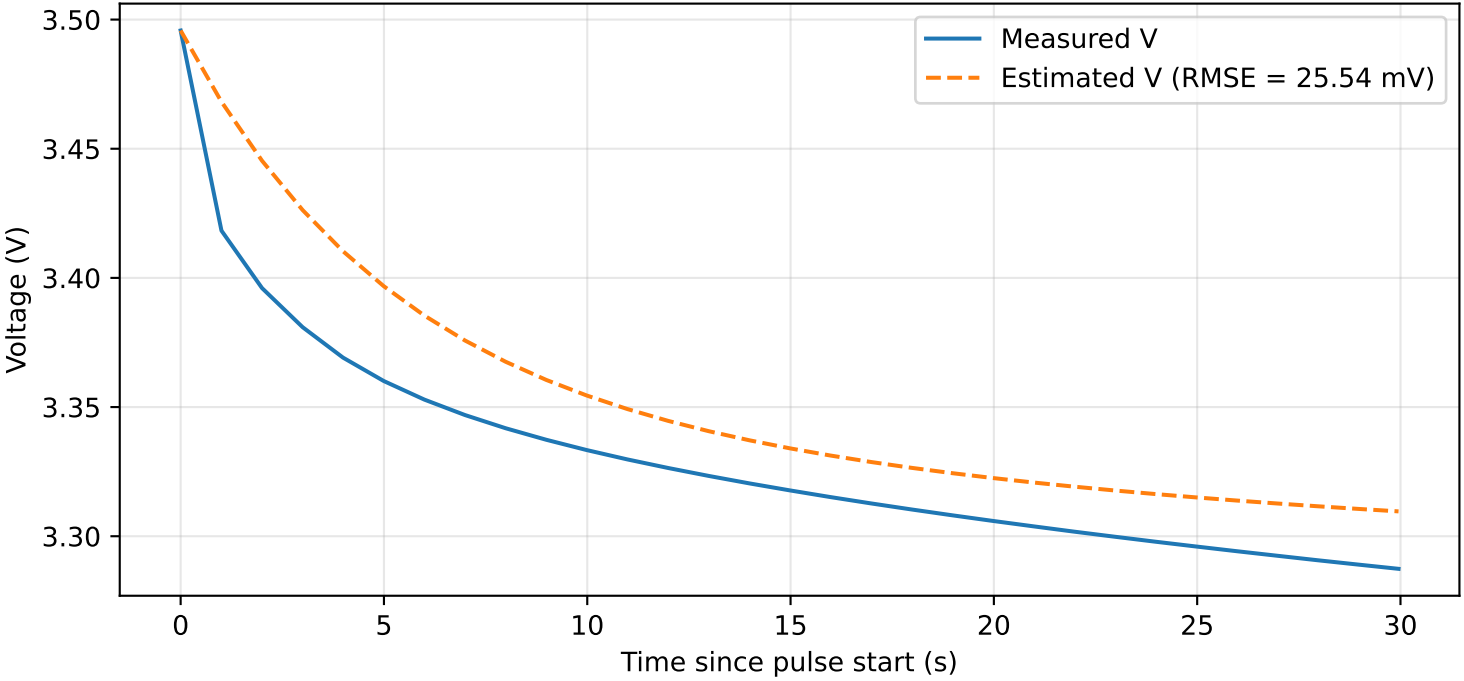
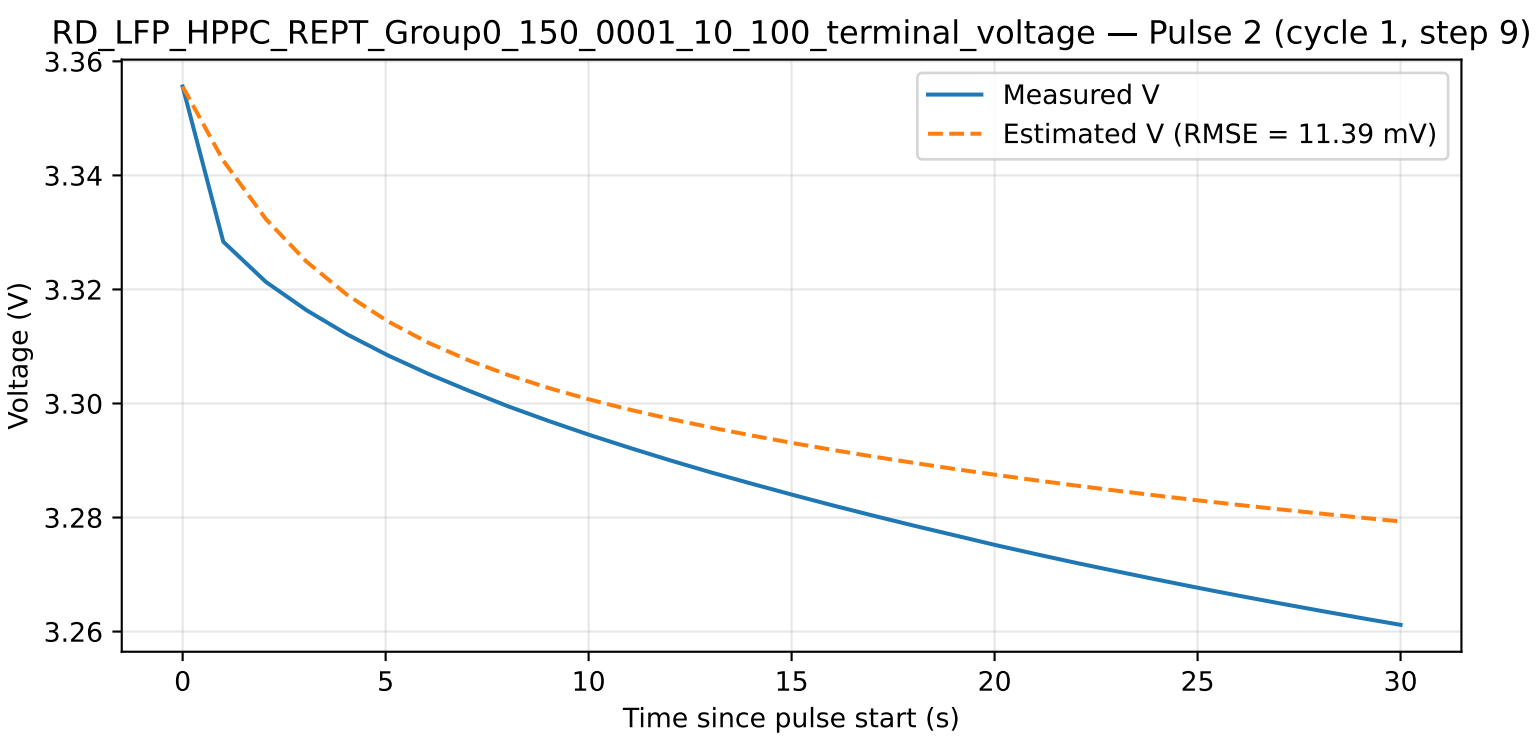
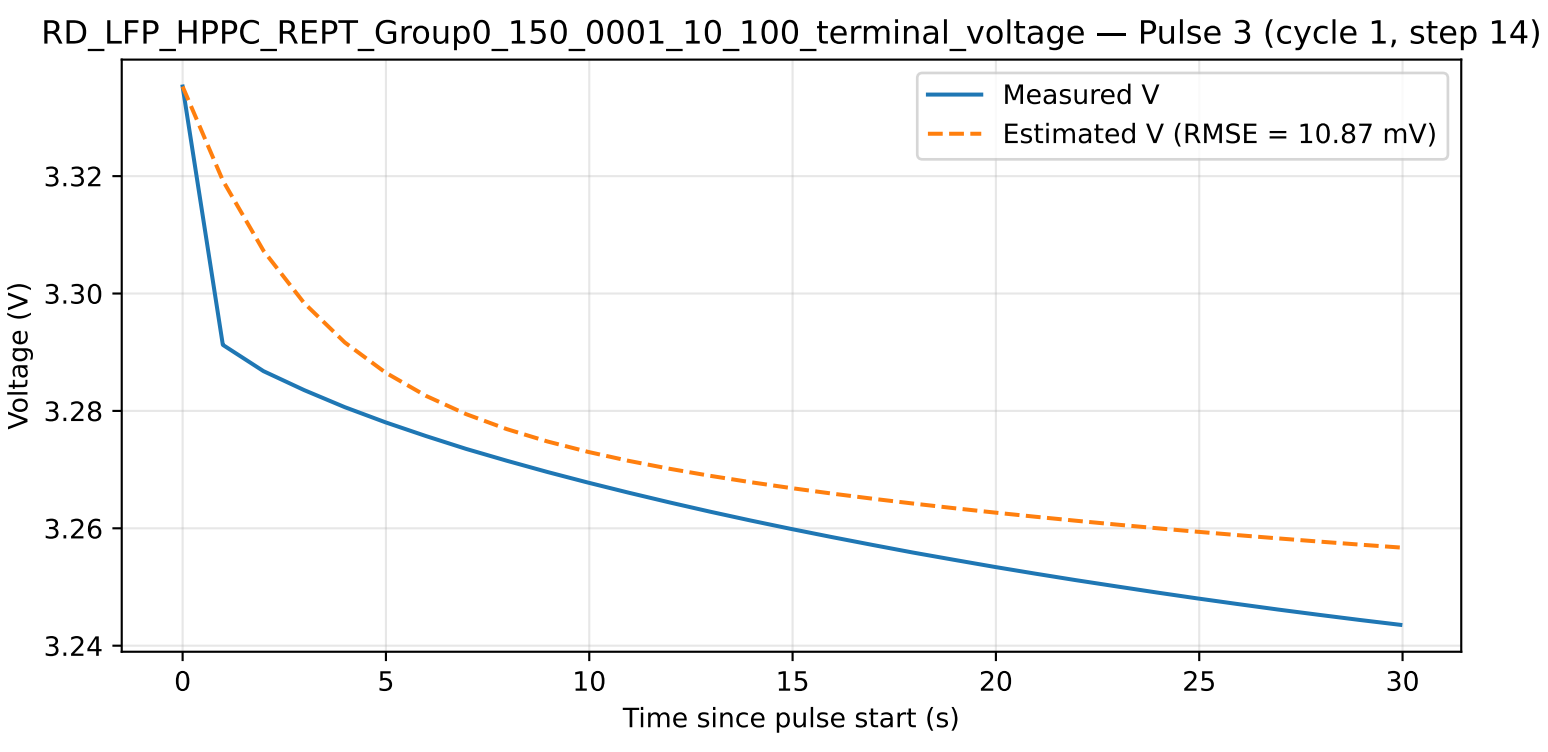
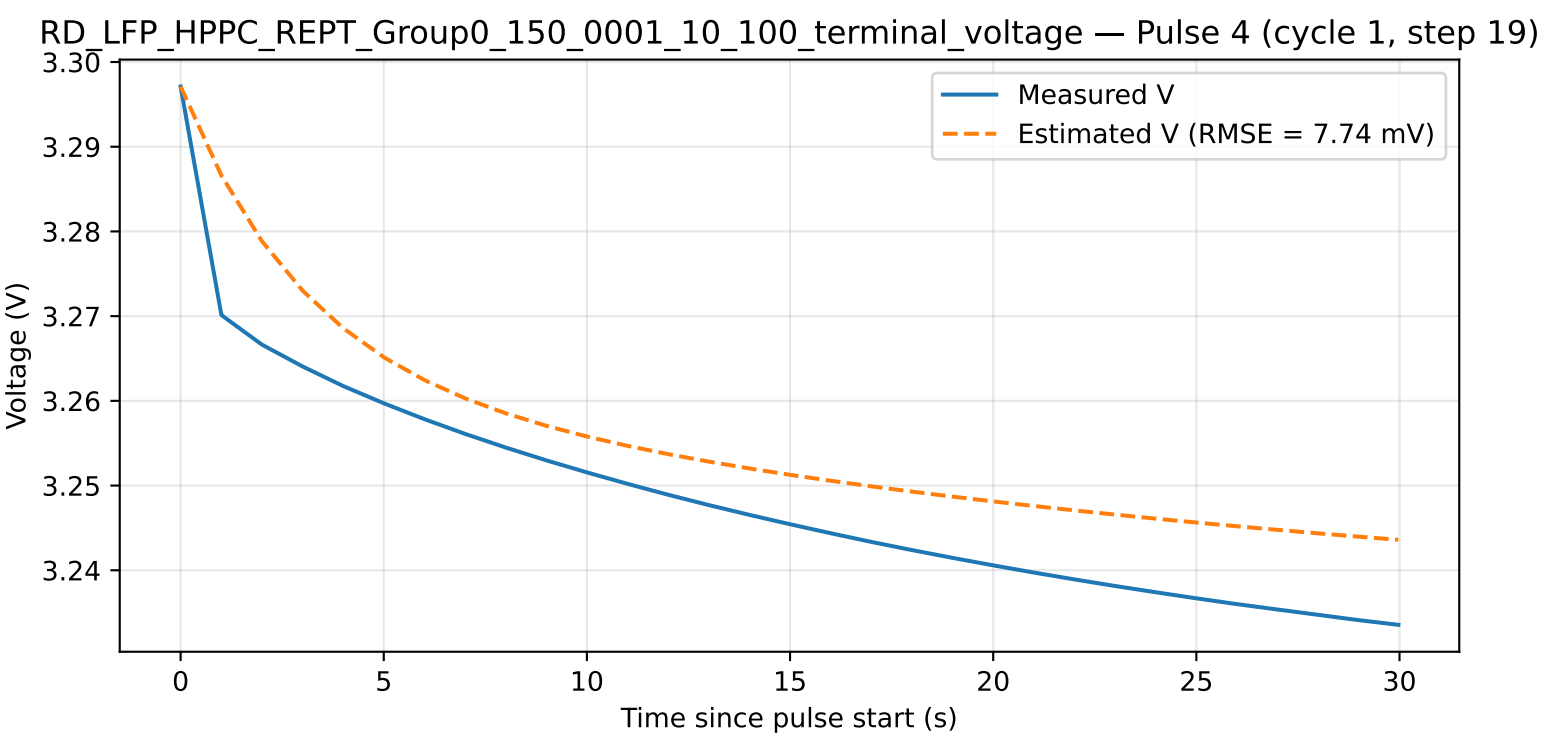
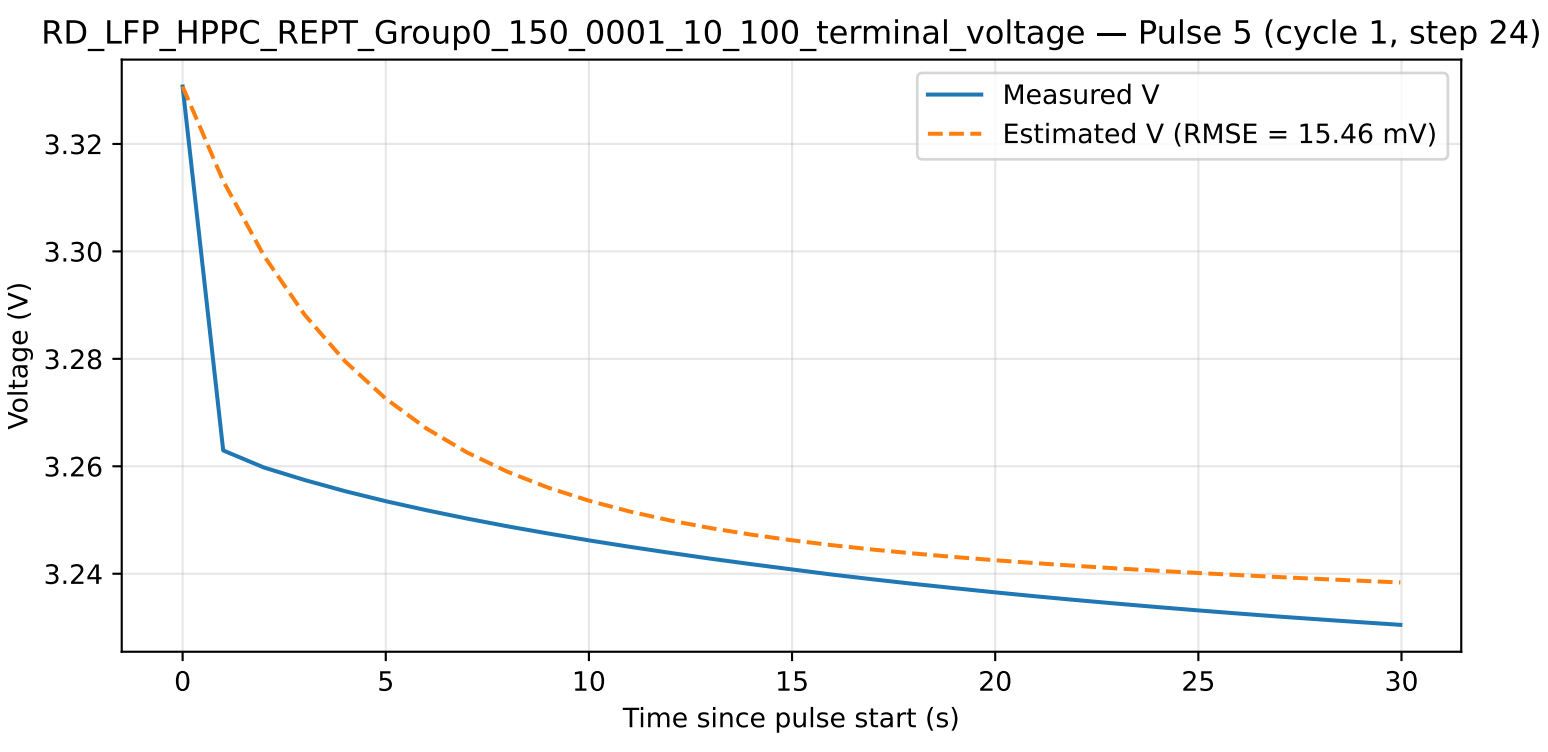
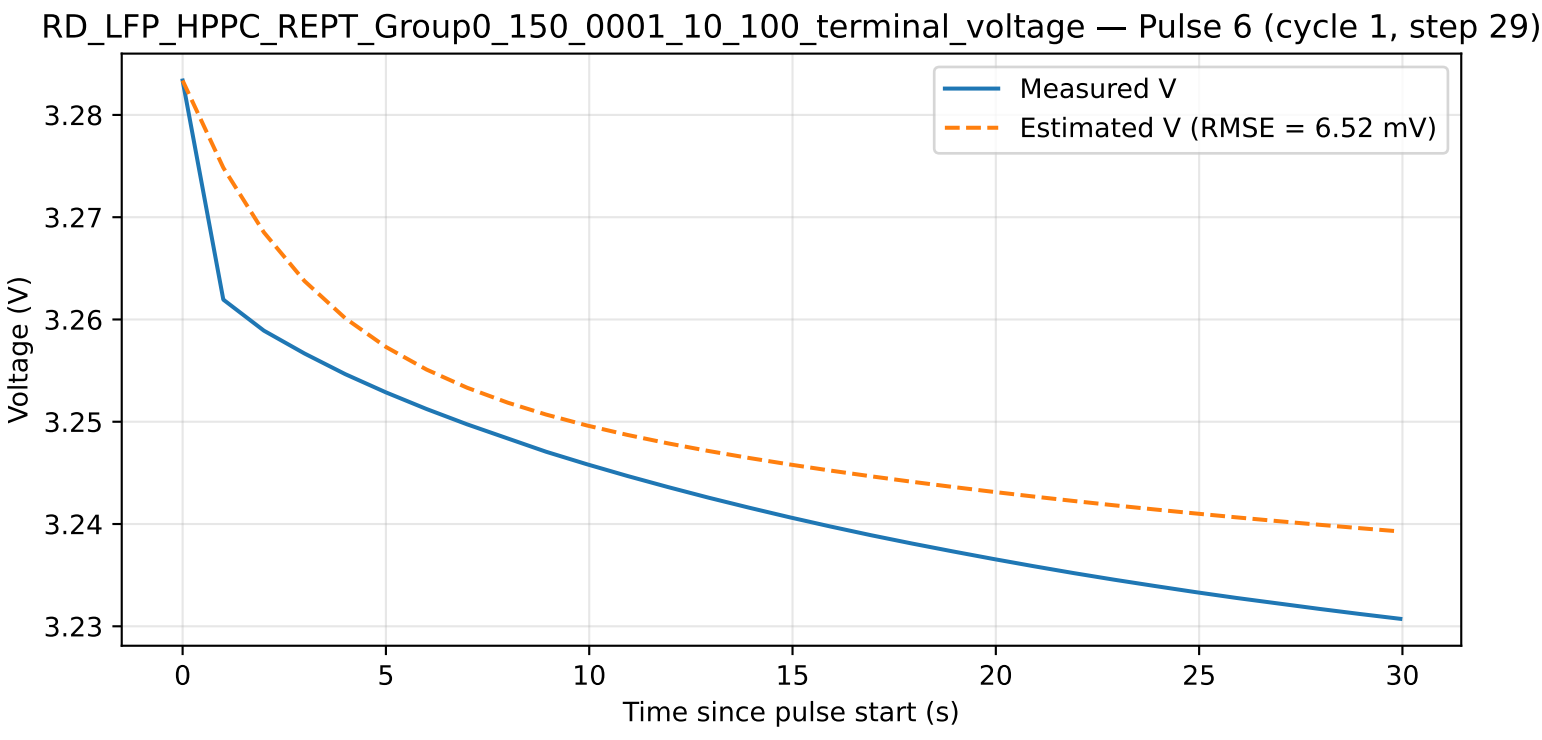

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 25.54 mV)
Voltage (V)
3.50
3.45
3.40
3.35
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

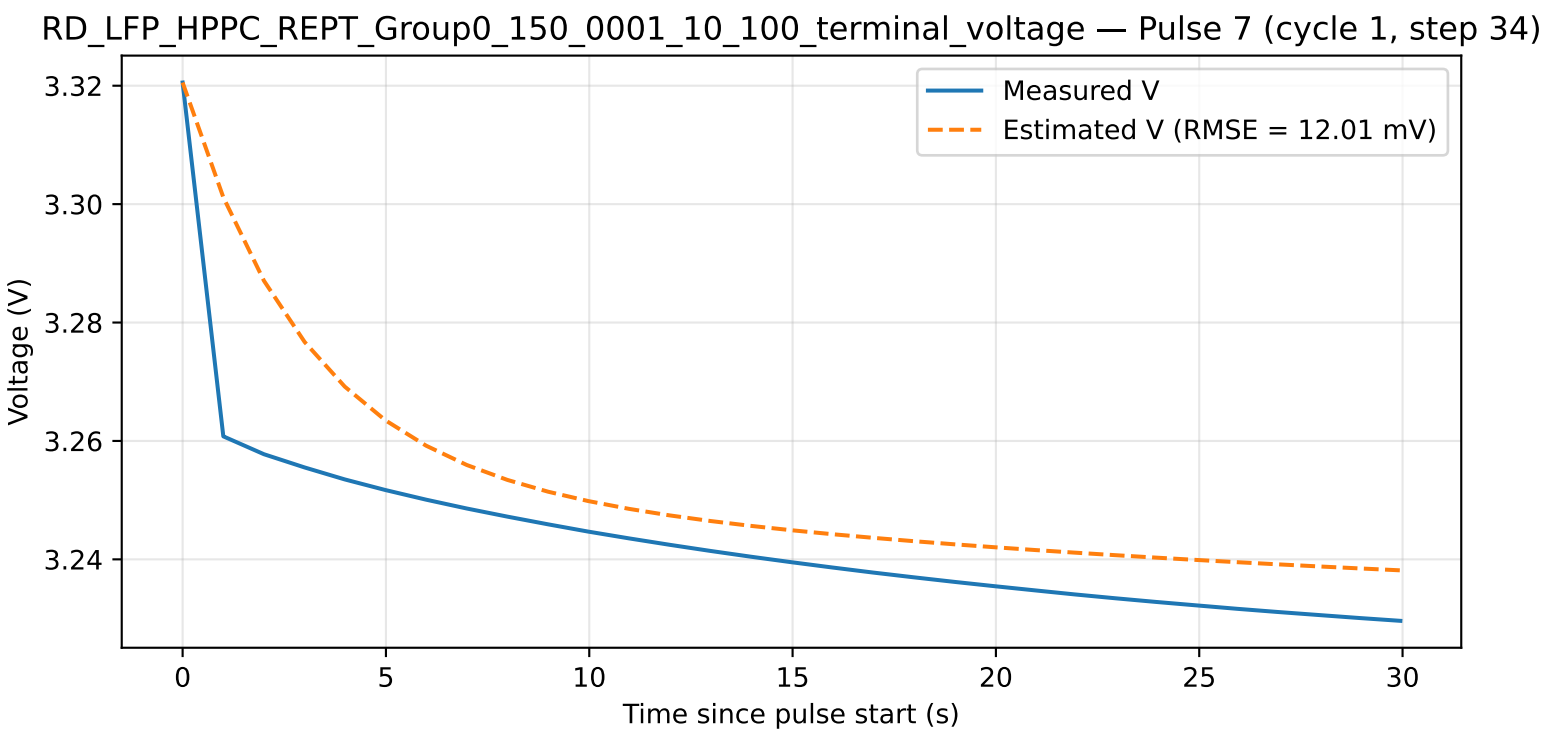

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.39 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

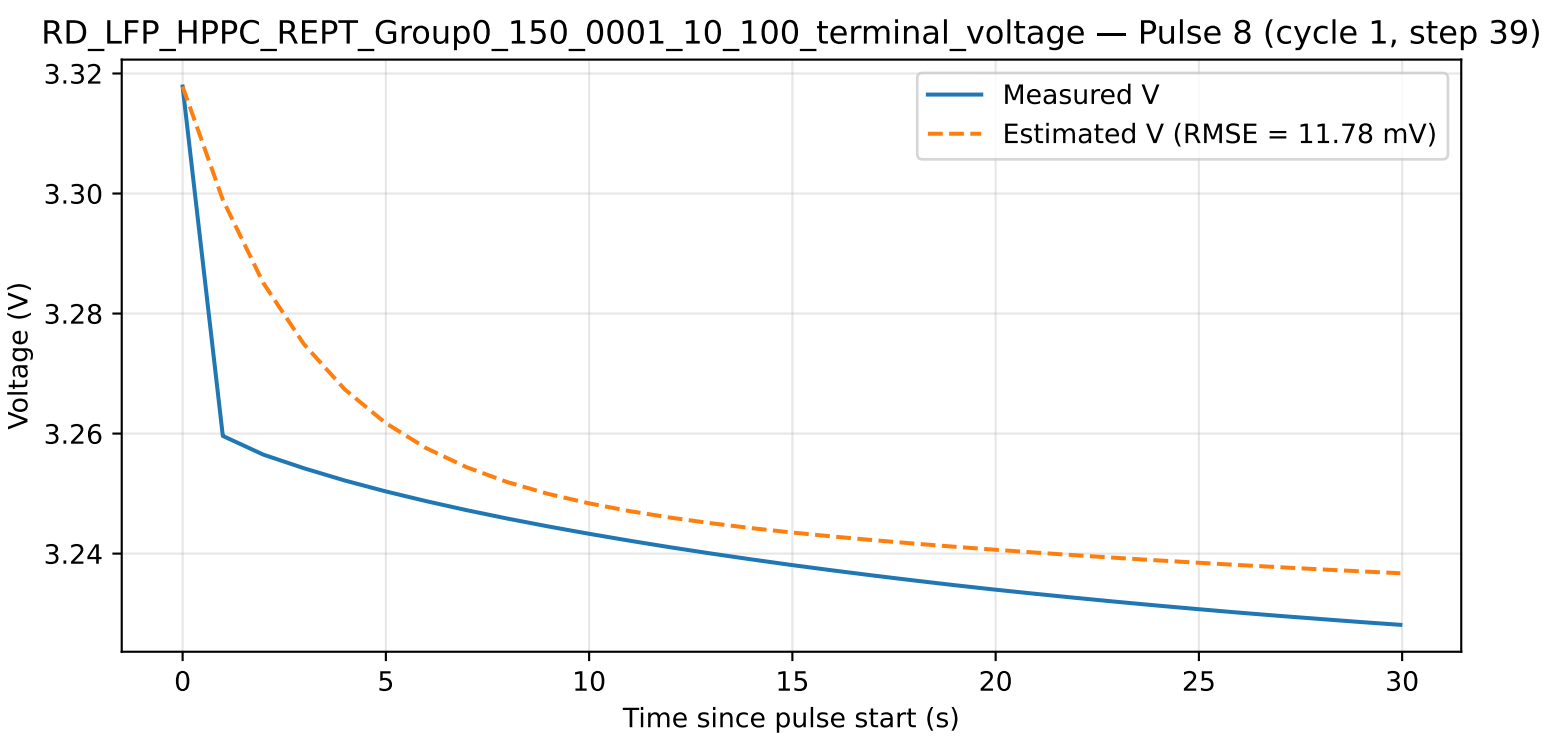

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 10.87 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

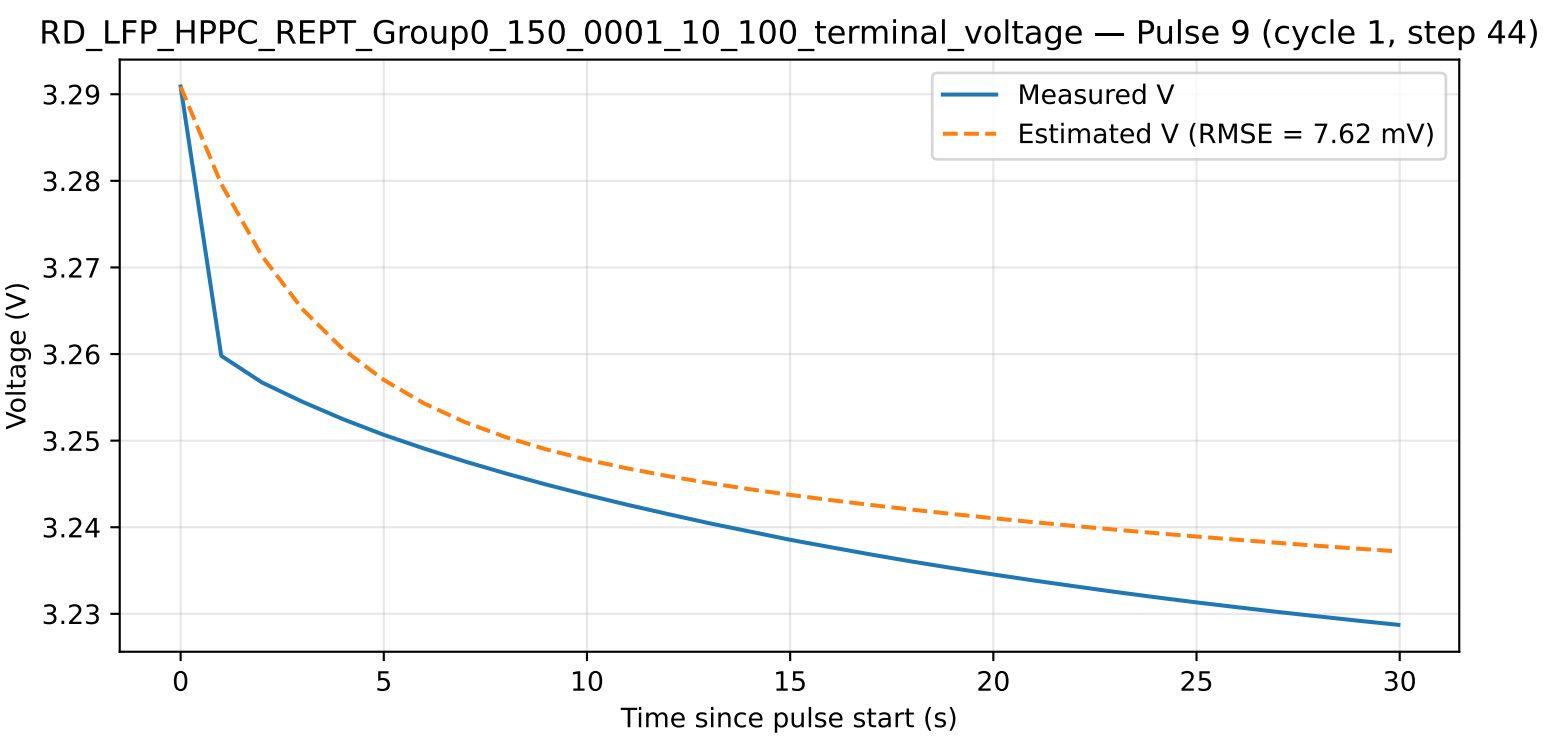

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.74 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

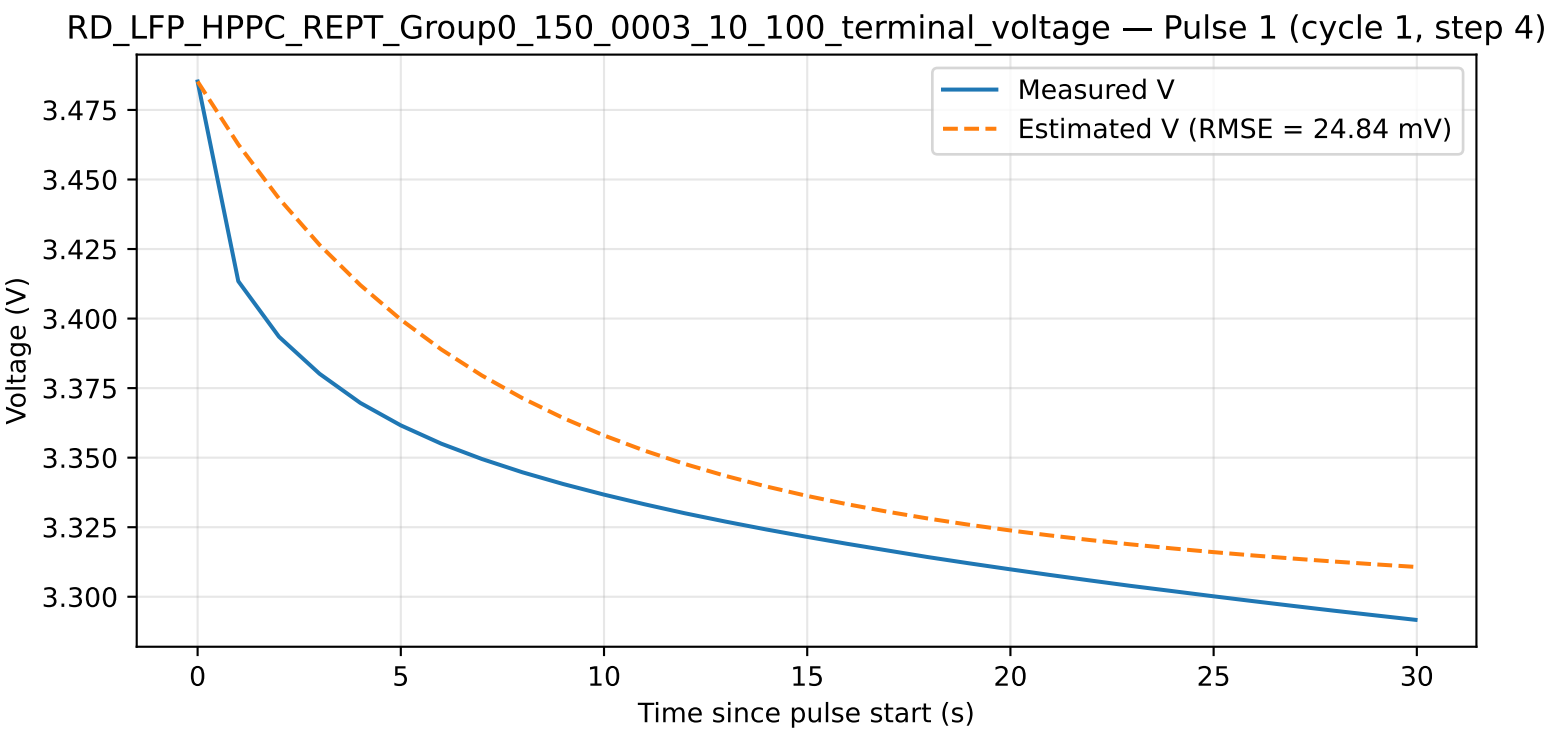

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 15.46 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

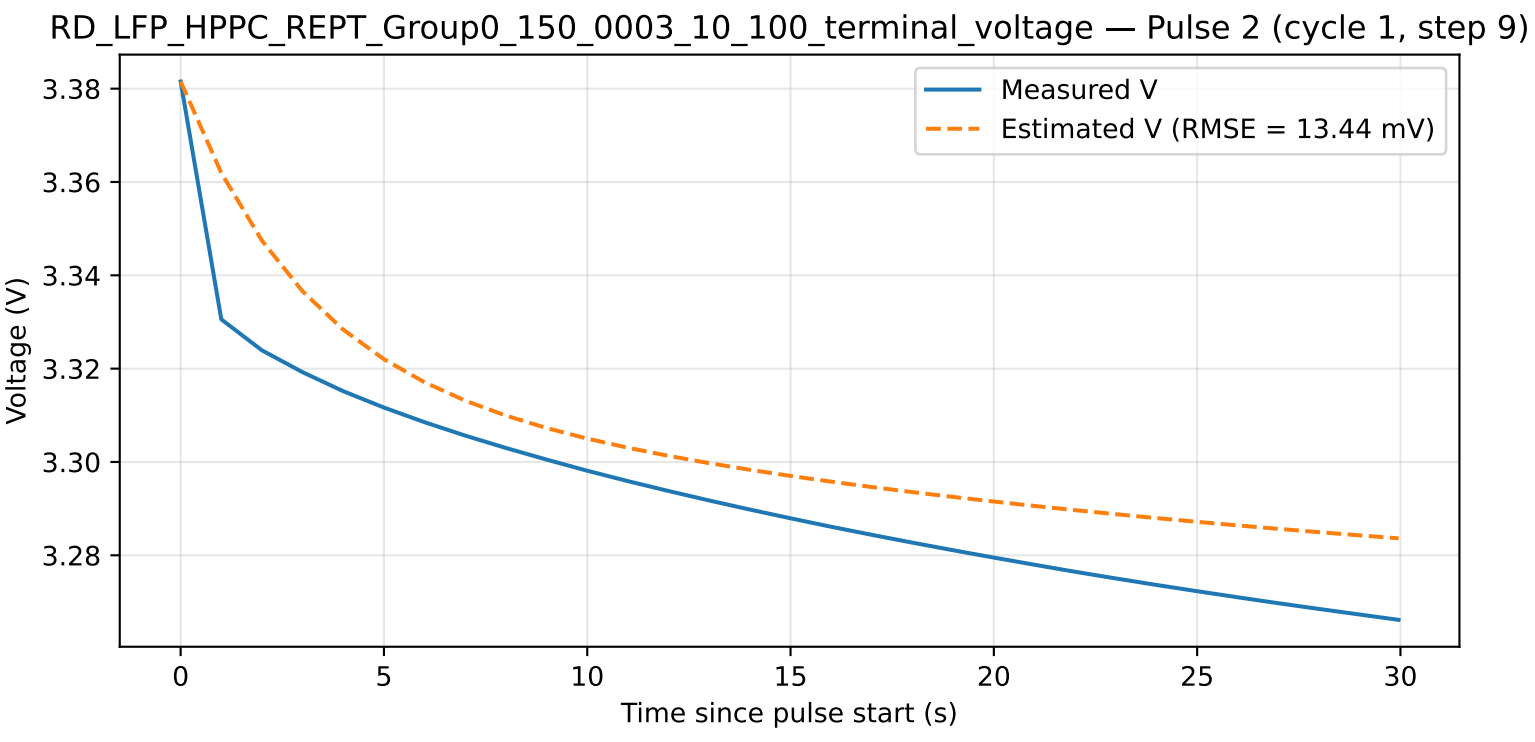

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.52 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

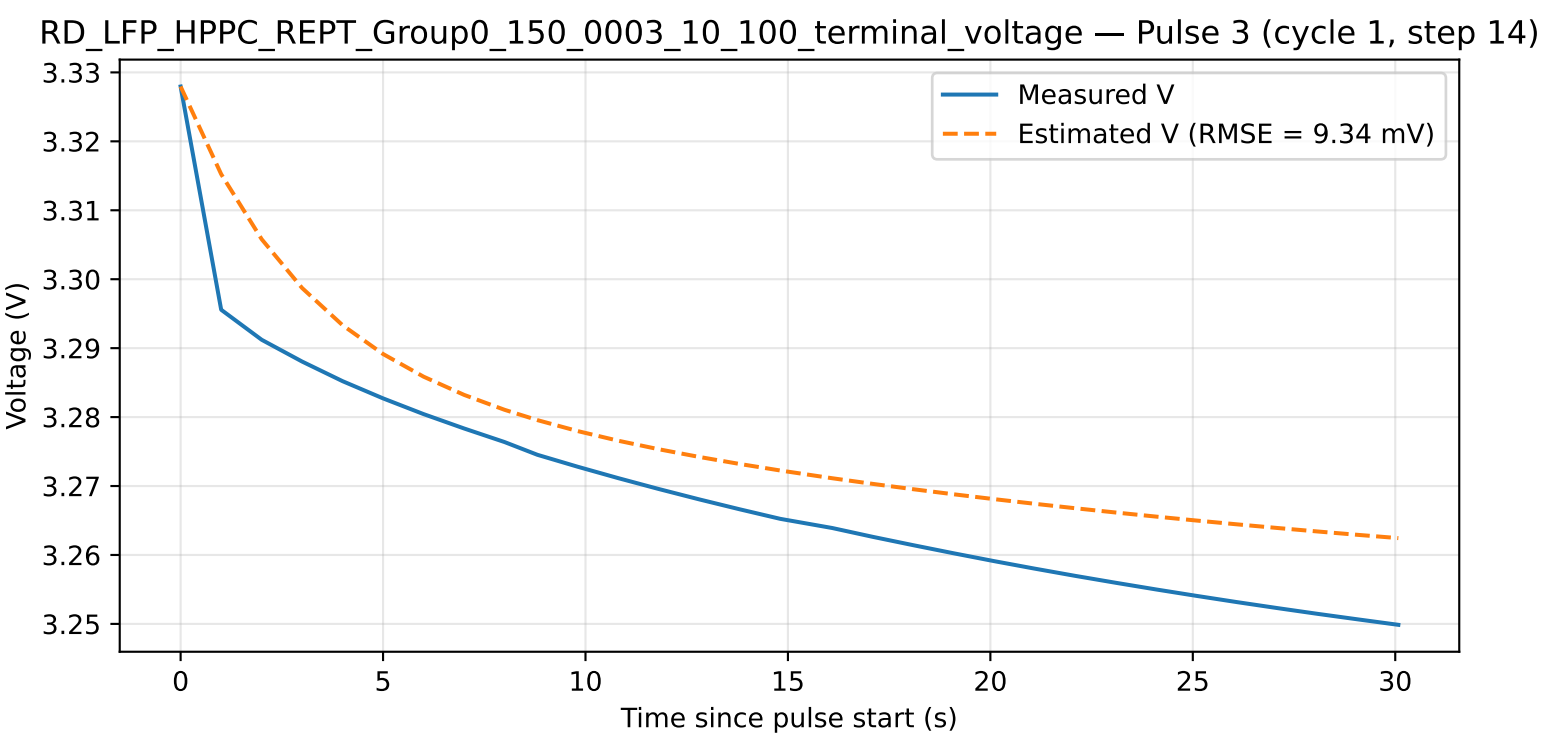

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 12.01 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

