Freq=996mHz
Rms=1.79 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

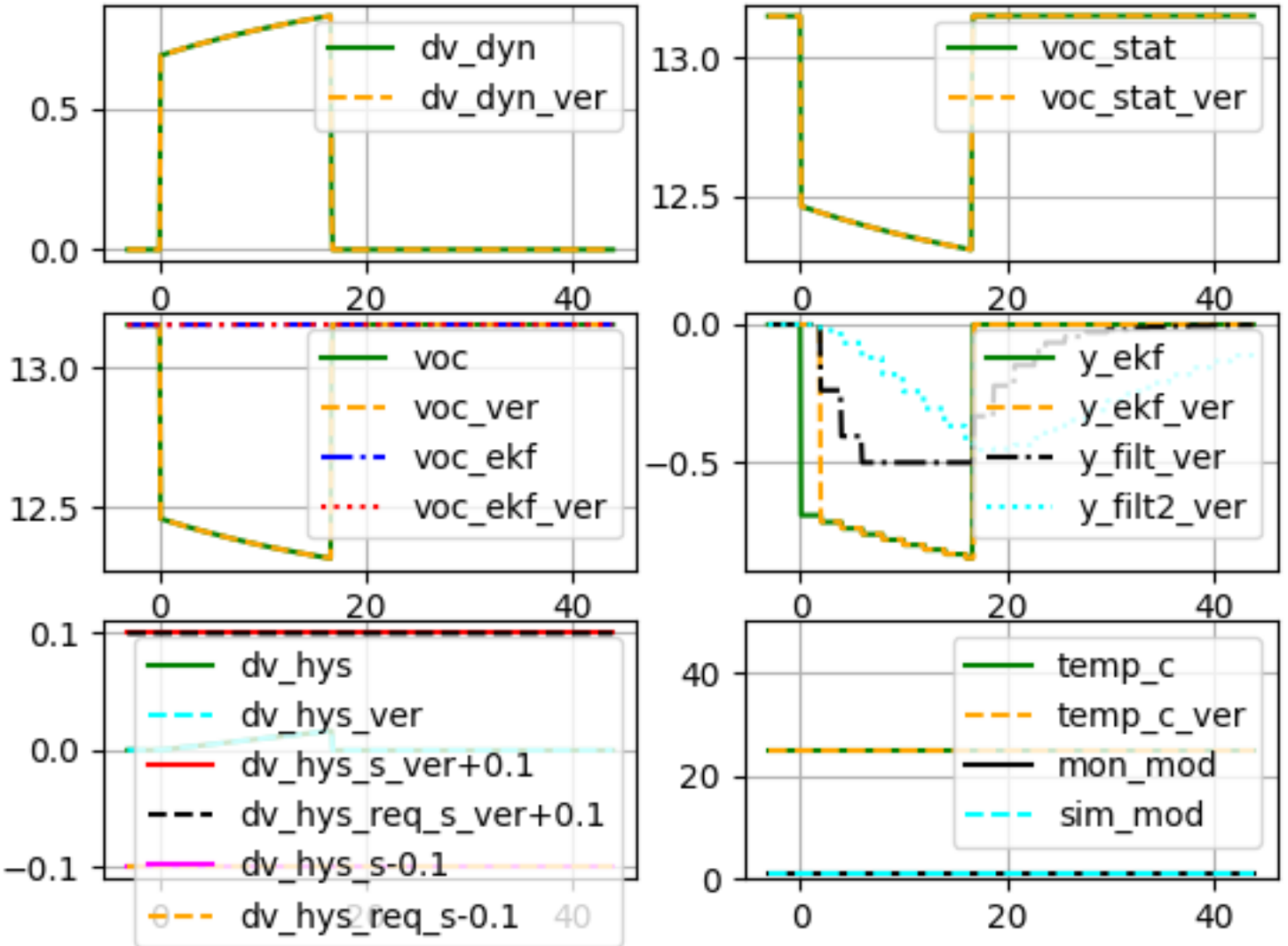

5 CH_mon-CompareRunSim.py 2023-03-24T13-11-53 f4
ib
ib_diff
ib_diff_thr
sat+2
vb
voc_stat
vsat
voc_soc+0.1
voc+0.1
e_wrap_filt
ewhi_thr
ewlo_thr
wrap_hi_flt+4
wrap_lo_flt+4
wrap_hi_fa+2
wrap_lo_fa+2
wrap_vb_fa+2
cc_diff_fa
cc_diff
cc_diff_thr
ib_diff_flt+2
ib_diff_fa+2
vb_flt
vb_fa
tb_flt
tb_fa
+1.6780383e9
+1.6780383e9
+1.6780383e9


