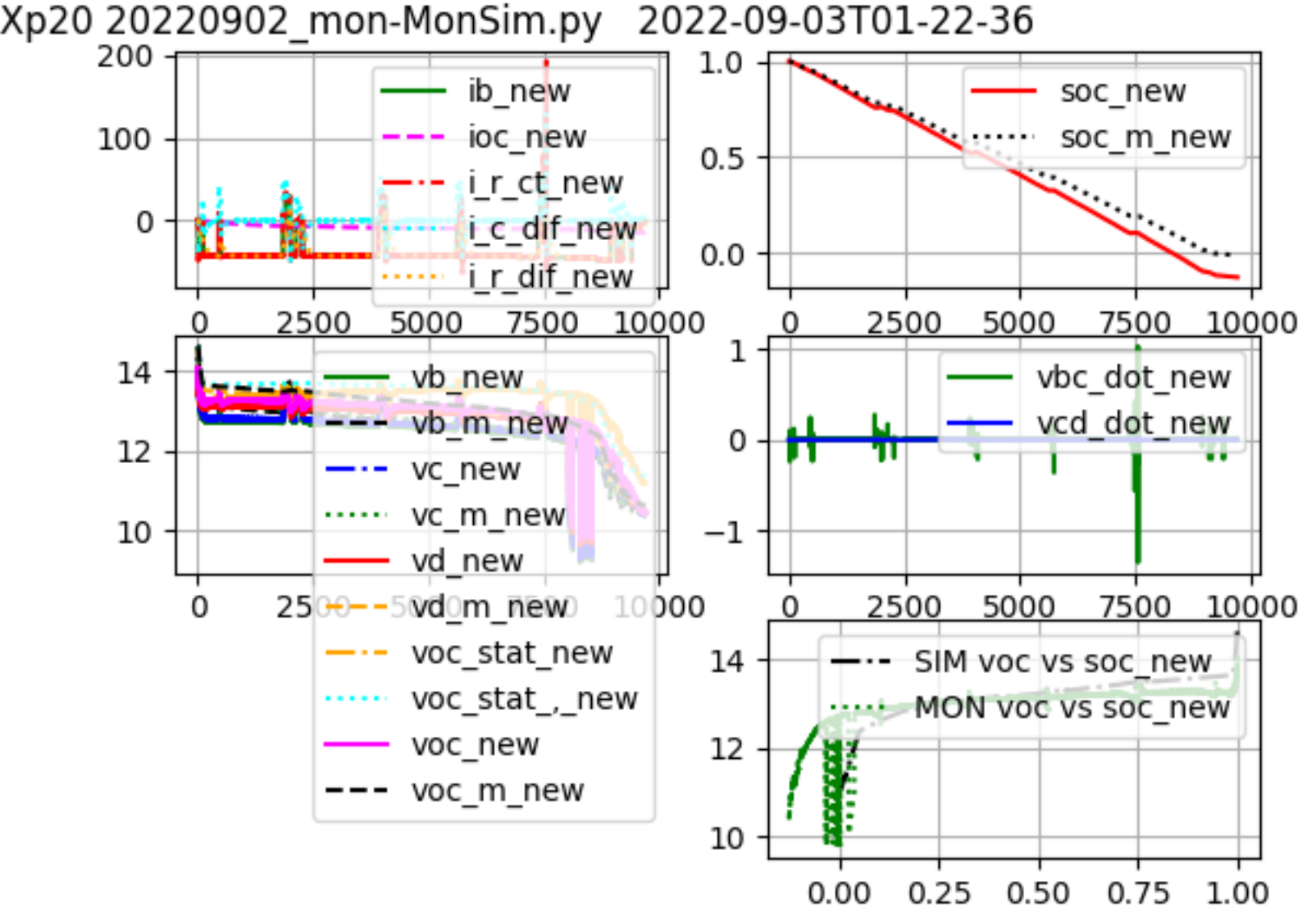
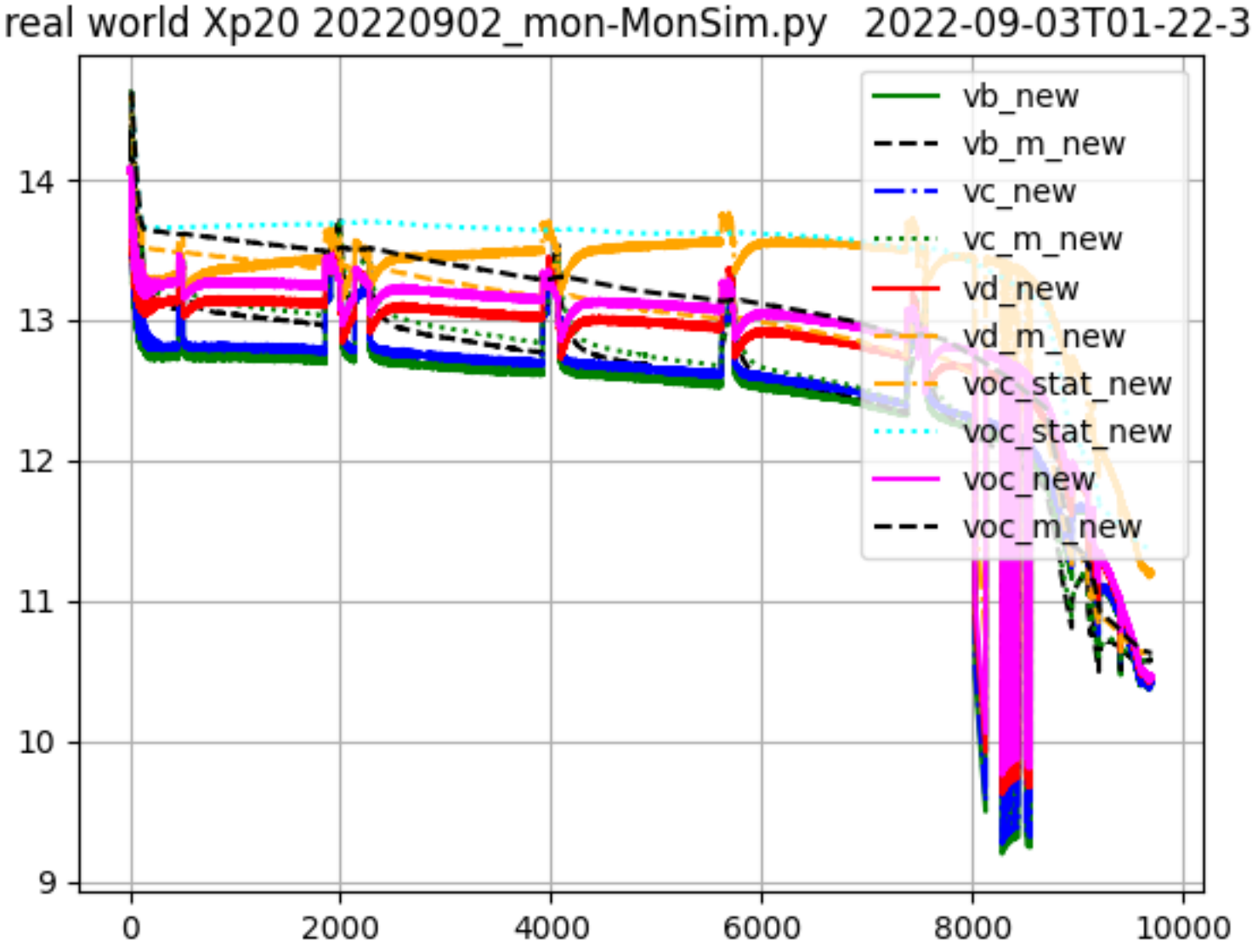
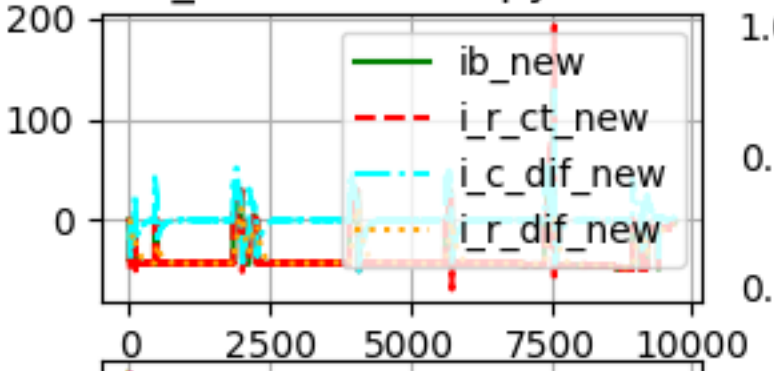