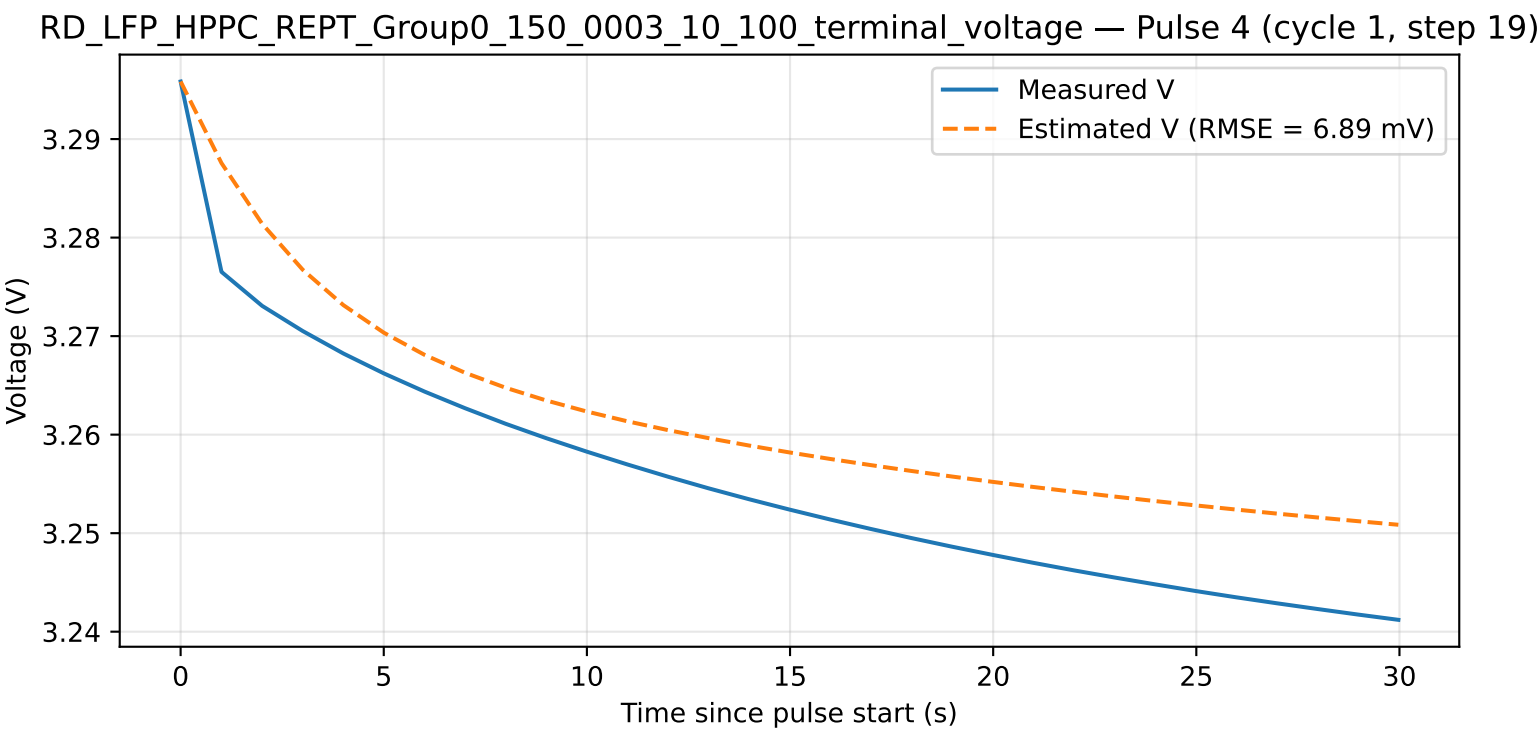

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 11.78 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

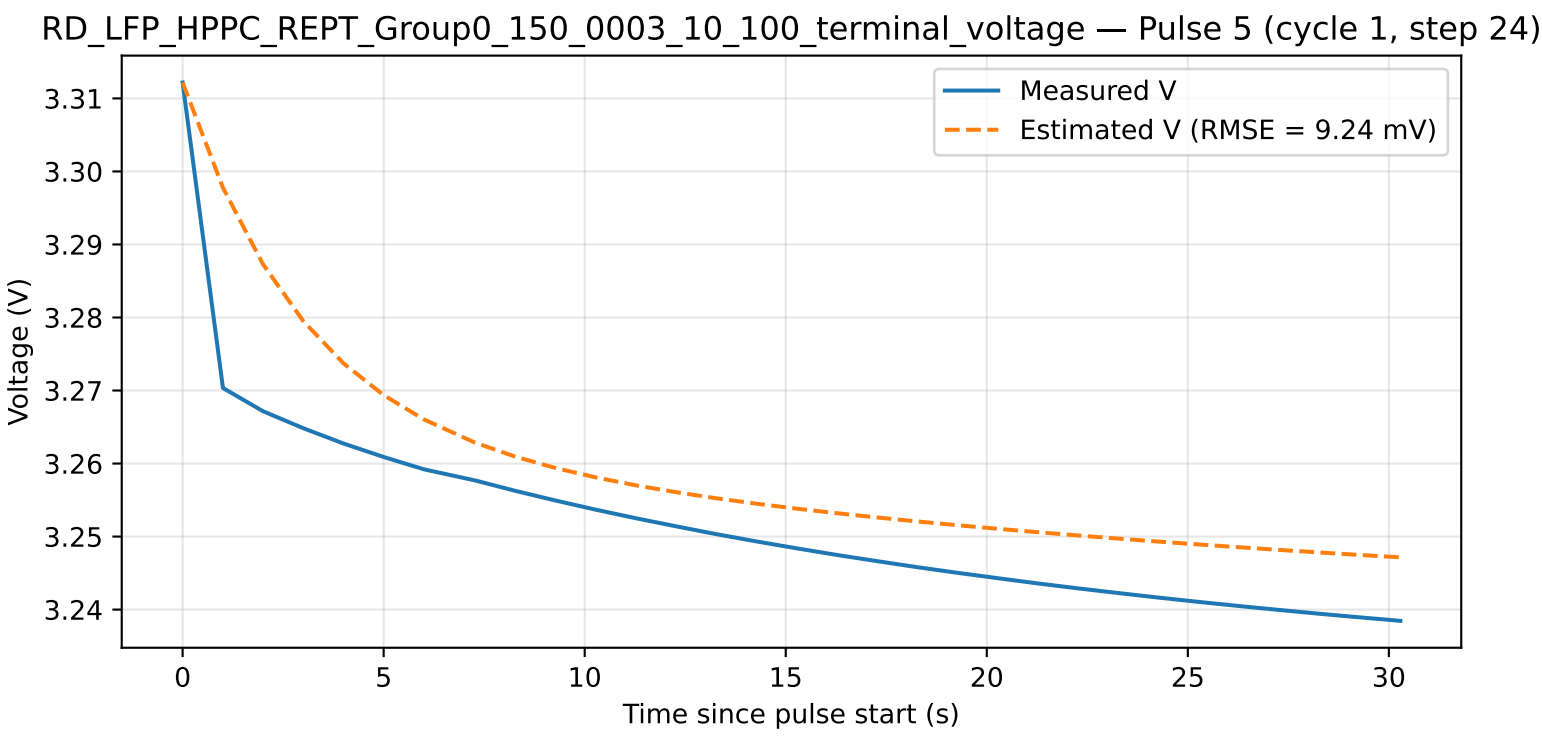

RD_LFP_HPPC_REPT_Group0_150_0001_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 7.62 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

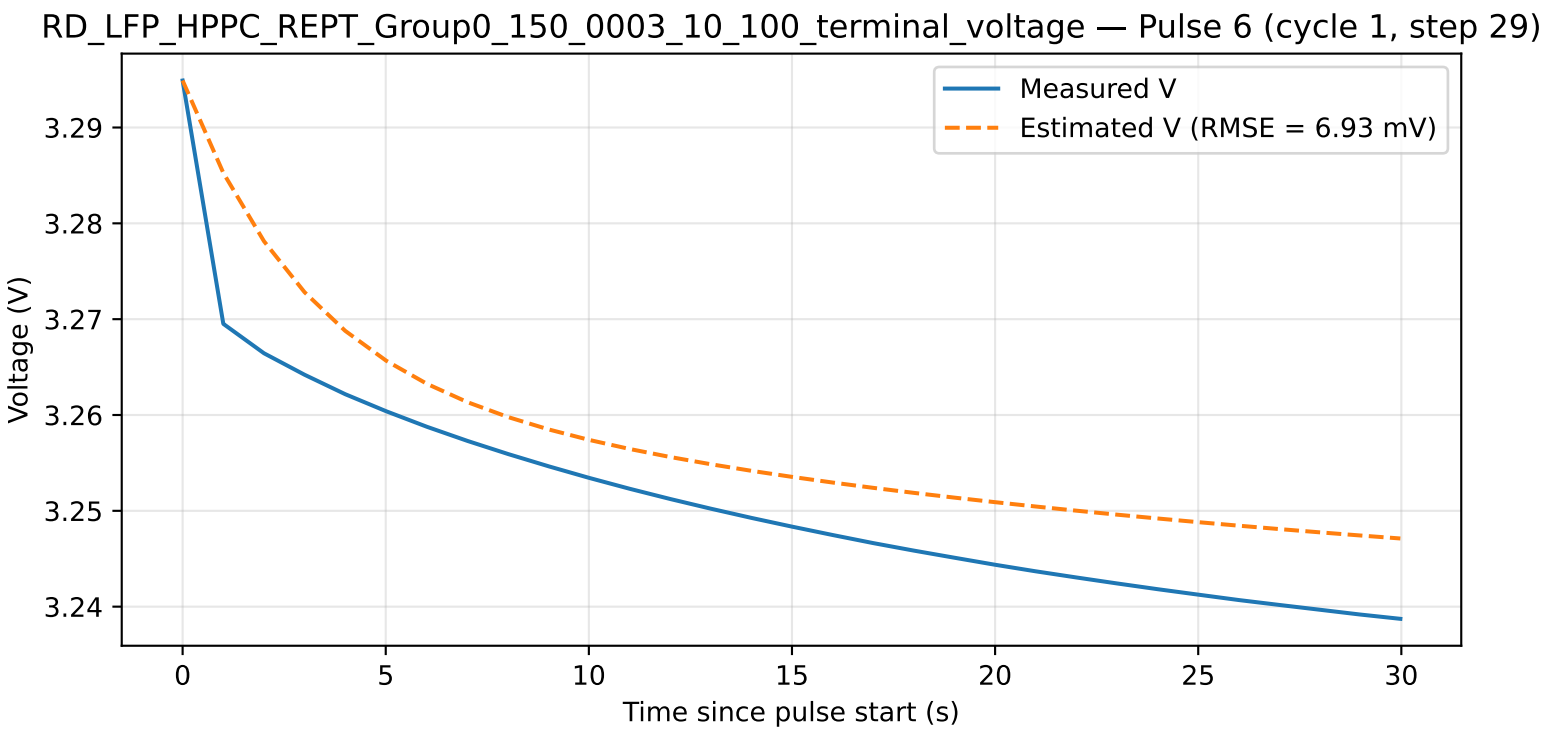

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 24.84 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

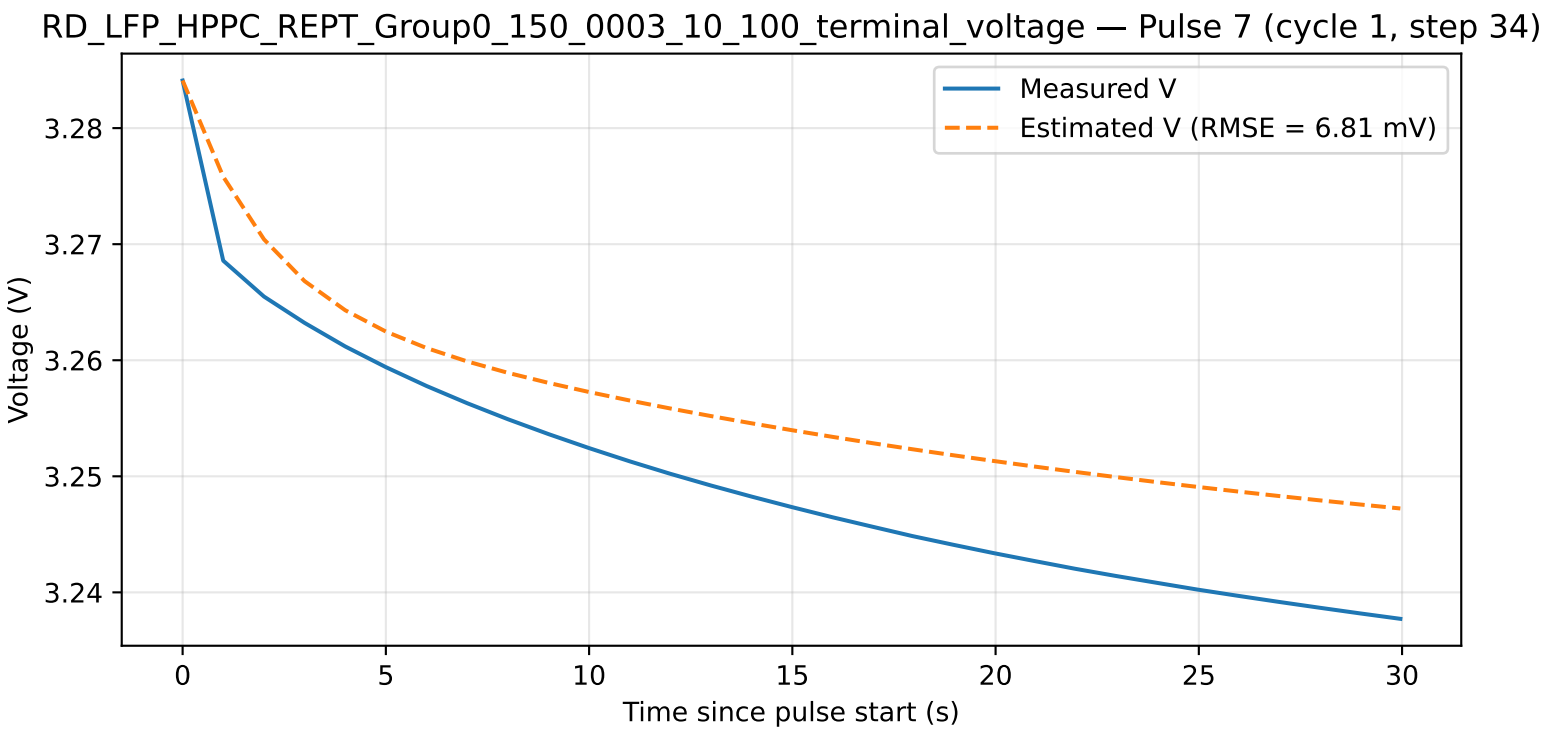

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 13.44 mV)
Voltage (V)
3.38
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

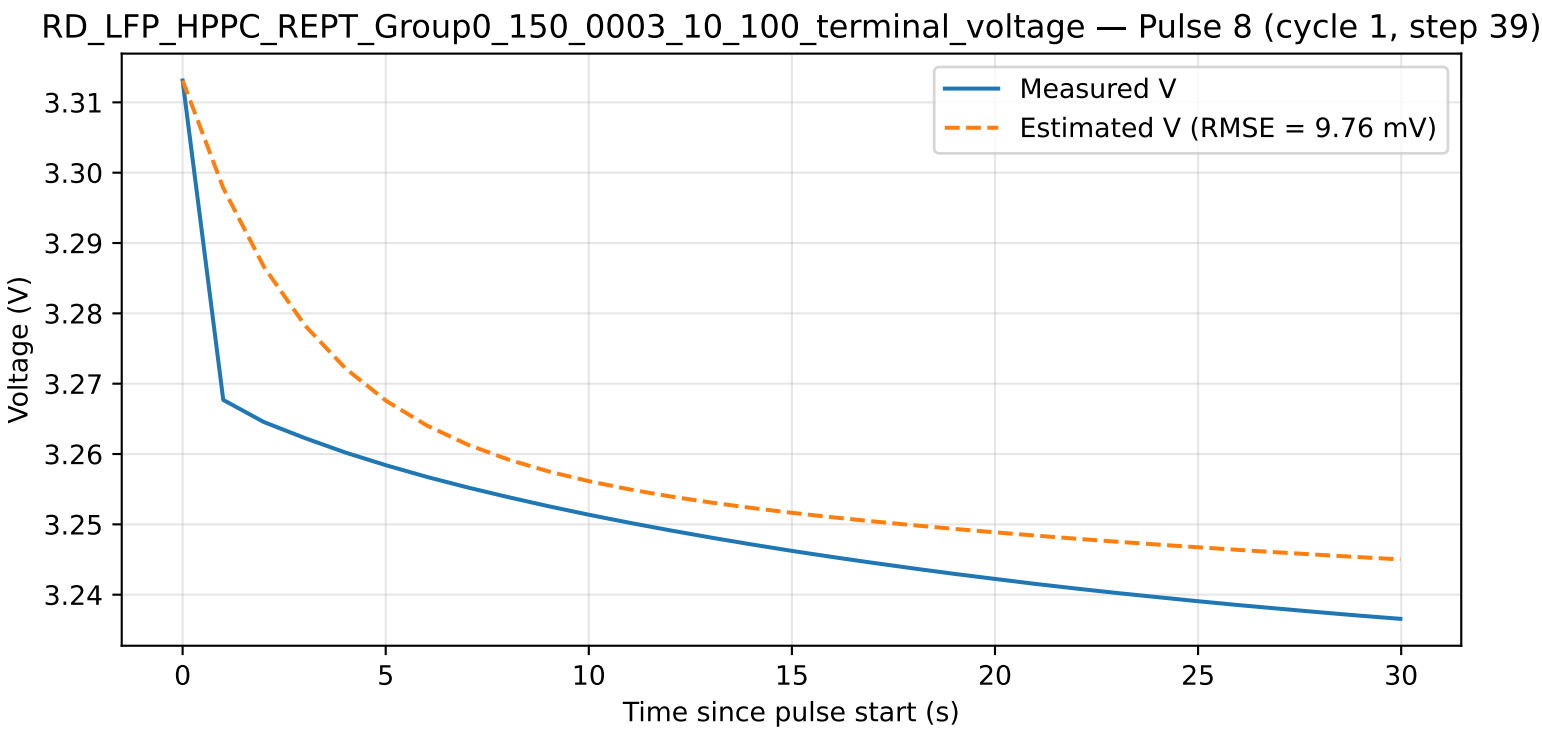

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 9.34 mV)
Voltage (V)
3.33
3.32
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

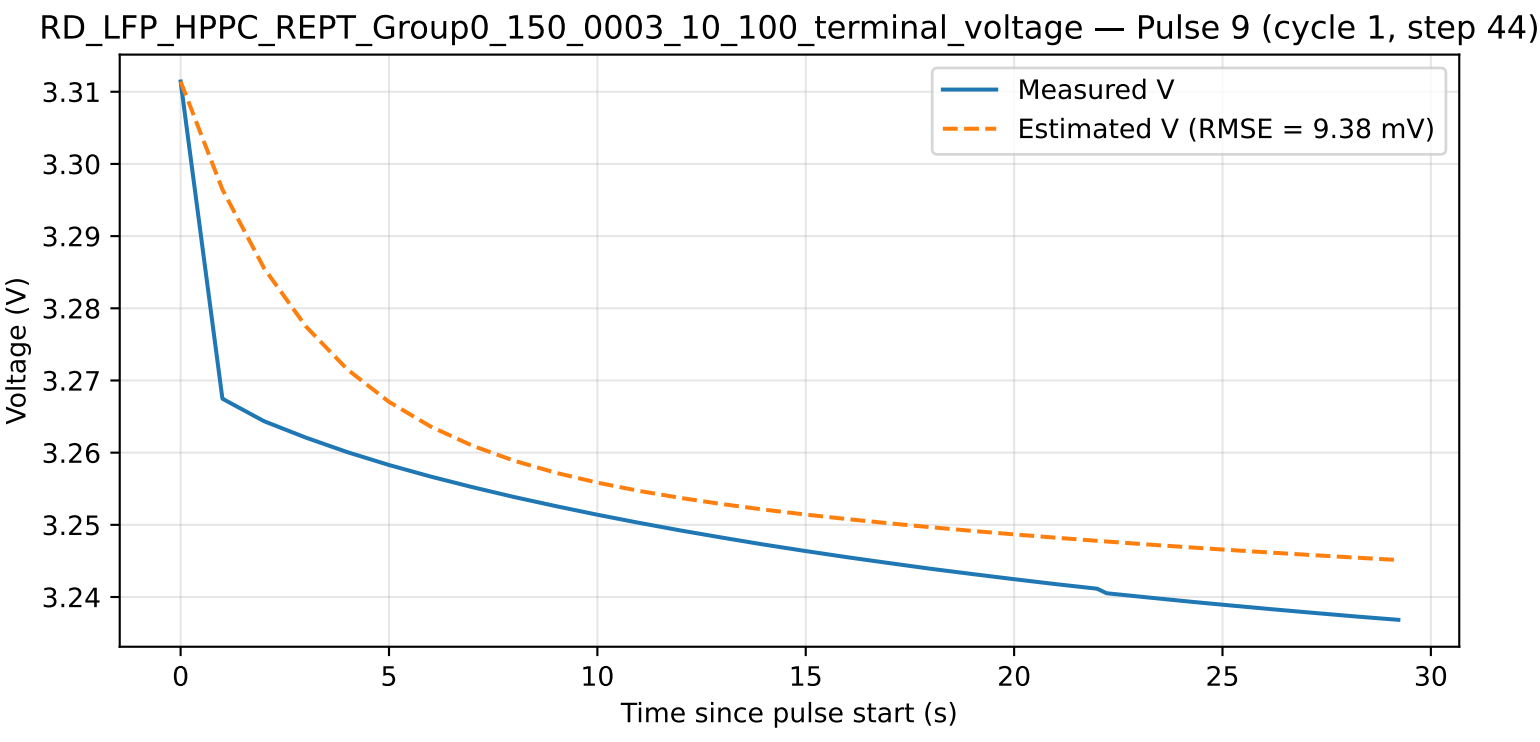

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 6.89 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

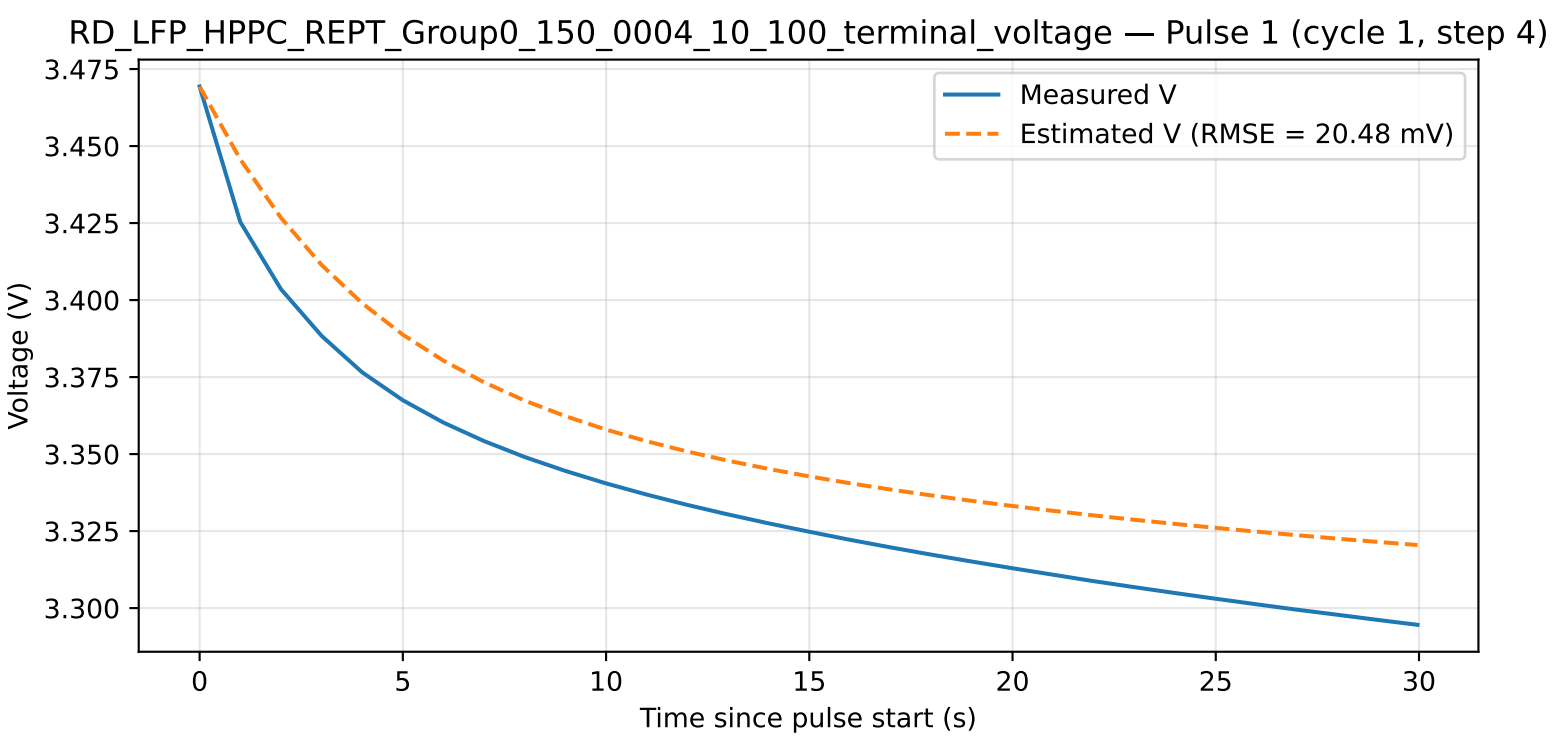

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 9.24 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

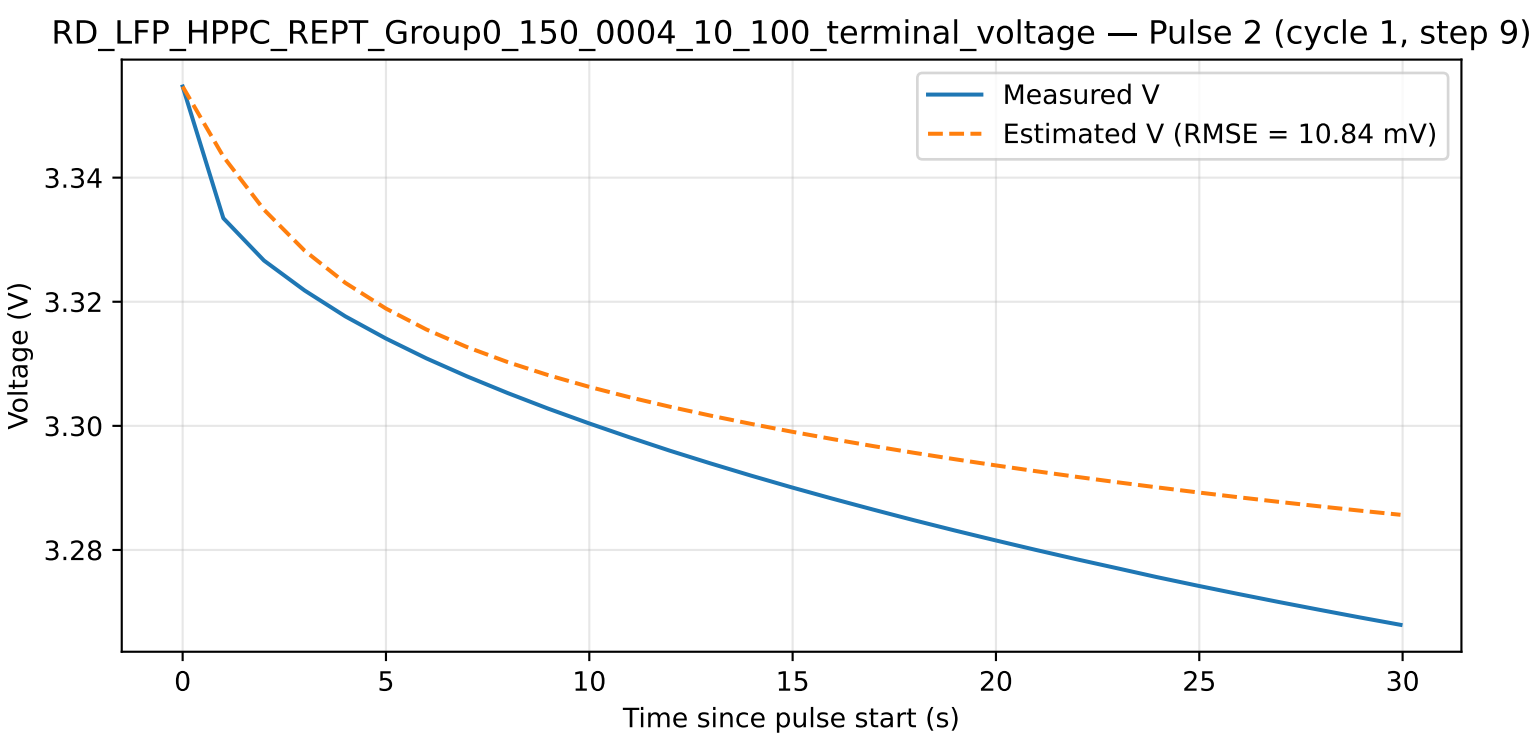

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.93 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

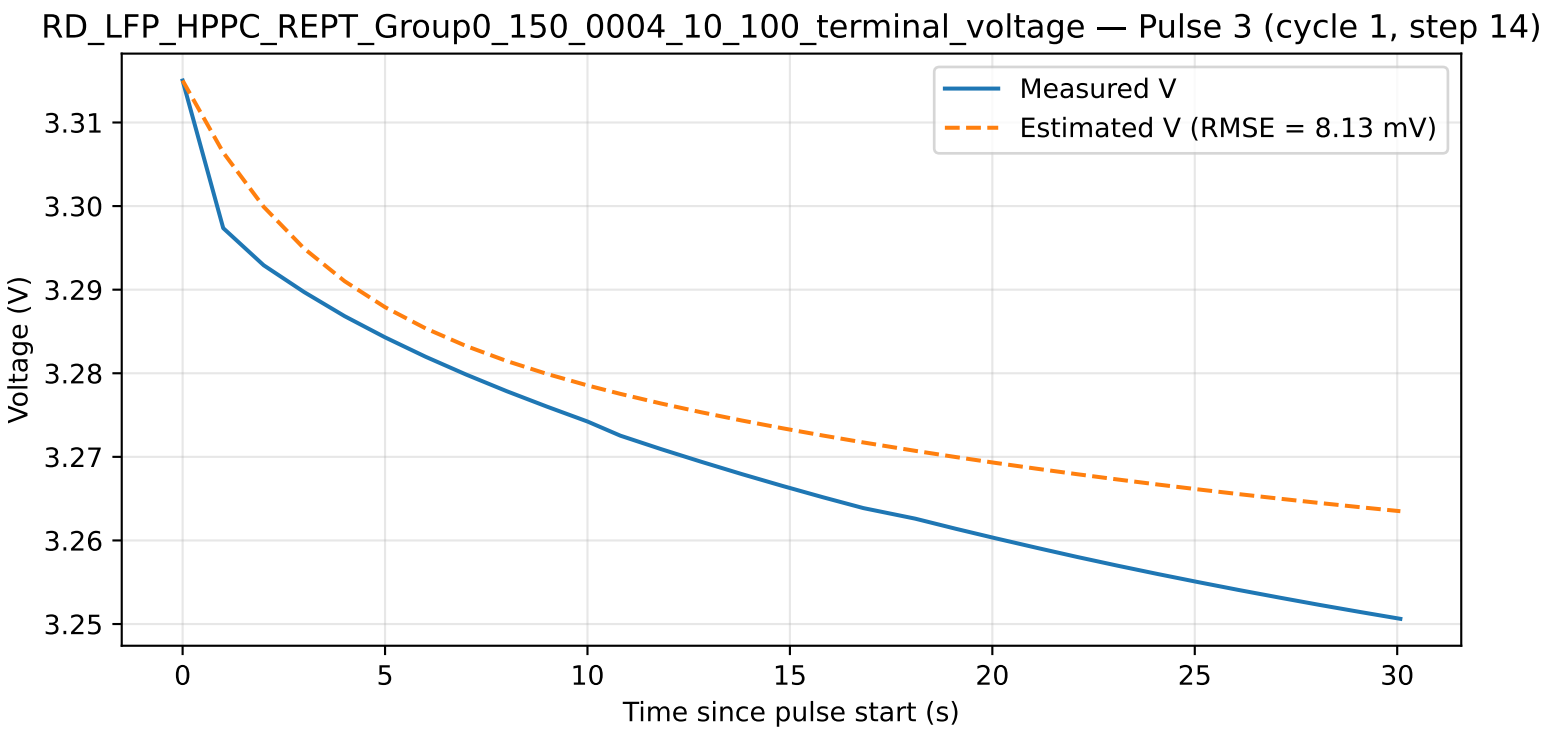

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.81 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

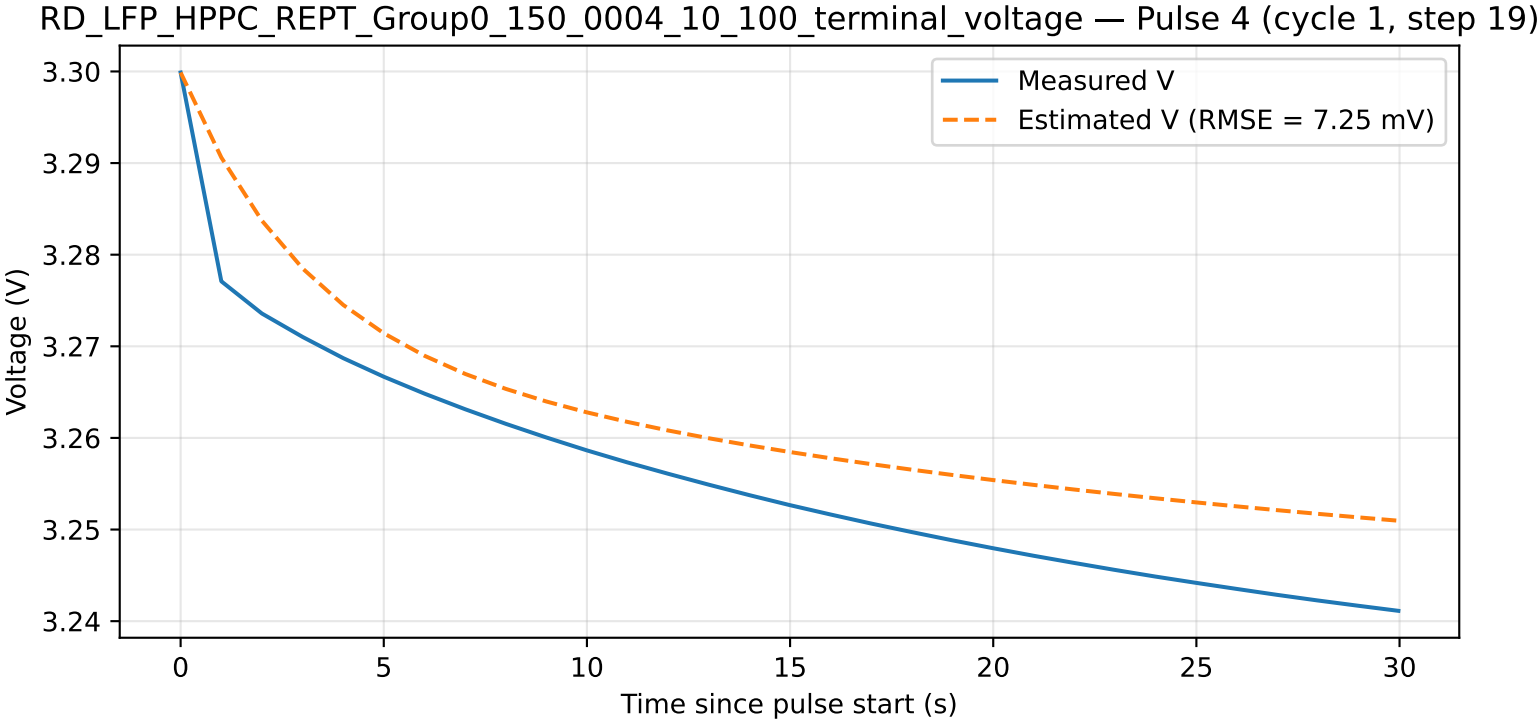

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 9.76 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

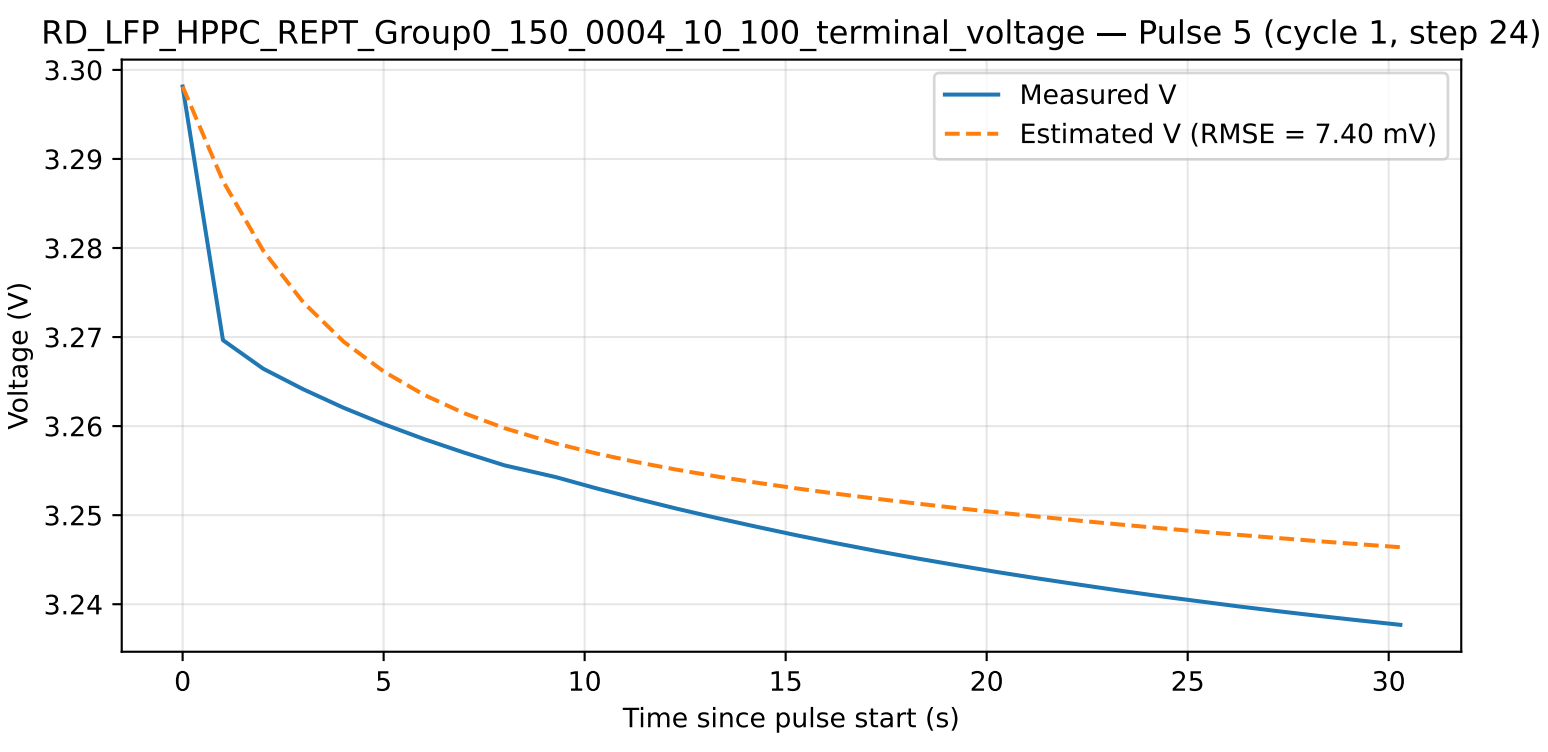

RD_LFP_HPPC_REPT_Group0_150_0003_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 9.38 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

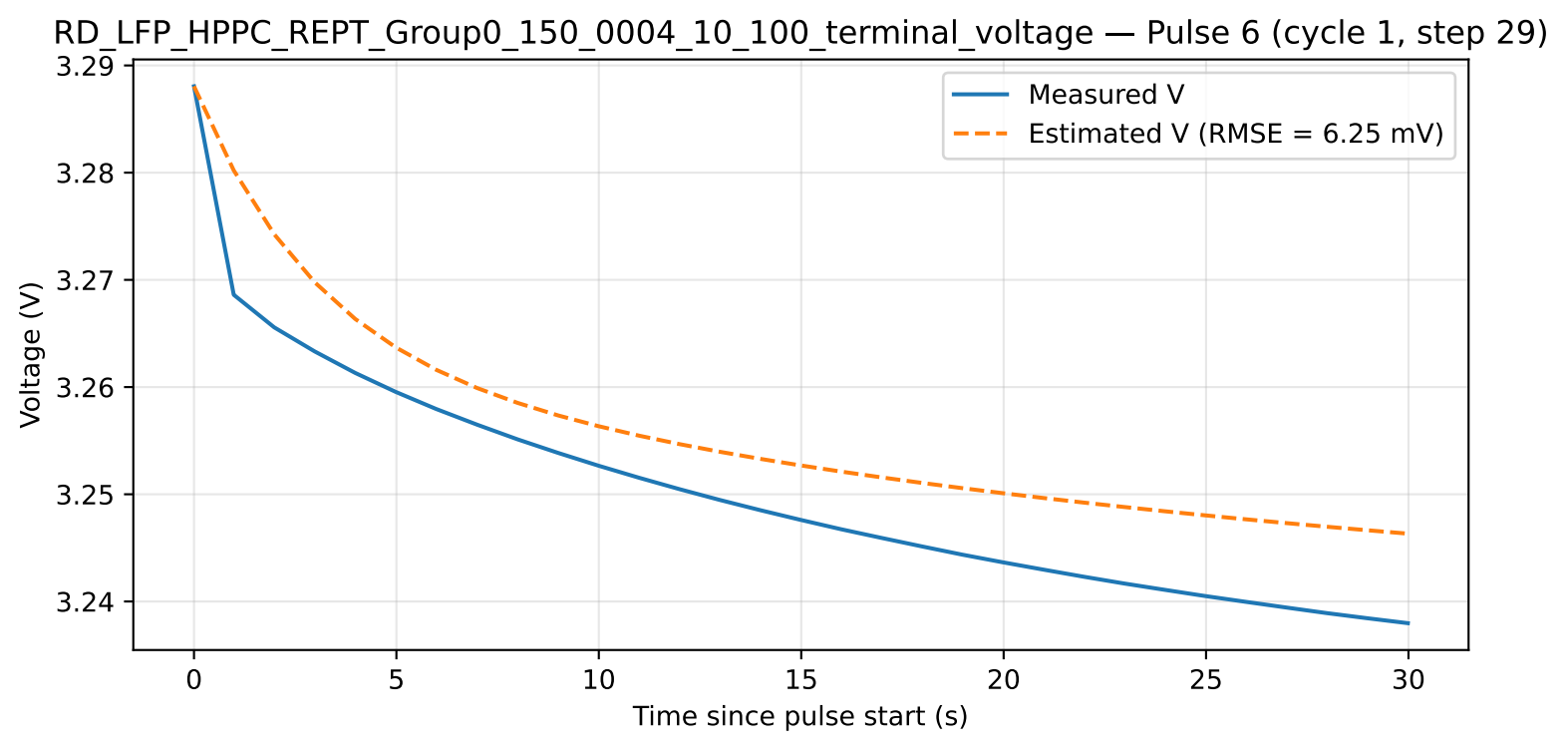

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 20.48 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

