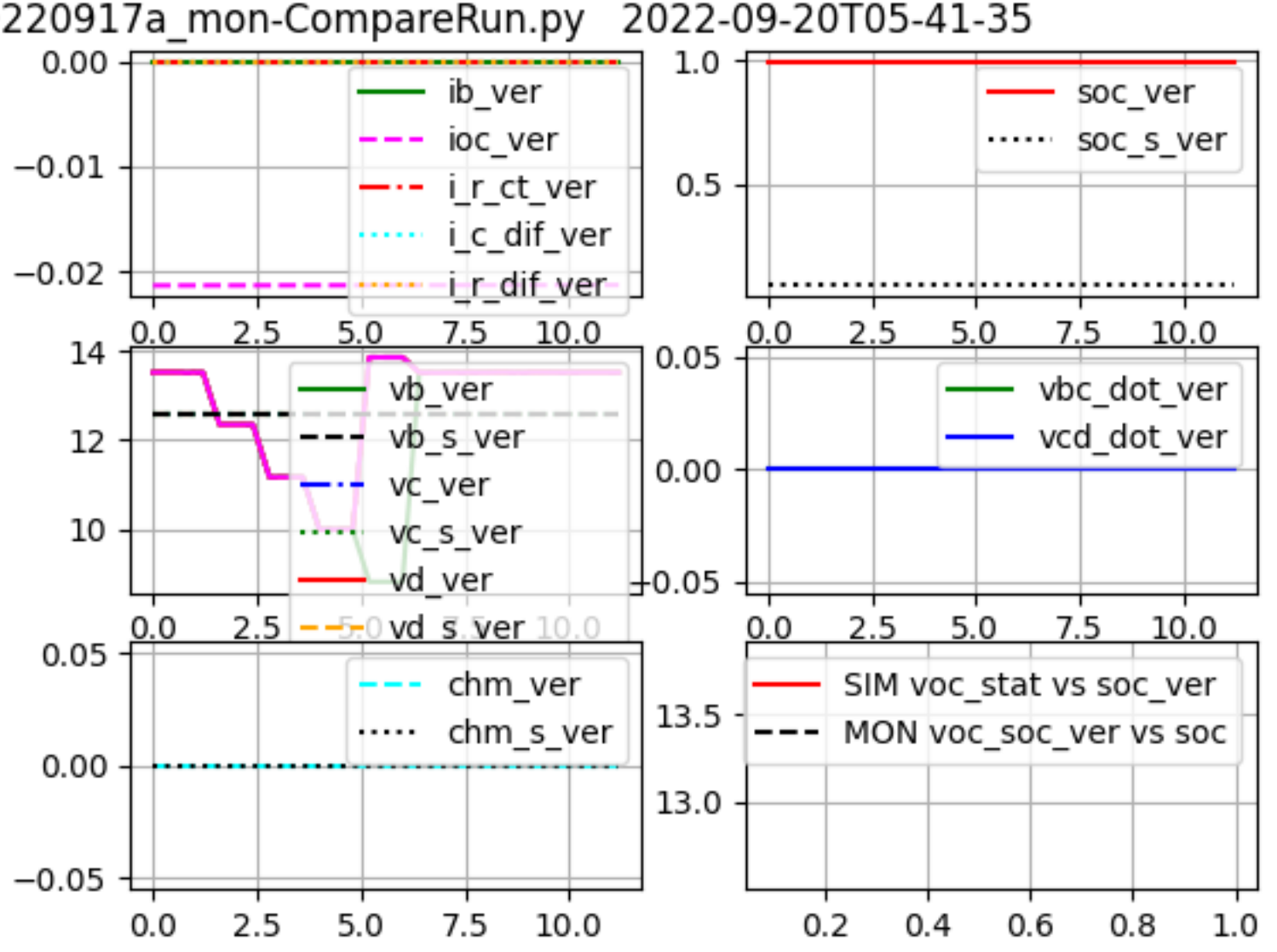
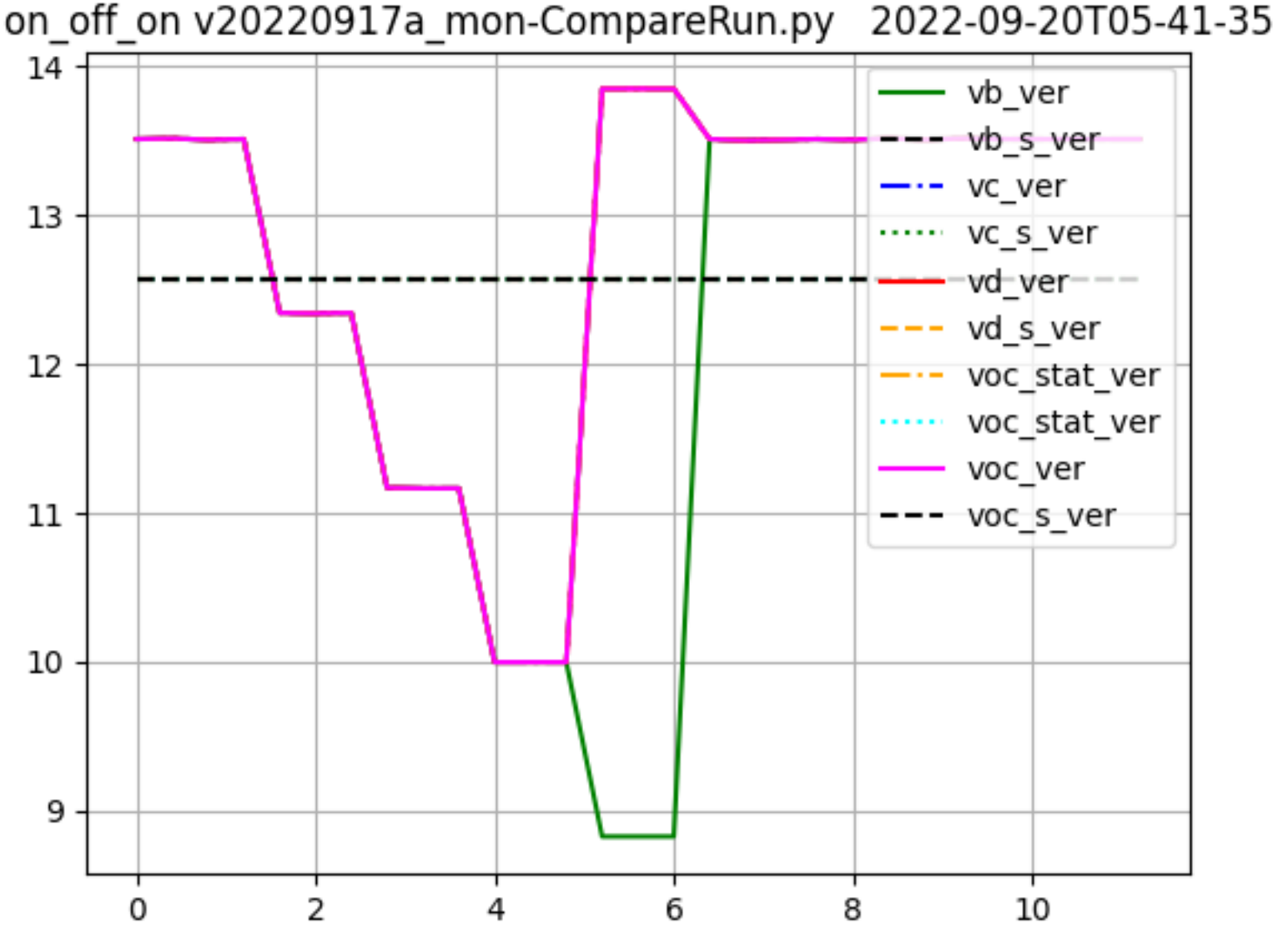
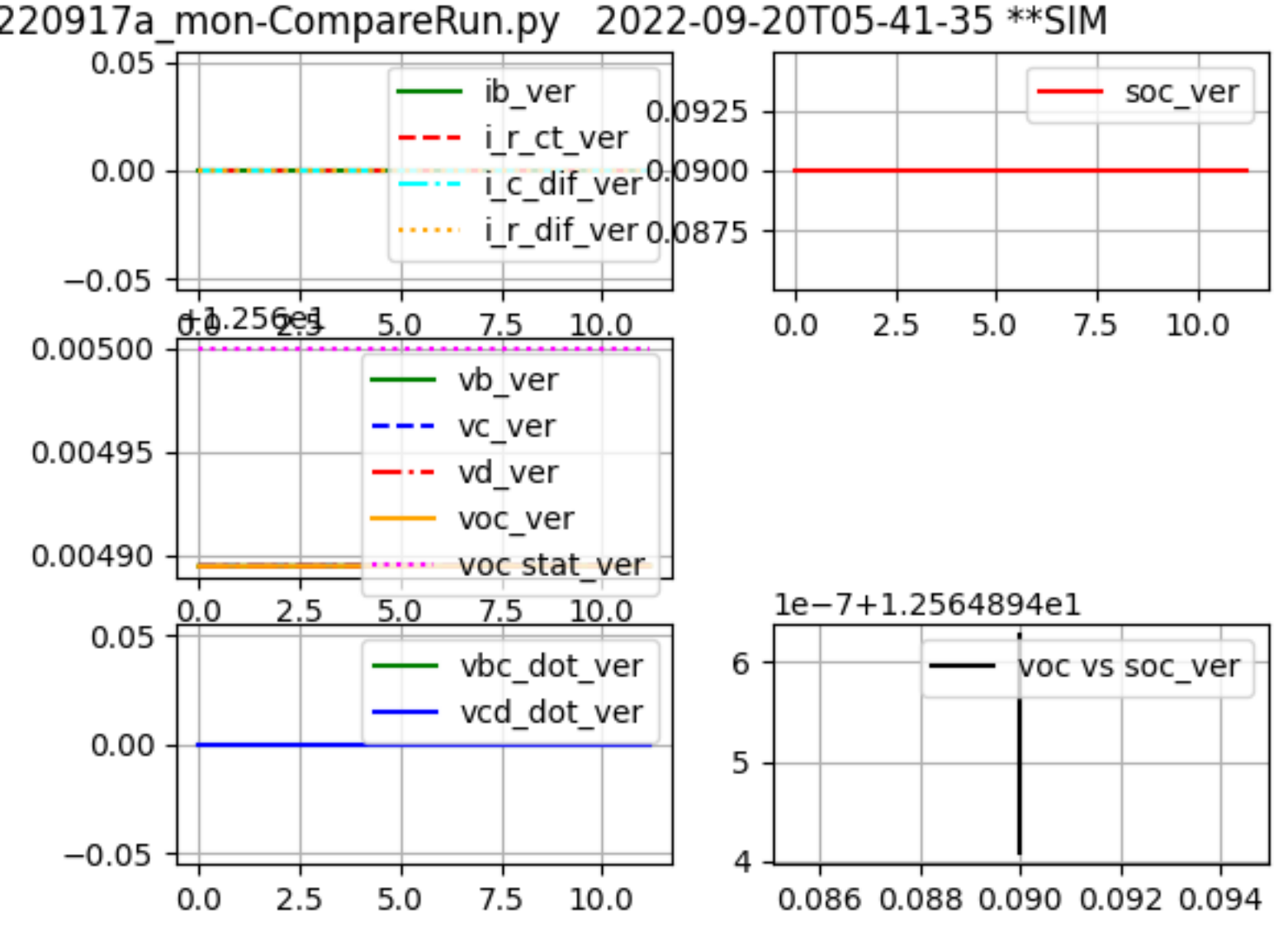
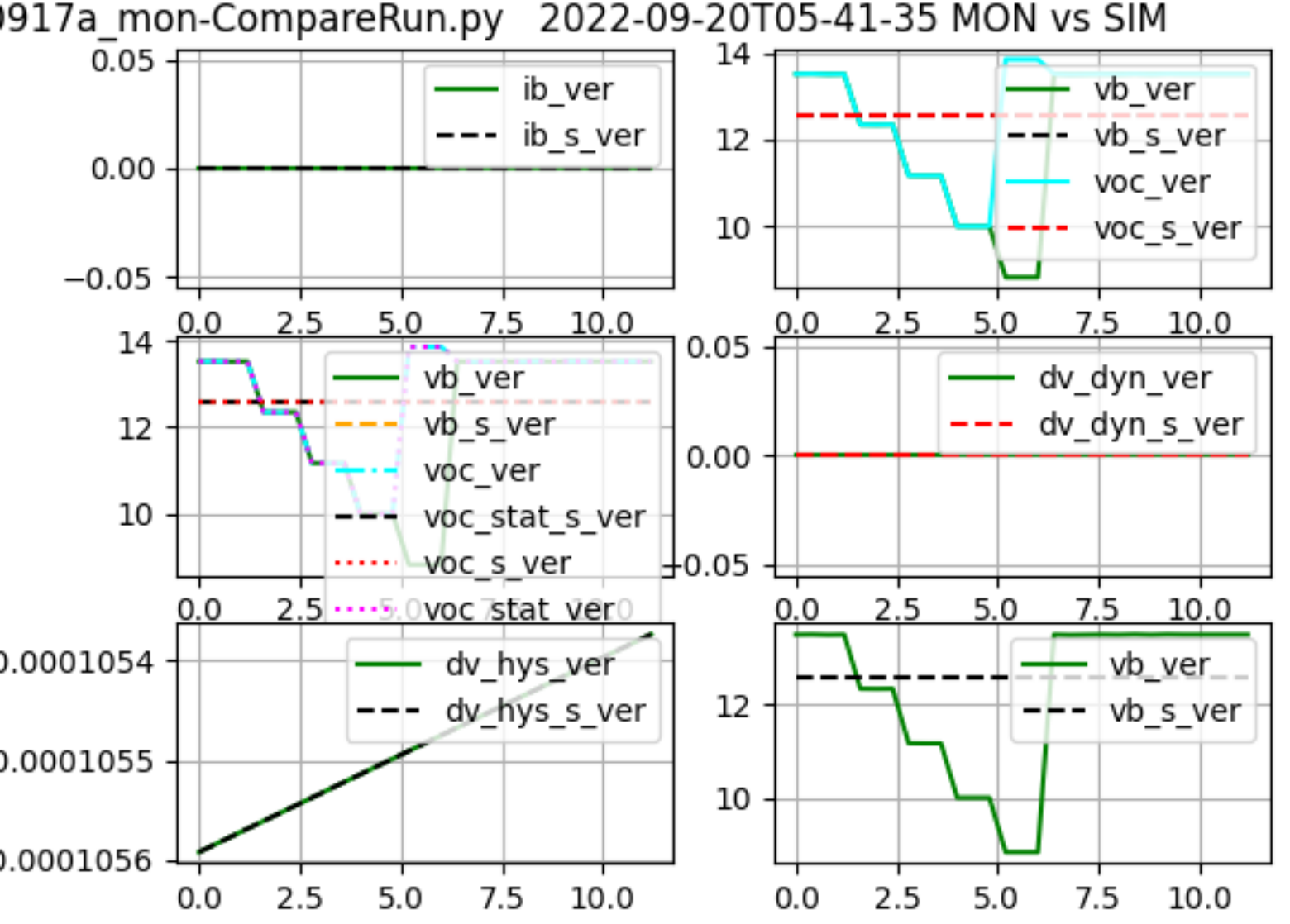
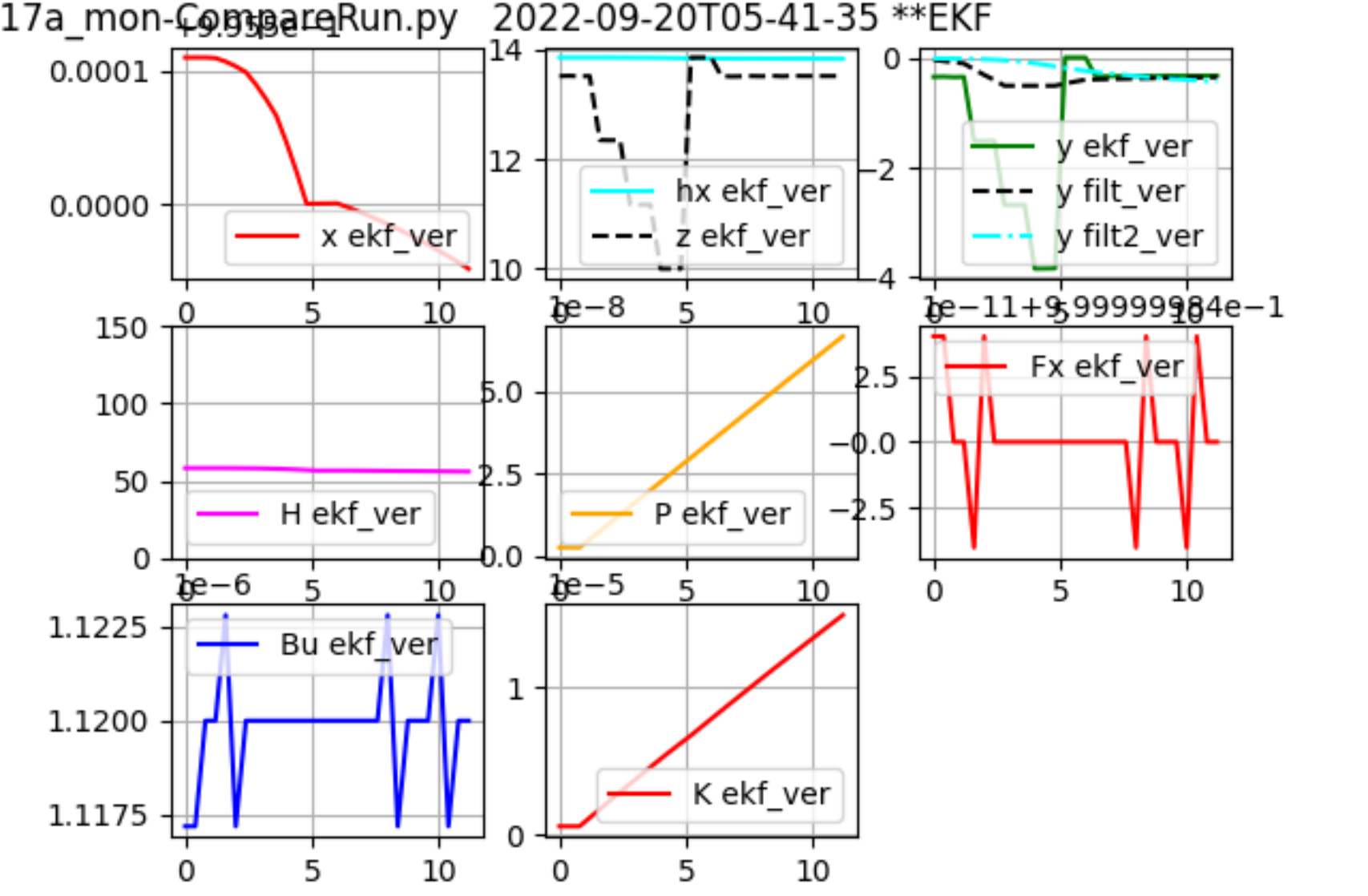
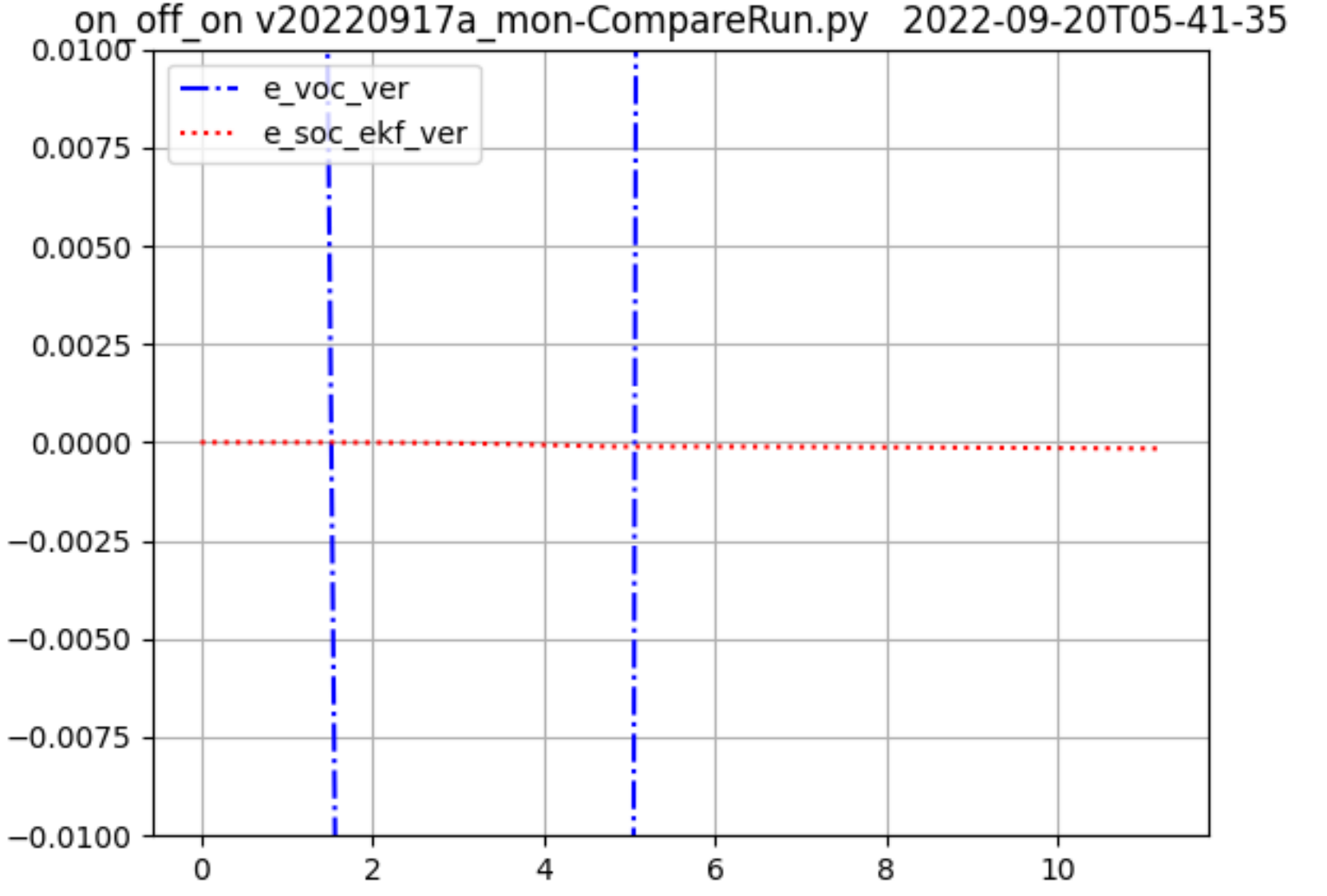