30305 CH_mon-CompareRunSim.py 2023-03-24T13-11-53 1a
ib_amp_hdwe
ib_noa_hdwe
ib_sel
ib_charge
ib_diff
ib_diff_f
ib_diff_thr
ib_quiet
ib_quiet_thr
dscn_fa-0.02
ib_rate
ib_quiet
ib_quiet_thr
e_wrap
e_wrap_filt
cc_diff

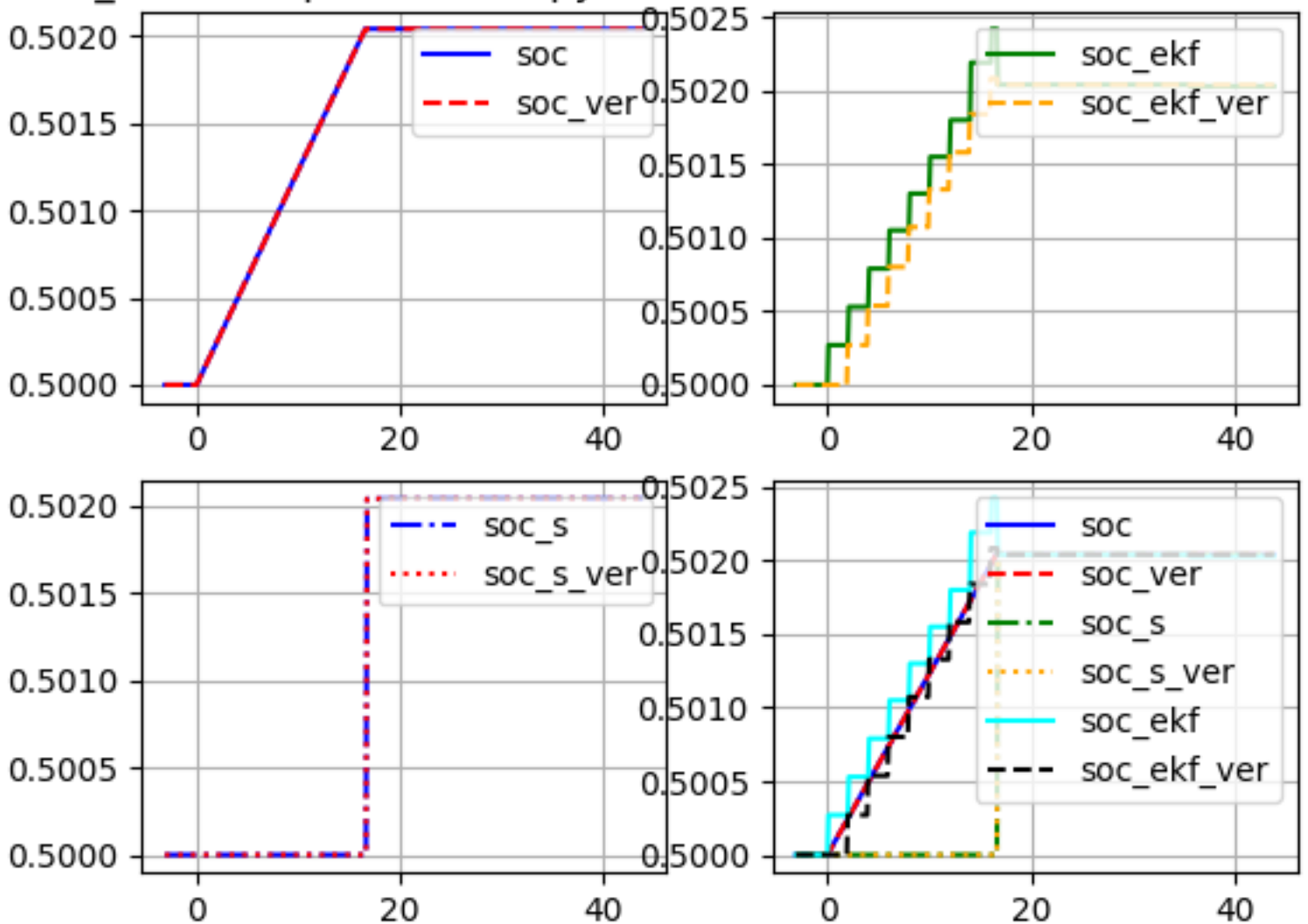
CH_mon-CompareRunSim.py 2023-03-24T13-11-53.DOM4.1