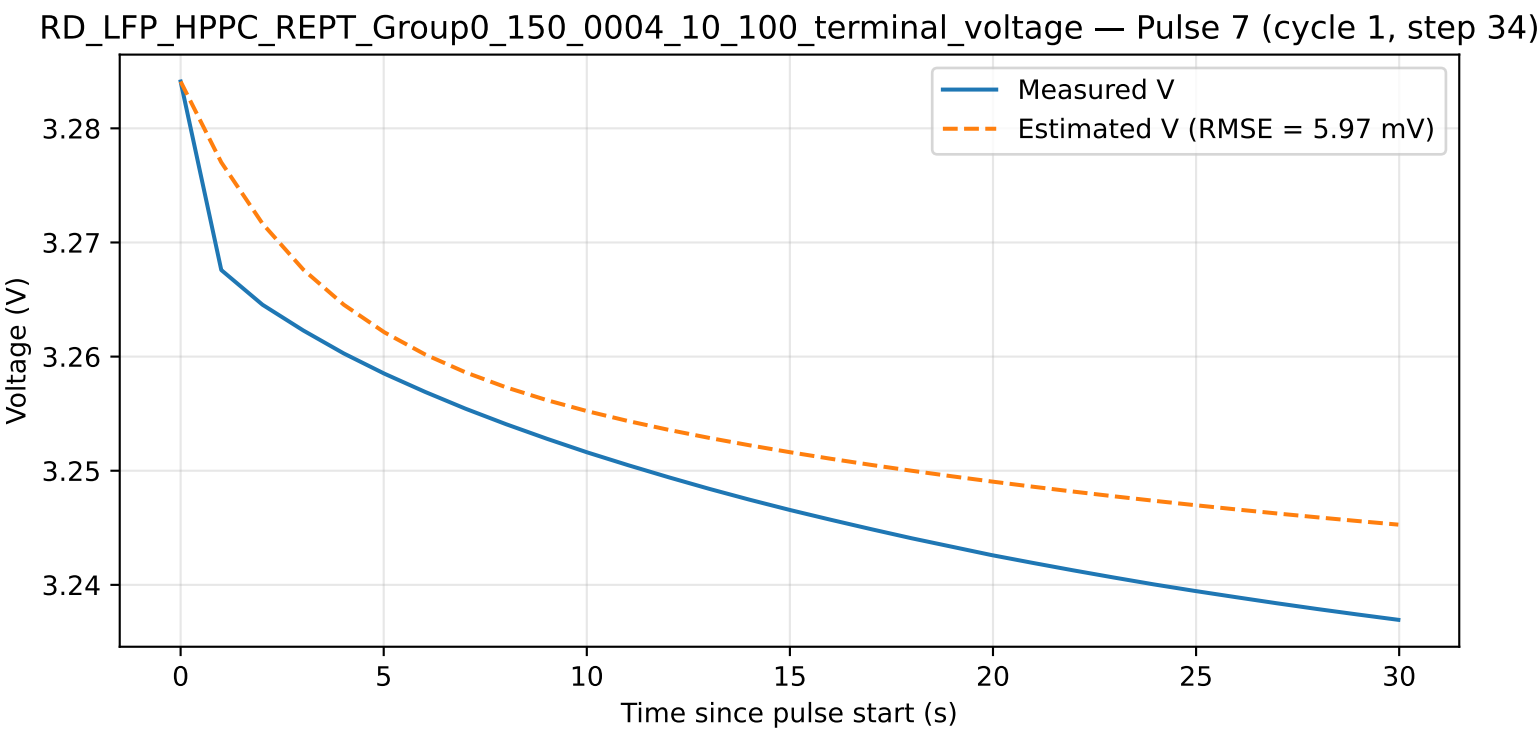

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.84 mV)
Voltage (V)
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

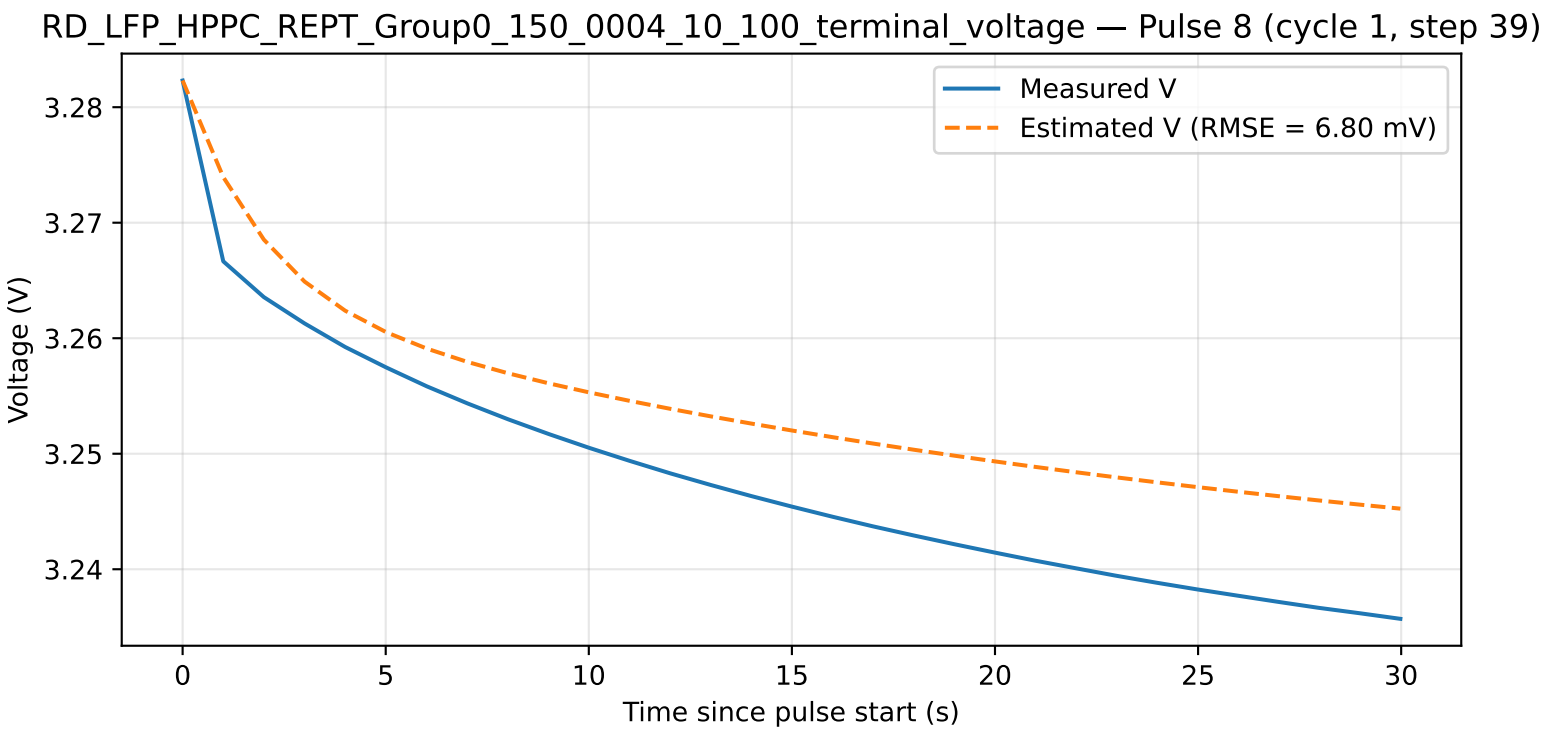

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 8.13 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

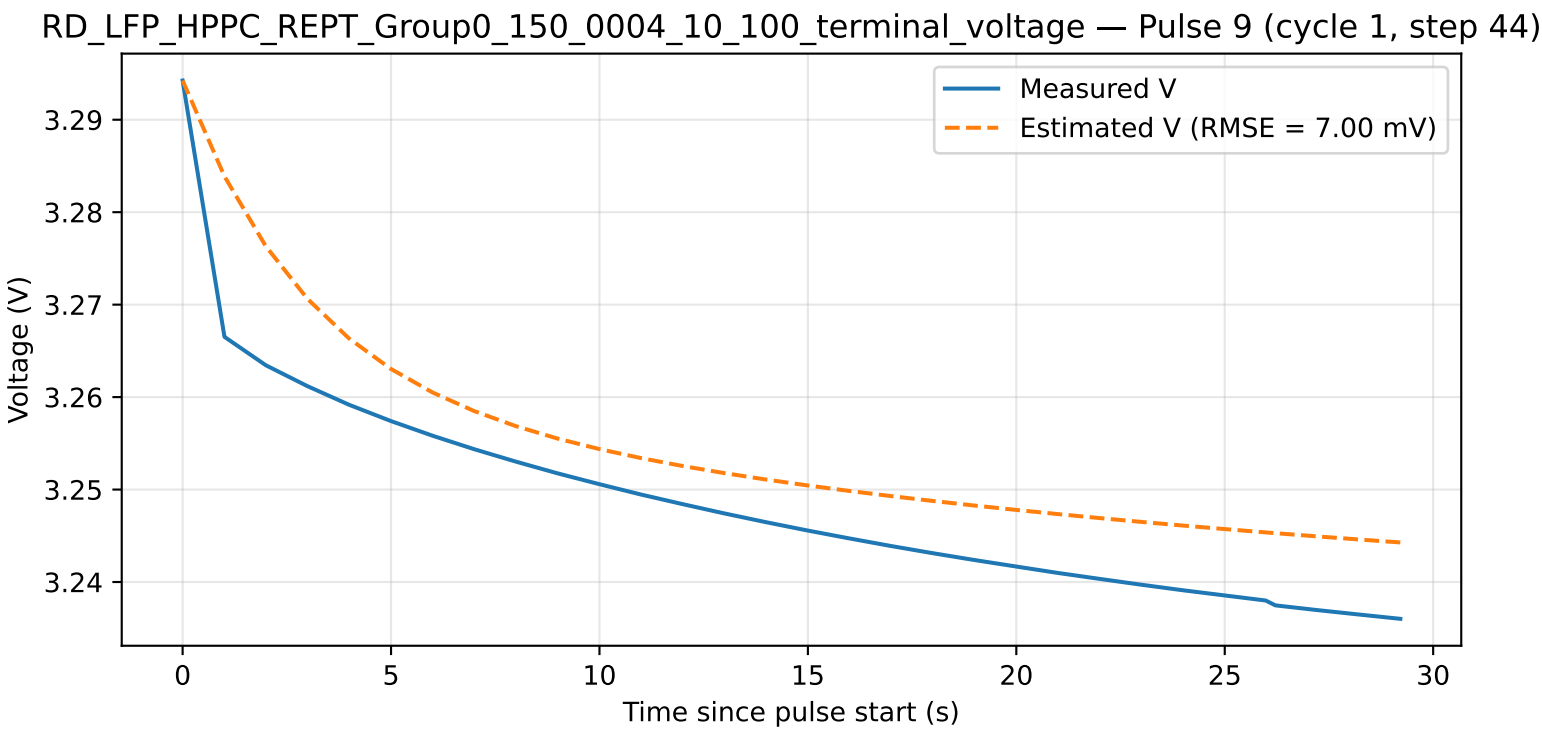

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.25 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

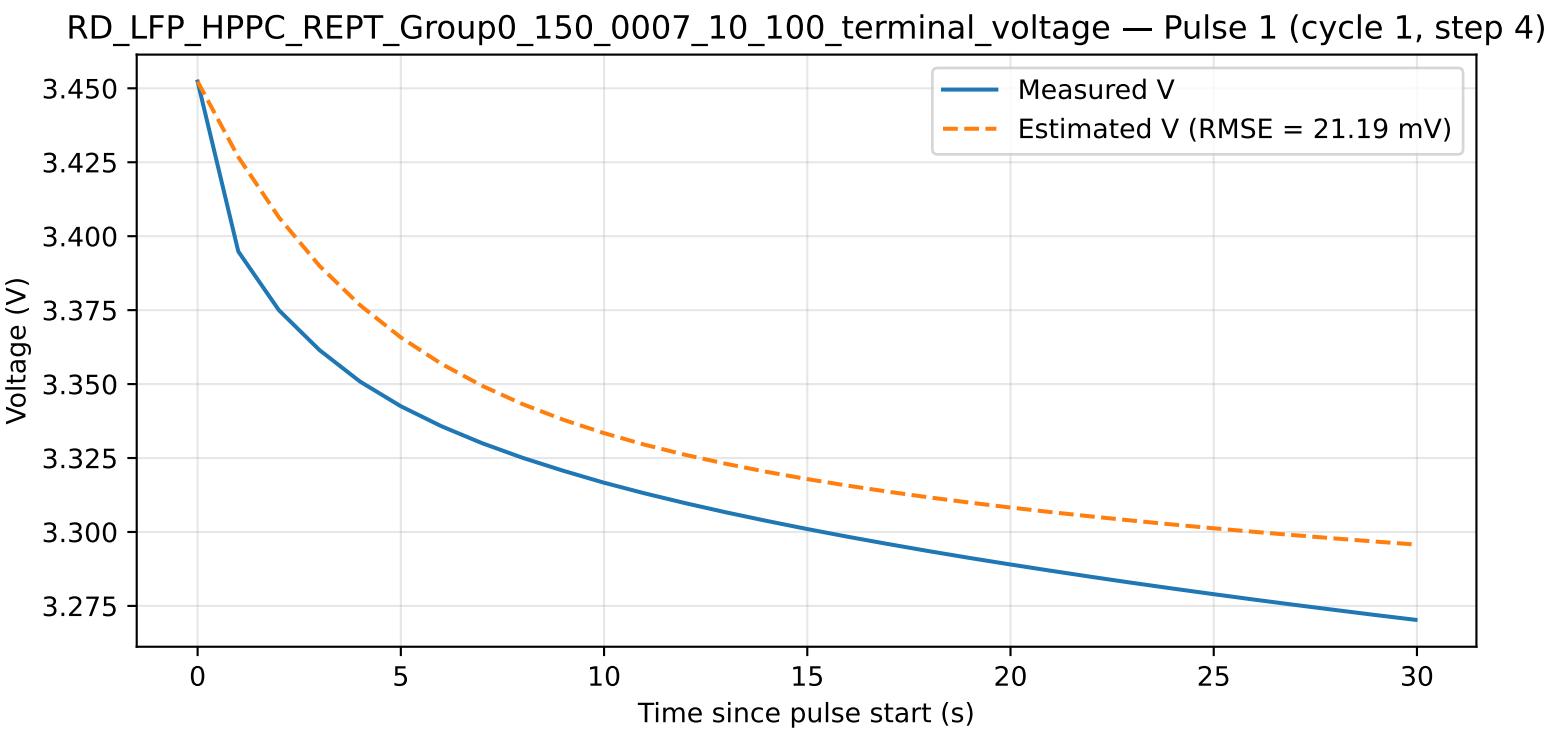

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 7.40 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

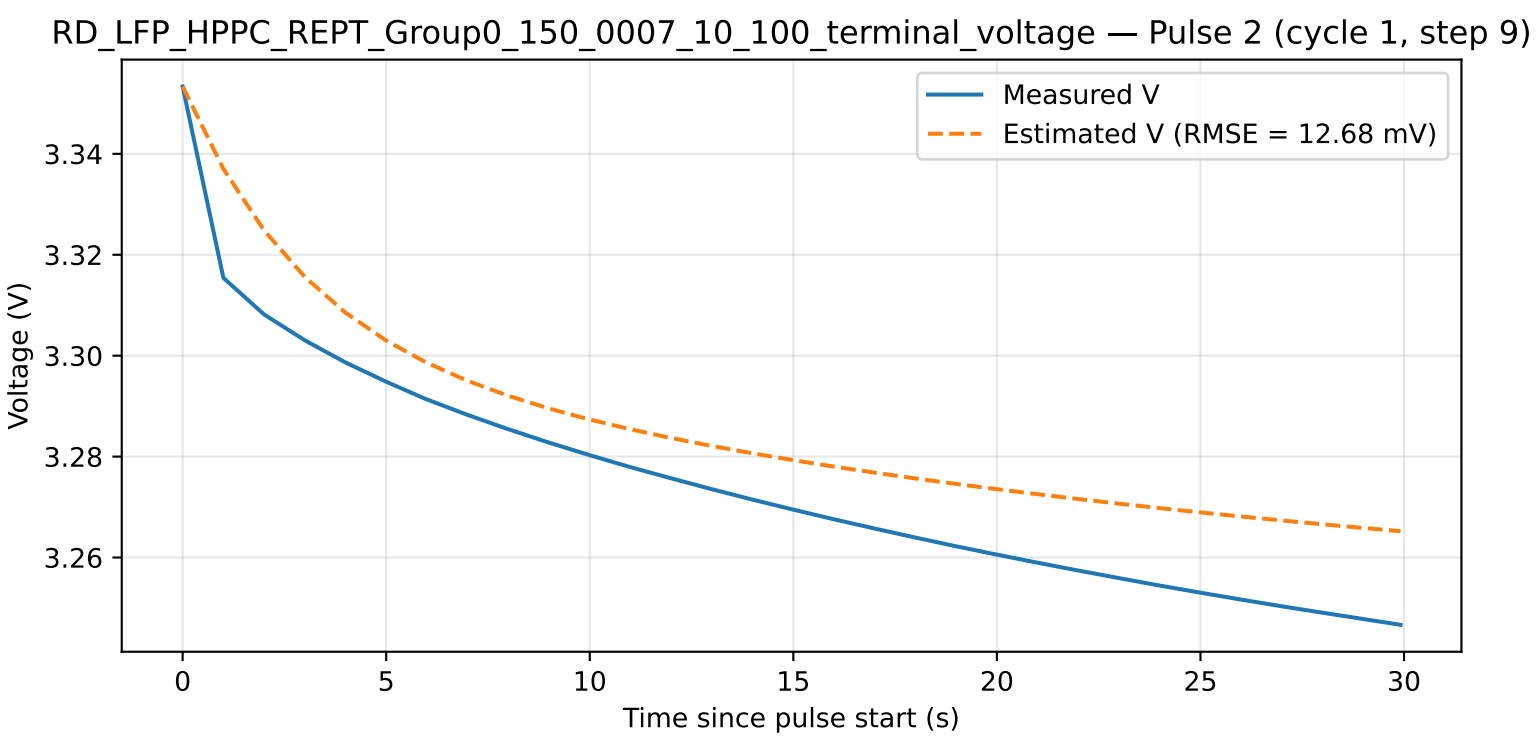

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.25 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

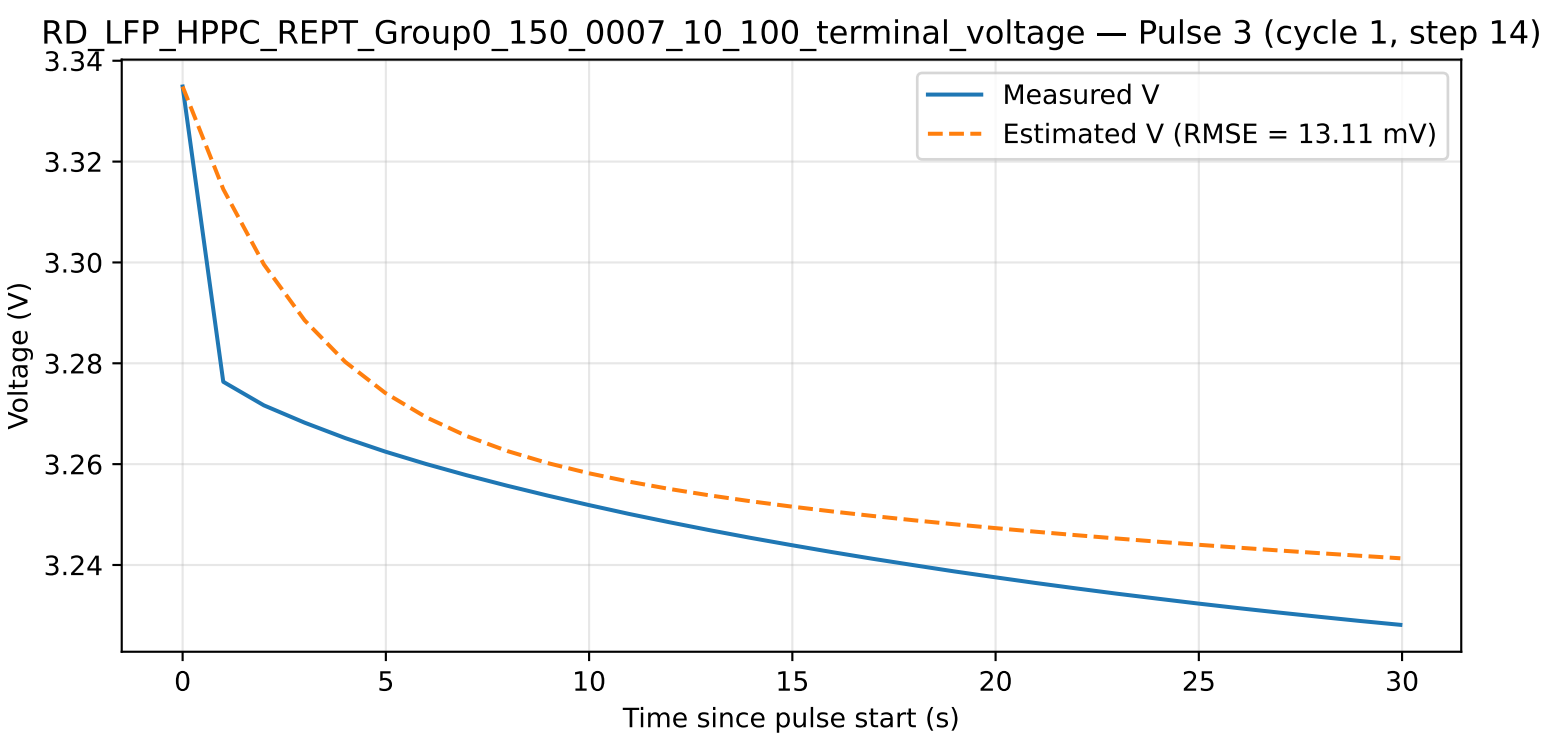

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 5.97 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

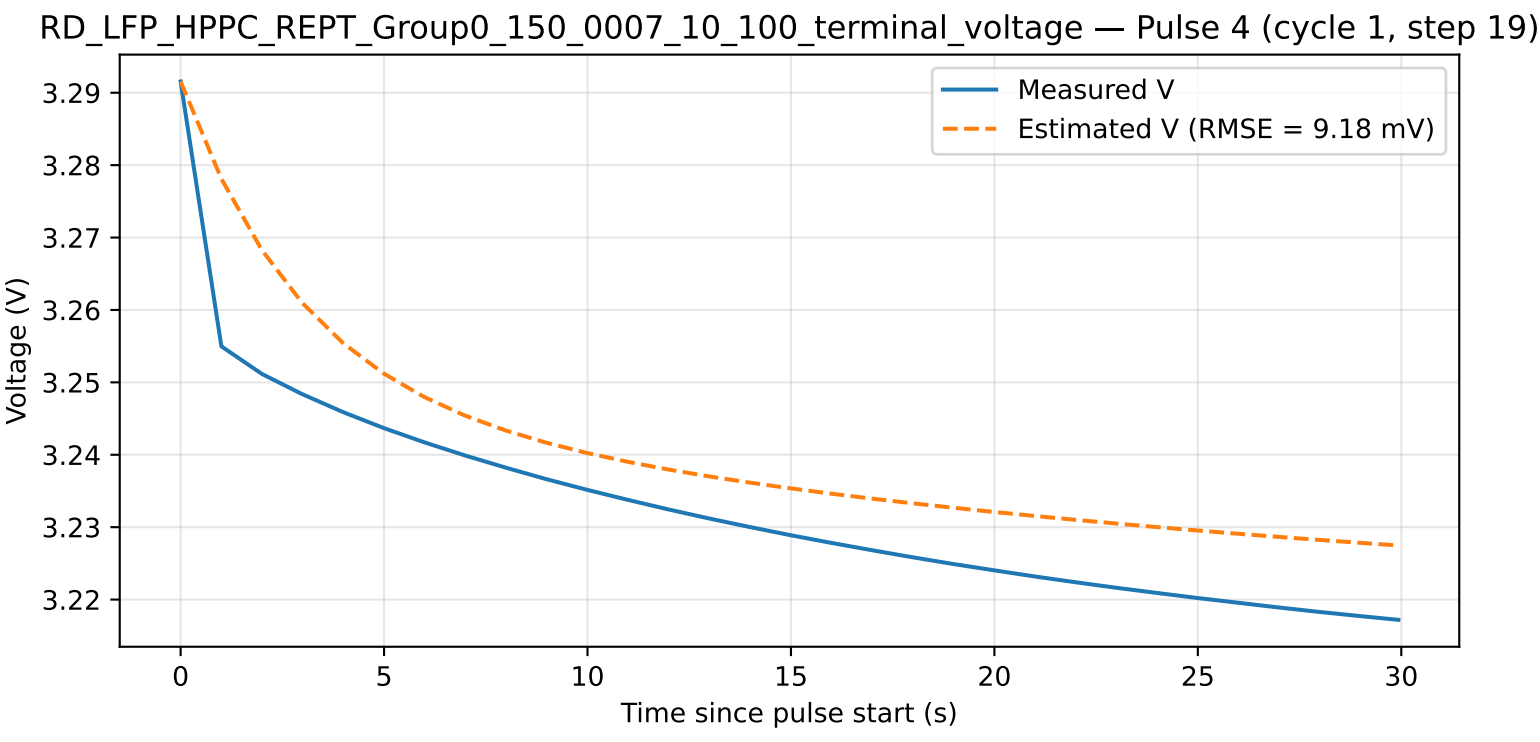

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.80 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

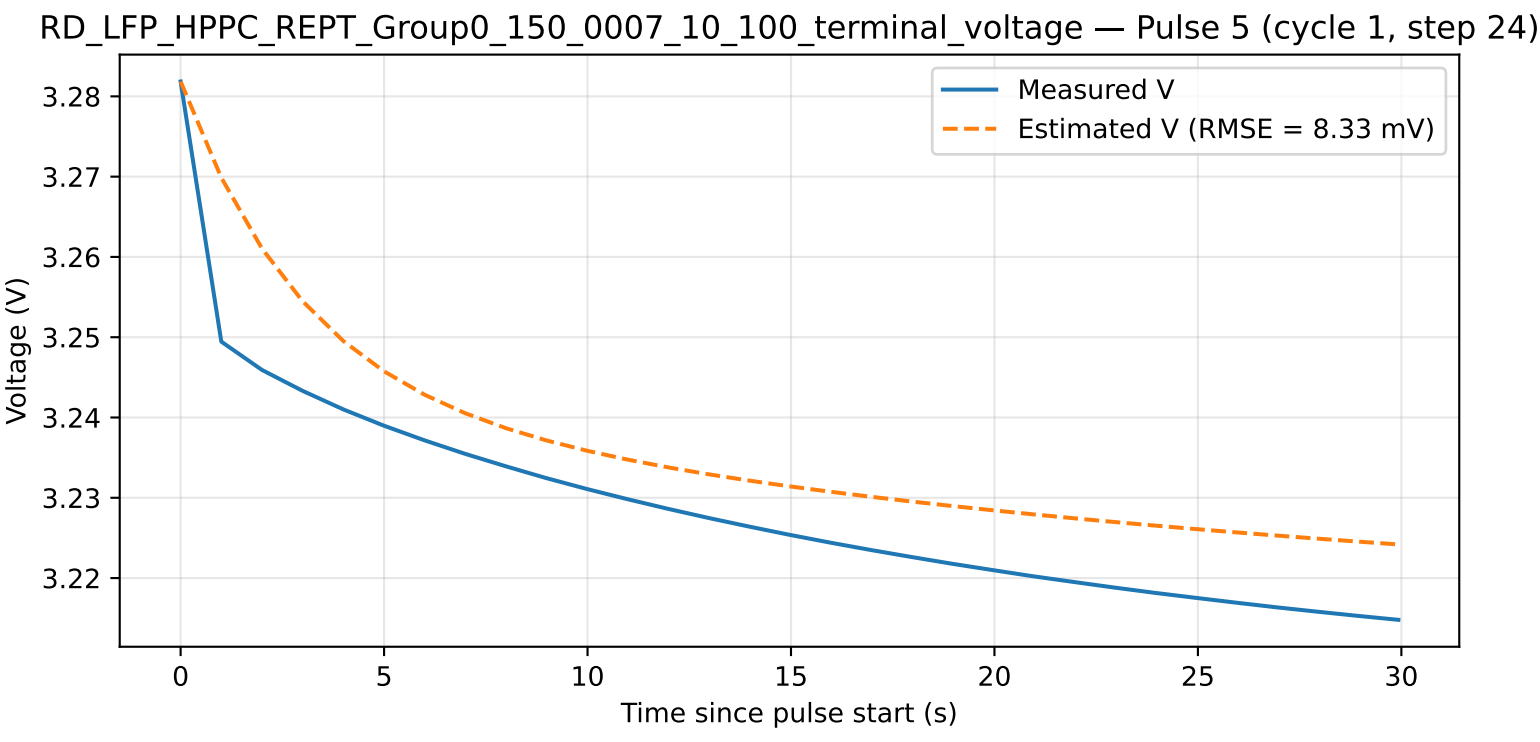

RD_LFP_HPPC_REPT_Group0_150_0004_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 7.00 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

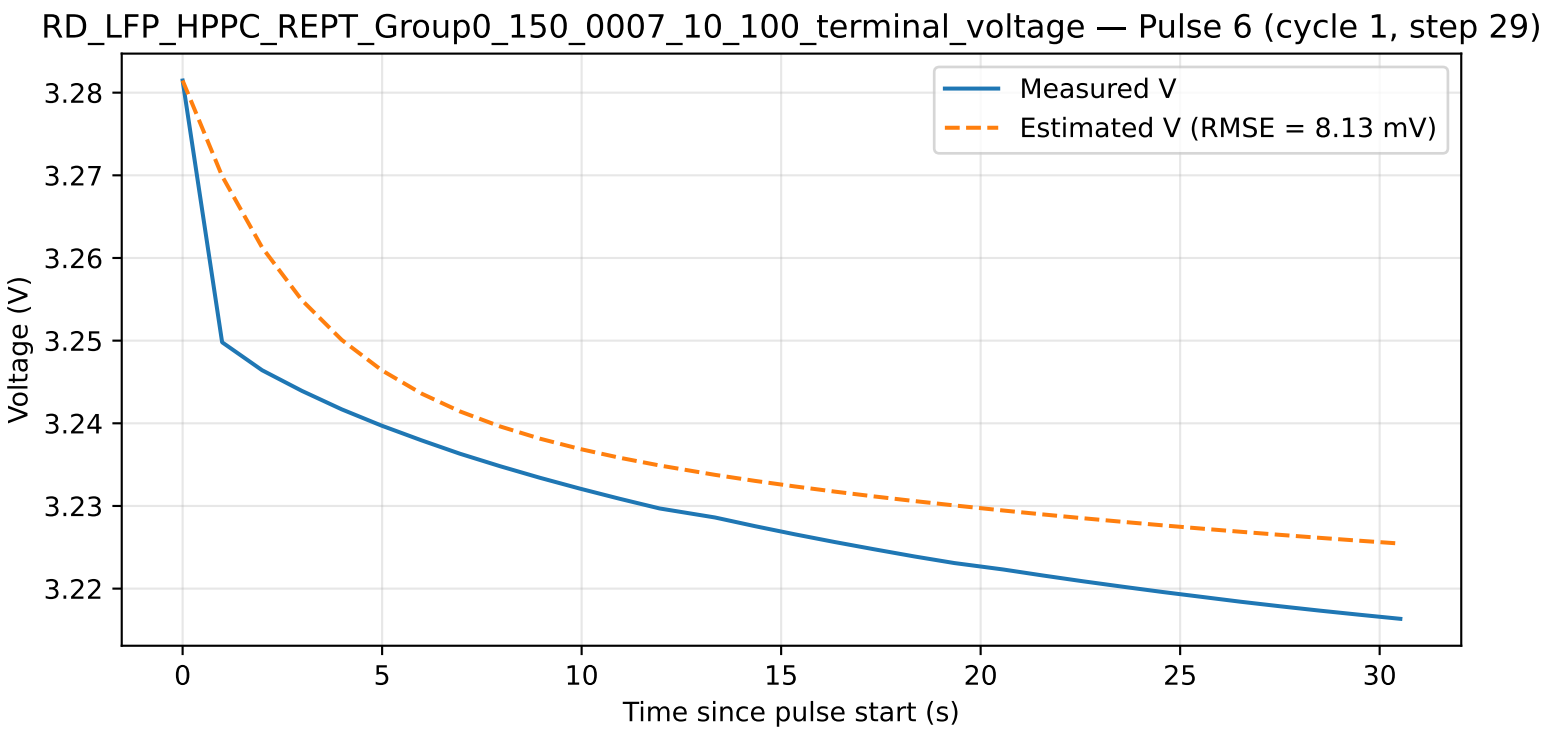

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 21.19 mV)
Voltage (V)
3.450
3.425
3.400
3.375
3.350
3.325
3.300
3.275
0
5
10
15
20
25
30
Time since pulse start (s)

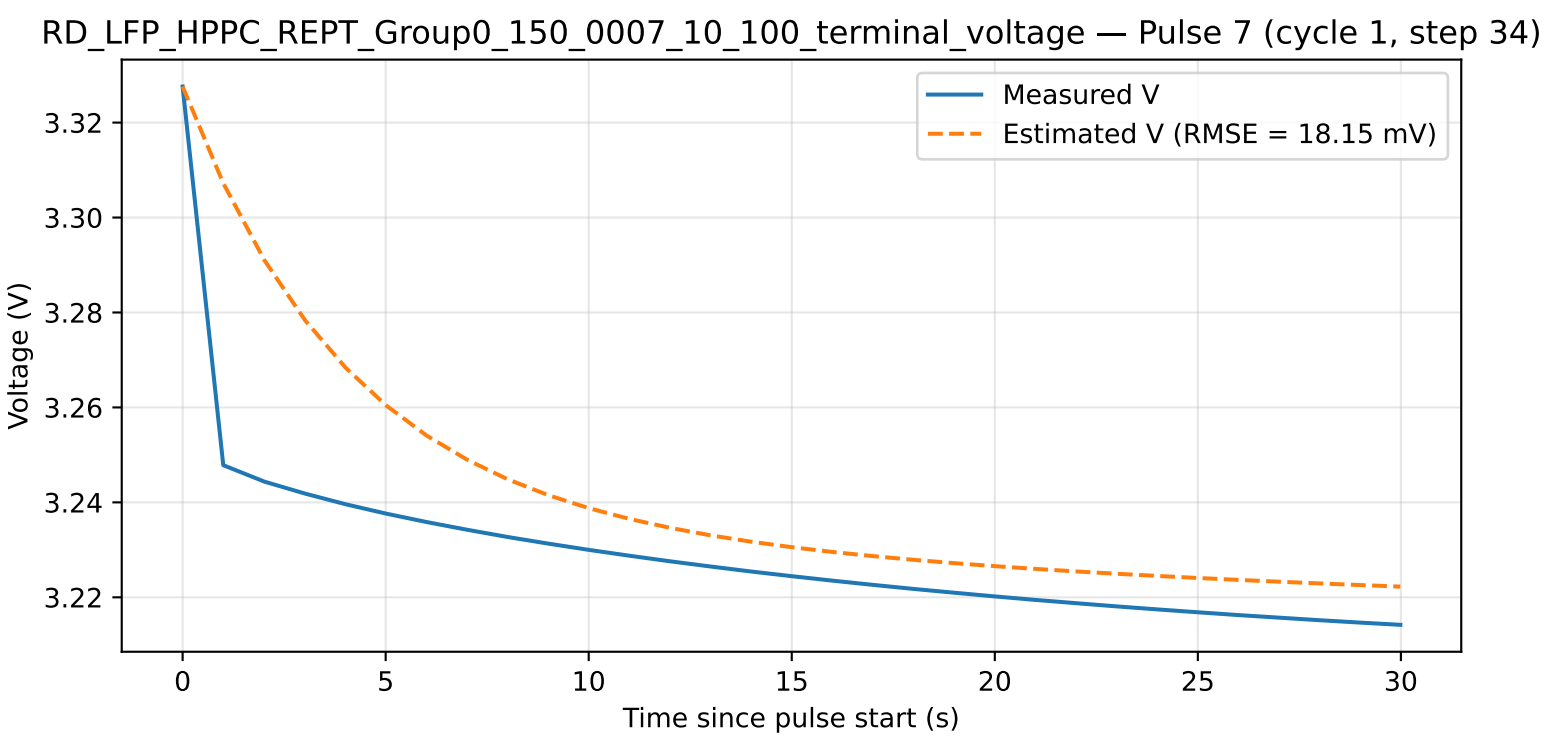

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 12.68 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

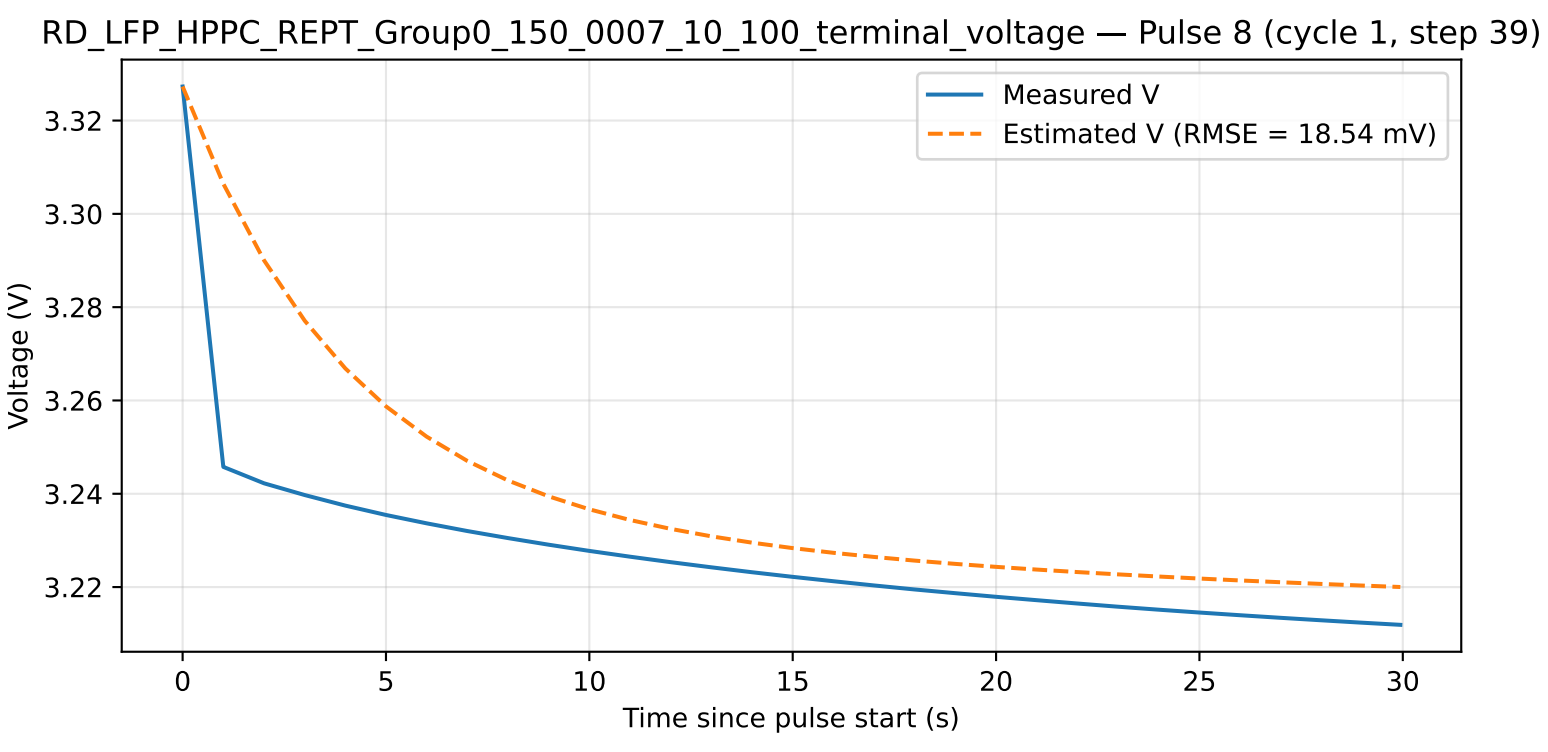

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 13.11 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