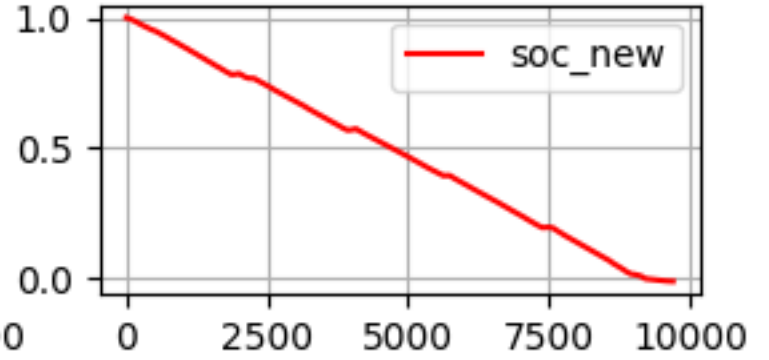
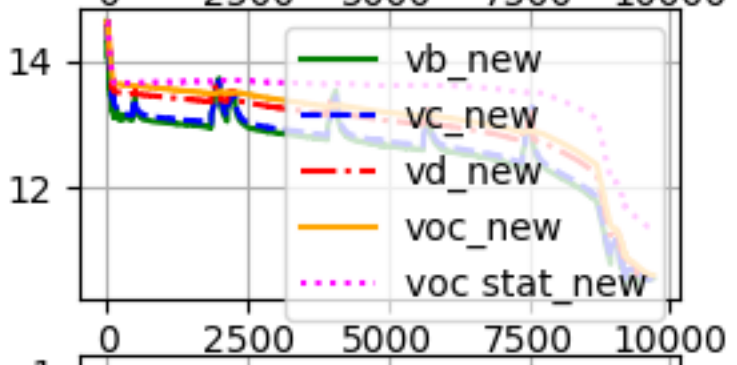

Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
ib_new
ioc_new
i_r_ct_new
i_c_dif_new
i_r_dif_new
soc_new
soc_m_new
vb_new
vb_m_new
vc_new
vc_m_new
vd_new
vd_m_new
voc_stat_new
voc_stat_,_new
voc_new
voc_m_new
vbc_dot_new
vcd_dot_new
SIM voc vs soc_new
MON voc vs soc_new

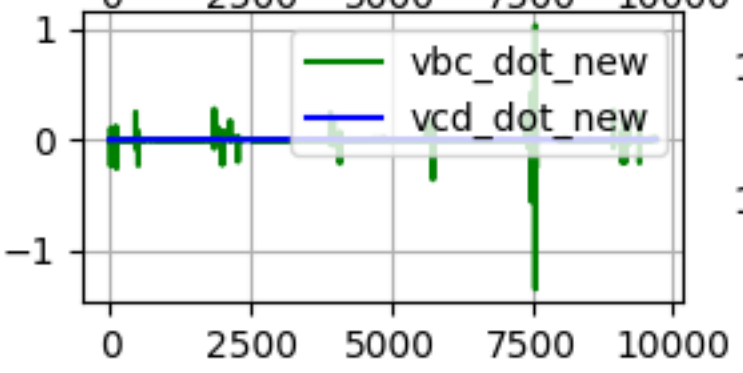

real world Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
vb_new
vb_m_new
vc_new
vc_m_new
vd_new
vd_m_new
voc_stat_new
voc_stat_new
voc_new
voc_m_new
14
13
12
11
10
9
0
2000
4000
6000
8000
10000

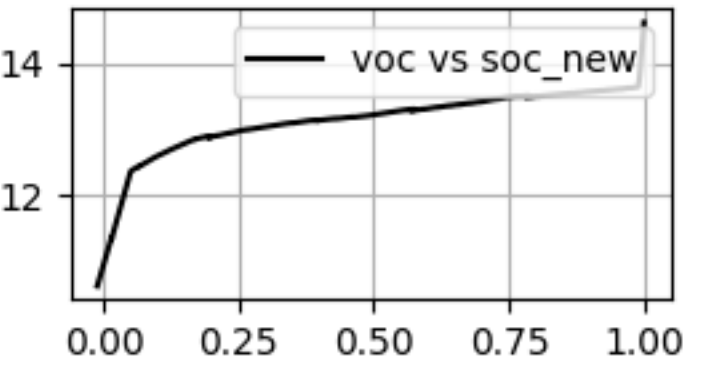
20 20220902_mon-MonSim.py 2022-09-03T01-22-36 **SIM