r20220917a_mon-CompareRun.py 2022-09-20T05-41-35
ib_ver
ioc_ver
i_r_ct_ver
i_c_dif_ver
i_r_dif_ver
soc_ver
soc_s_ver
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
vbc_dot_ver
vcd_dot_ver
chm_ver
chm_s_ver
SIM voc_stat vs soc_ver
MON voc_soc_ver vs soc

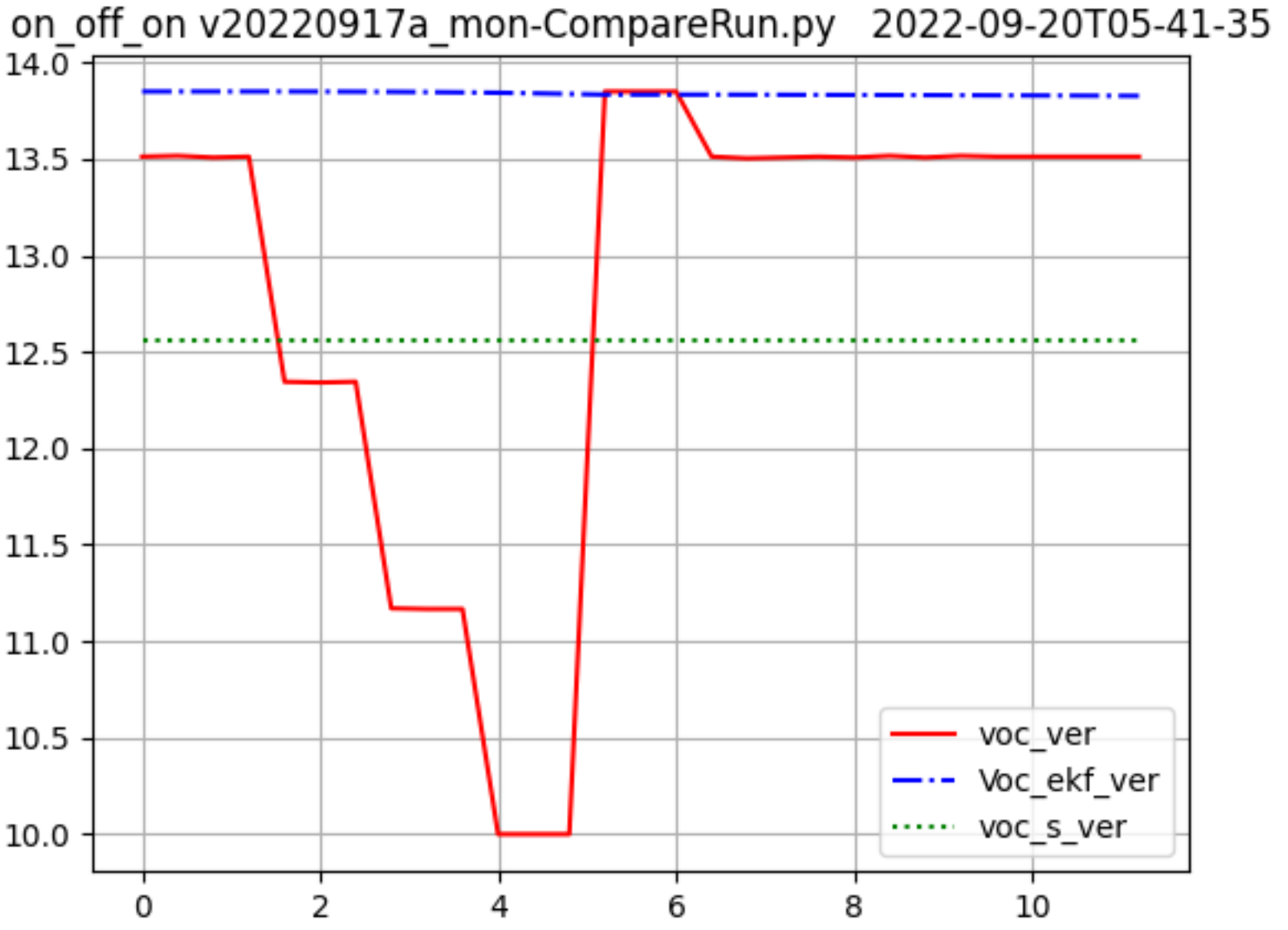