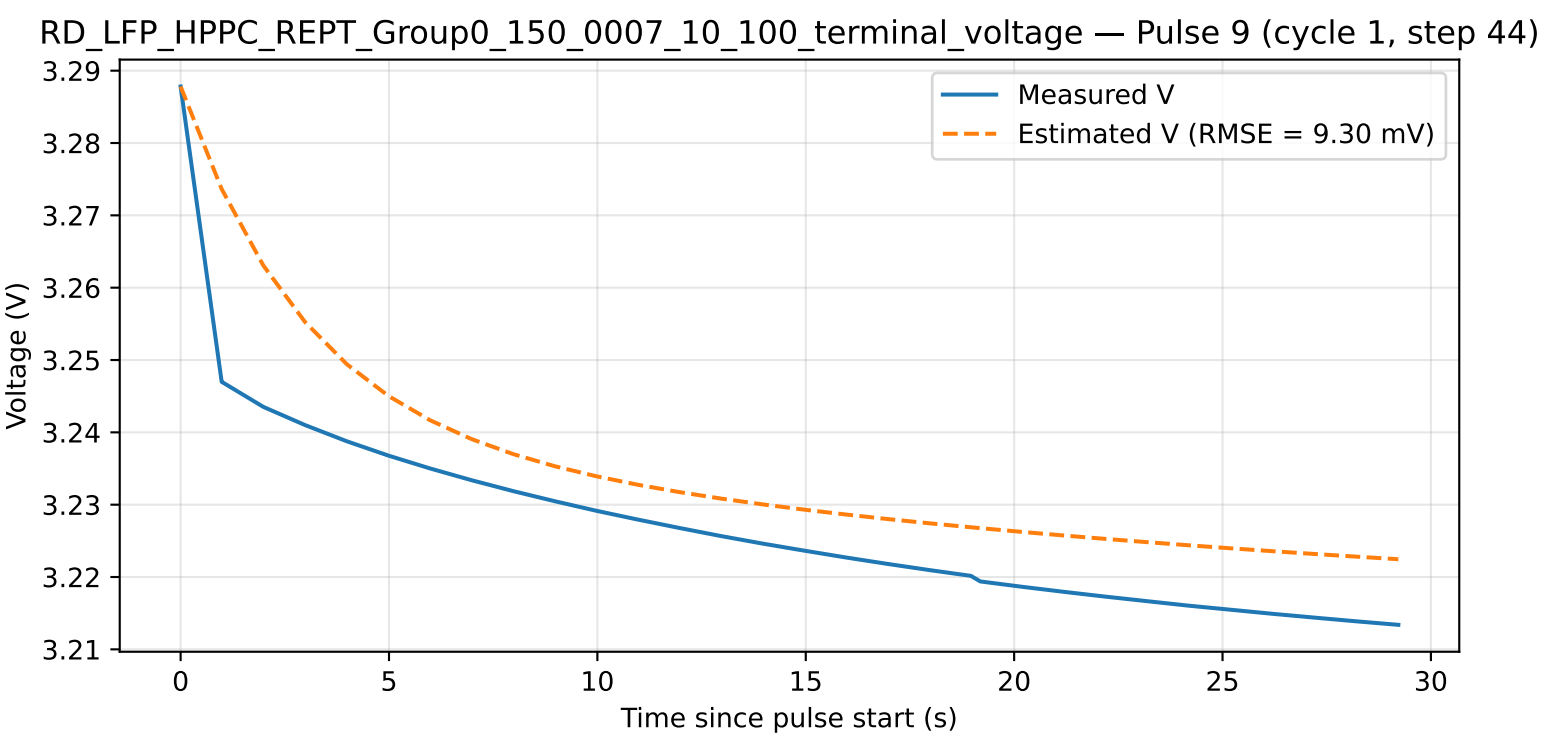

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 9.18 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

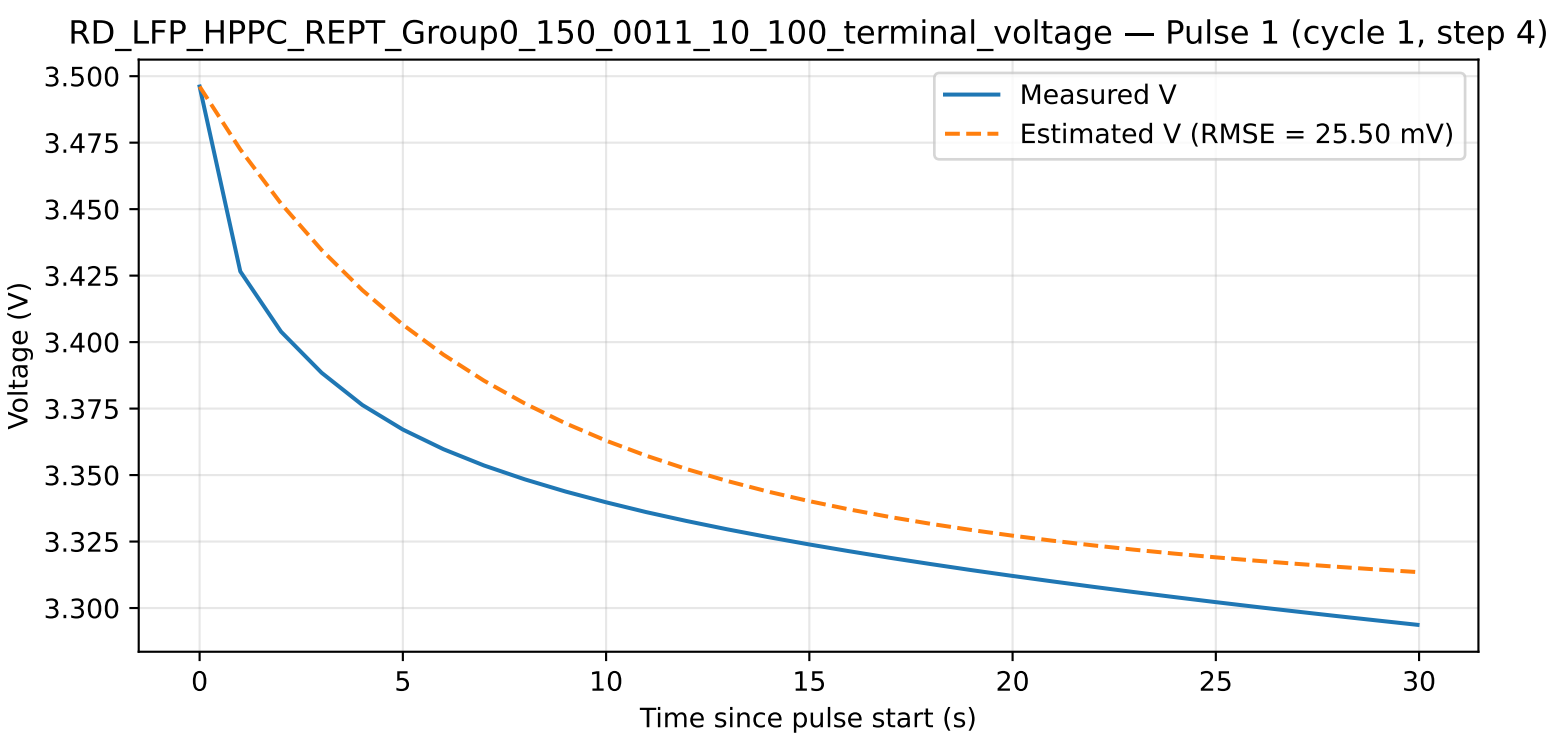

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 8.33 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

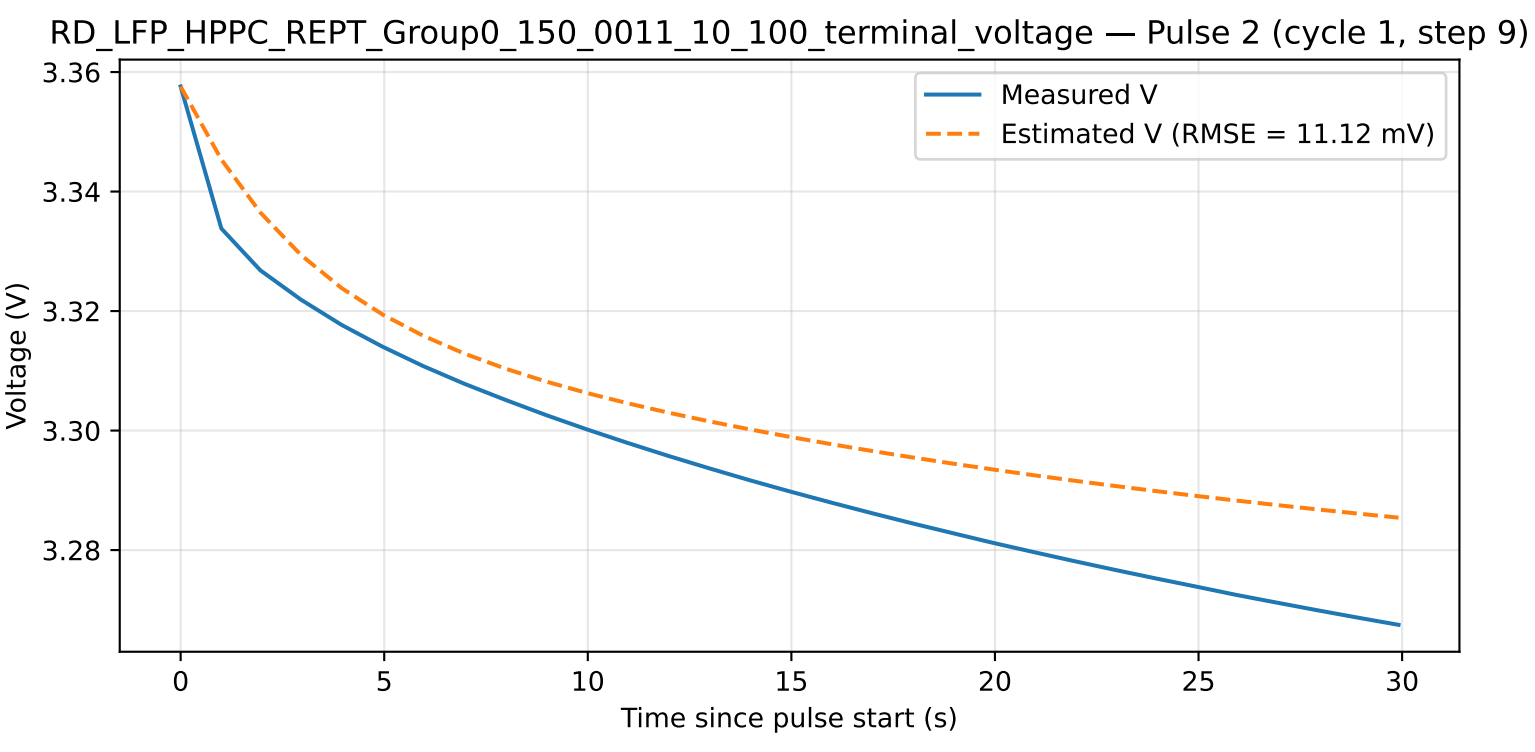

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 8.13 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

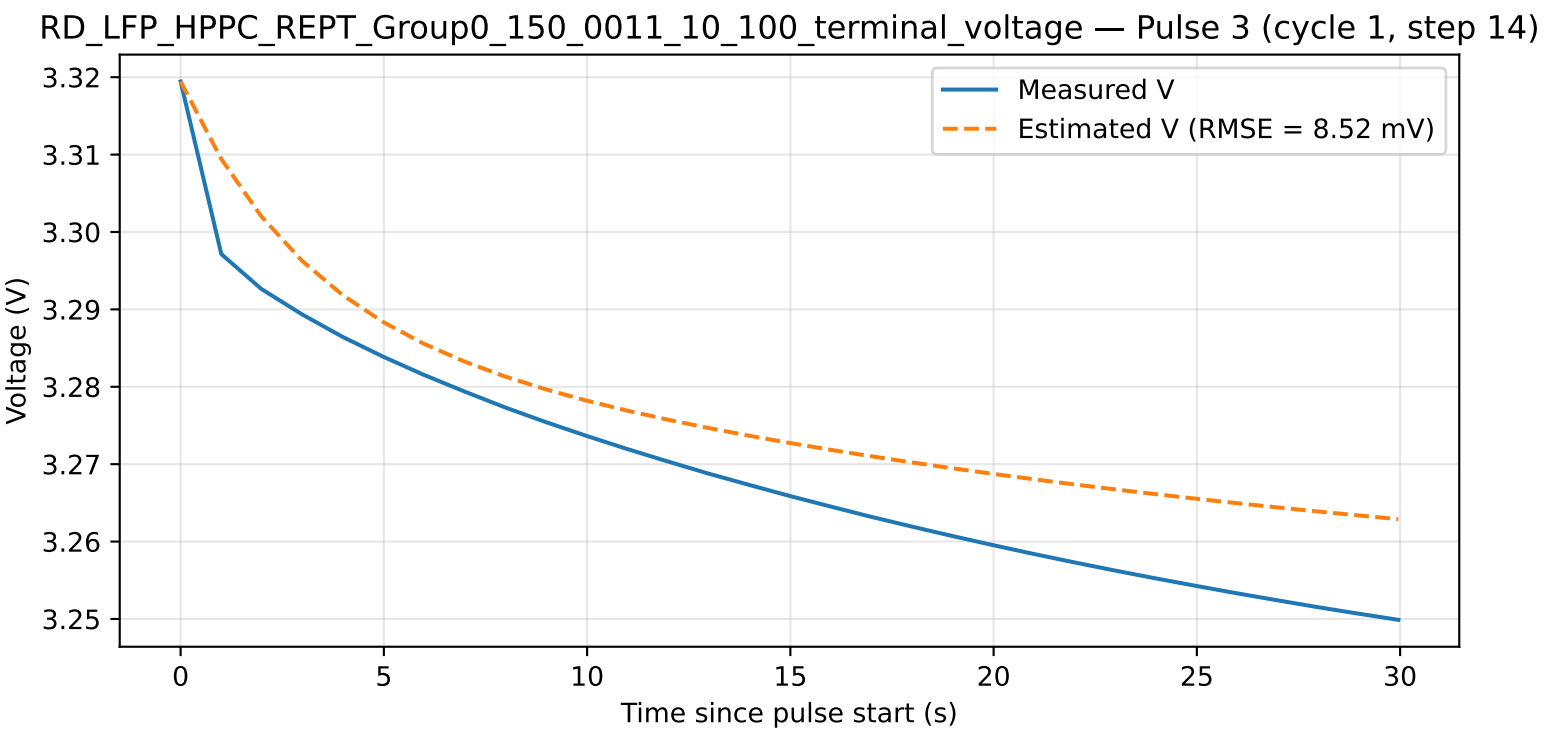

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 18.15 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

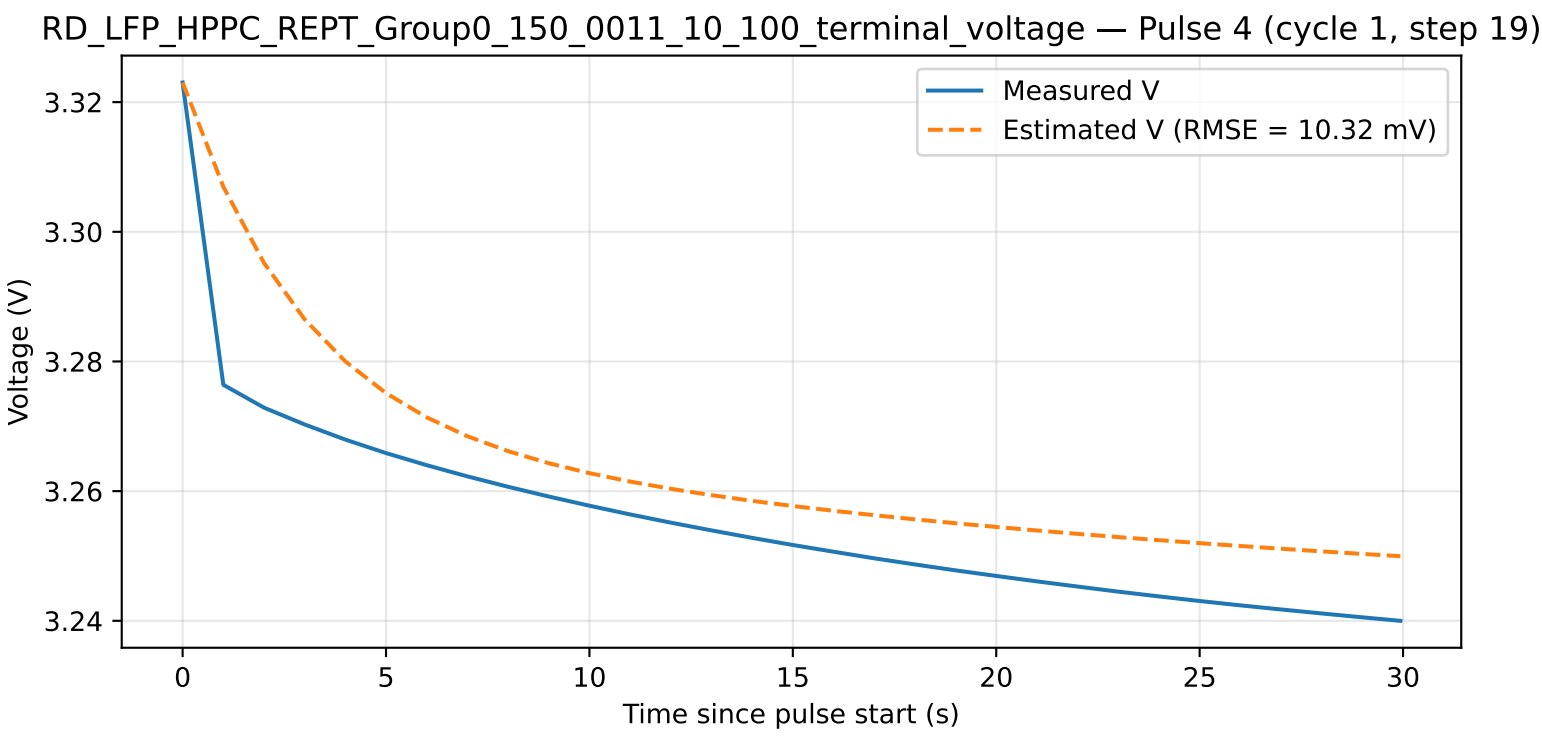

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 18.54 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

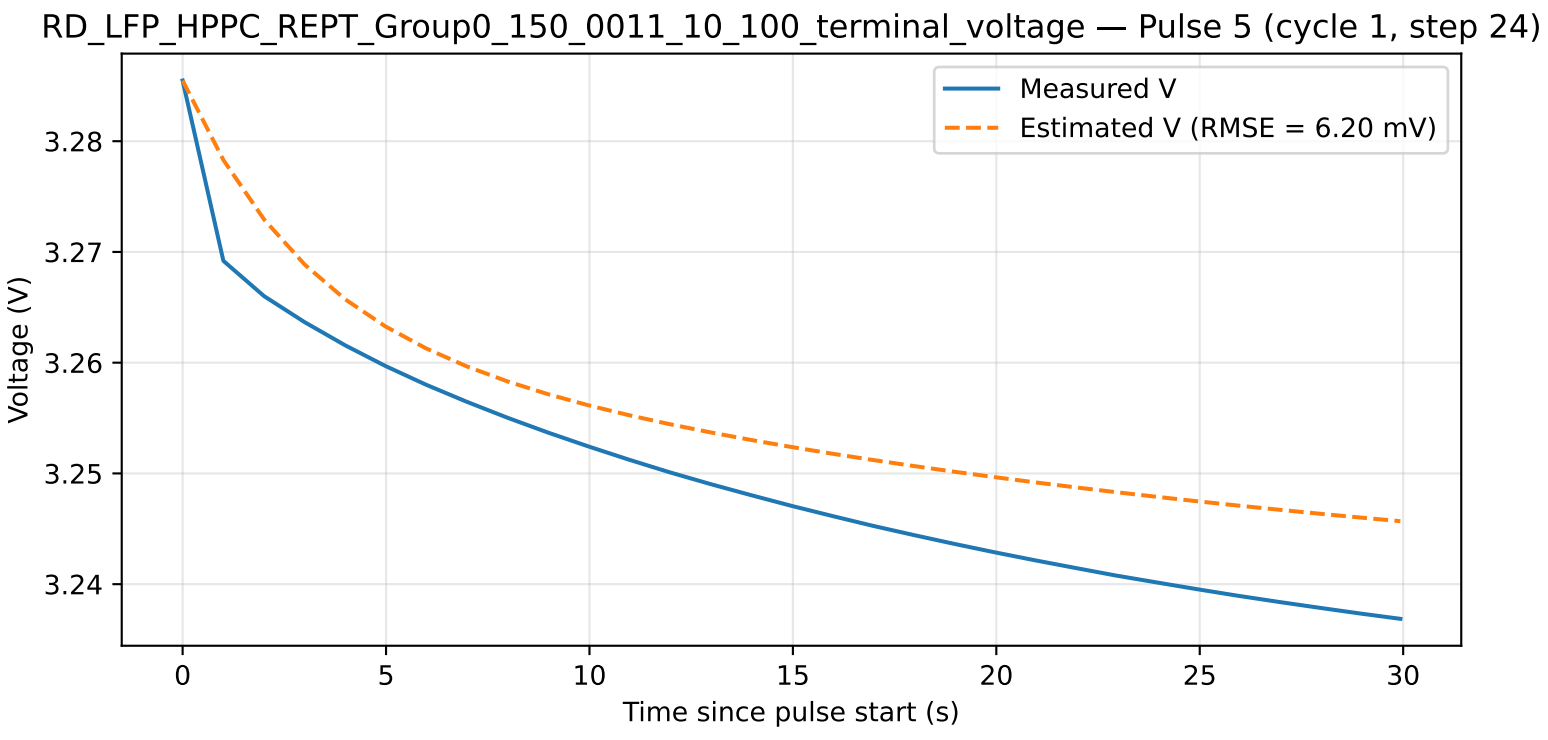

RD_LFP_HPPC_REPT_Group0_150_0007_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 9.30 mV)
Voltage (V)
Time since pulse start (s)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
3.21
0
5
10
15
20
25
30

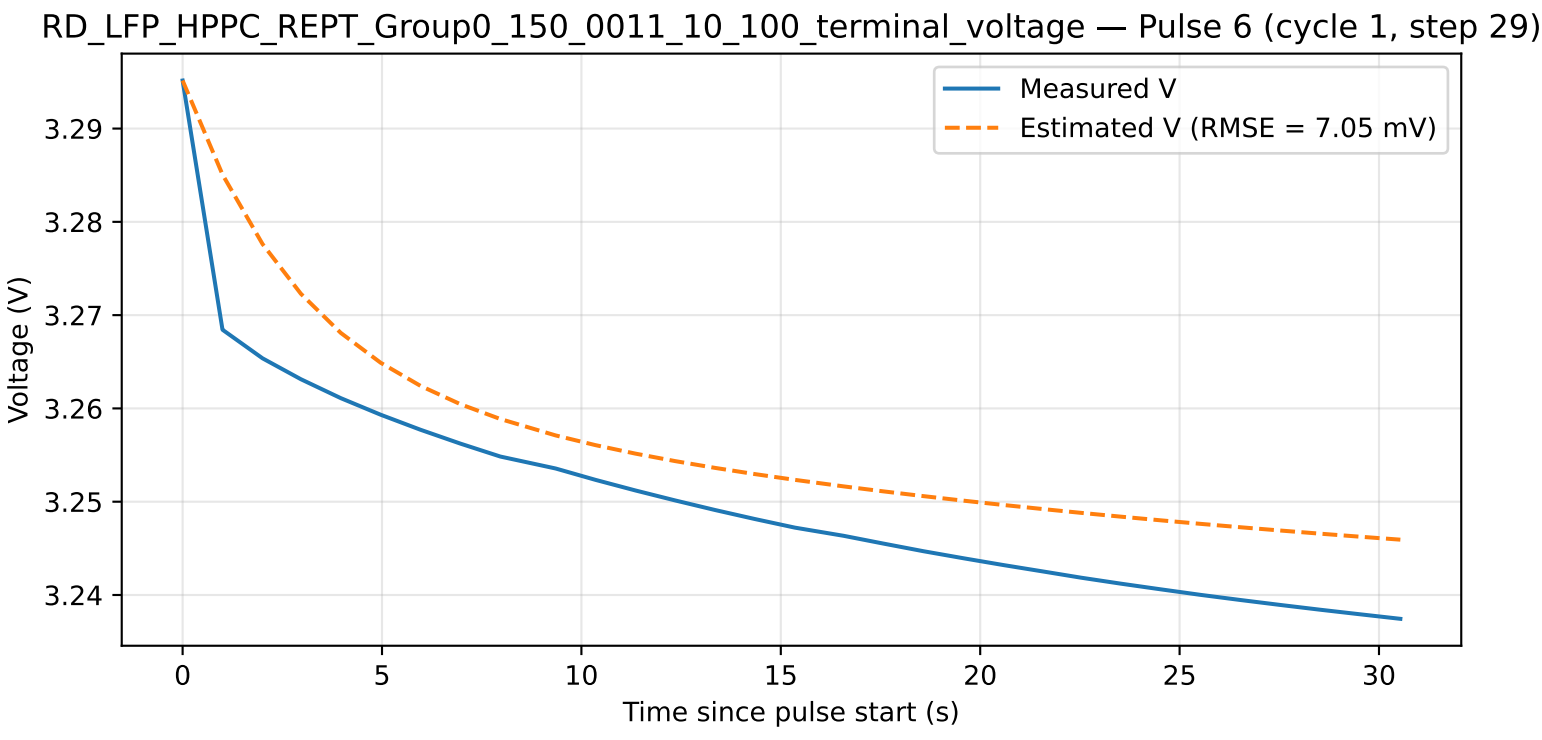

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 25.50 mV)
Voltage (V)
3.500
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

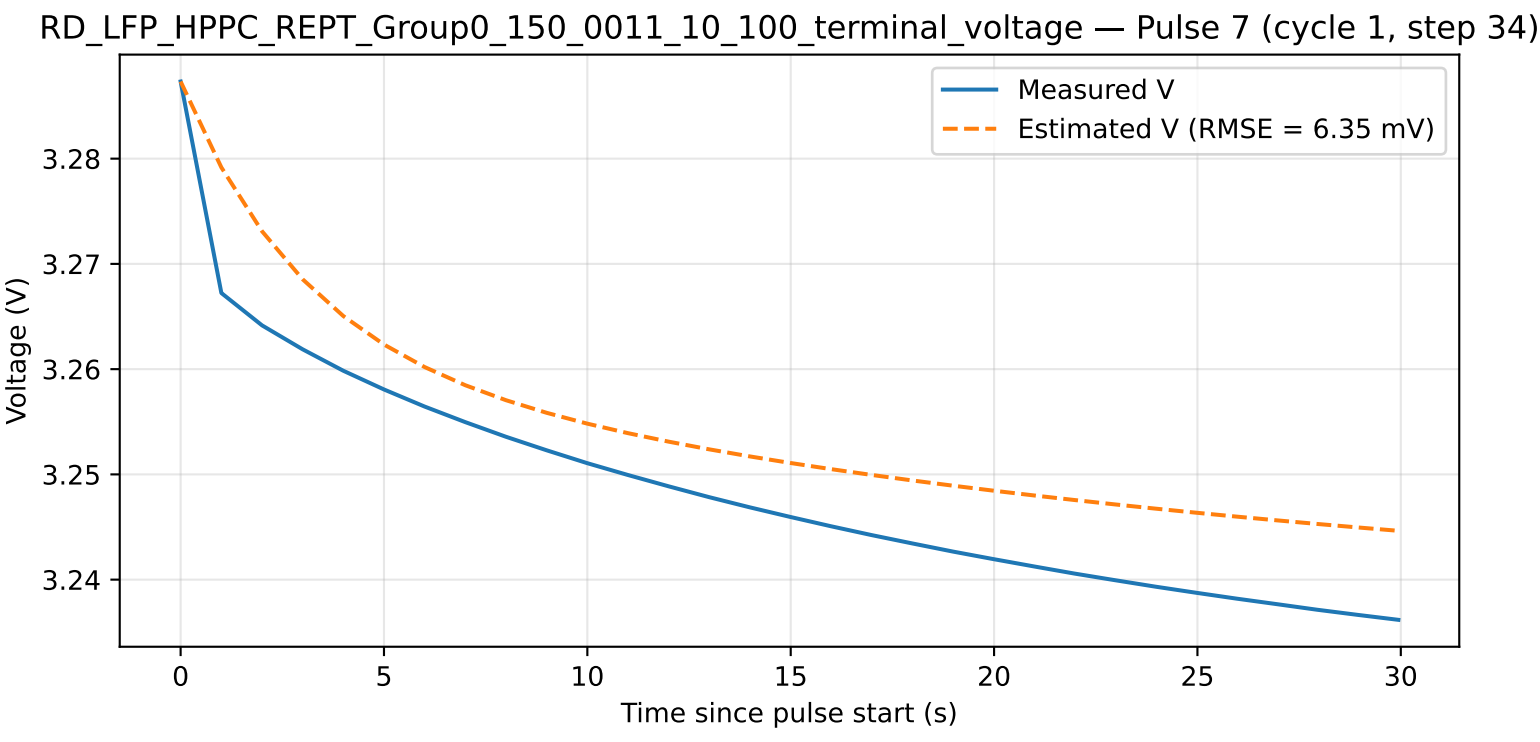

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.12 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

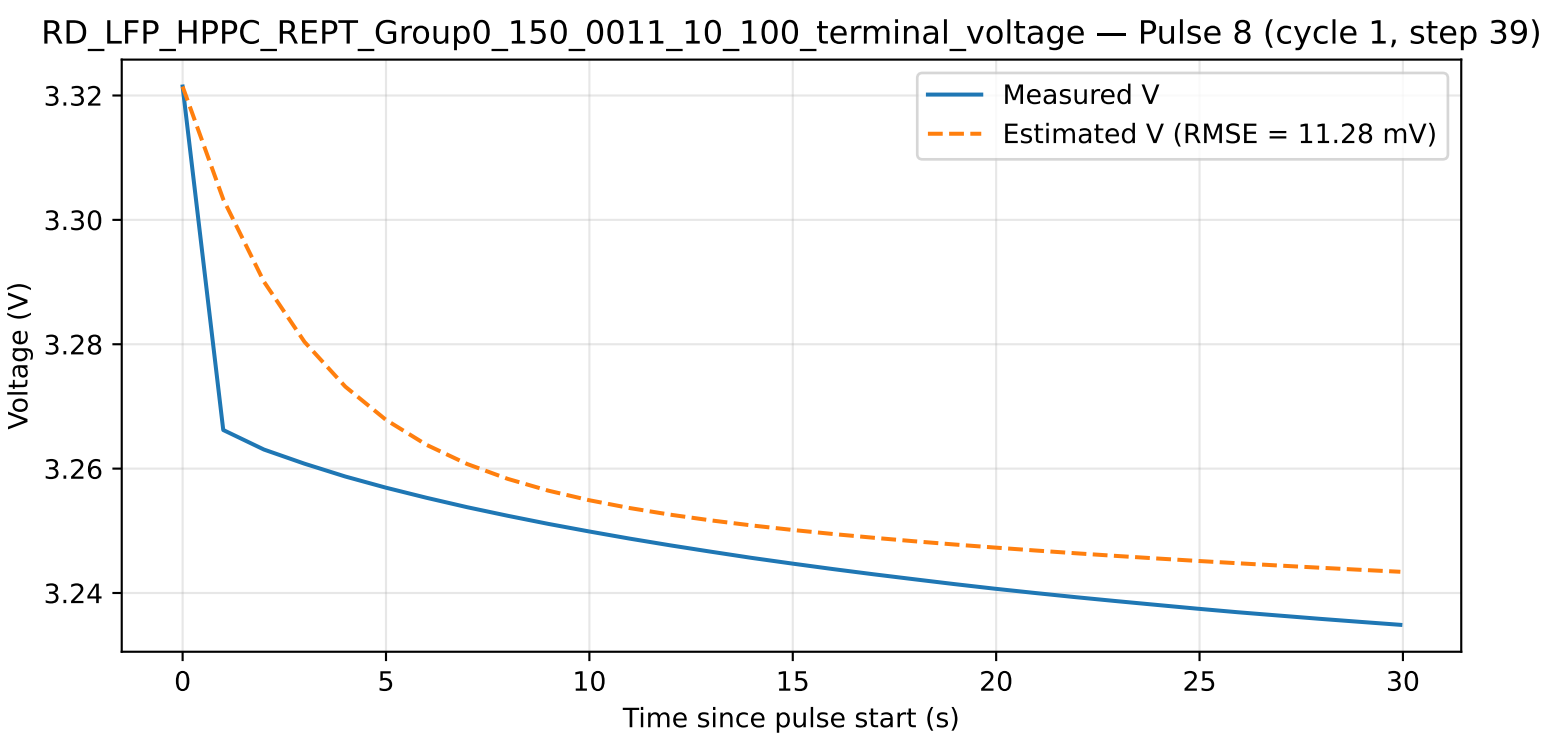

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 8.52 mV)
Voltage (V)
3.32
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

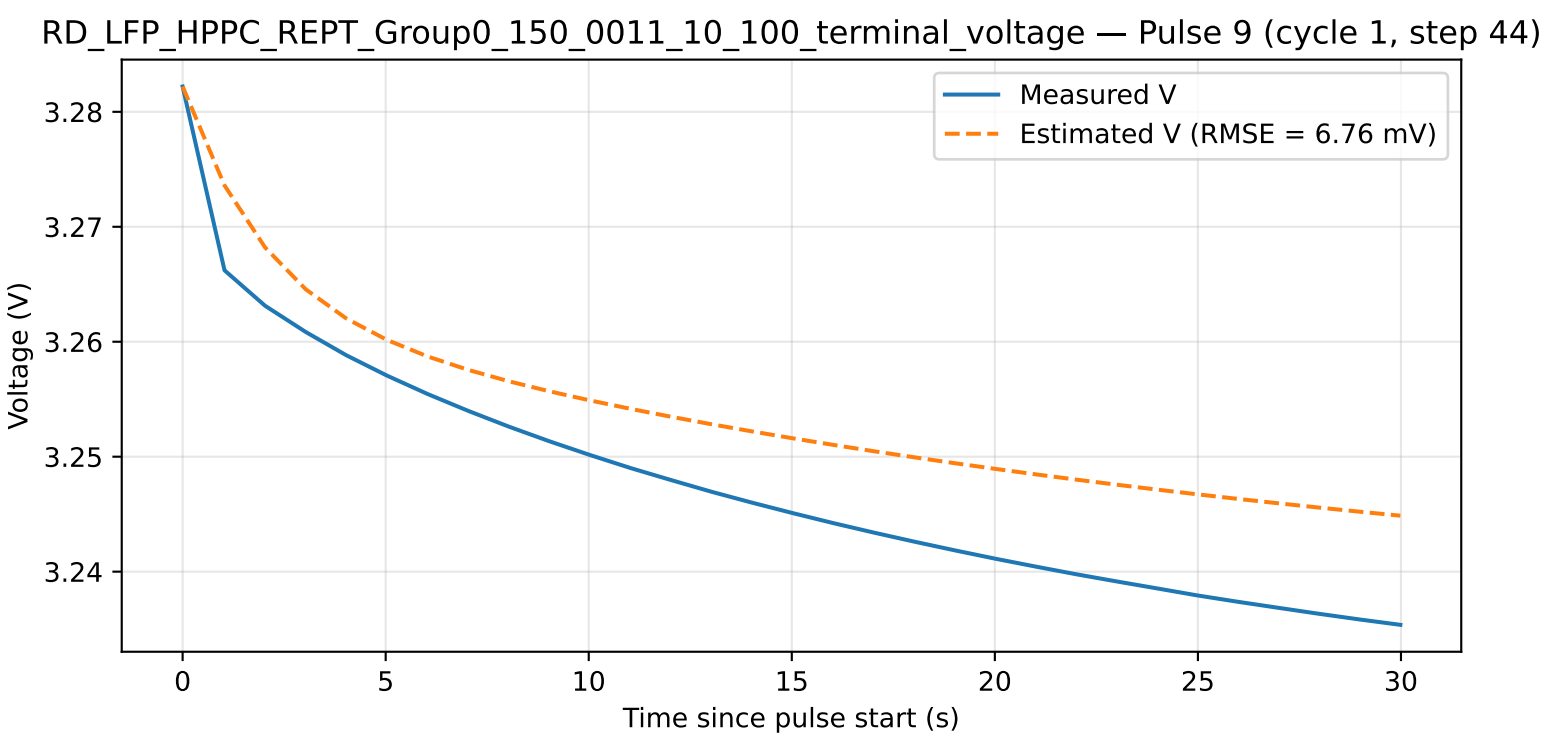

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 10.32 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

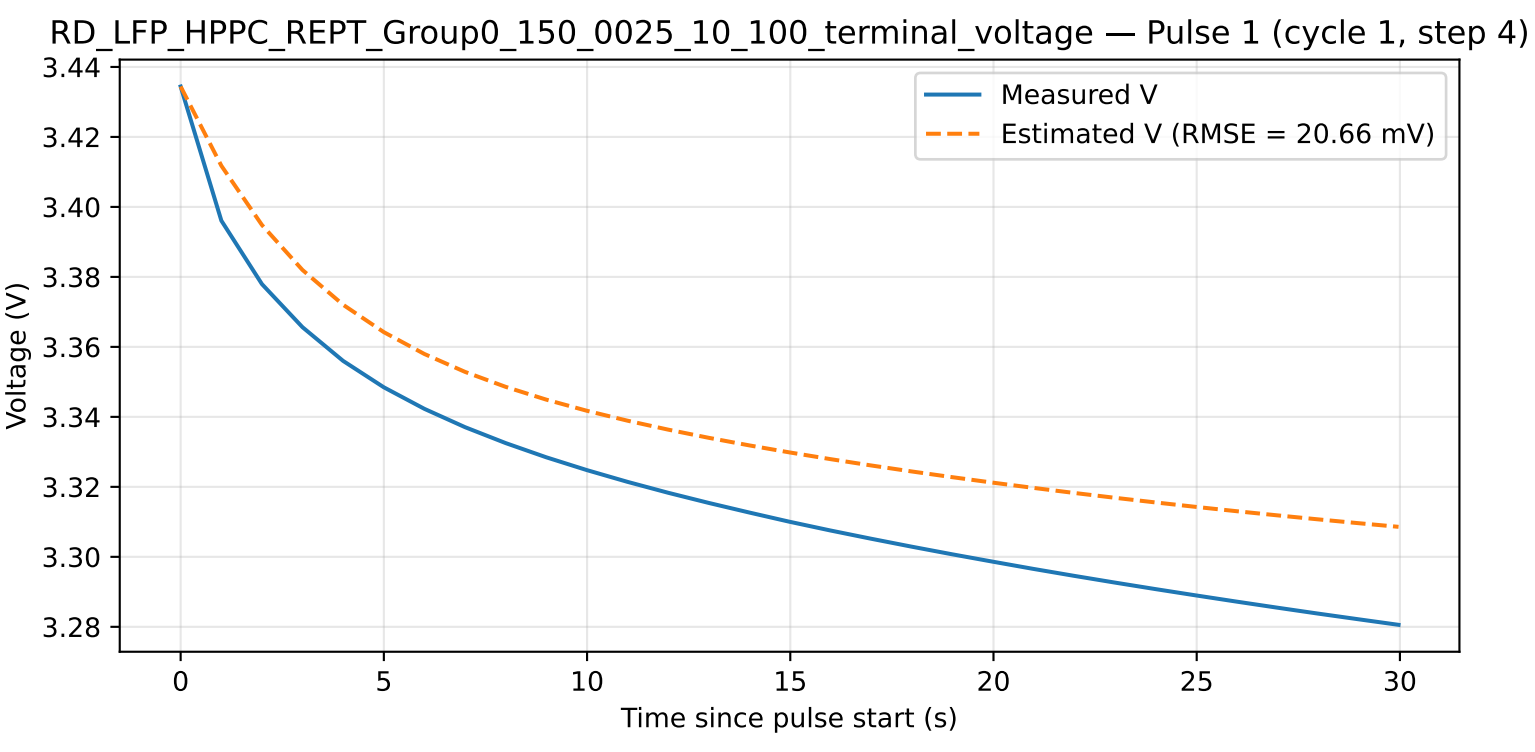

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 6.20 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

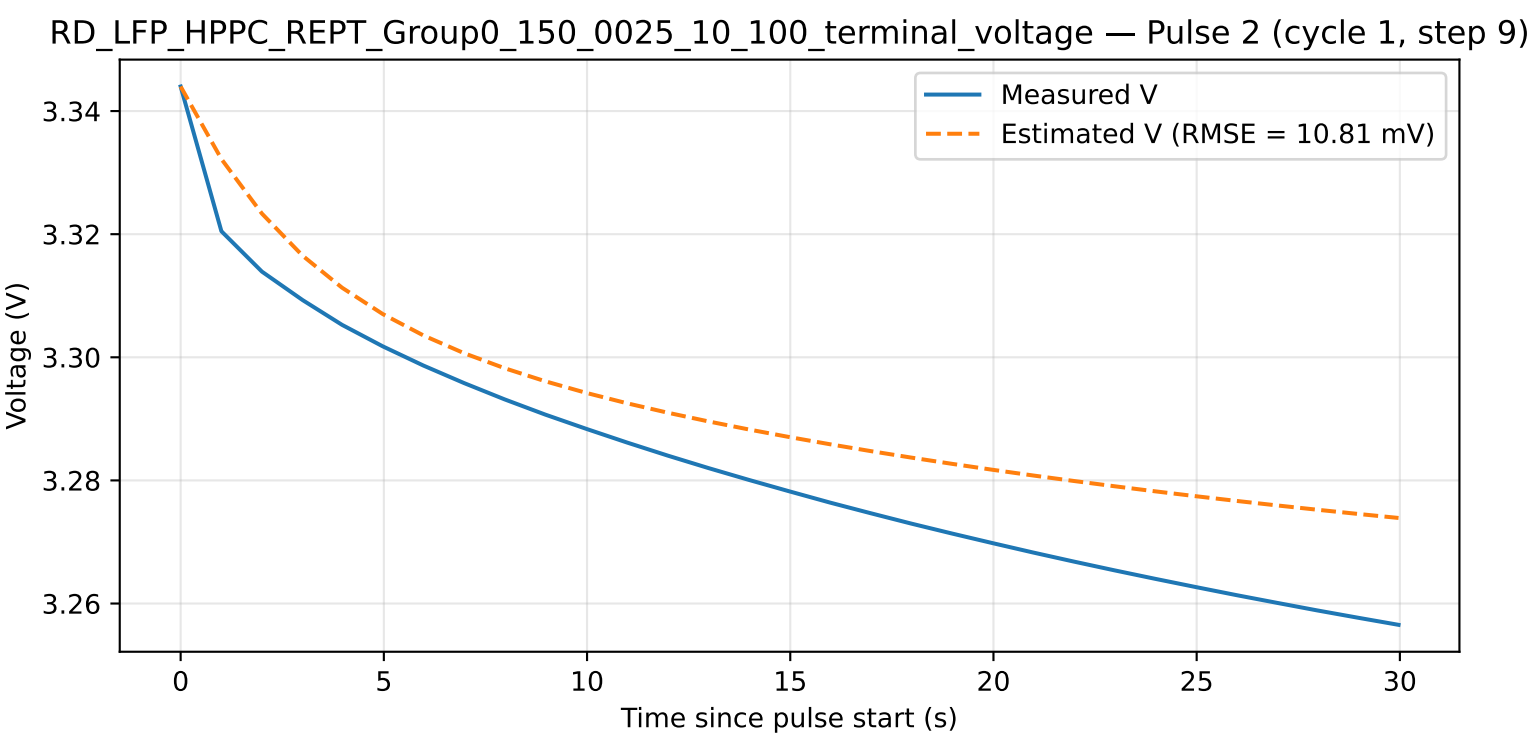

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.05 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