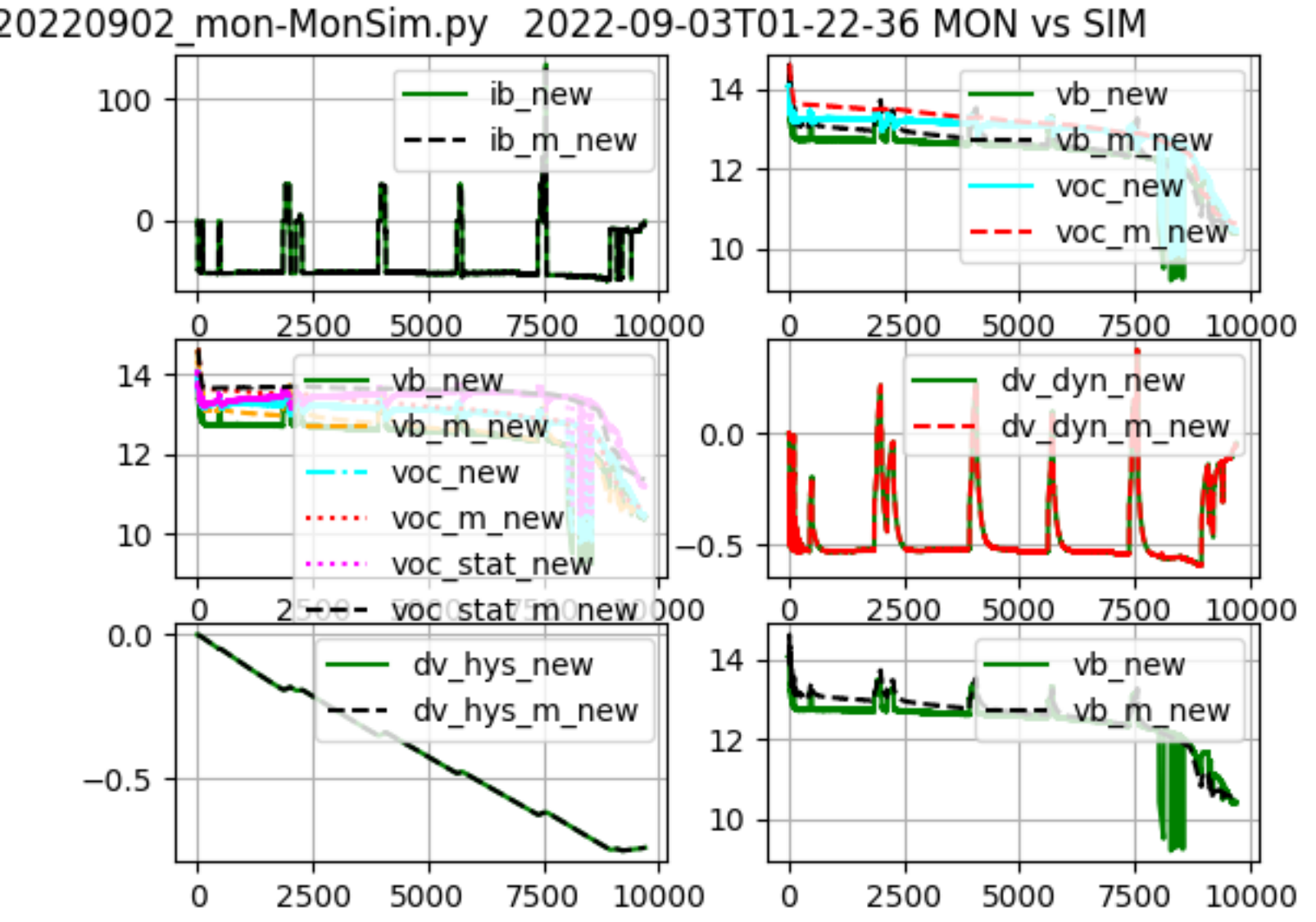


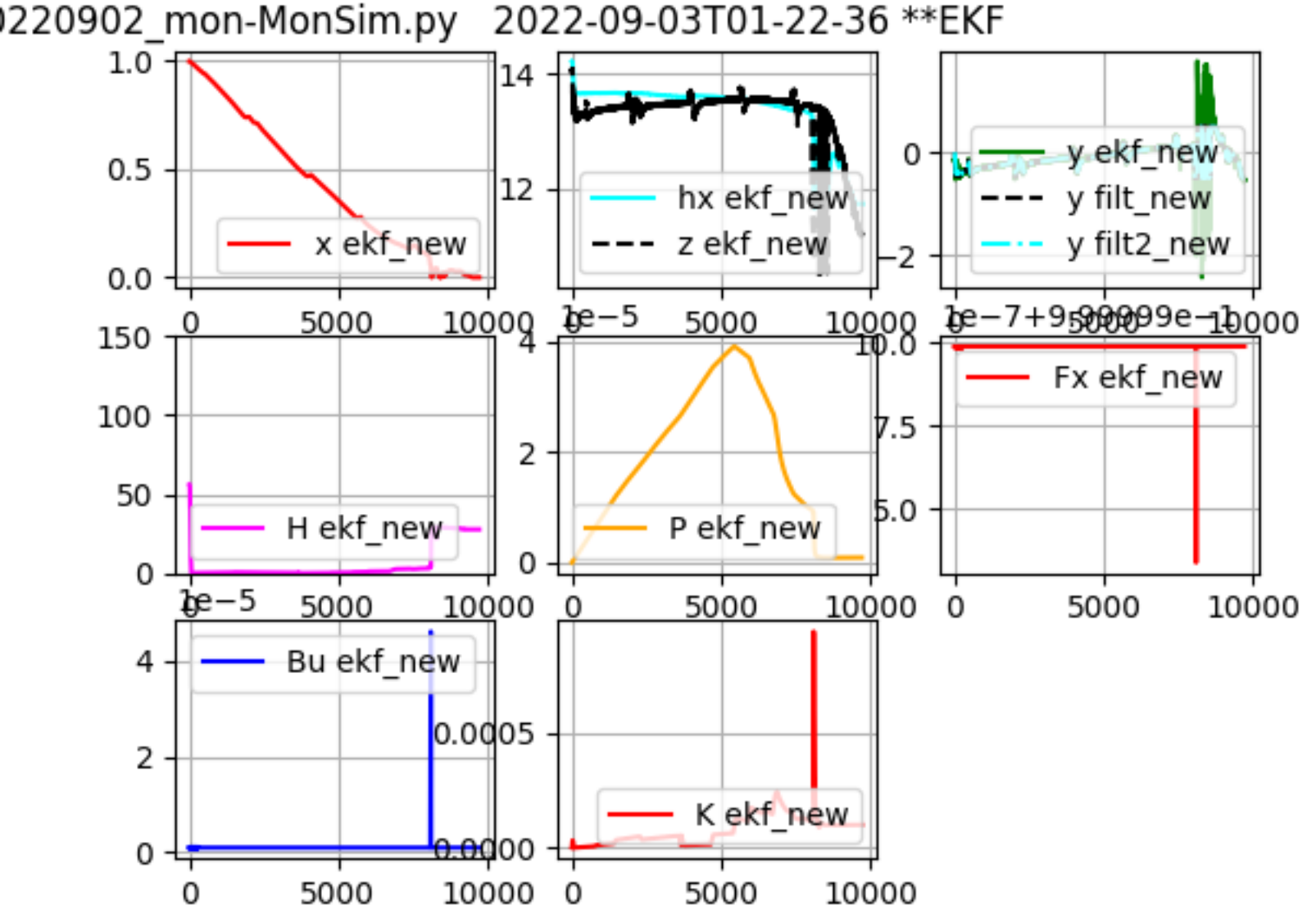


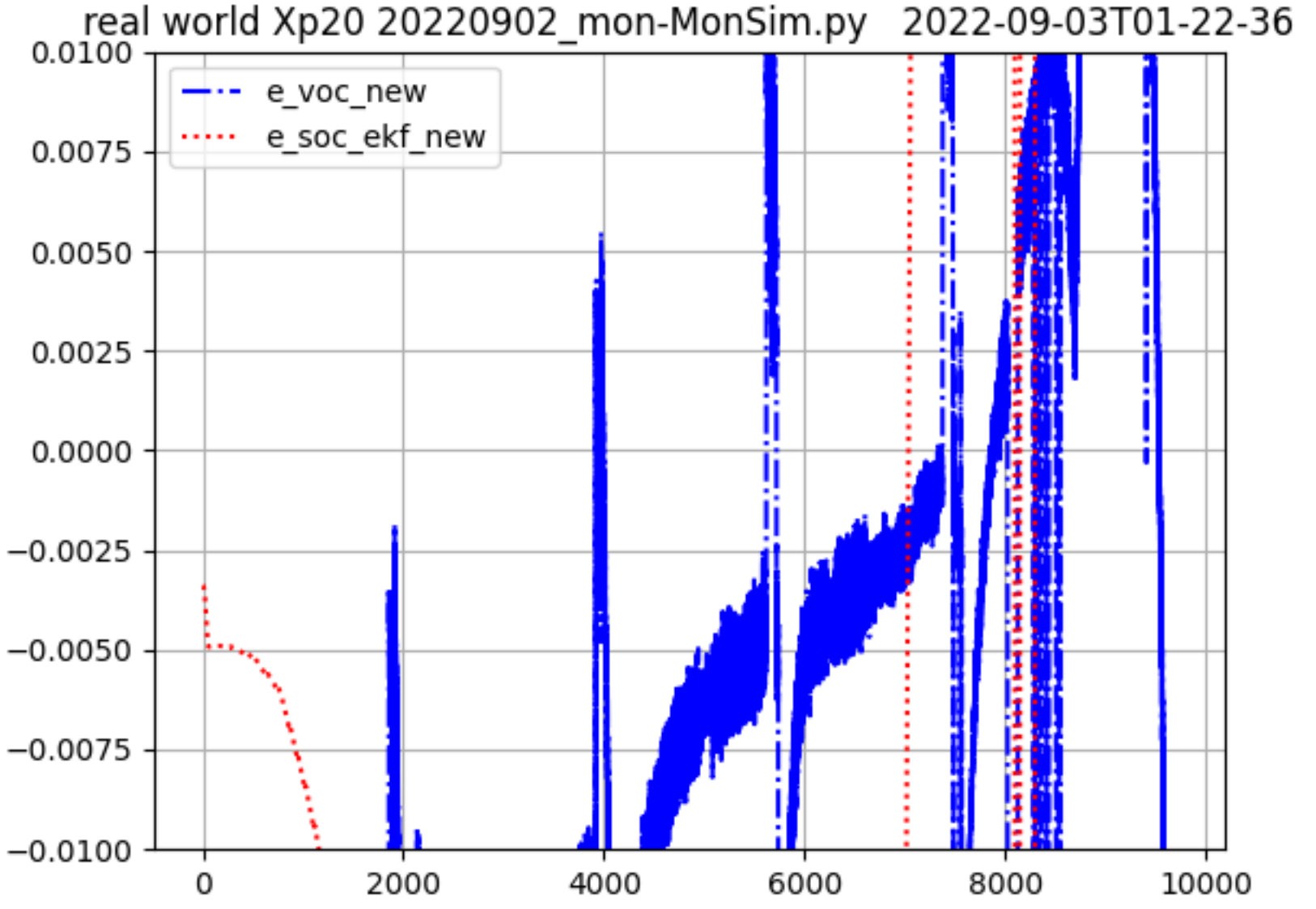


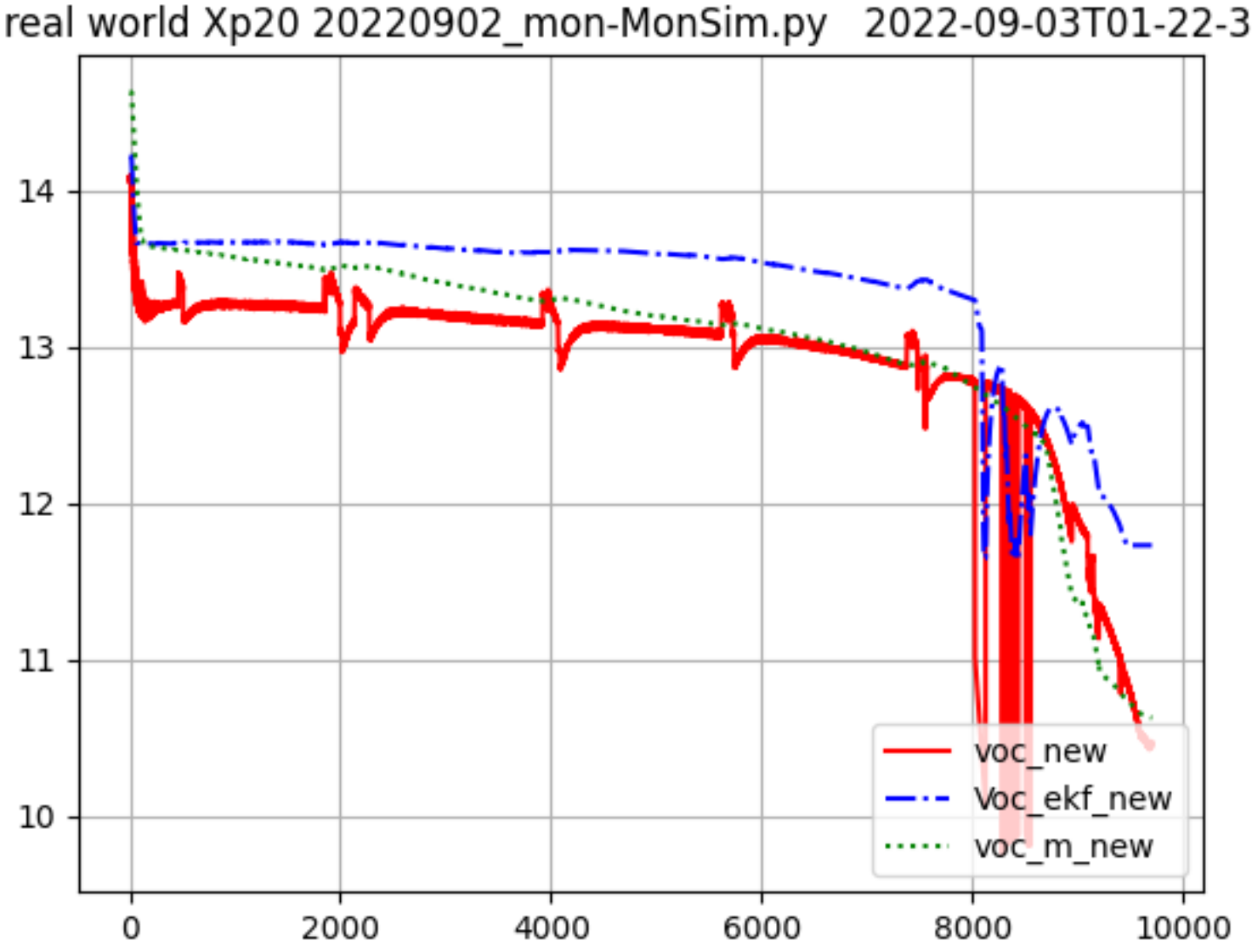


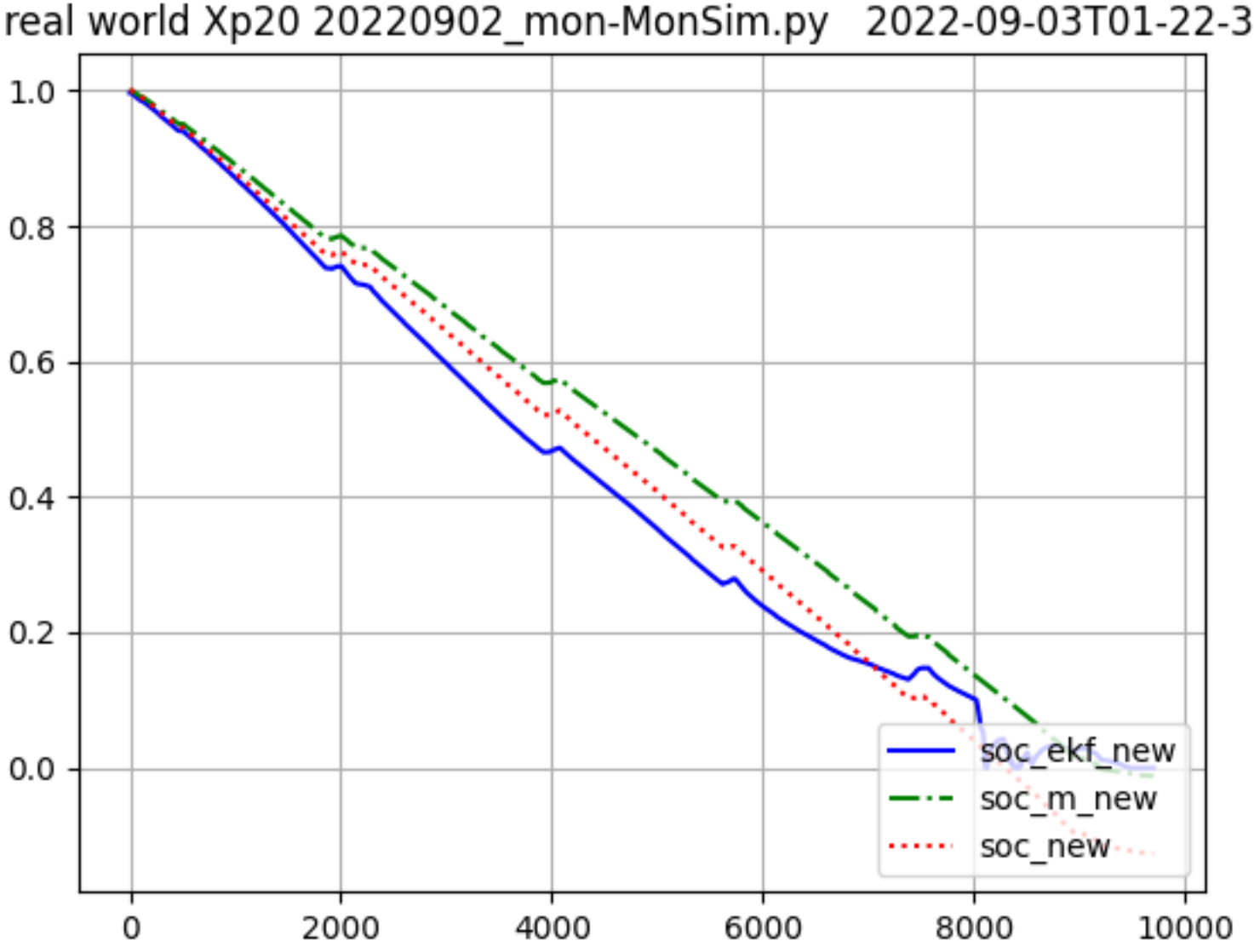


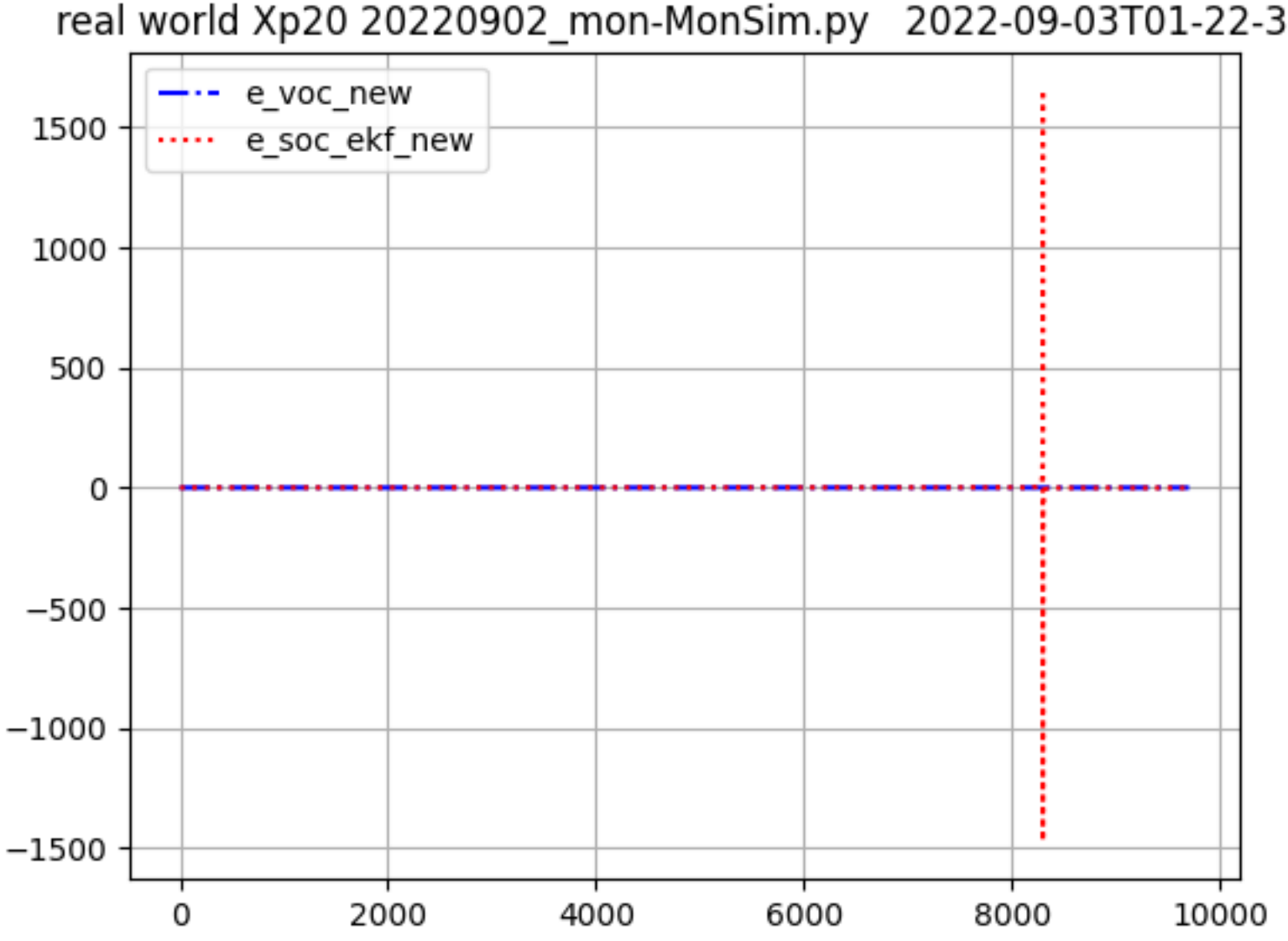