on_off_on v20220917a_mon-CompareRun.py 2022-09-20T05-41-35
14
13
12
11
10
9
0
2
4
6
8
10
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
voc_stat_ver
voc_stat_ver
voc_ver
voc_s_ver

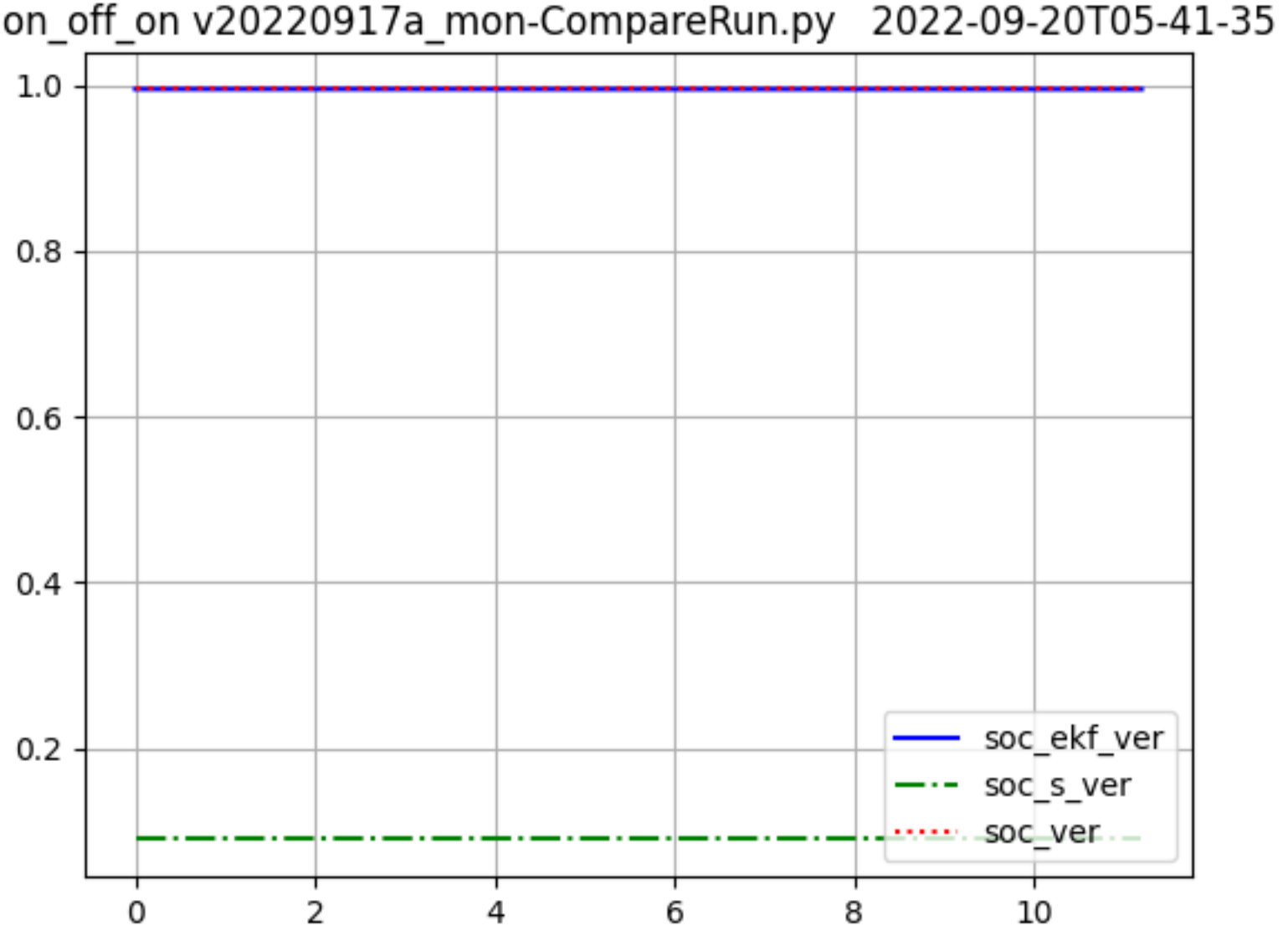

220917a_mon-CompareRun.py 2022-09-20T05-41-35 **SIM