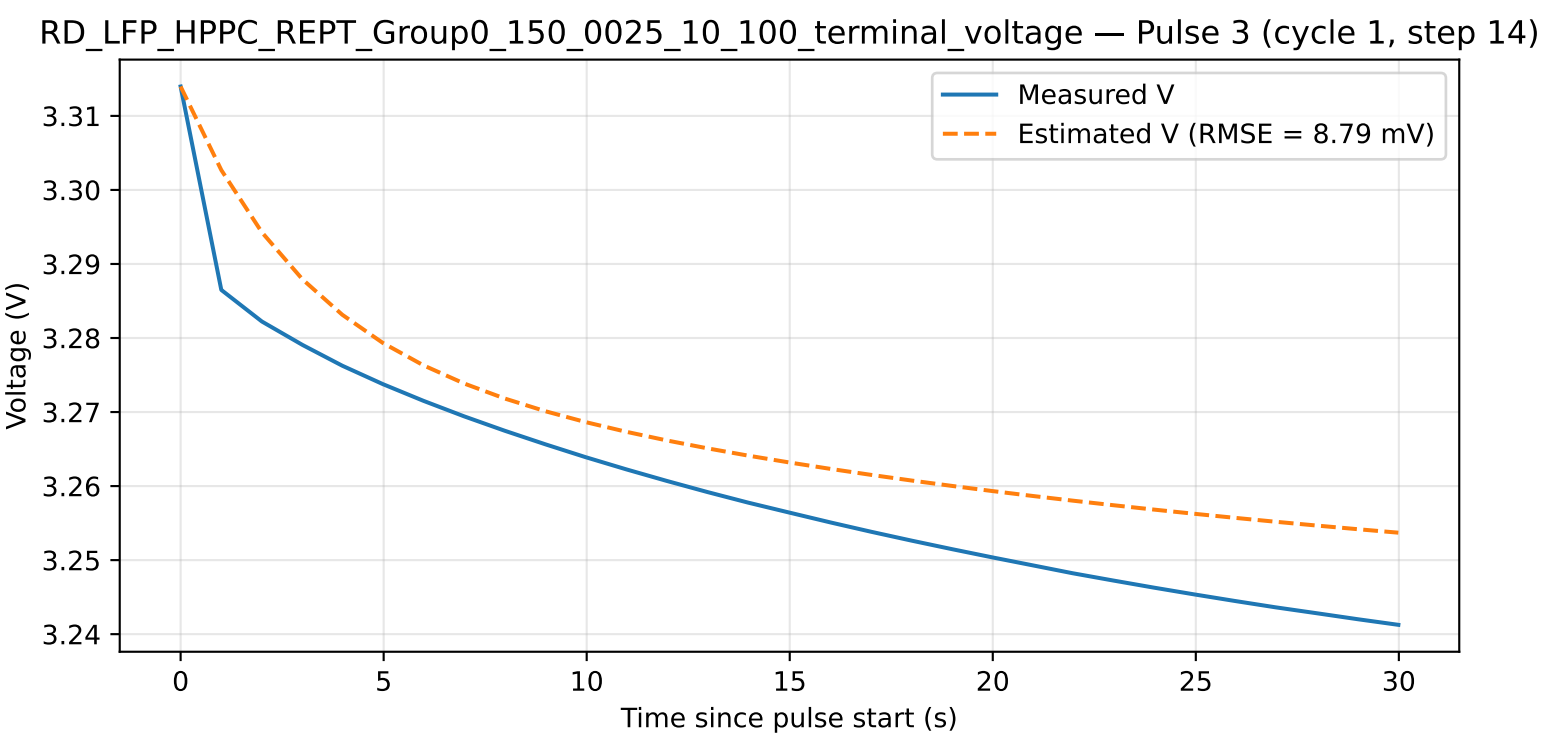

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.35 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

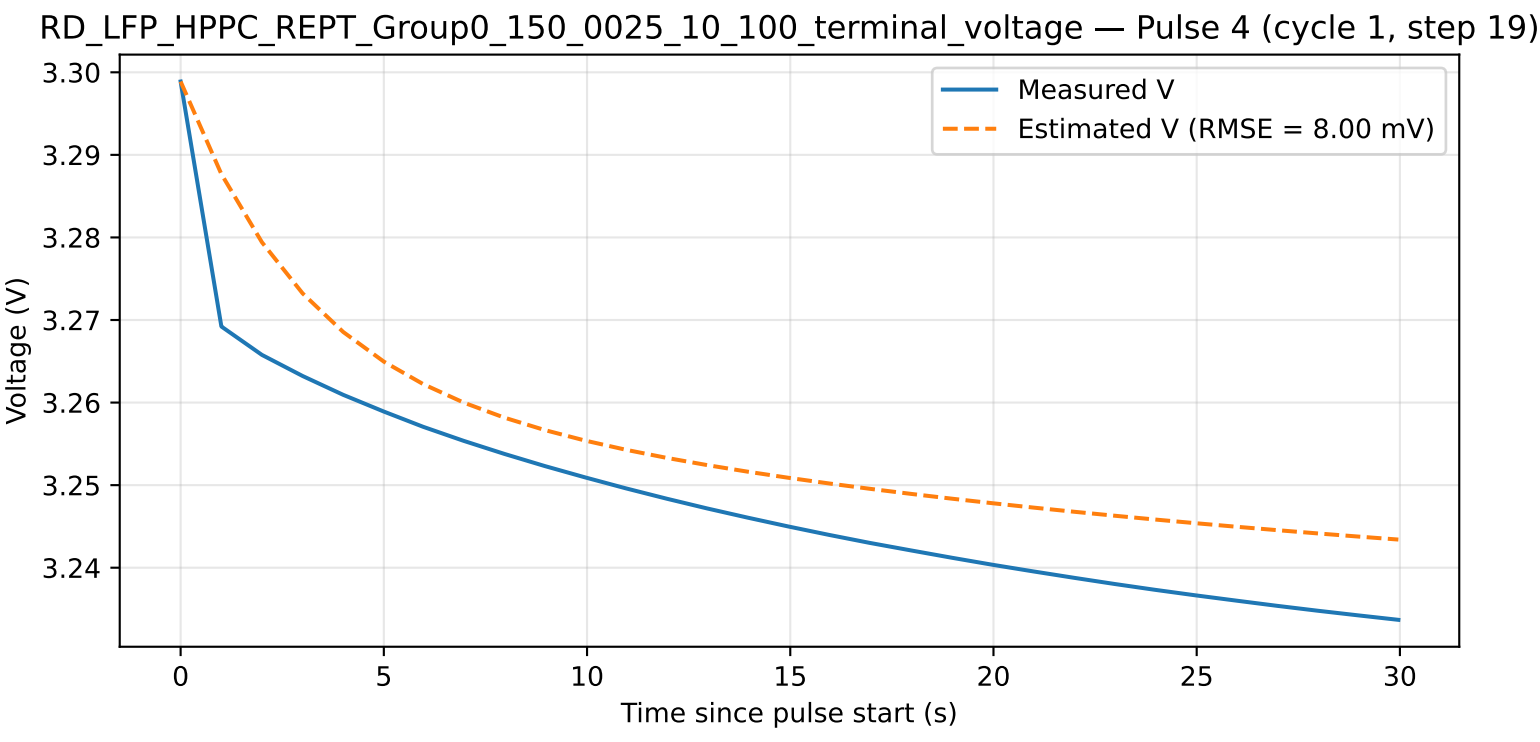

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 11.28 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

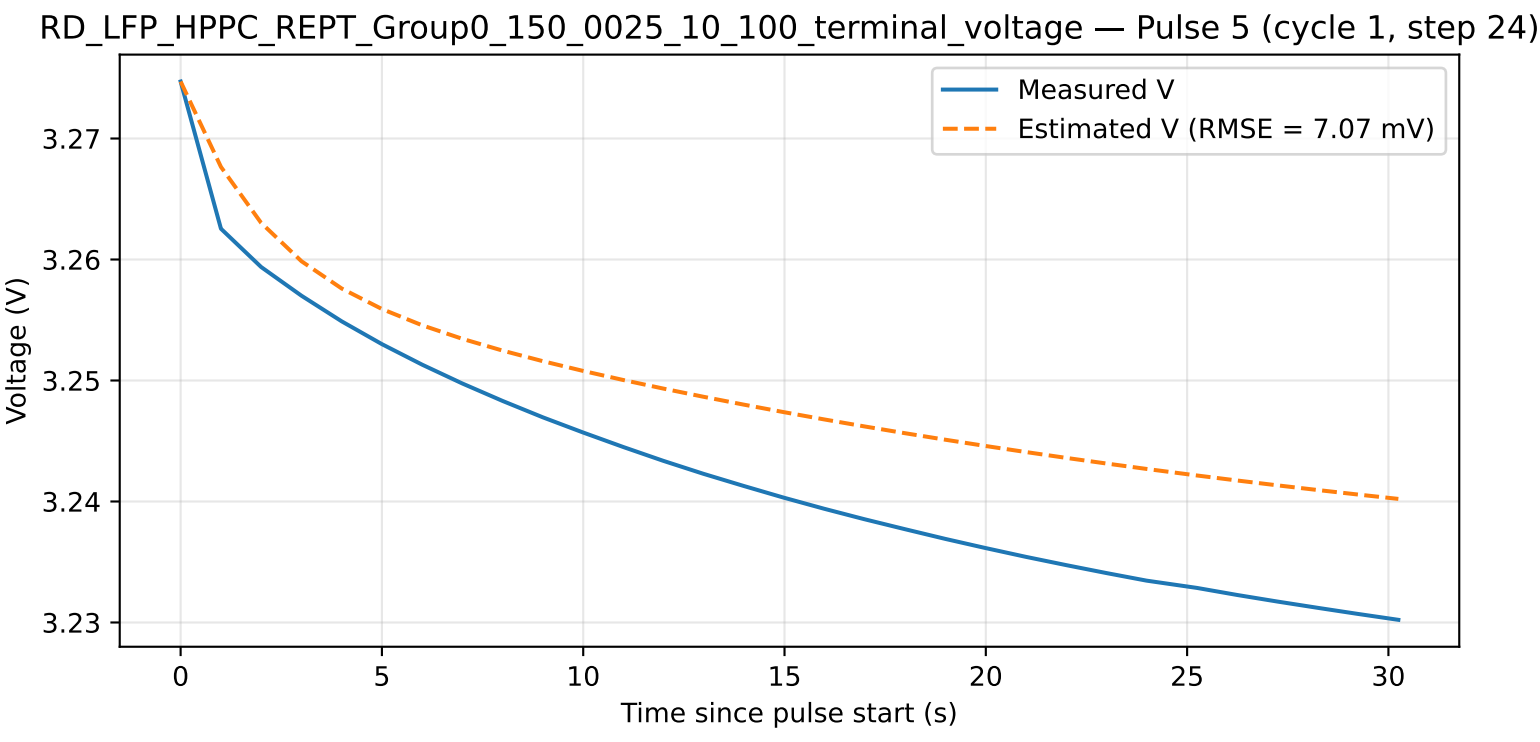

RD_LFP_HPPC_REPT_Group0_150_0011_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.76 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

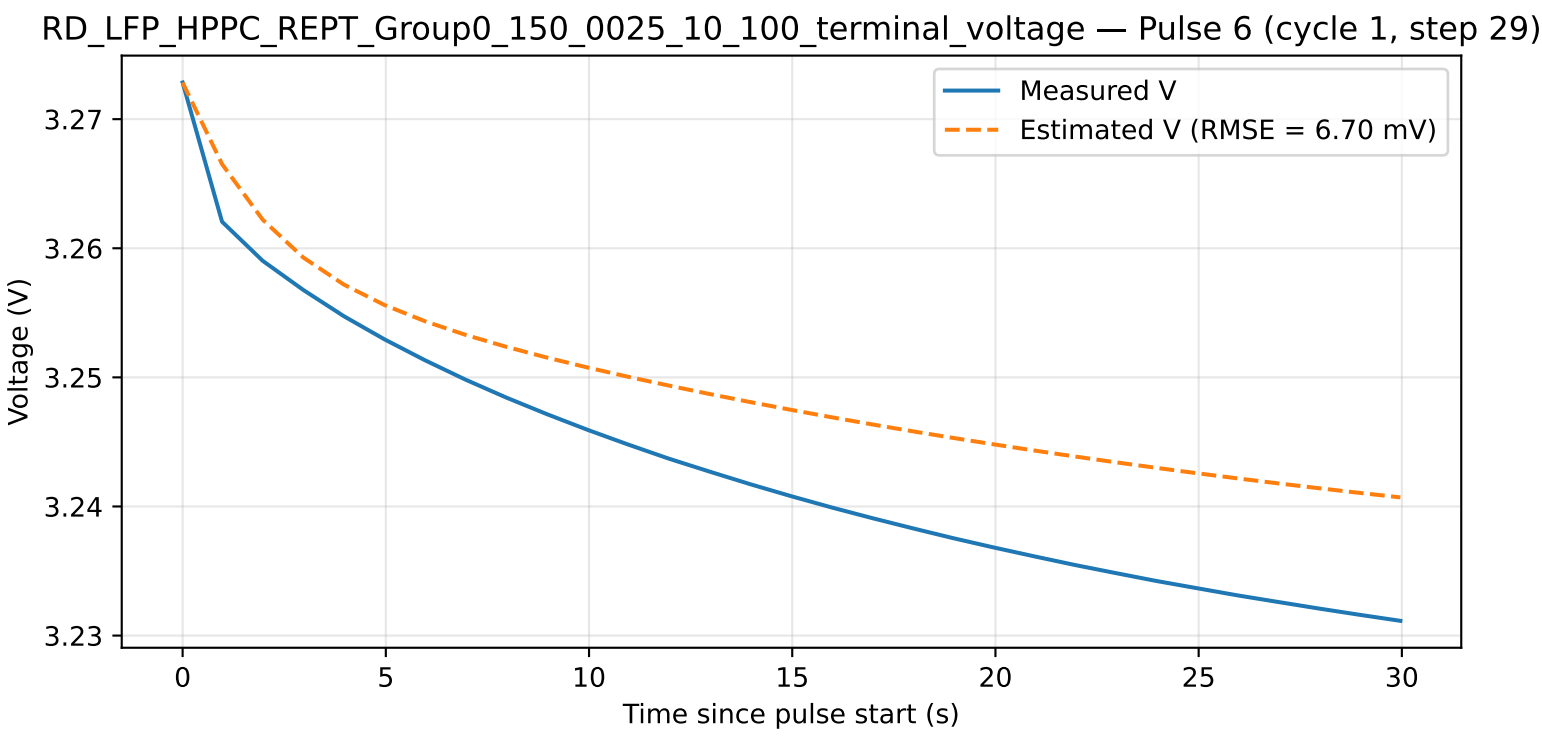

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 20.66 mV)
Voltage (V)
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

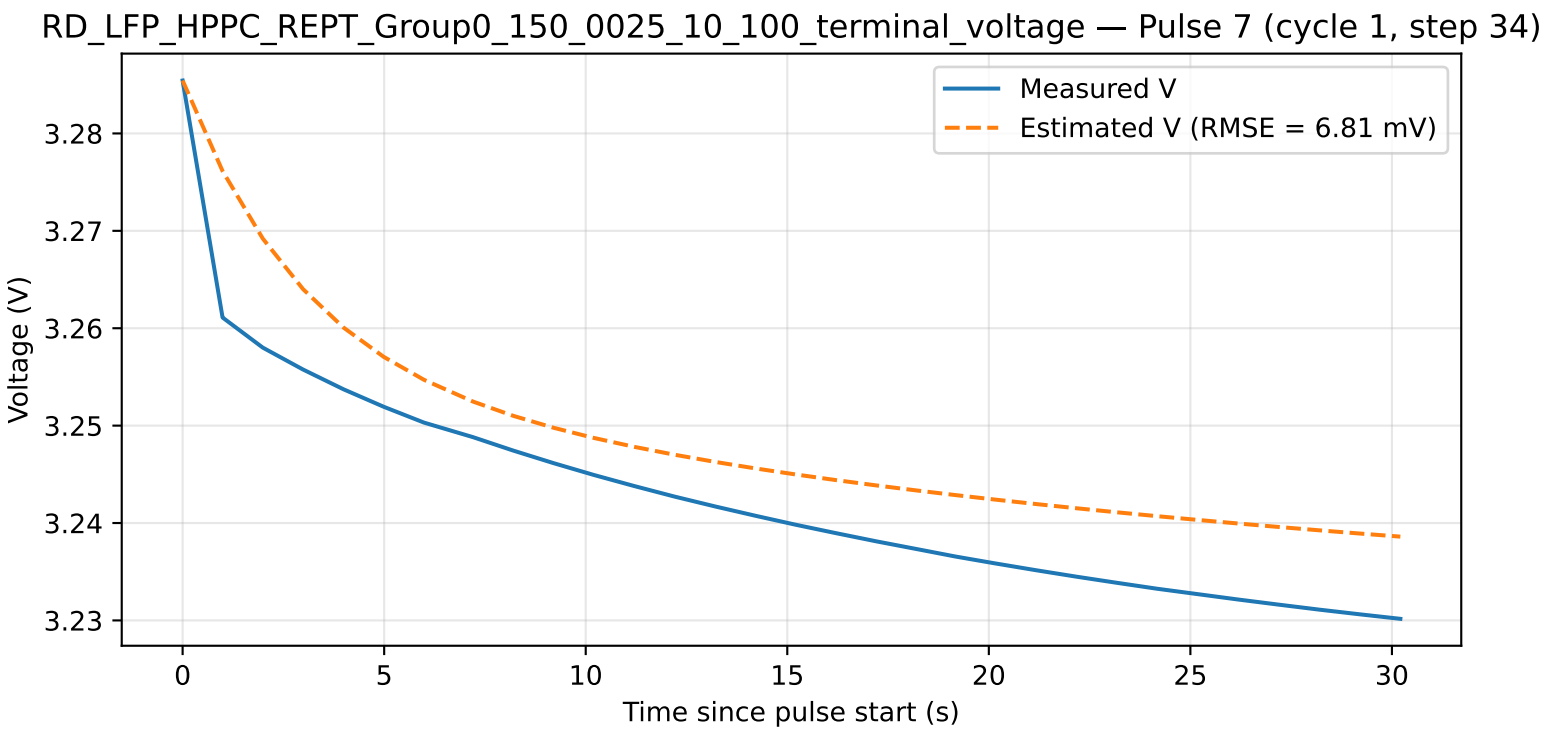

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.81 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

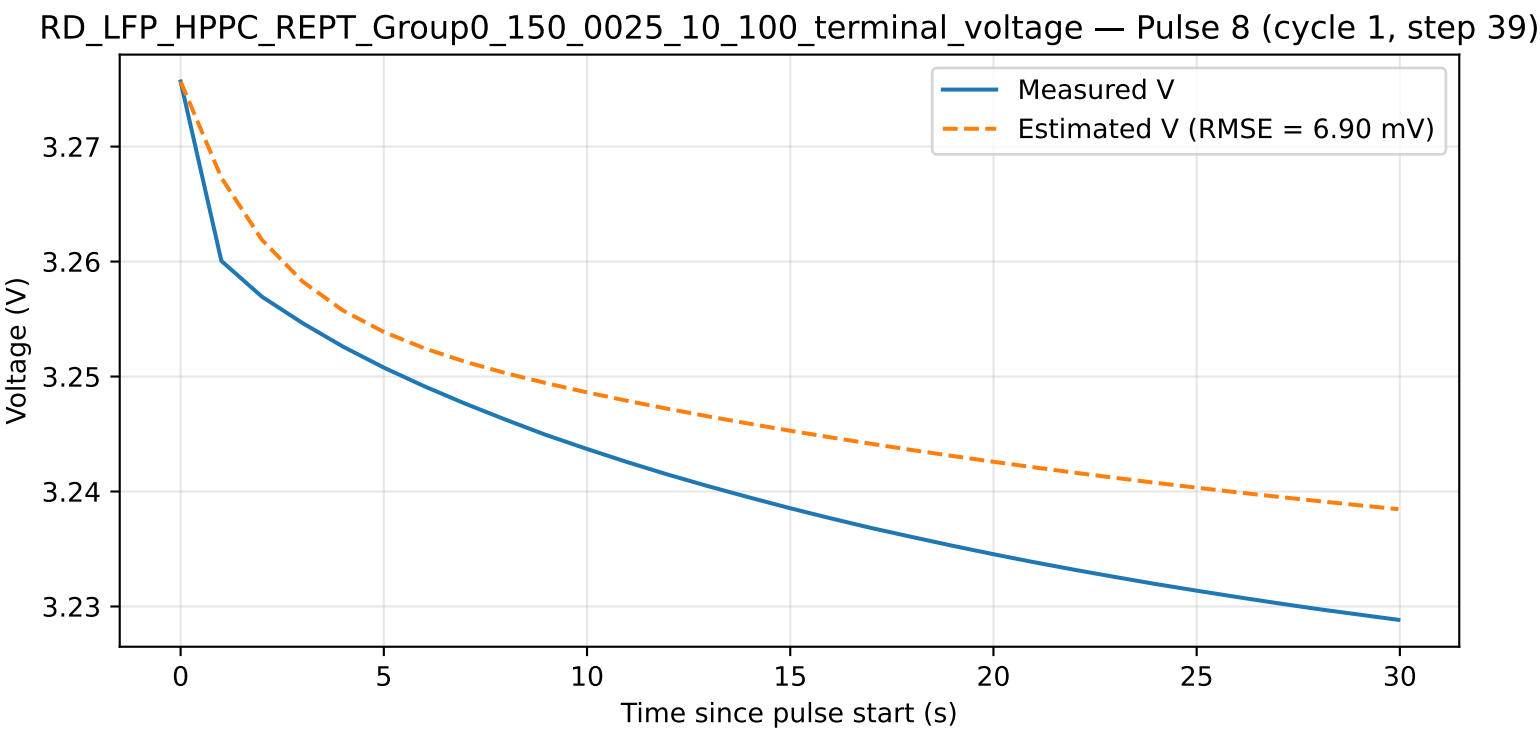

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 8.79 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

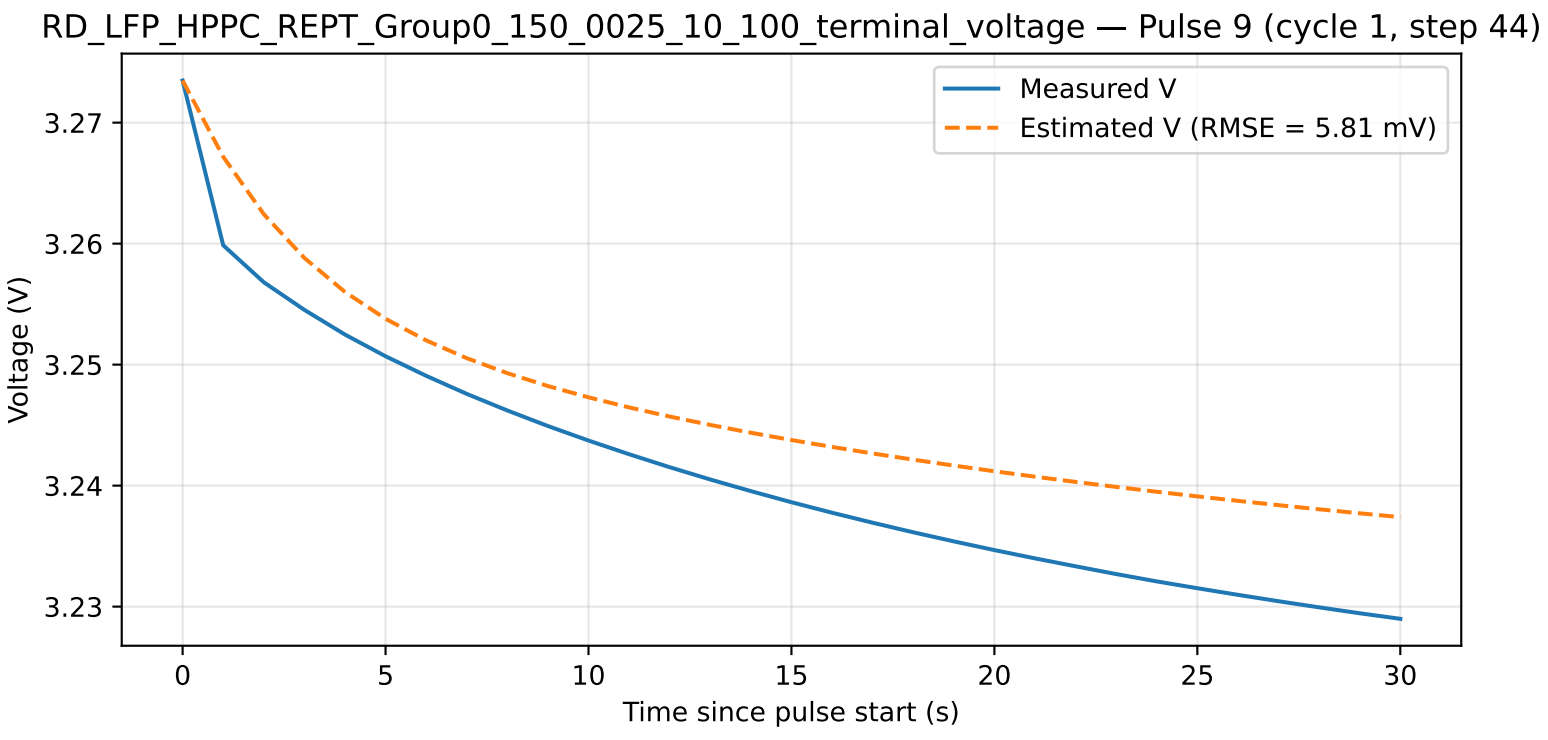

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.00 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

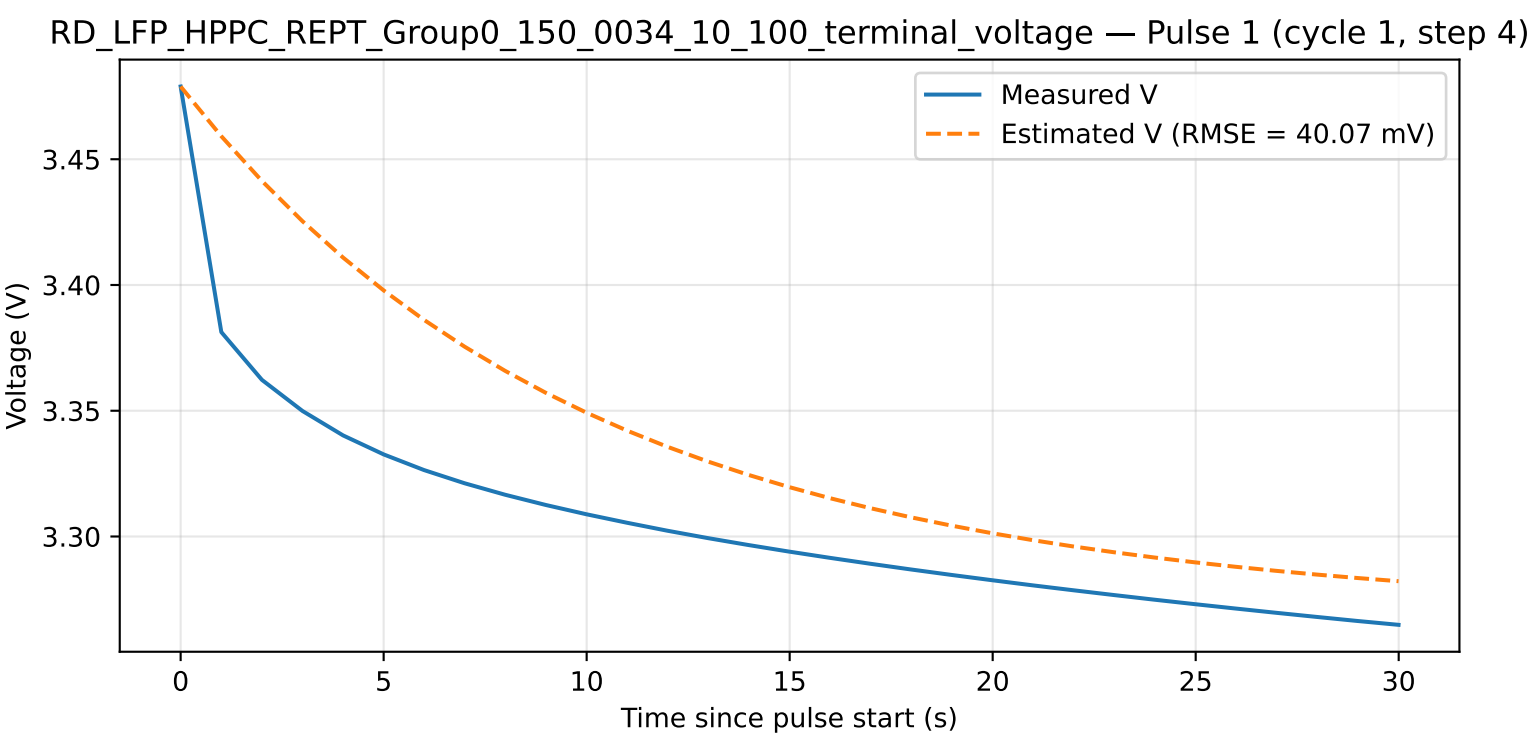

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 7.07 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

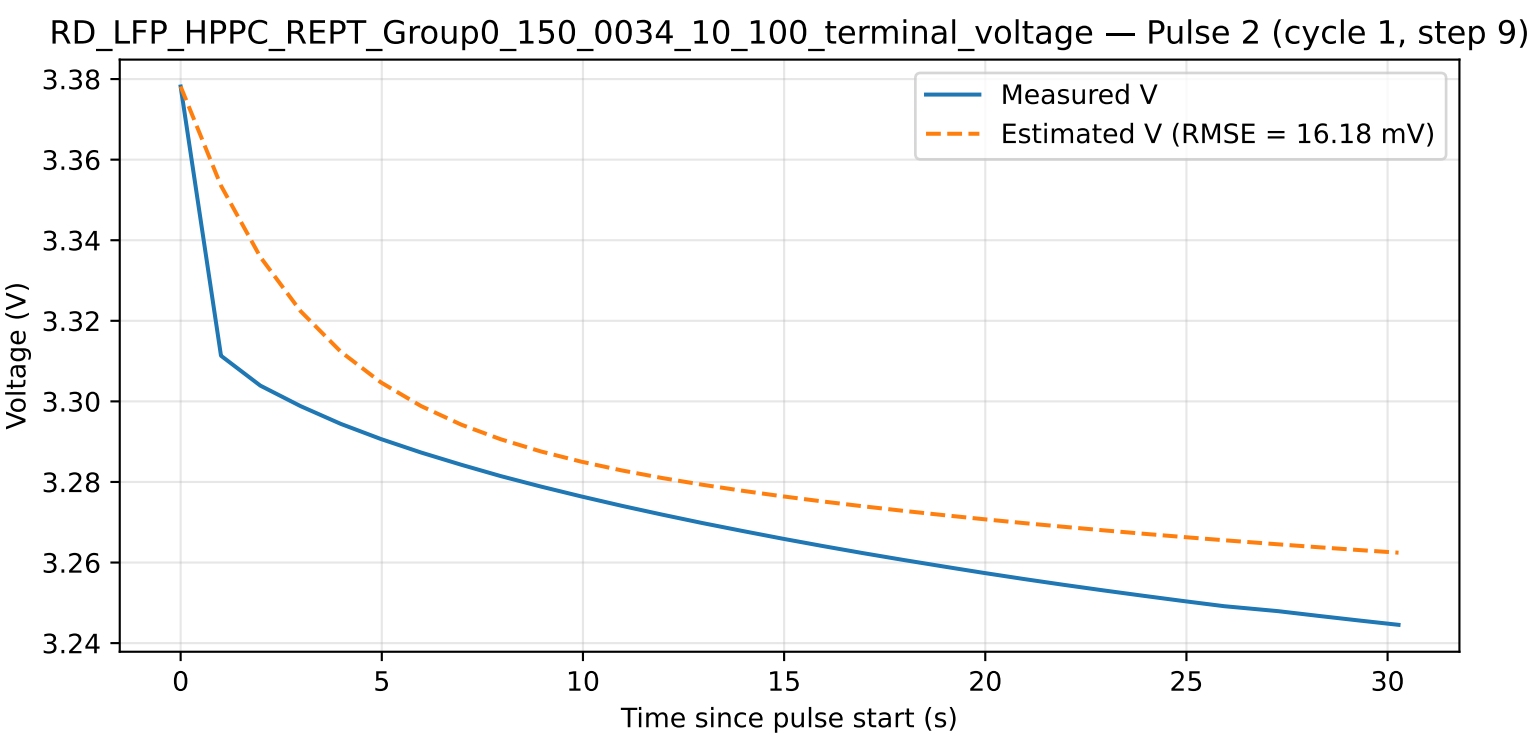

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.70 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

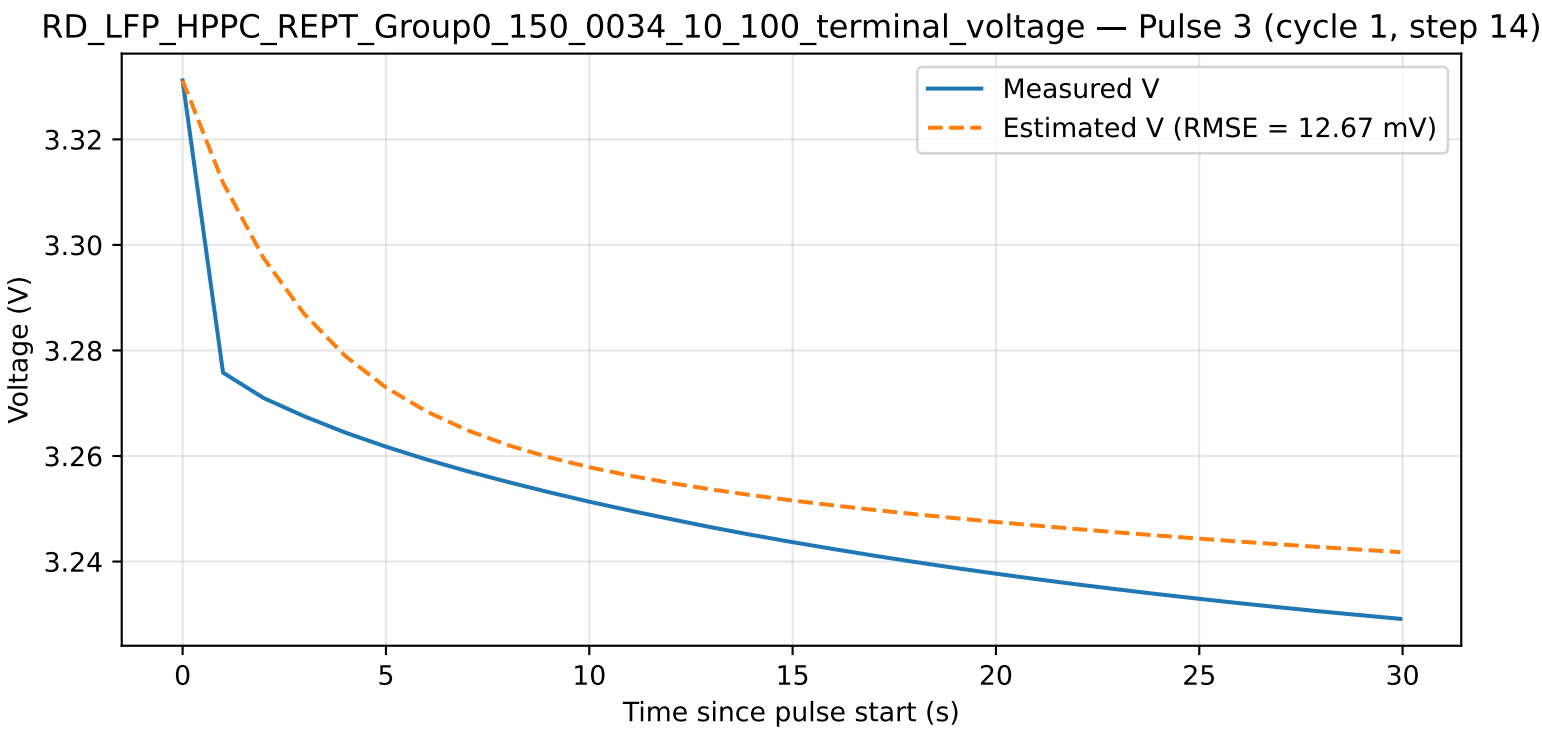

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.81 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

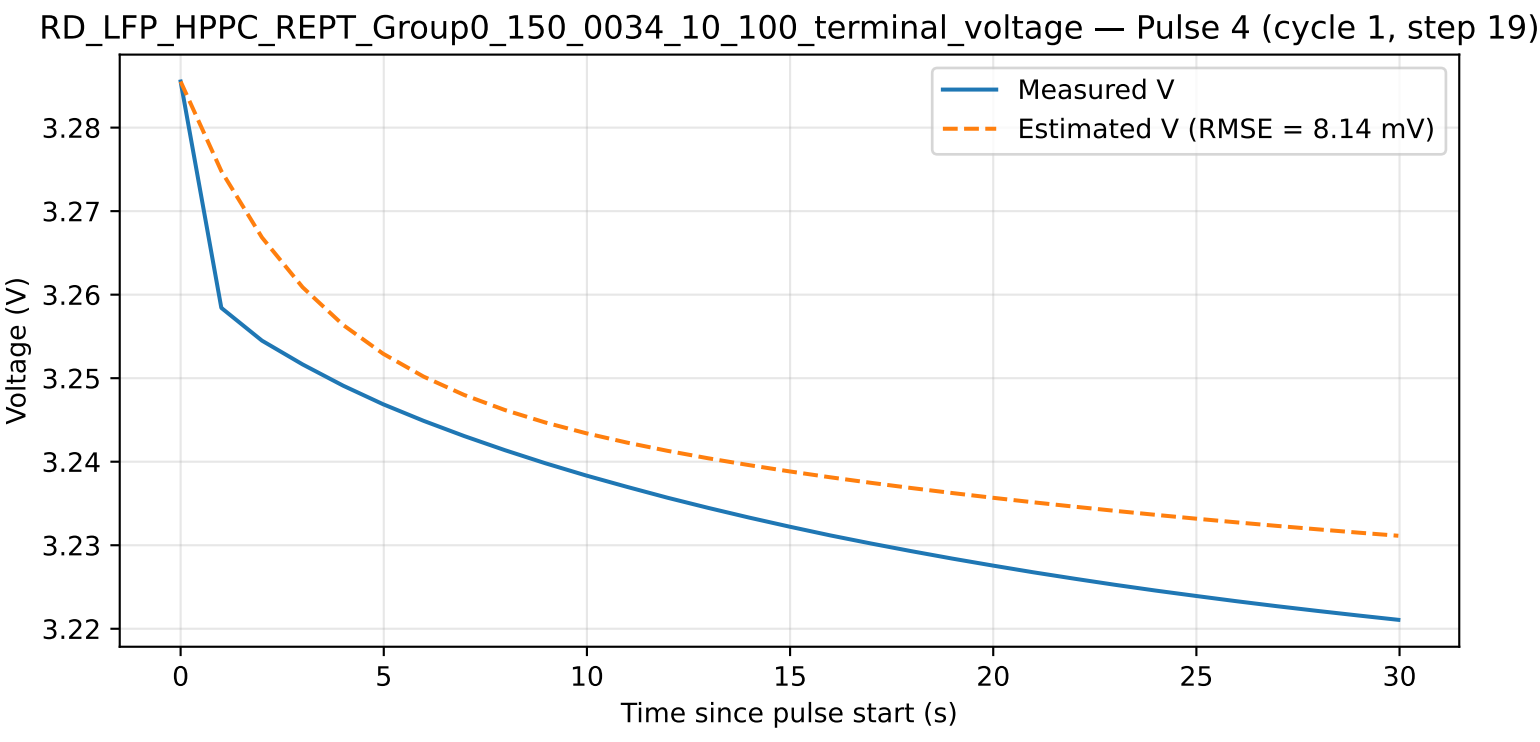

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.90 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

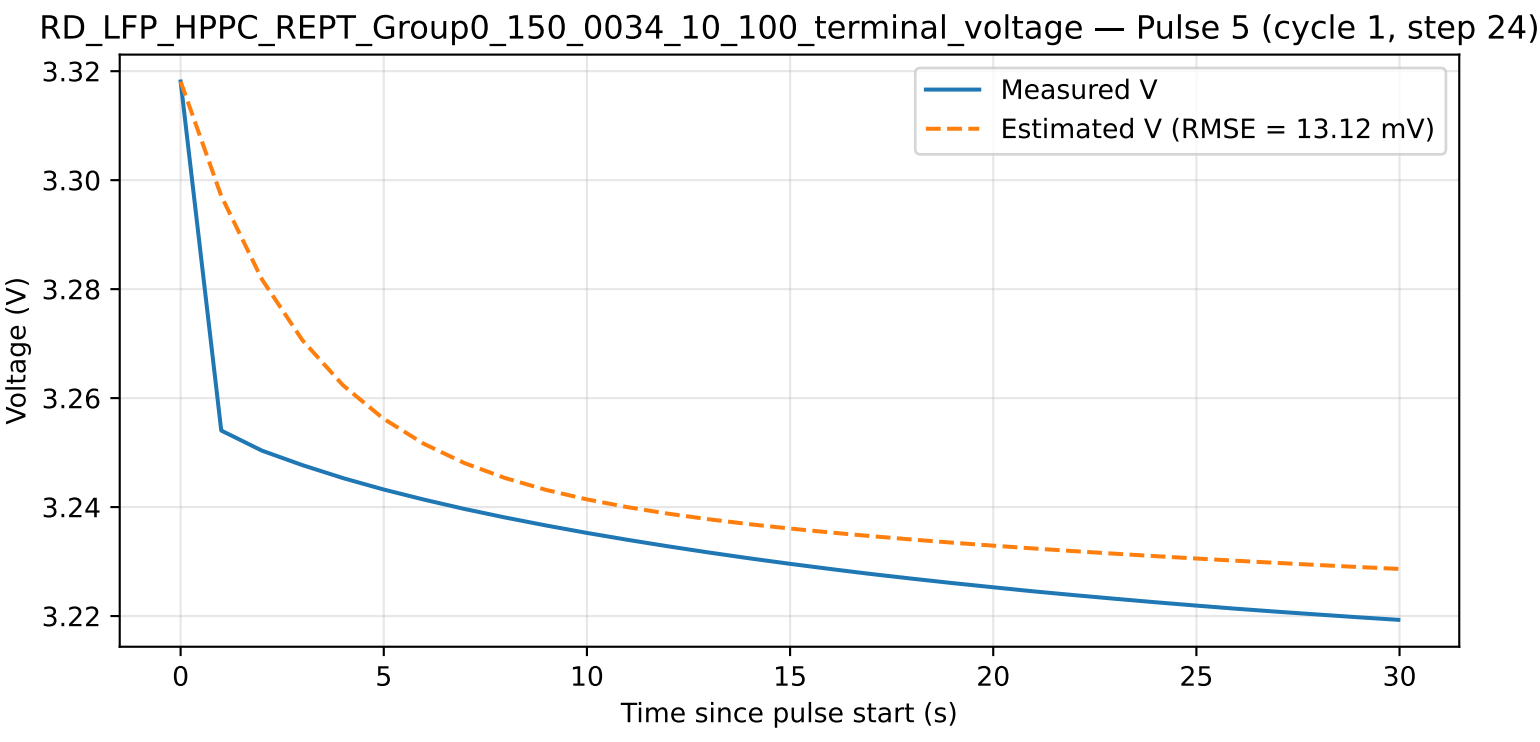

RD_LFP_HPPC_REPT_Group0_150_0025_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 5.81 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