20220902_mon-MonSim.py 2022-09-03T01-22-36 MON vs SIM
ib_new
ib_m_new
vb_new
vb_m_new
voc_new
voc_m_new
vb_new
vb_m_new
voc_new
voc_m_new
voc_stat_new
voc_stat_m_new
dv_dyn_new
dv_dyn_m_new
dv_hys_new
dv_hys_m_new
vb_new
vb_m_new


0220902_mon-MonSim.py 2022-09-03T01-22-36 **EKF
x ekf_new
hx ekf_new
z ekf_new
y ekf_new
y filt_new
y filt2_new
H ekf_new
P ekf_new
Fx ekf_new
Bu ekf_new
K ekf_new
1e−5
1e−7+9.99999e−1


real world Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
e_voc_new
e_soc_ekf_new
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
0
2000
4000
6000
8000
10000


real world Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
14
13
12
11
10
0
2000
4000
6000
8000
10000
voc_new
Voc_ekf_new
voc_m_new


real world Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
1.0
0.8
0.6
0.4
0.2
0.0
0
2000
4000
6000
8000
10000
soc_ekf_new
soc_m_new
soc_new


real world Xp20 20220902_mon-MonSim.py 2022-09-03T01-22-36
e_voc_new
e_soc_ekf_new
1500
1000
500
0
−500
−1000
−1500
0
2000
4000
6000
8000
10000