ib_ver
i_r_ct_ver
i_c_dif_ver
i_r_dif_ver
soc_ver
vb_ver
vc_ver
vd_ver
voc_ver
voc stat_ver
vbc_dot_ver
vcd_dot_ver
1e−7+1.2564894e1
voc vs soc_ver

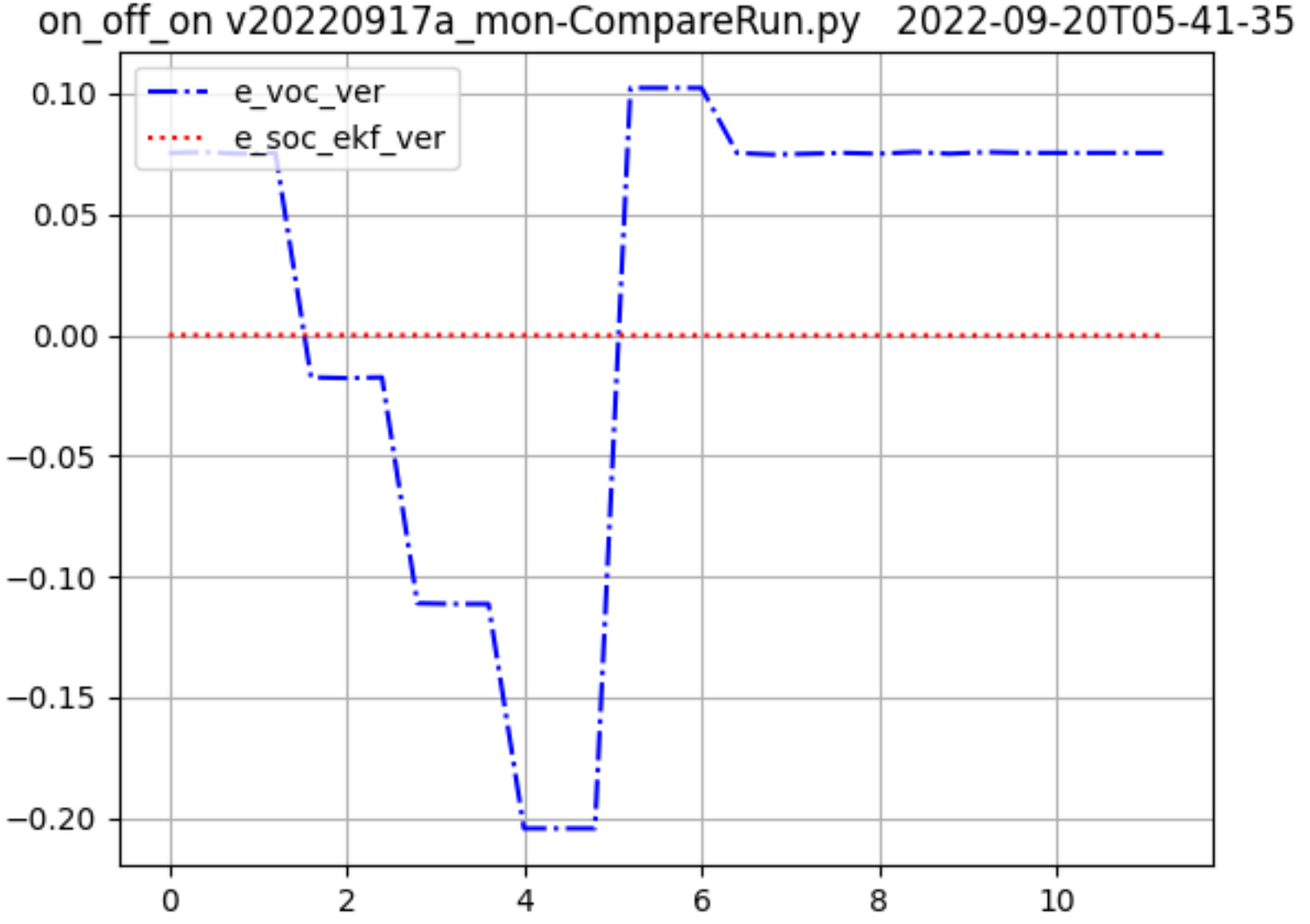

9917a_mon-CompareRun.py 2022-09-20T05-41-35 MON vs SIM
ib_ver