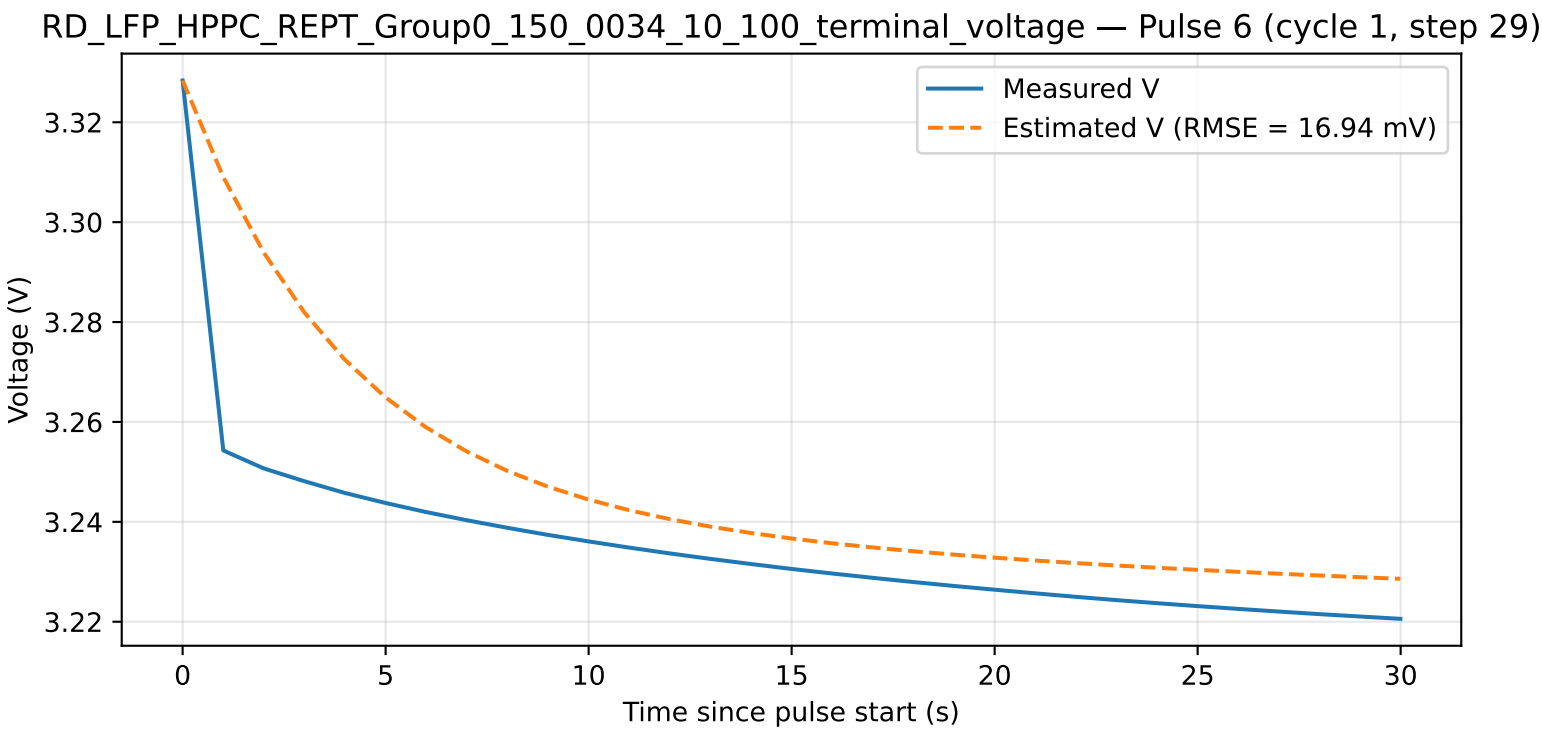

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 40.07 mV)
Voltage (V)
3.45
3.40
3.35
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

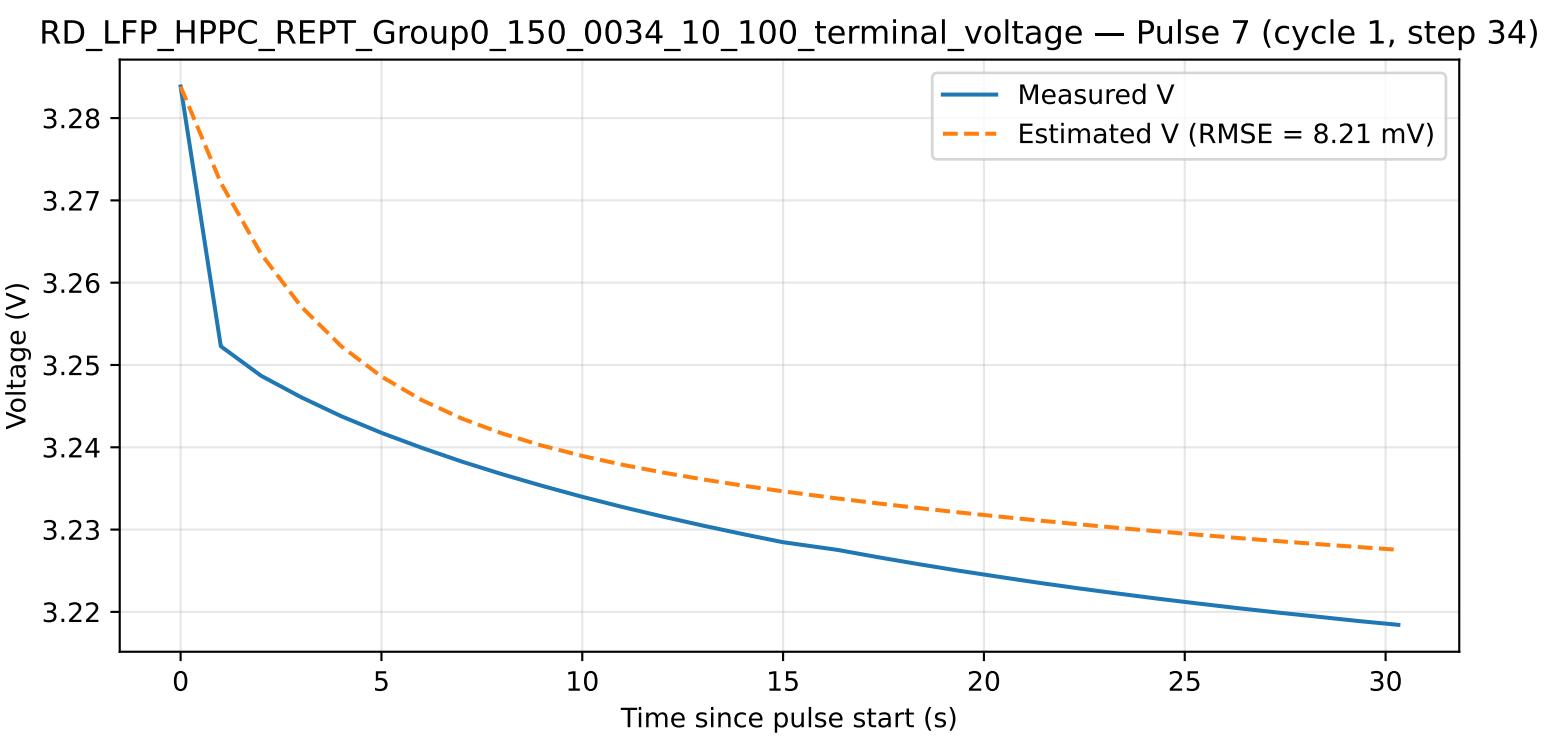

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 16.18 mV)
Voltage (V)
3.38
3.36
3.34
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

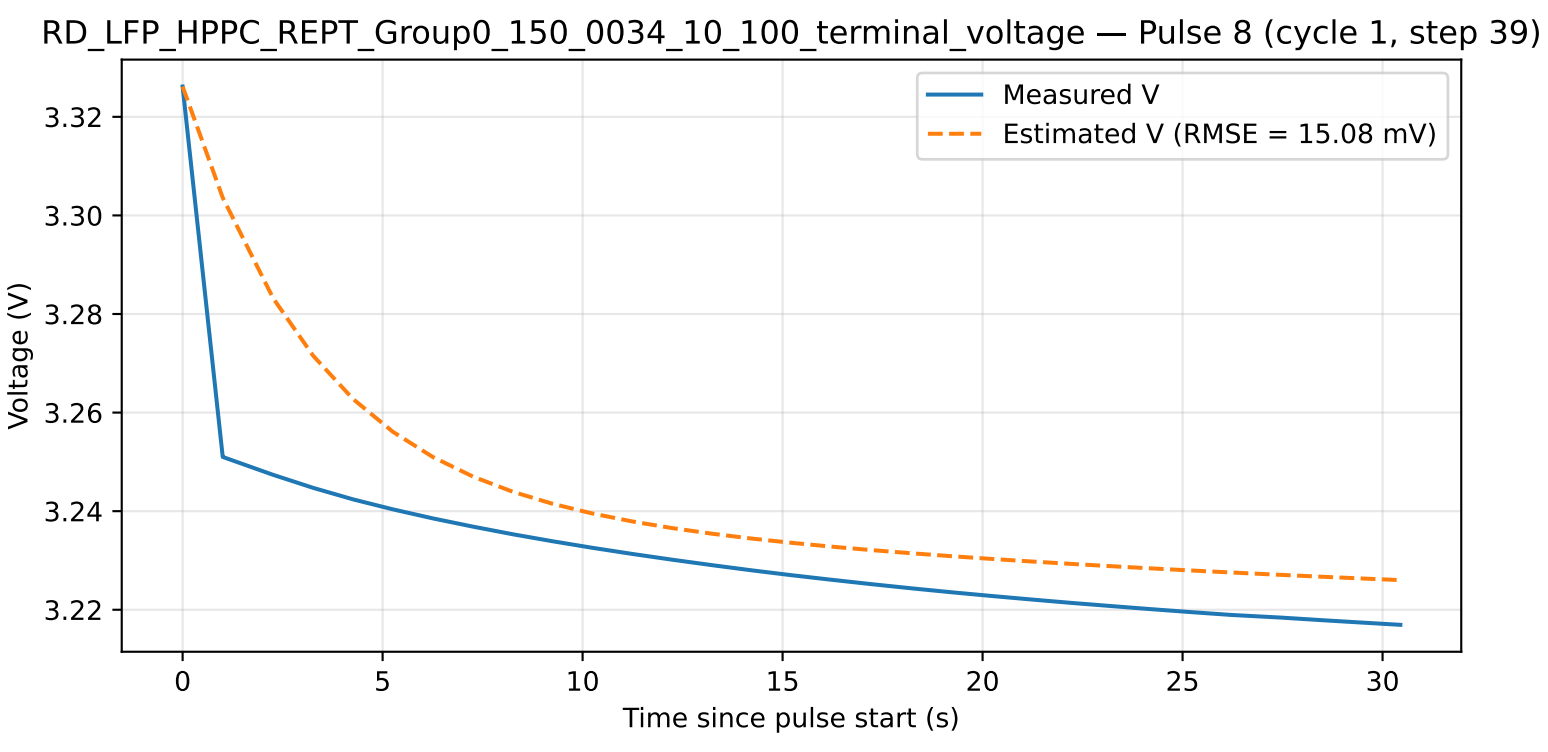

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 12.67 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

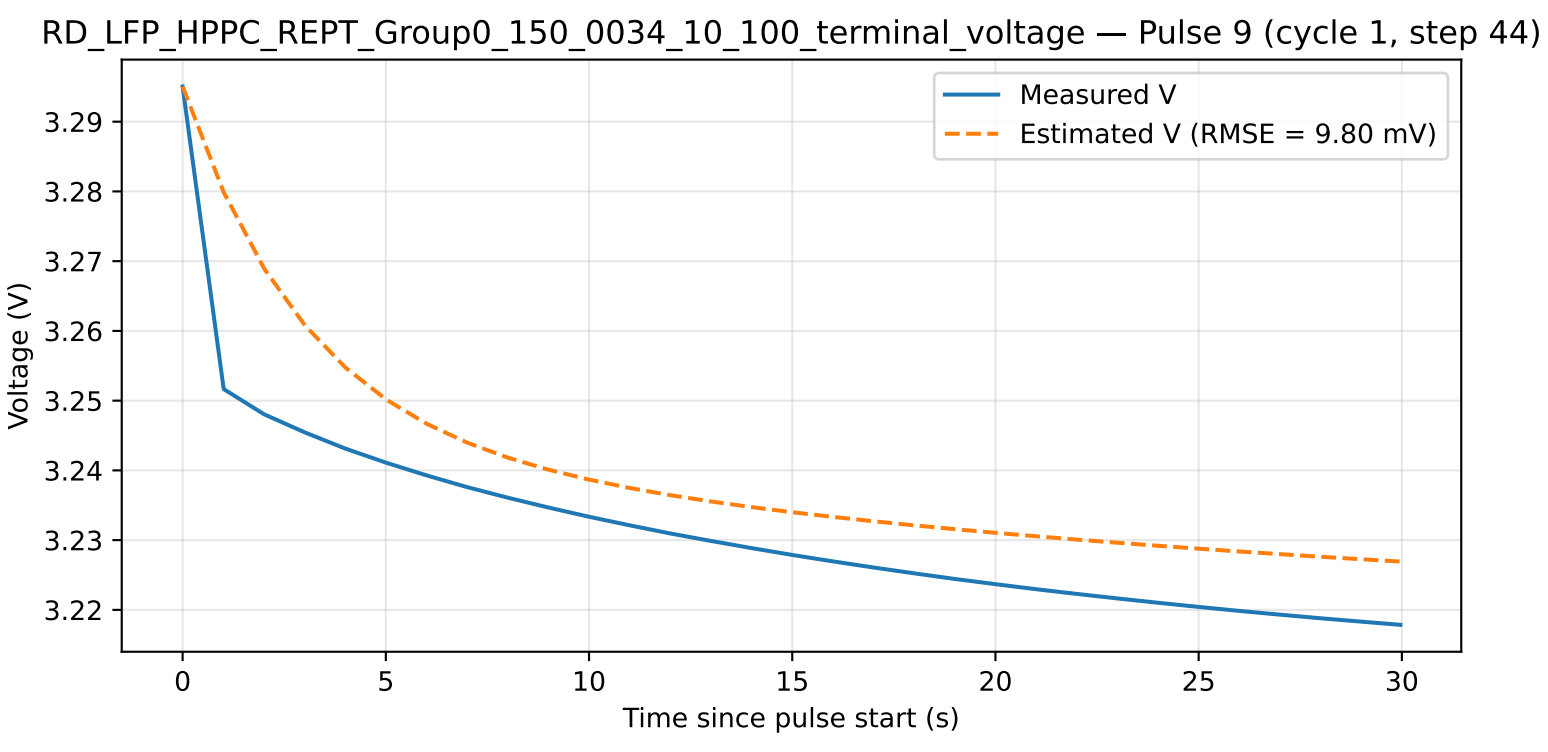

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.14 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

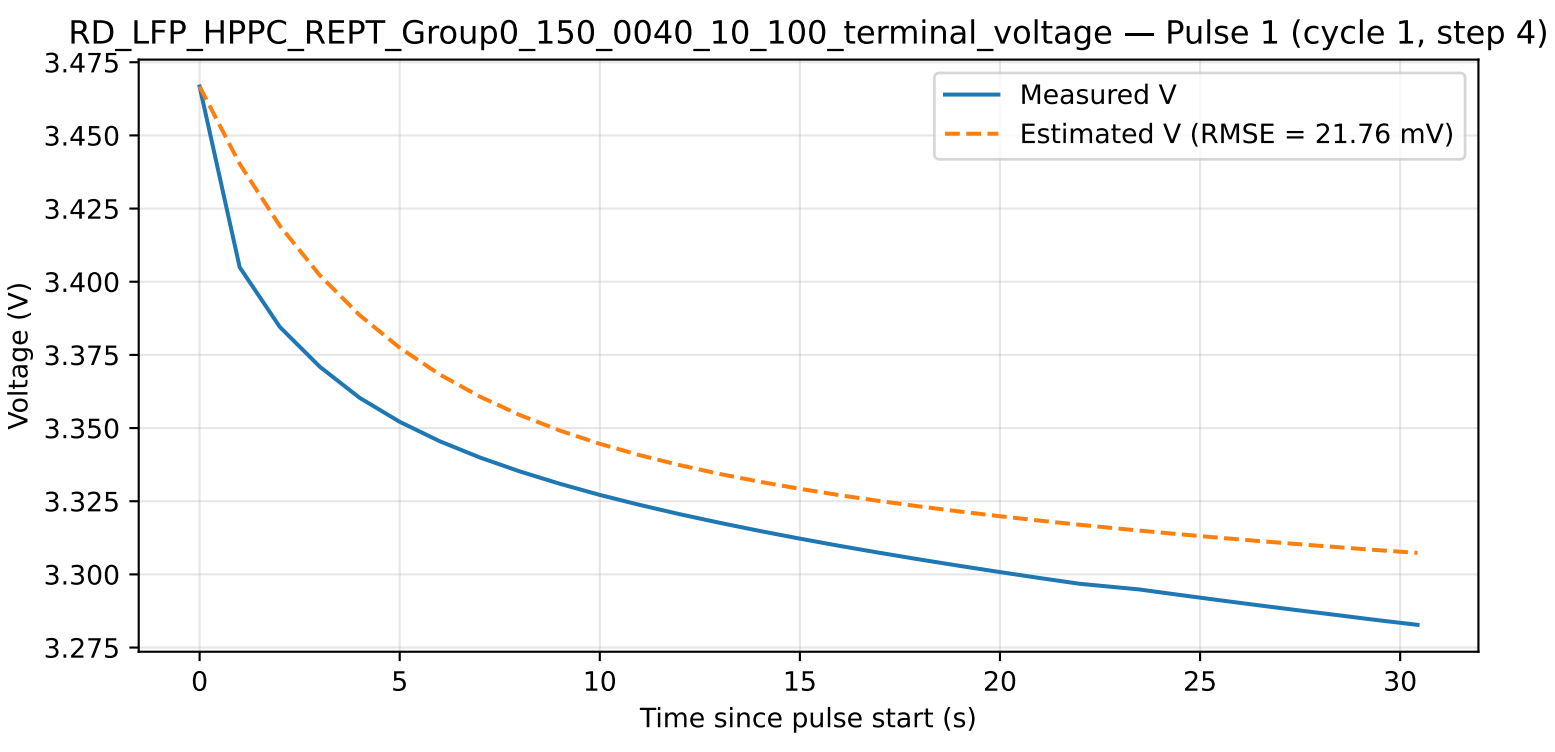

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 13.12 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

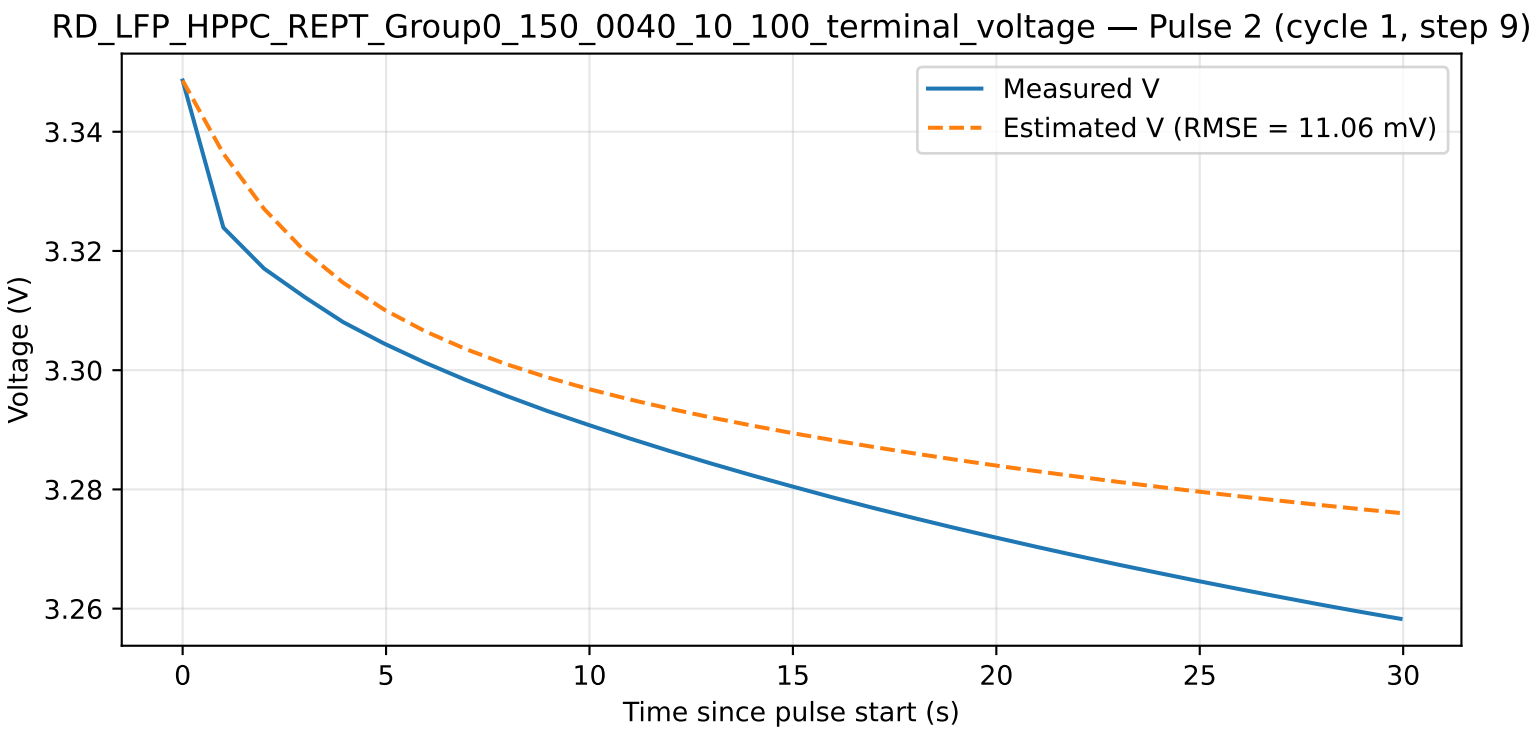

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 16.94 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

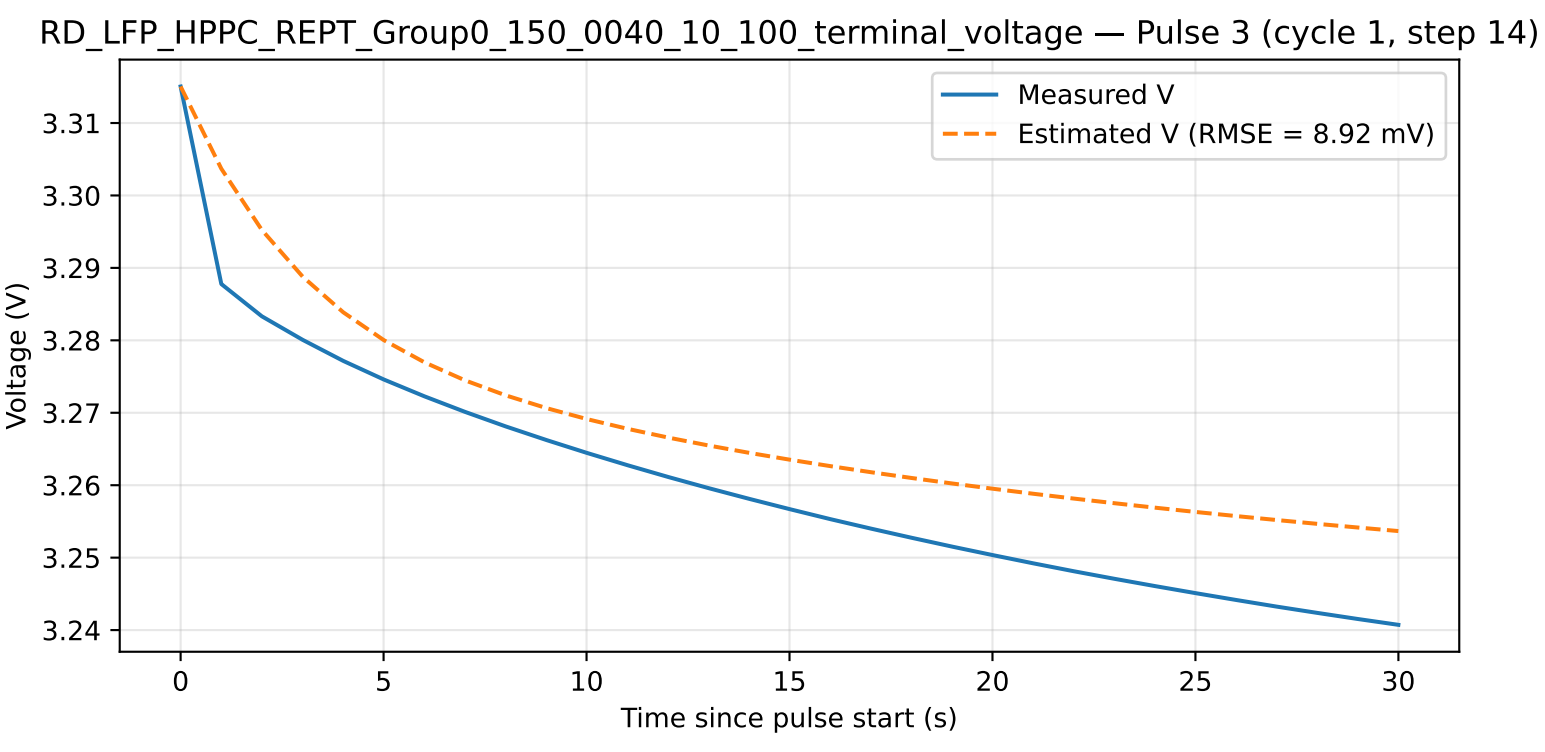

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 8.21 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

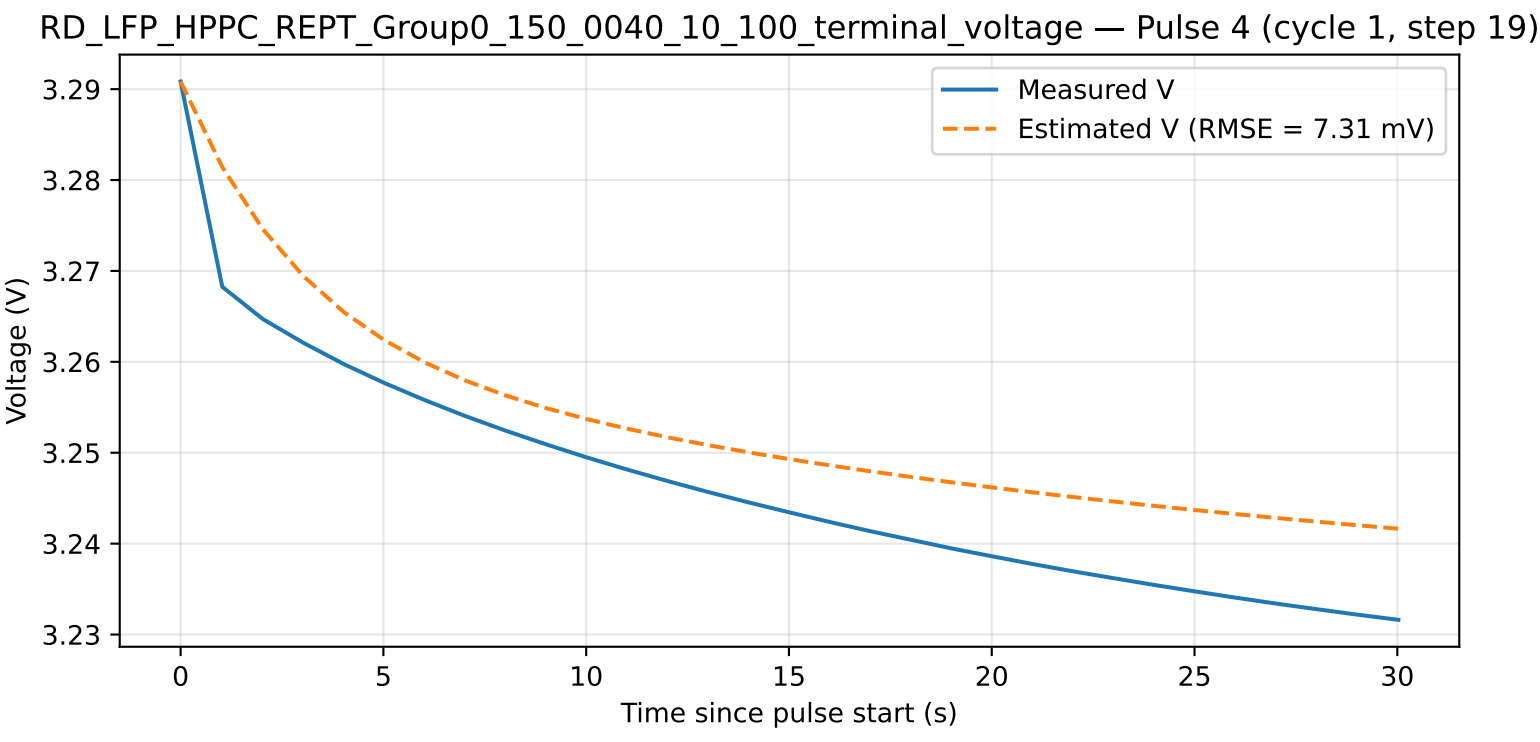

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 15.08 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

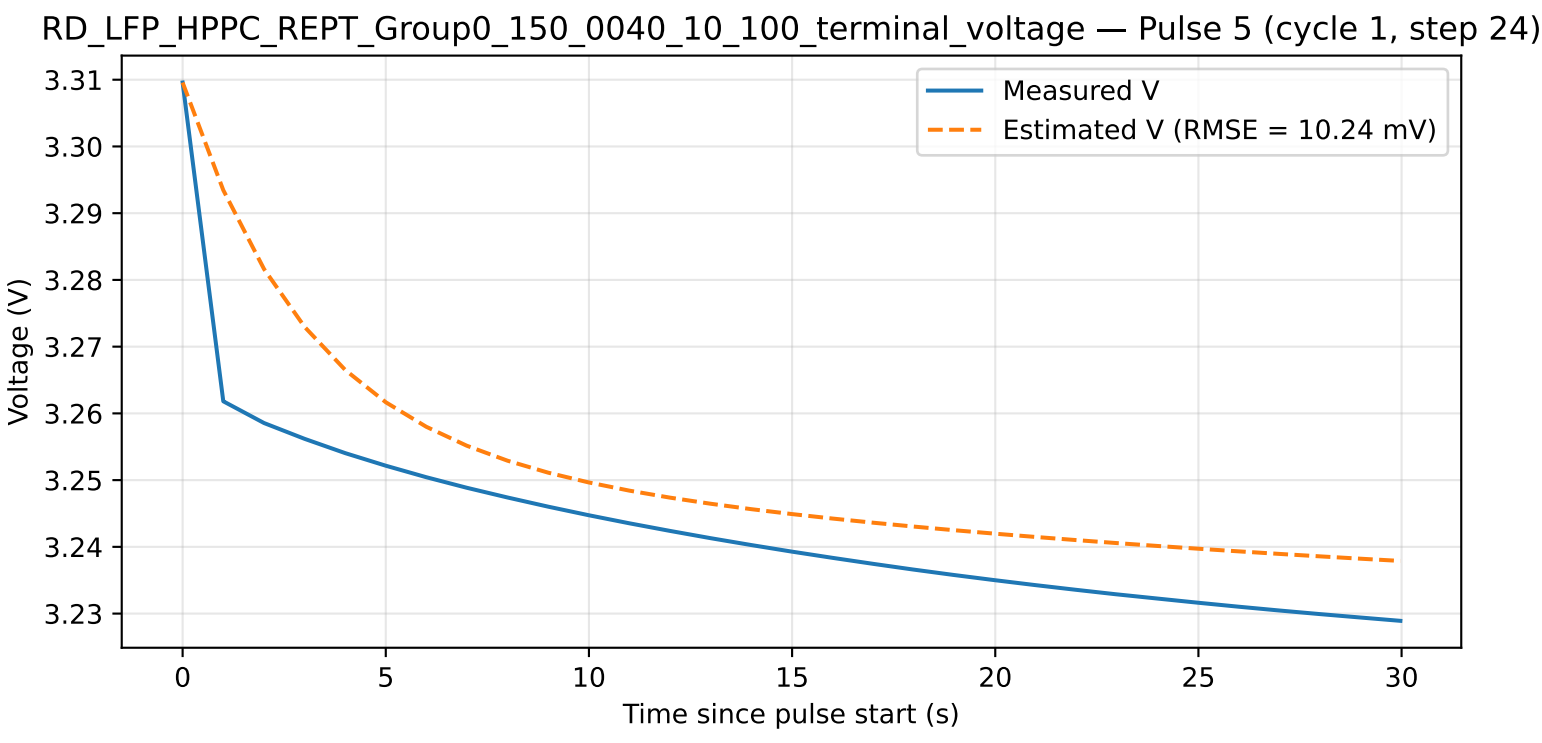

RD_LFP_HPPC_REPT_Group0_150_0034_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 9.80 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

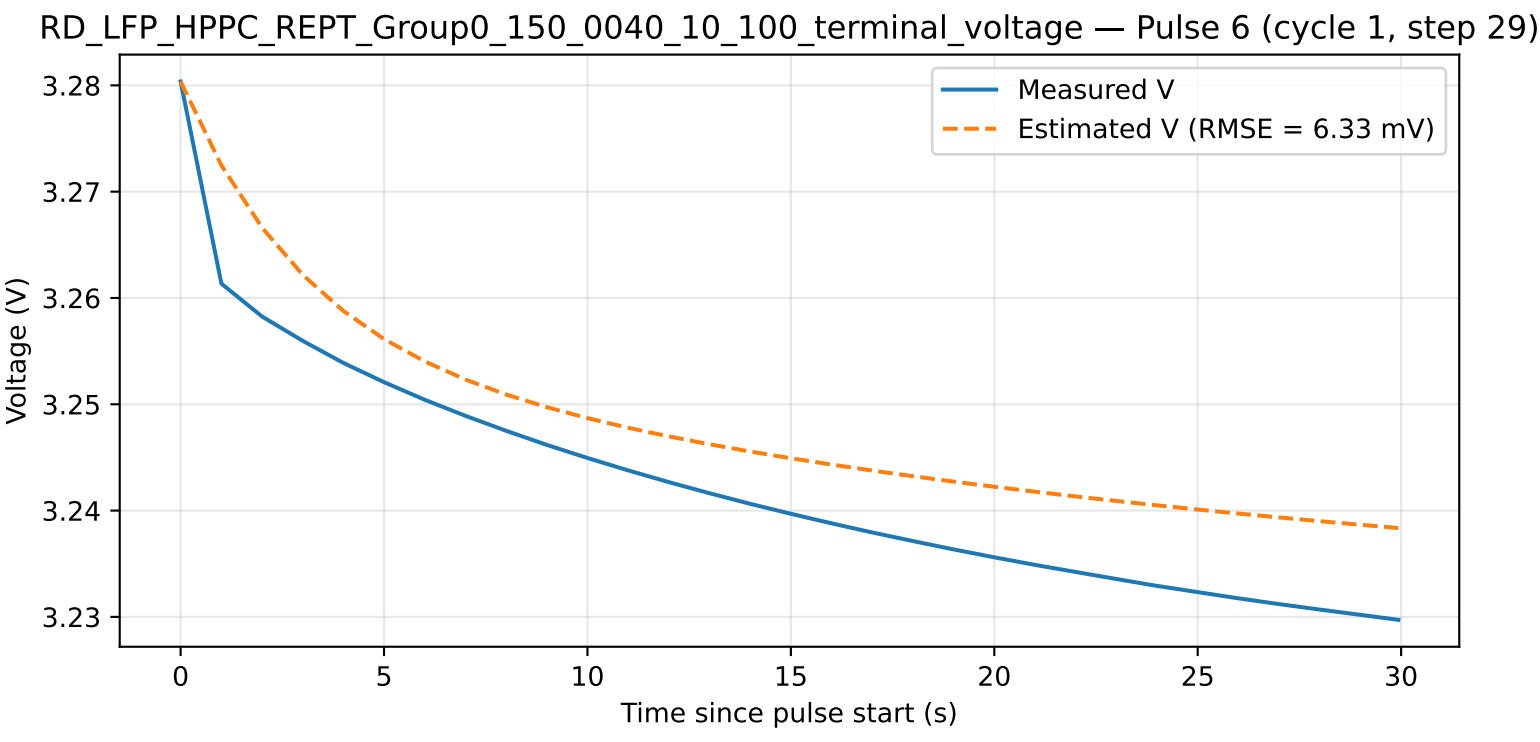

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 21.76 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
3.275
0
5
10
15
20
25
30
Time since pulse start (s)

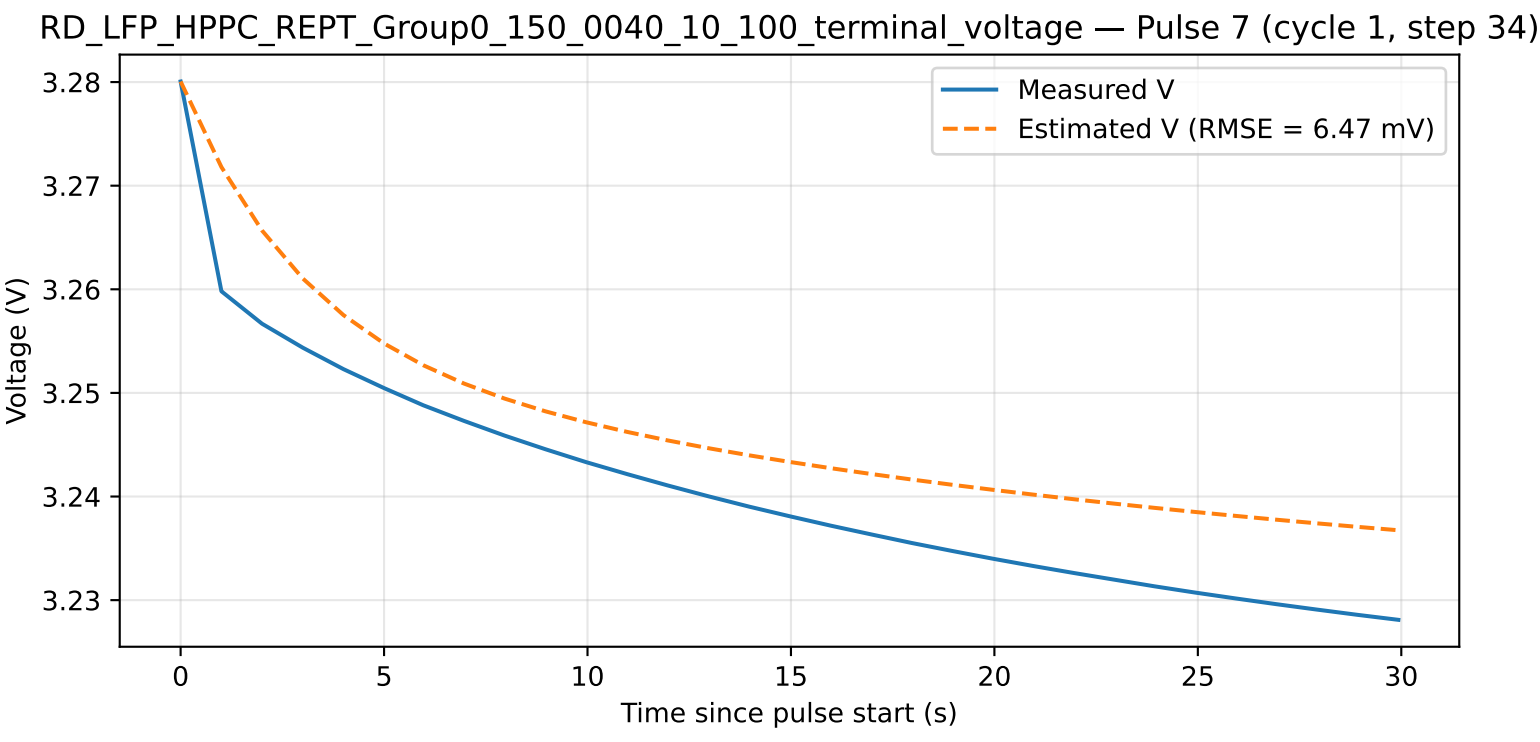

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.06 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

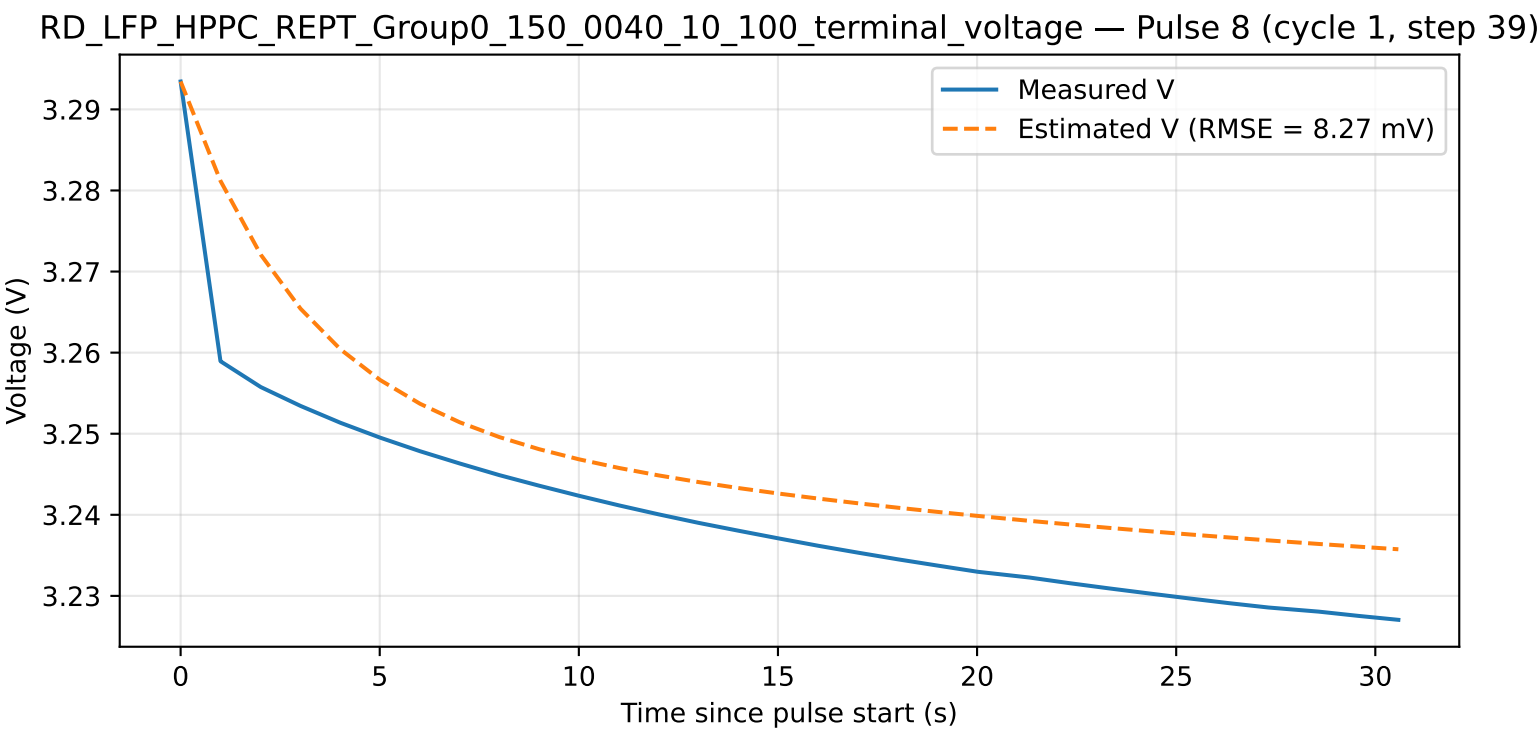

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 8.92 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