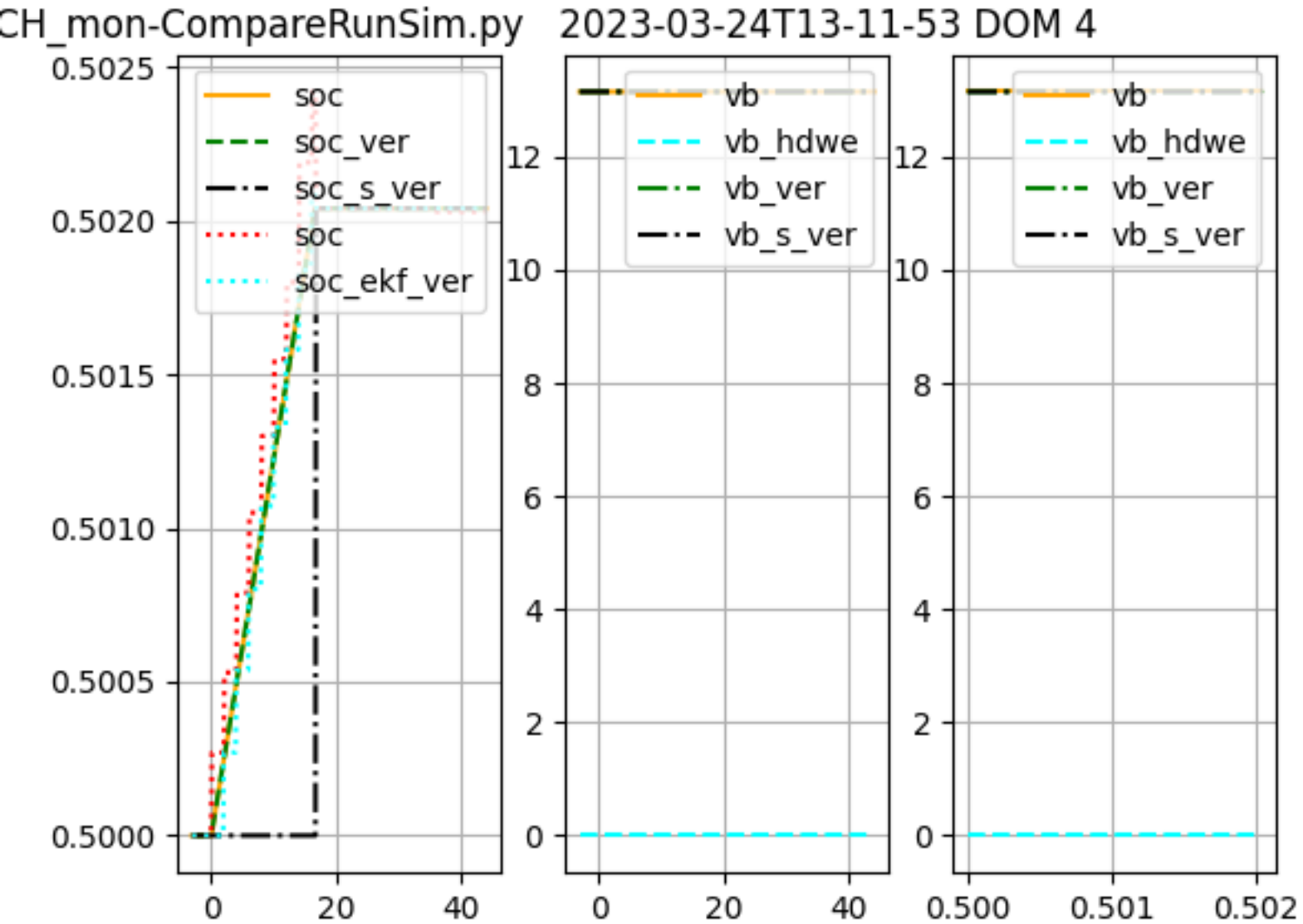
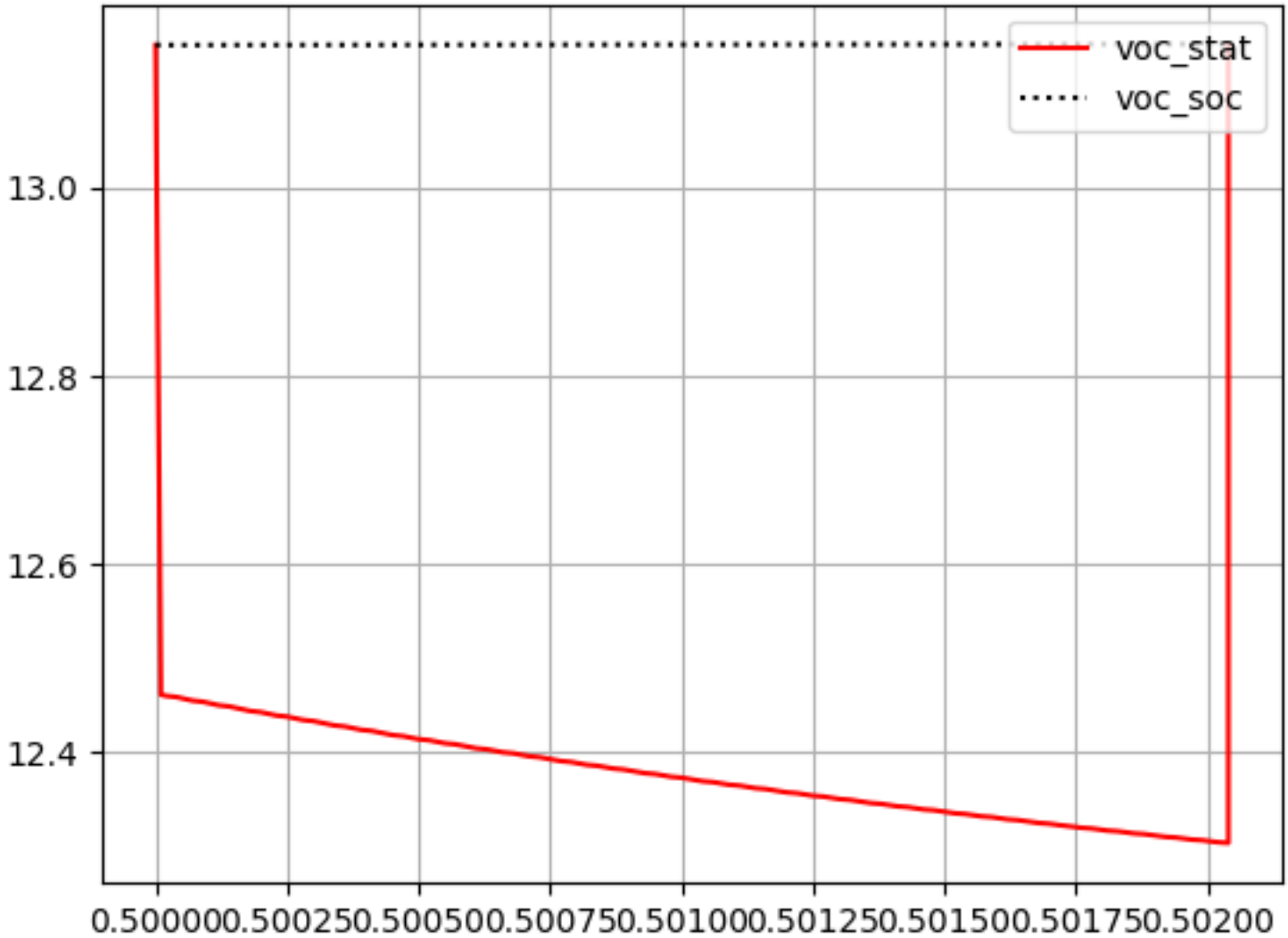


305 CH_mon-CompareRunSim.py 2023-03-24T13-11-53 DOM 2



305 CH_mon-CompareRunSim.py 2023-03-24T13-11-53 DOM 3




CH_mon-CompareRunSim.py 2023-03-24T13-11-53 DOM 4
soc
soc_ver
soc_s_ver
soc
soc_ekf_ver
vb
vb_hdwe
vb_ver
vb_s_ver
vb
vb_hdwe
vb_ver
vb_s_ver
0.5025
0.5020
0.5015
0.5010
0.5005
0.5000
0
20
40
12
10
8
6
4
2
0
0
20
40
12
10
8
6
4
2
0
0.500
0.501
0.502

mpHiFail v20230305 CH_mon-CompareRunSim.py 2023-03-24T13-11-53 EK