ib_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
vb_ver
vb_s_ver
voc_ver
voc_stat_s_ver
voc_s_ver
voc_stat_ver
dv_dyn_ver
dv_dyn_s_ver
dv_hys_ver
dv_hys_s_ver
vb_ver
vb_s_ver


17a_mon-CompareRun.py 2022-09-20T05-41-35 **EKF
+9.998e−1
0.0001
0.0000
x ekf_ver
0
5
10
14
12
10
hx ekf_ver
z ekf_ver
1e−8
0
2
−4
y ekf_ver
y filt_ver
y filt2_ver
1e−11+9.99999984e−1
150
100
50
0
H ekf_ver
5.0
2.5
0.0
P ekf_ver
1e−6
1e−5
2.5
0.0
−2.5
Fx ekf_ver
1.1225
1.1200
1.1175
Bu ekf_ver
1
0
K ekf_ver


on_off_on v20220917a_mon-CompareRun.py 2022-09-20T05-41-35
e_voc_ver
e_soc_ekf_ver
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
0
2
4
6
8
10


on_off_on v20220917a_mon-CompareRun.py 2022-09-20T05-41-35
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
10.0
0
2
4
6
8
10
voc_ver
Voc_ekf_ver
voc_s_ver


on_off_on v20220917a_mon-CompareRun.py 2022-09-20T05-41-35
1.0
0.8
0.6
0.4
0.2
0
2
4
6
8
10
soc_ekf_ver
soc_s_ver
soc_ver


on_off_on v20220917a_mon-CompareRun.py 2022-09-20T05-41-35
e_voc_ver
e_soc_ekf_ver
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0
2
4
6
8
10