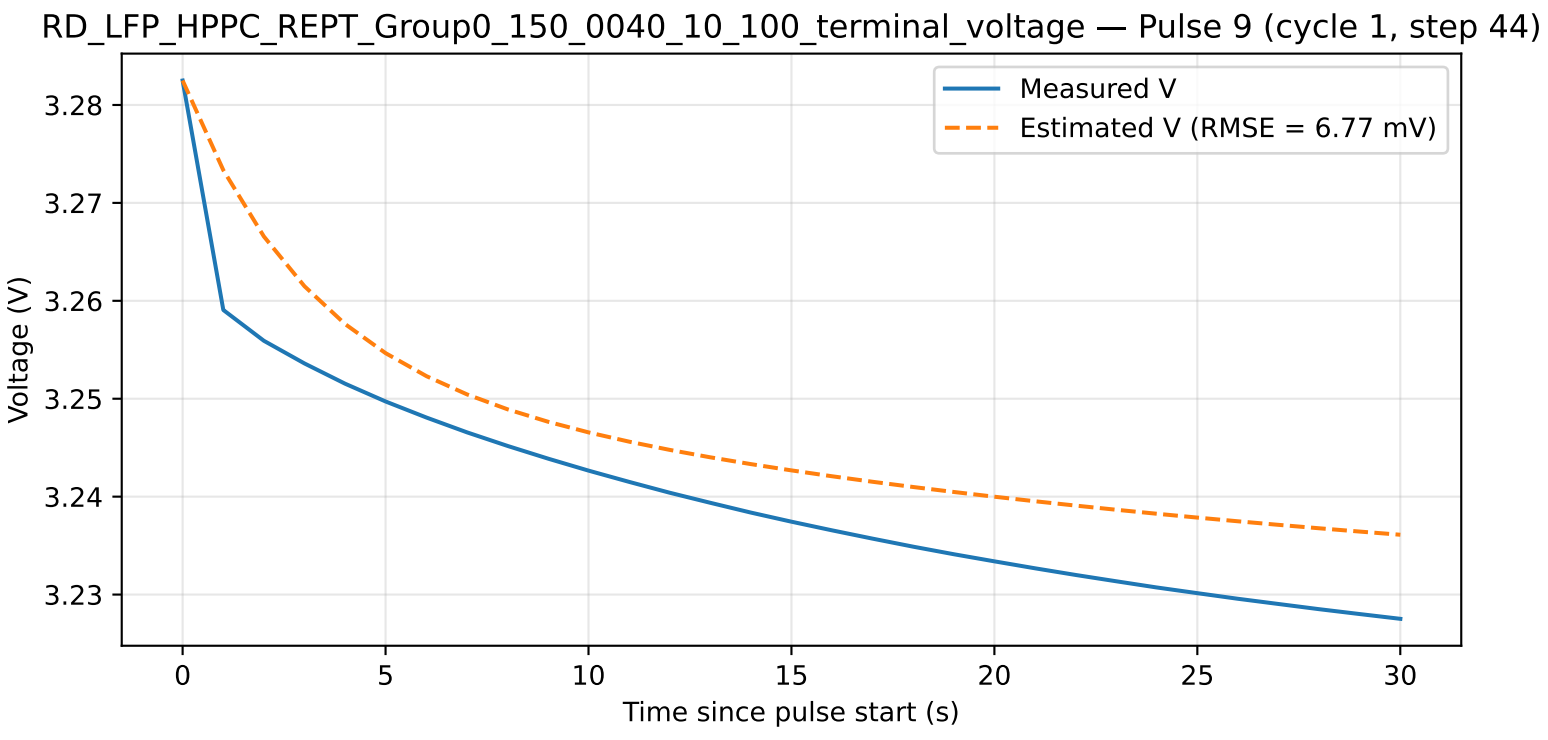

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.31 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

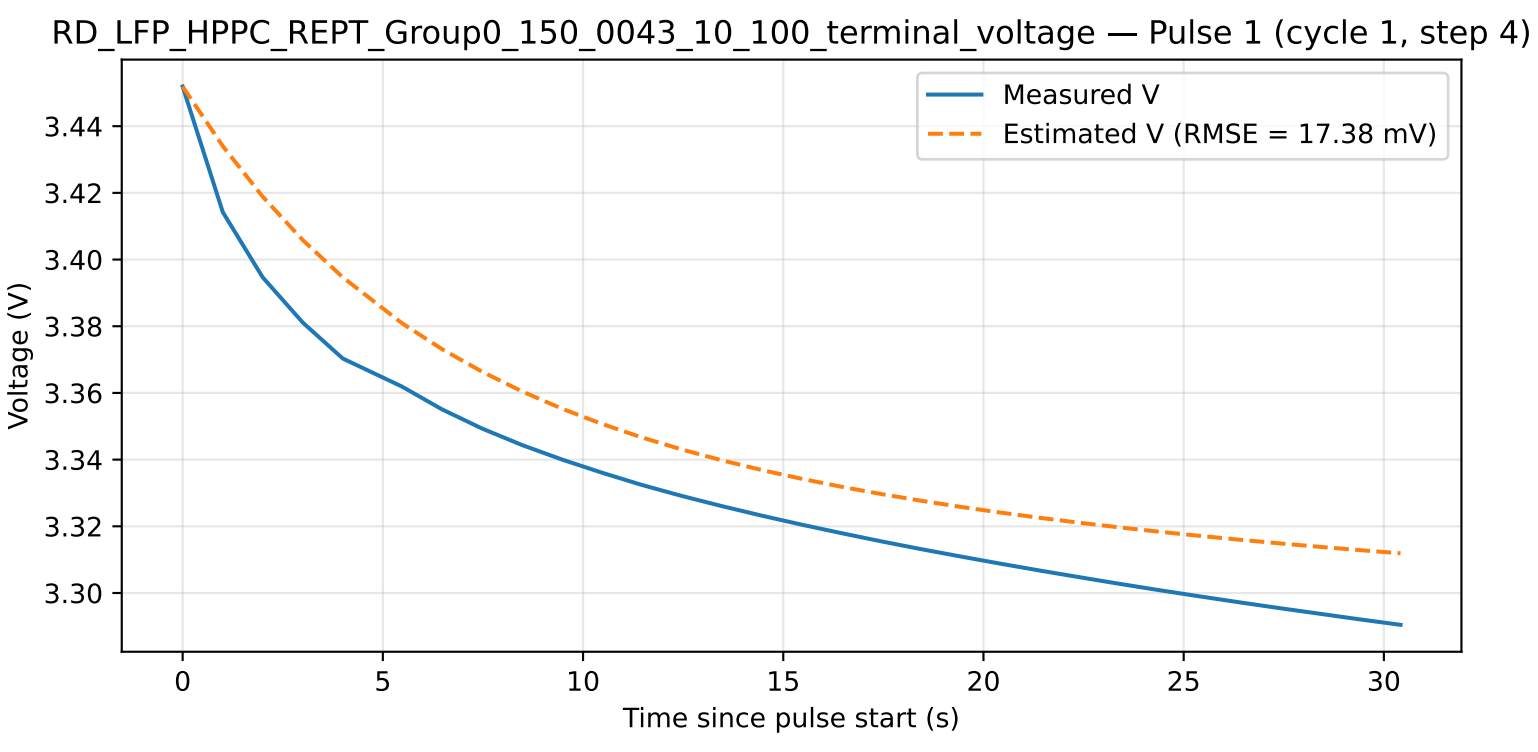

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 10.24 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

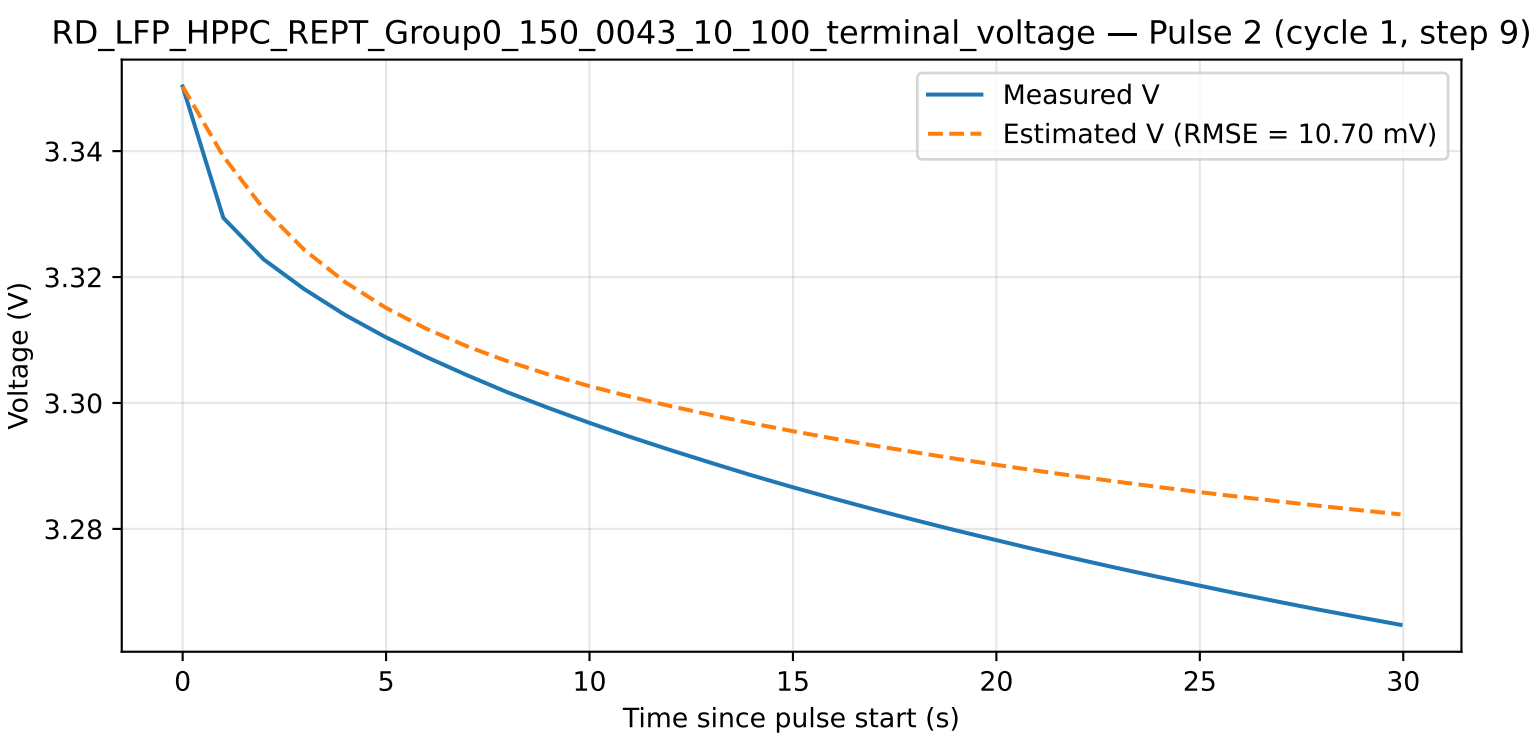

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.33 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

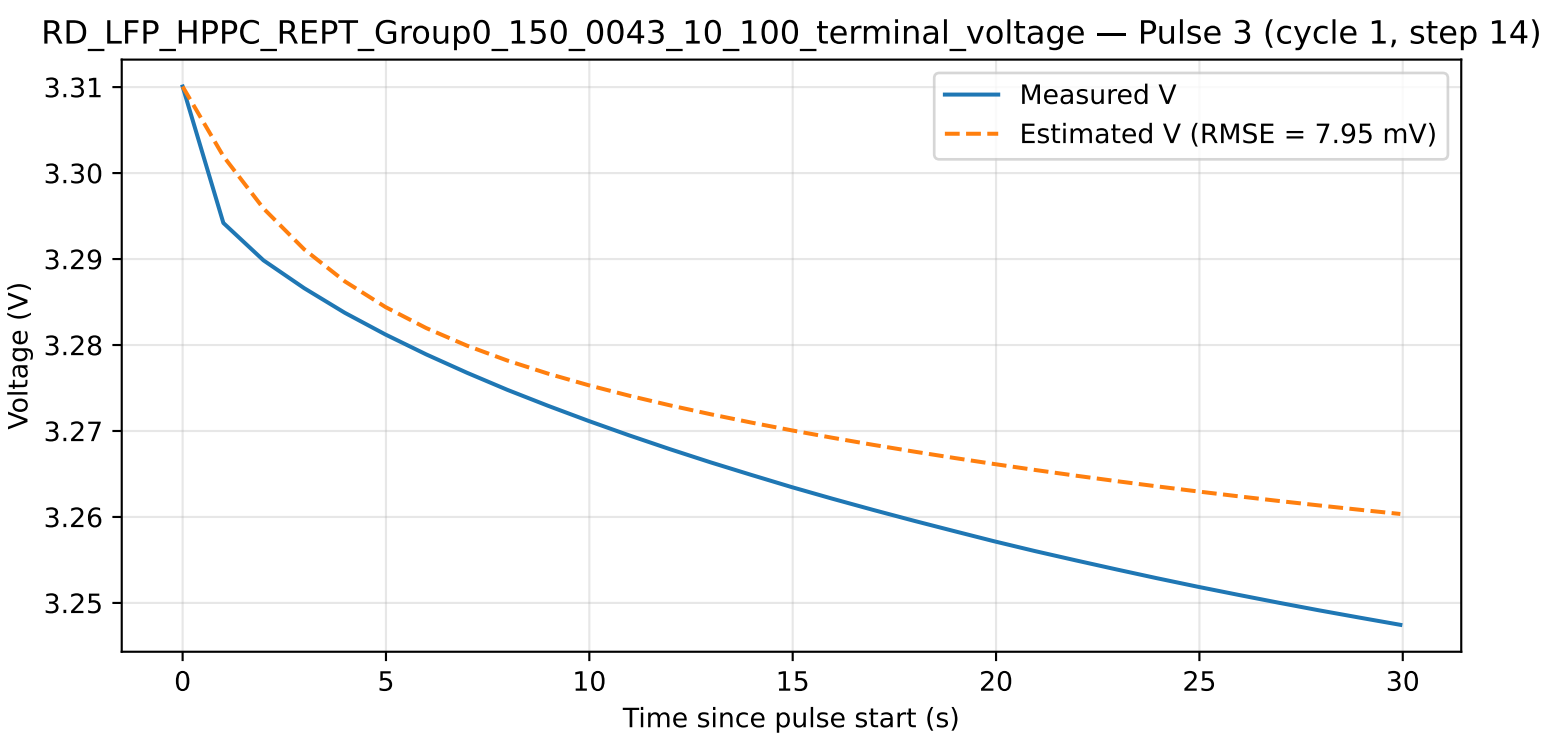

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.47 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

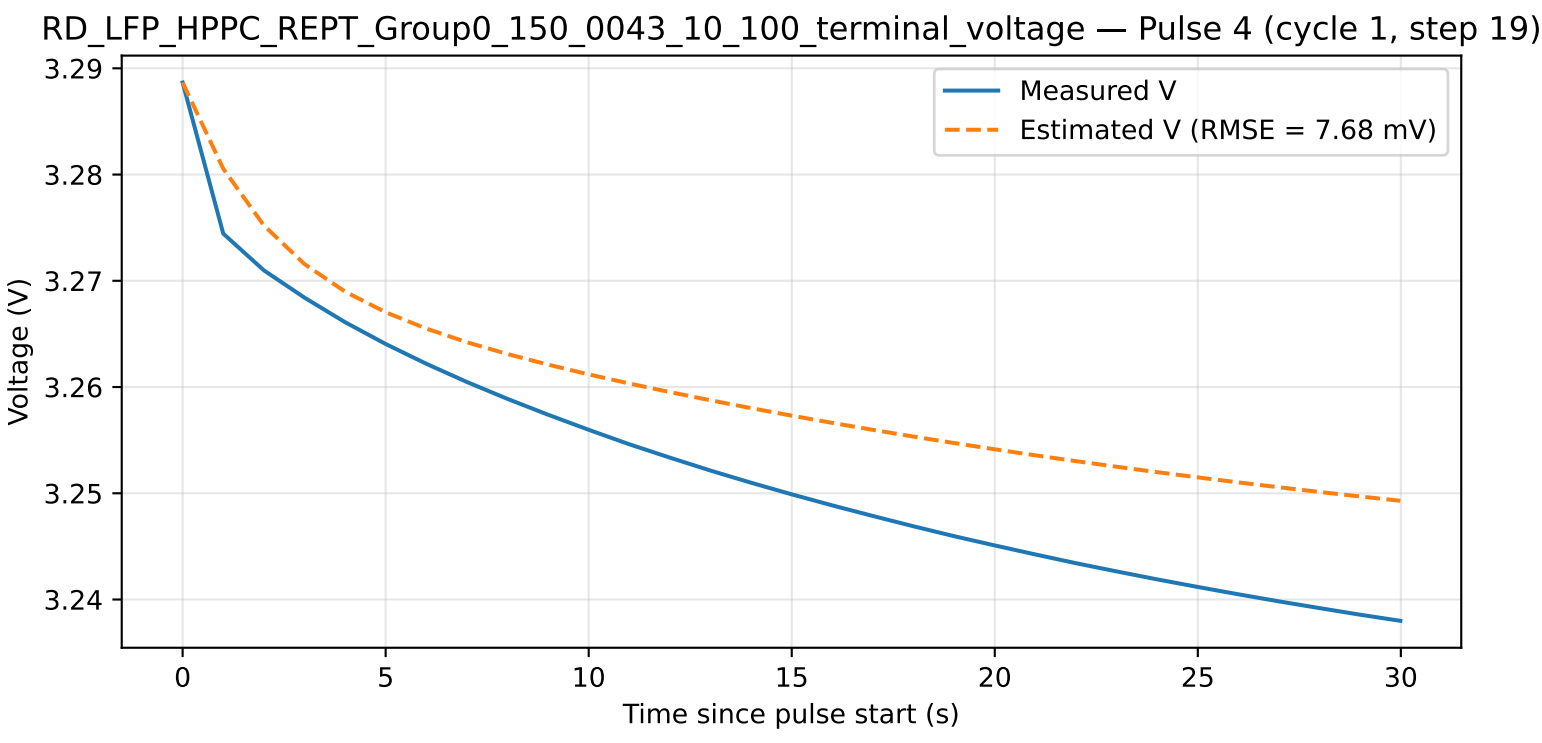

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 8.27 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

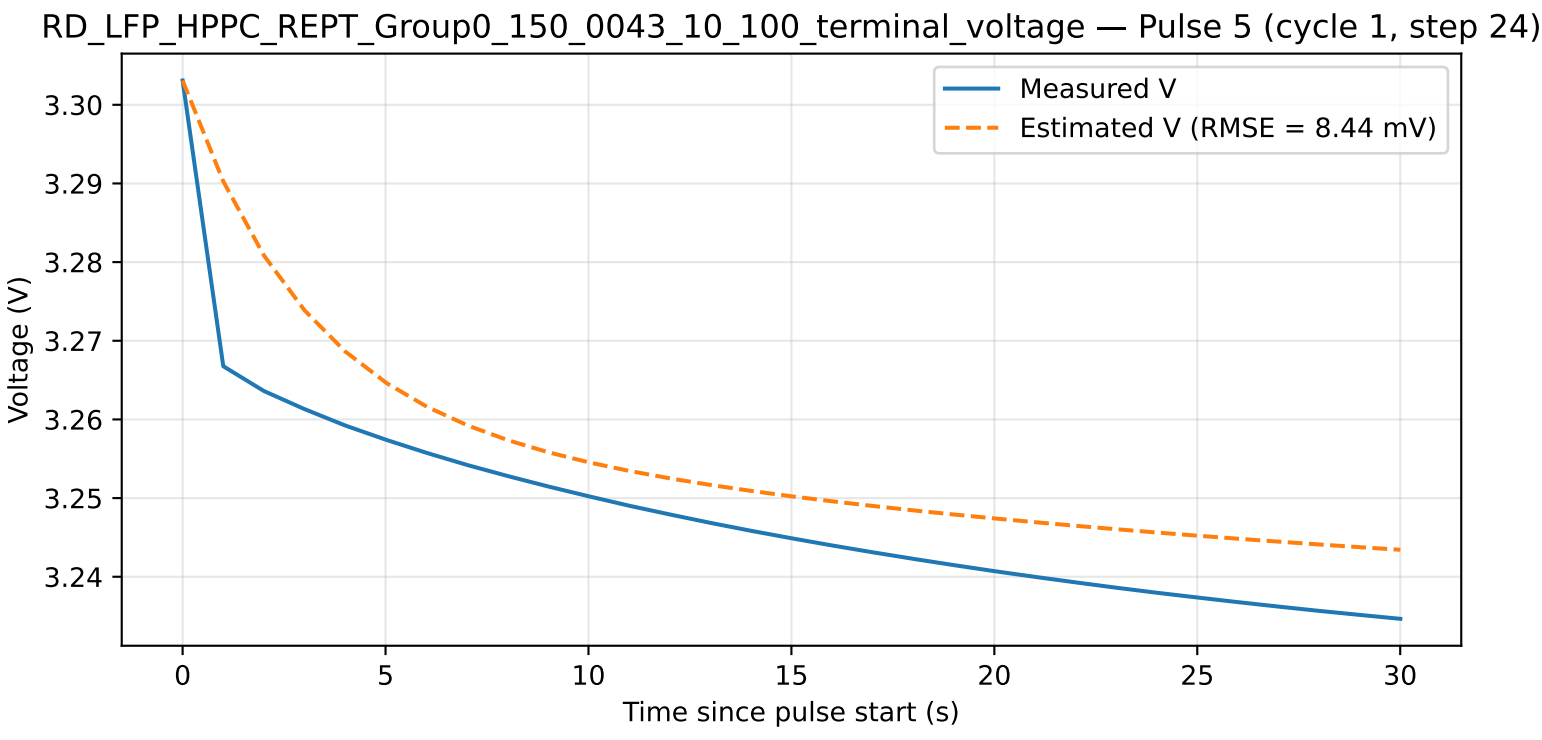

RD_LFP_HPPC_REPT_Group0_150_0040_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.77 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

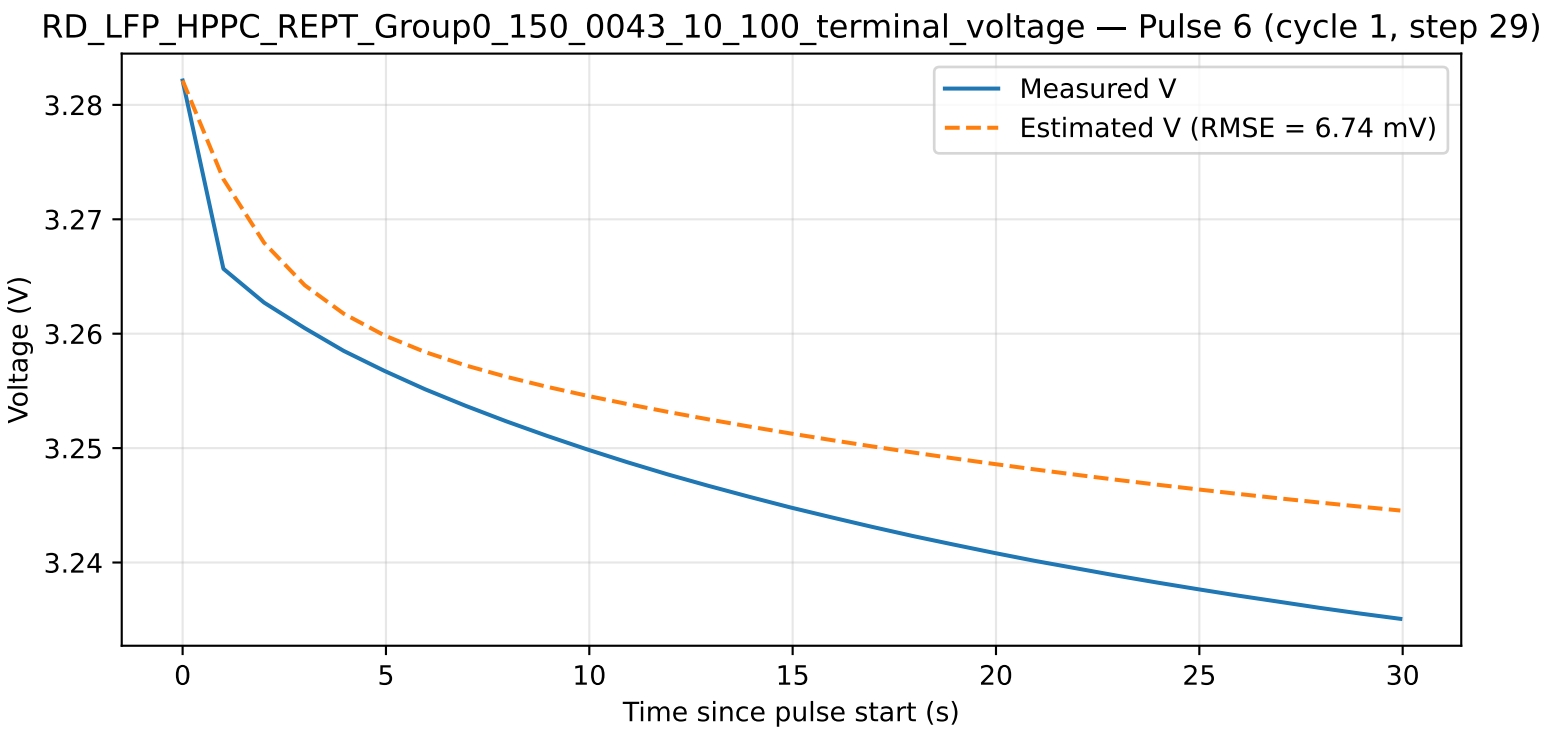

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 17.38 mV)
Voltage (V)
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

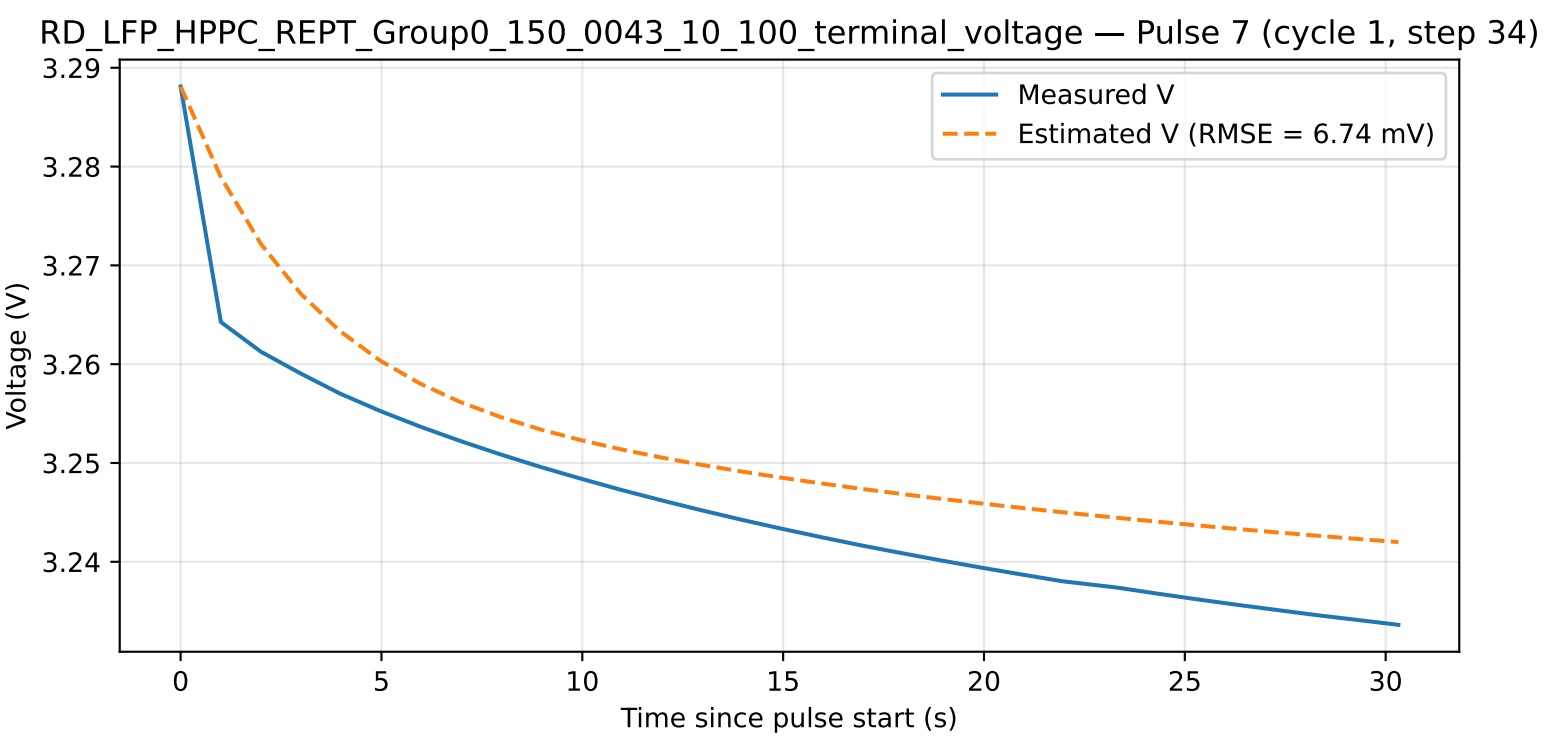

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.70 mV)
Voltage (V)
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

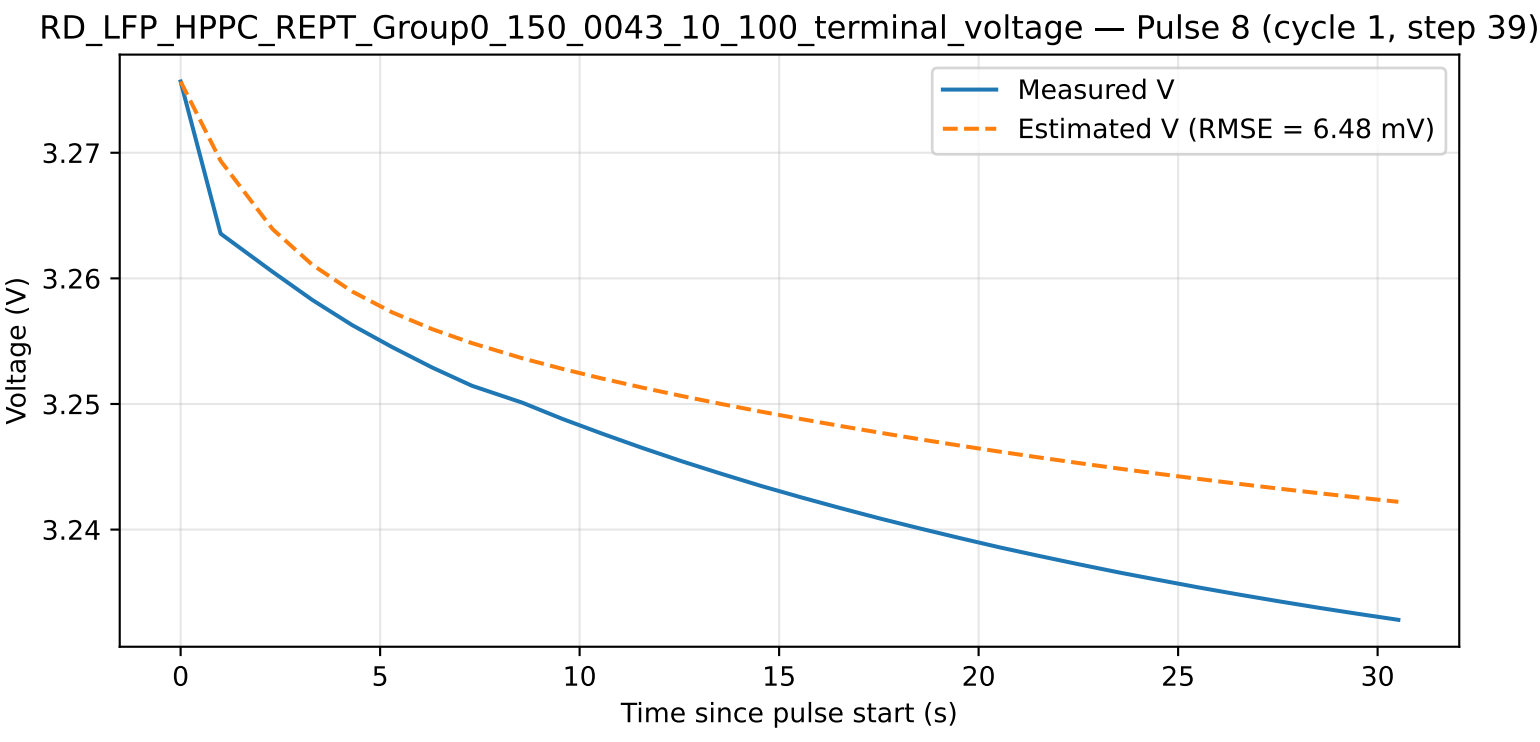

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.95 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

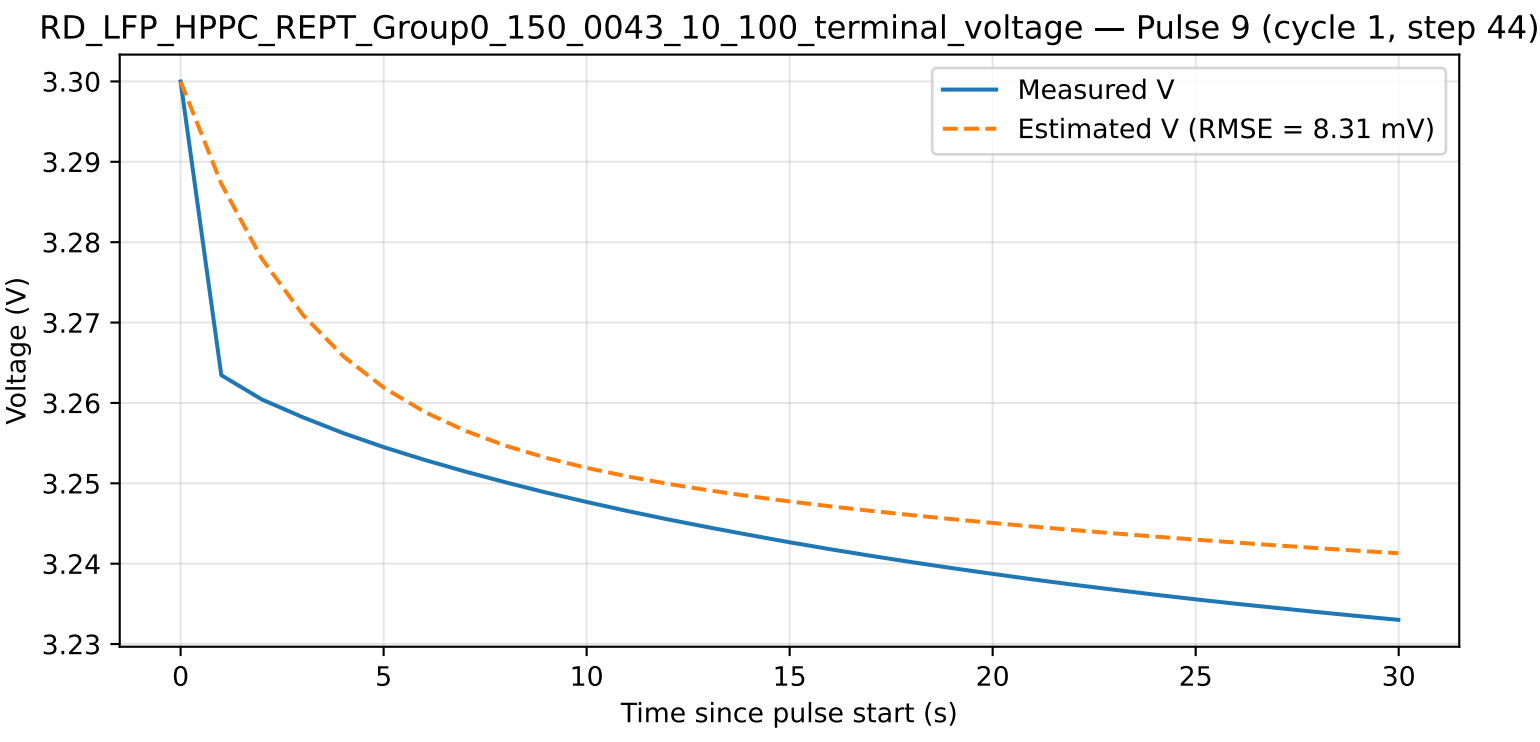

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.68 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

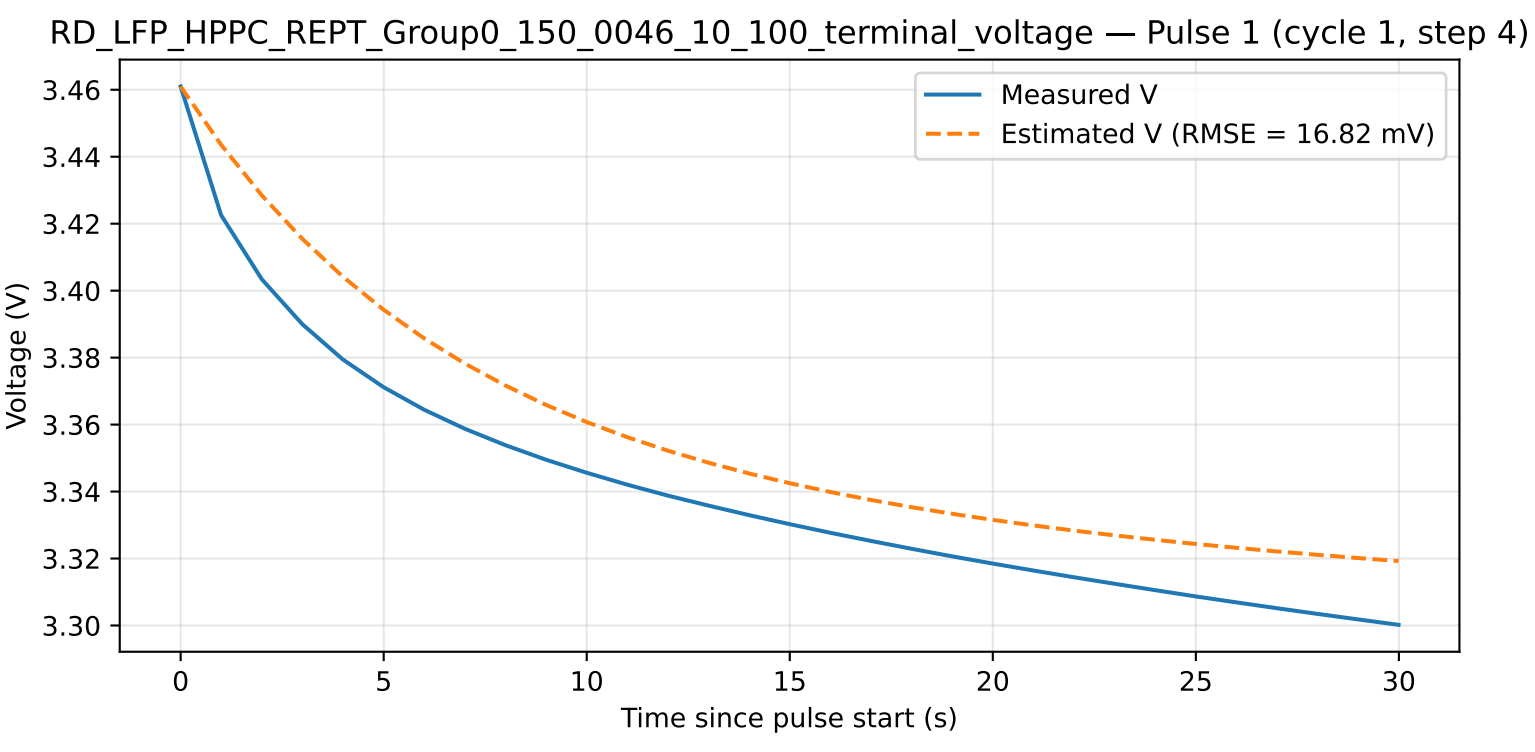

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 8.44 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

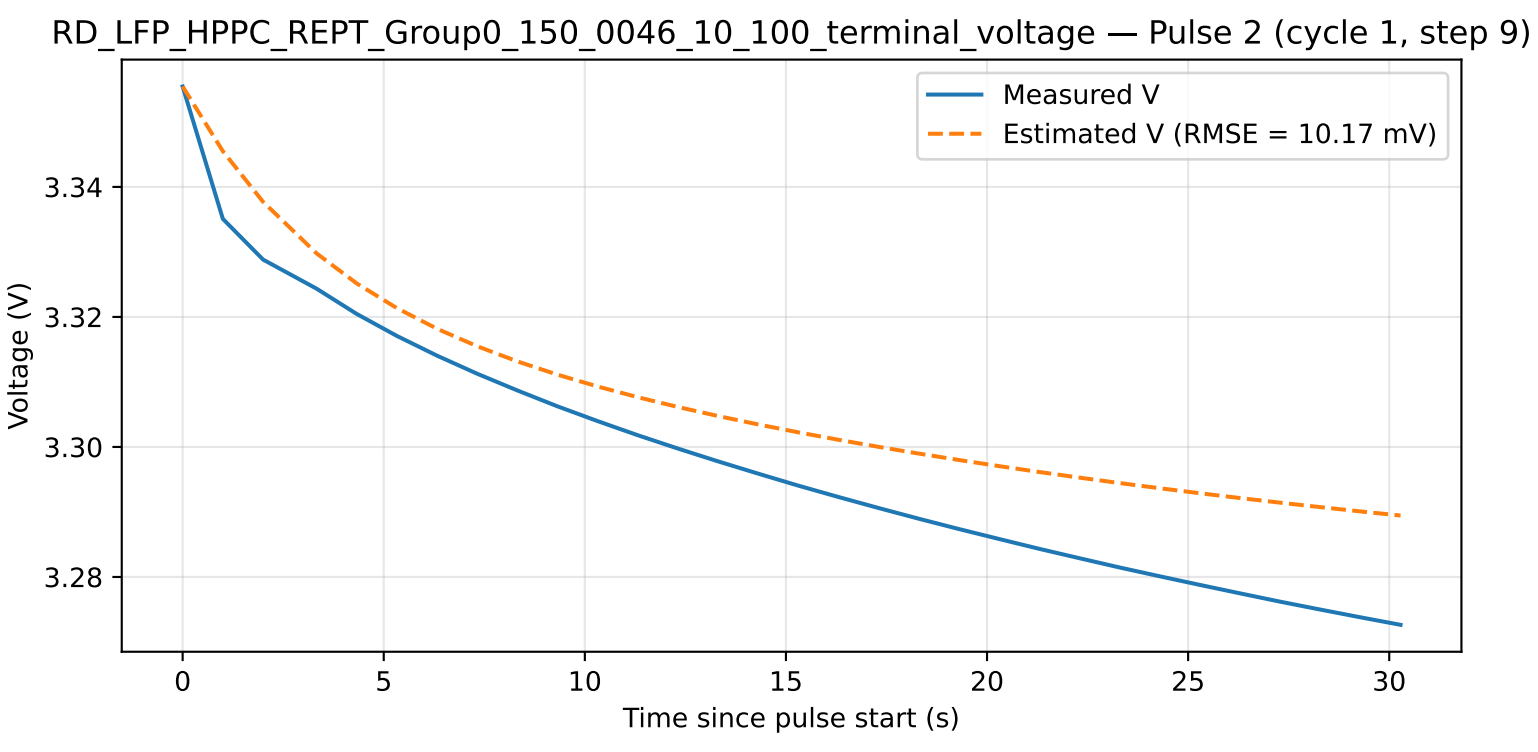

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.74 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

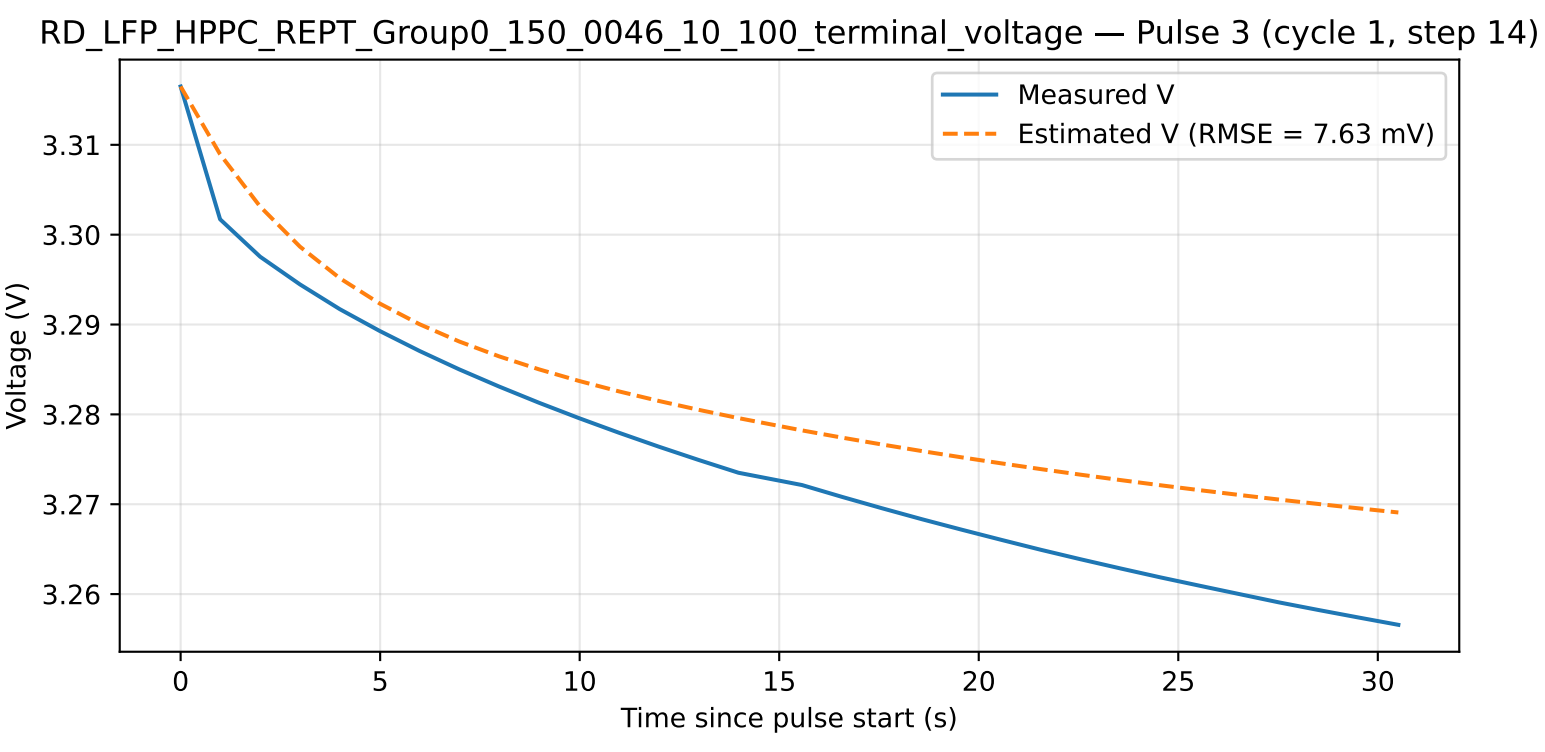

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.74 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

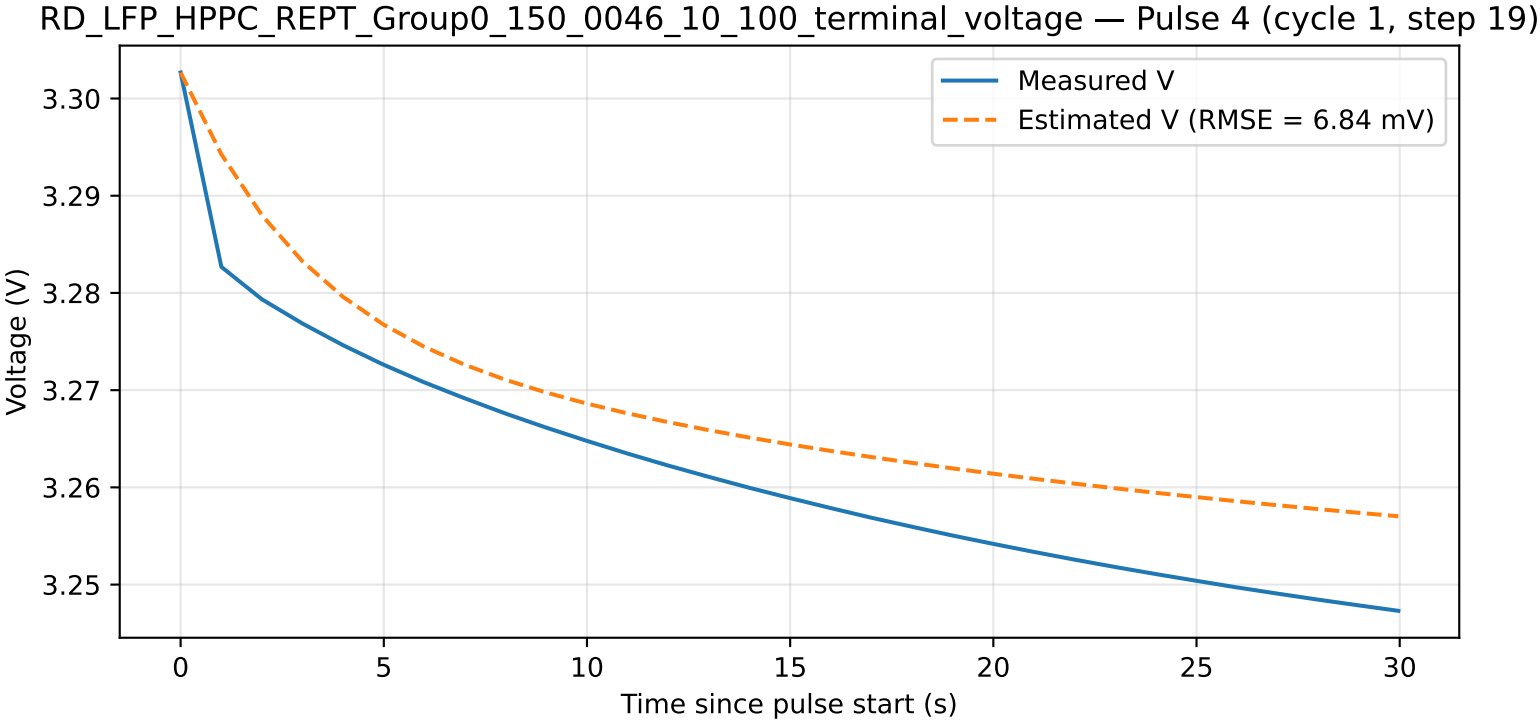

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.48 mV)
Voltage (V)
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

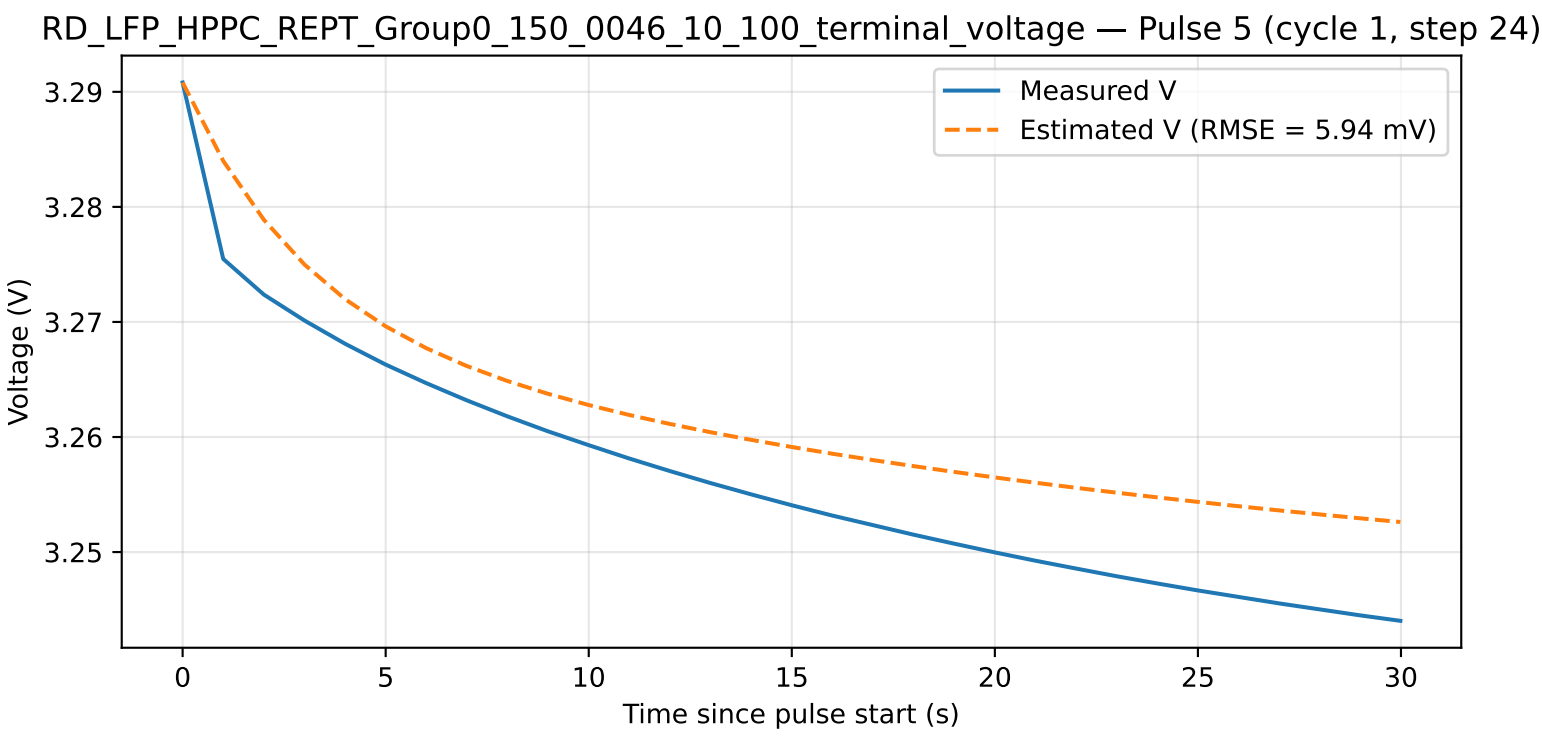

RD_LFP_HPPC_REPT_Group0_150_0043_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 8.31 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

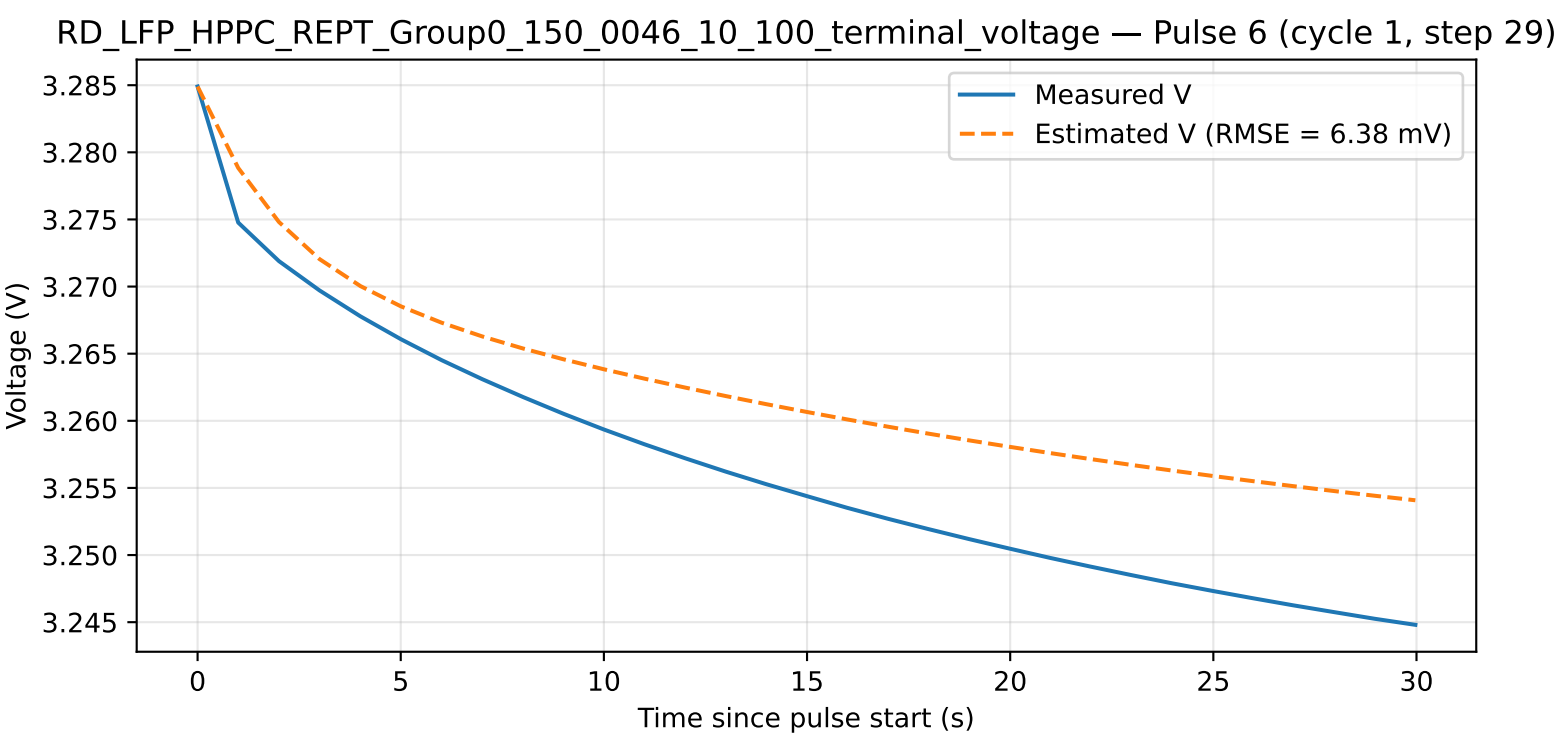

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 16.82 mV)
Voltage (V)
3.46
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

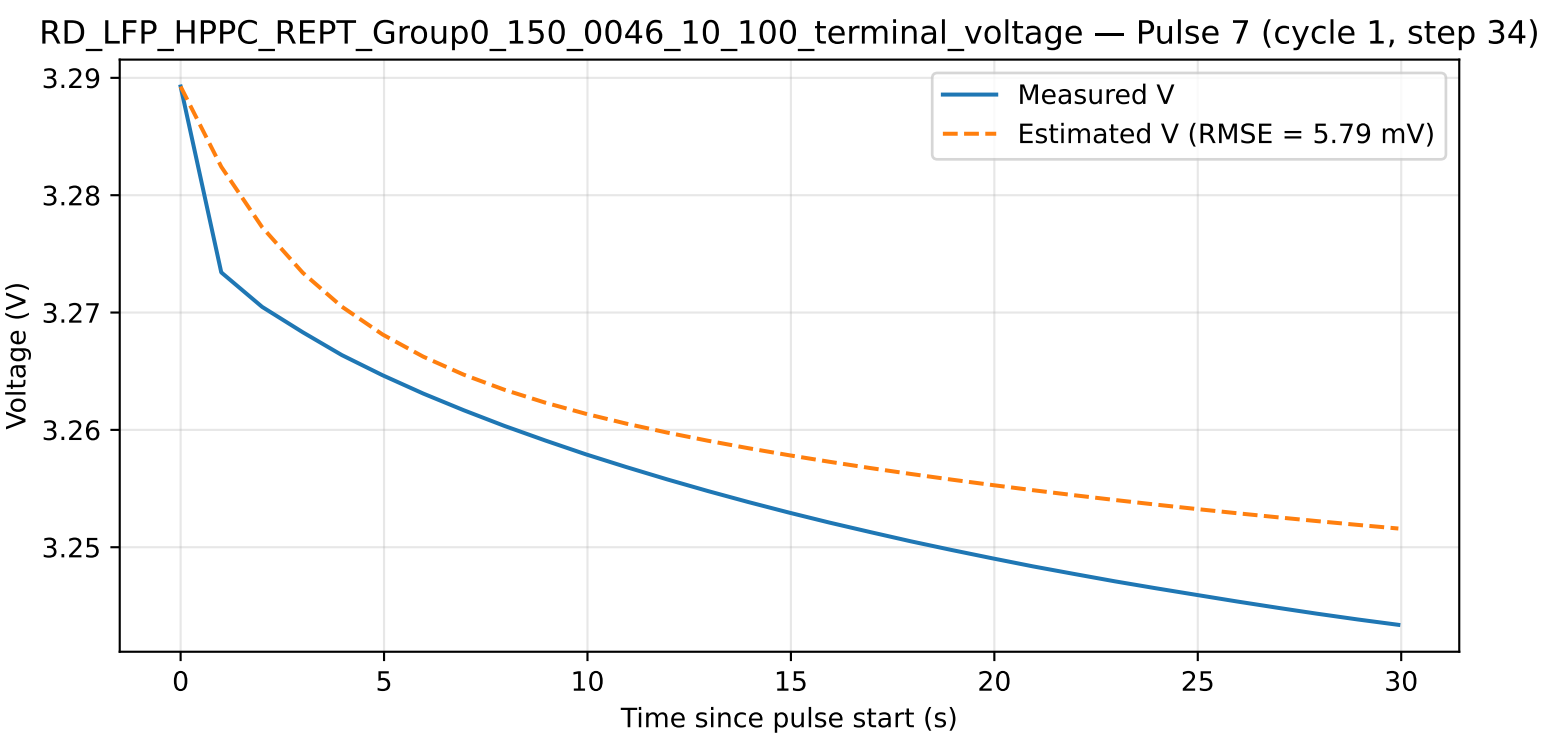

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.17 mV)
Voltage (V)
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

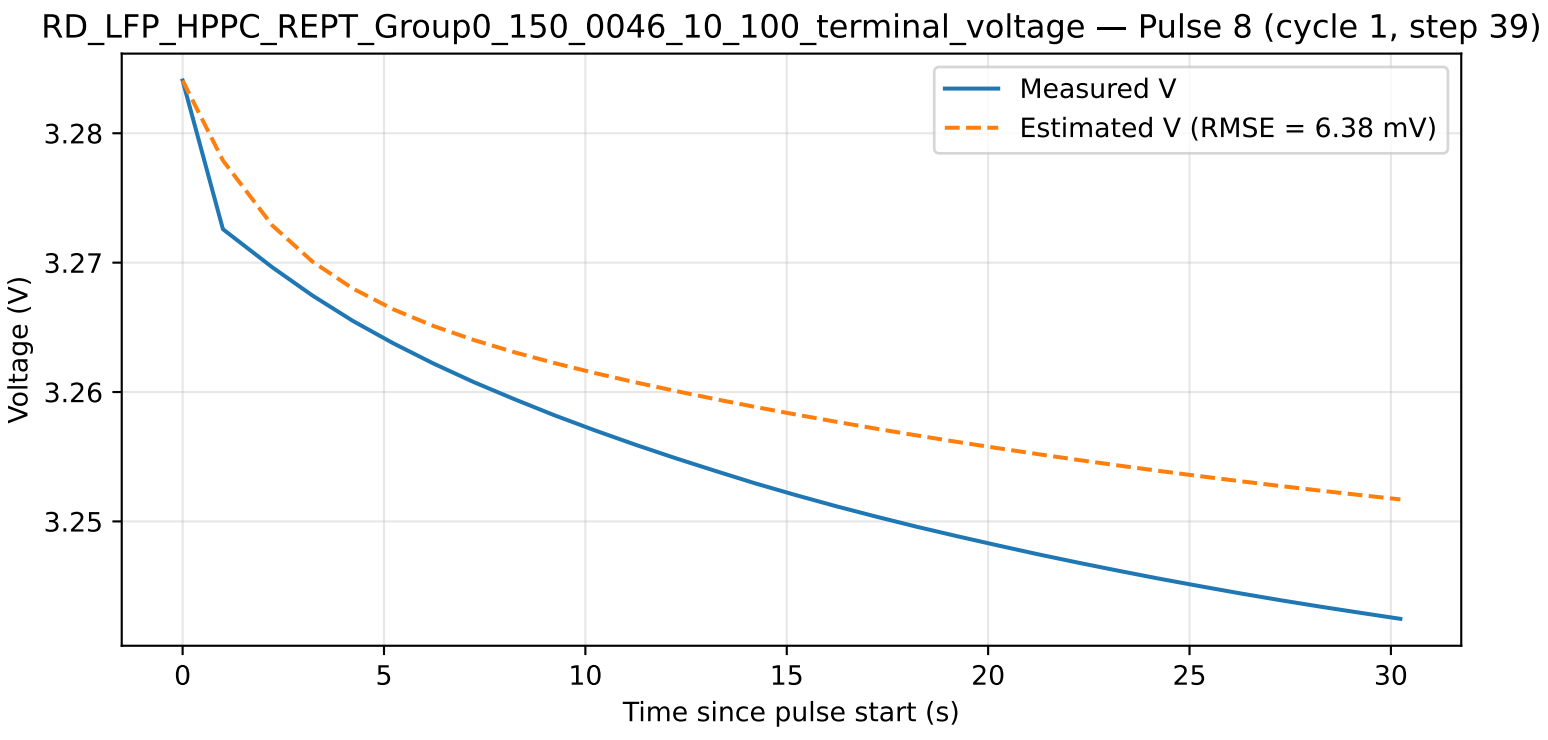

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.63 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

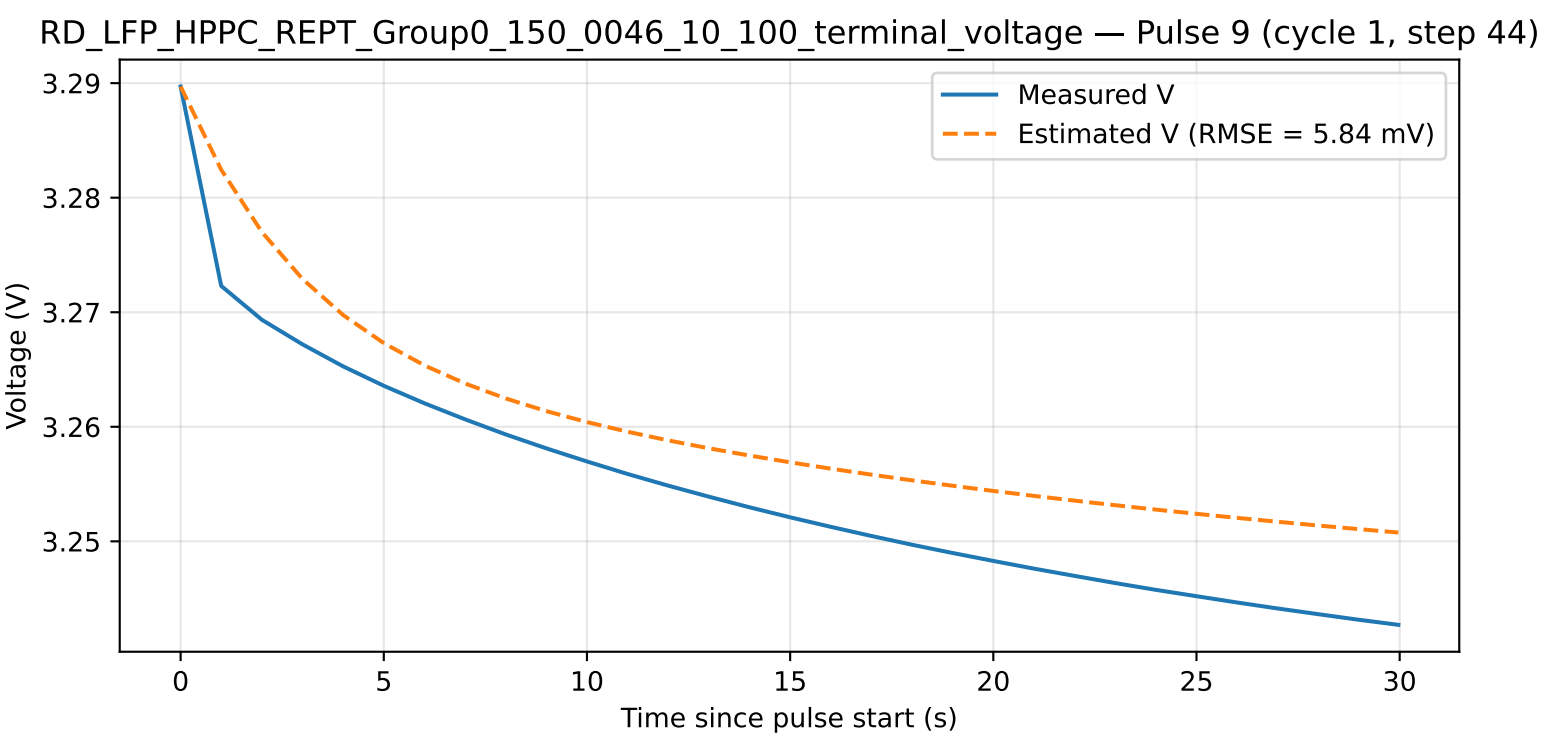

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 6.84 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

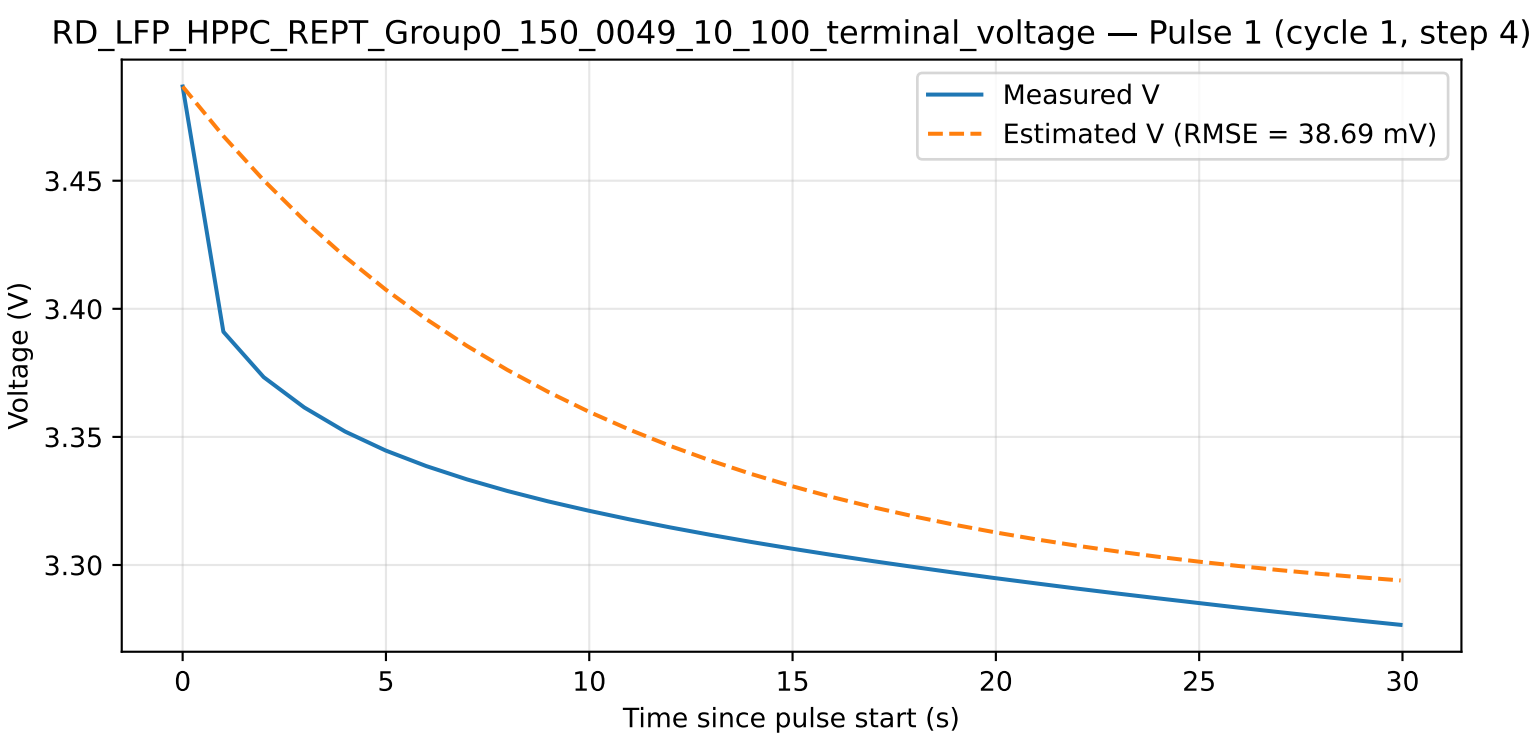

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 5.94 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

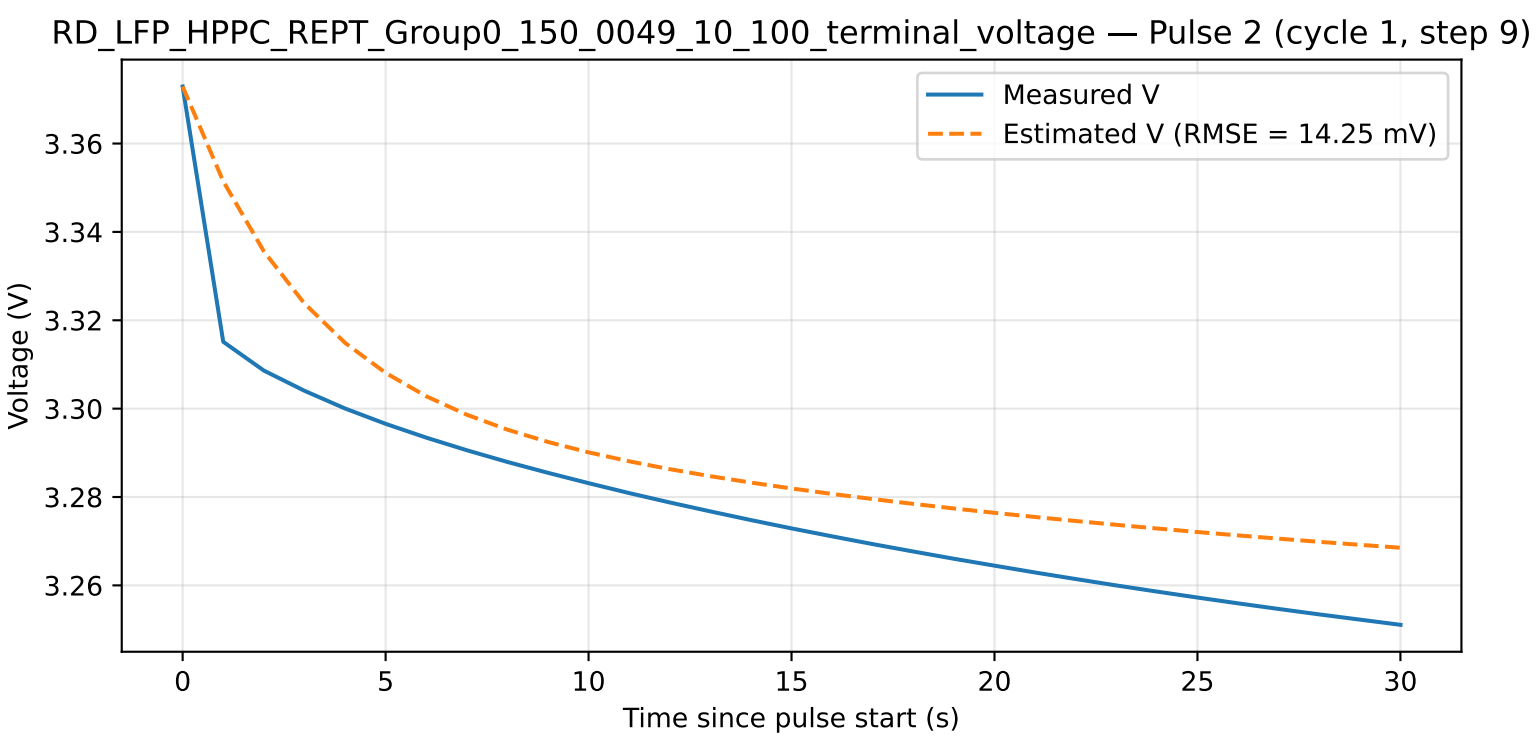

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.38 mV)
Voltage (V)
3.285
3.280
3.275
3.270
3.265
3.260
3.255
3.250
3.245
0
5
10
15
20
25
30
Time since pulse start (s)

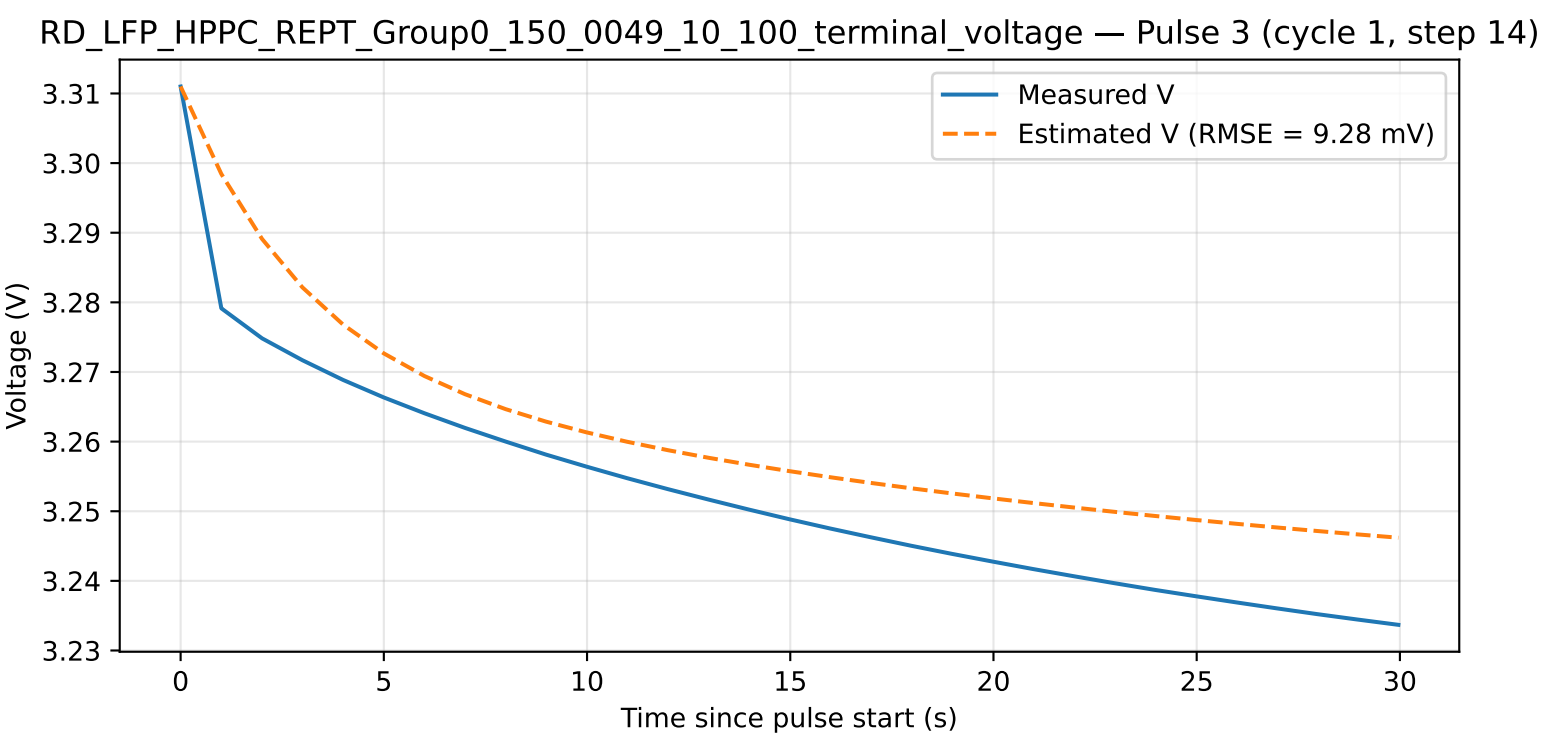

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 5.79 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

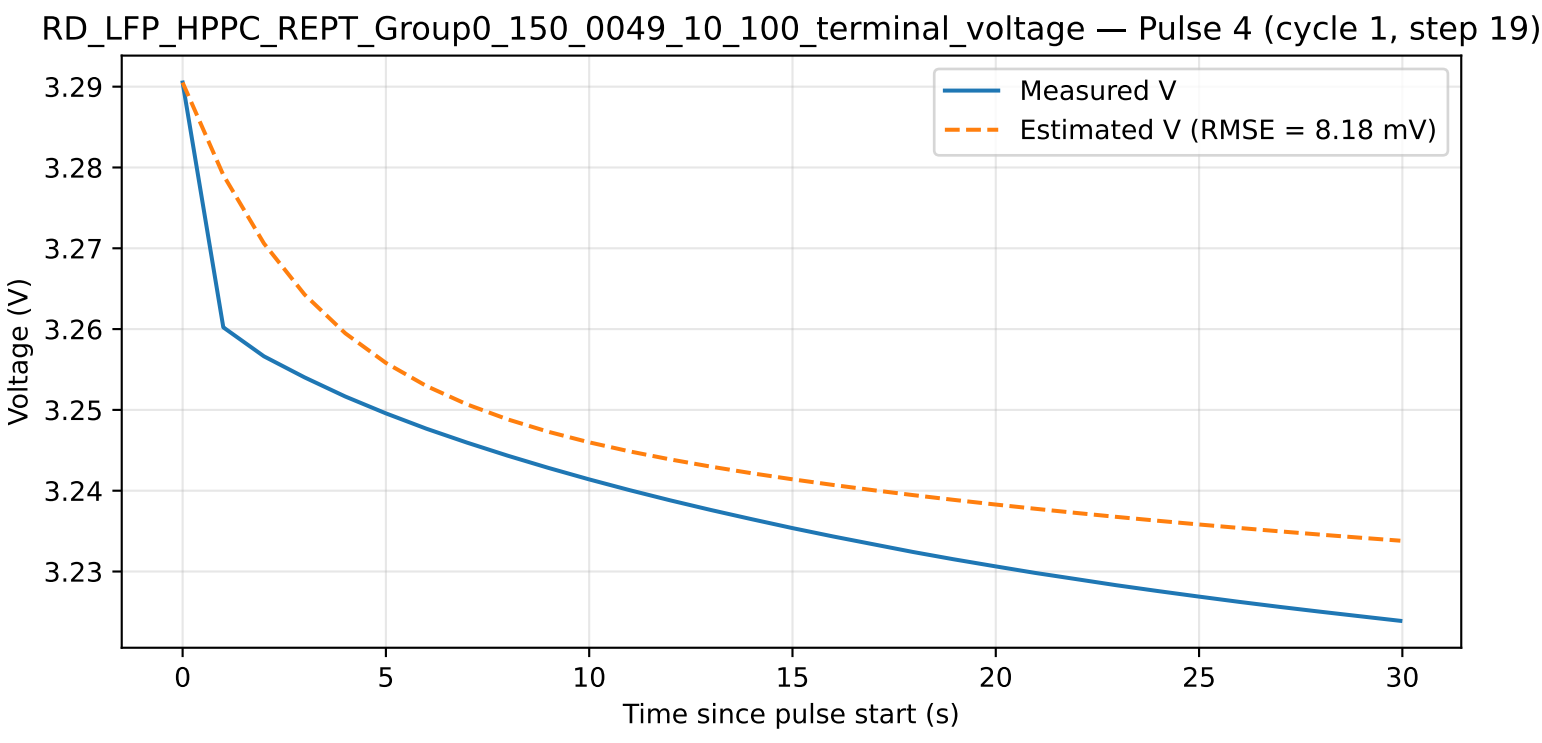

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.38 mV)
Voltage (V)
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

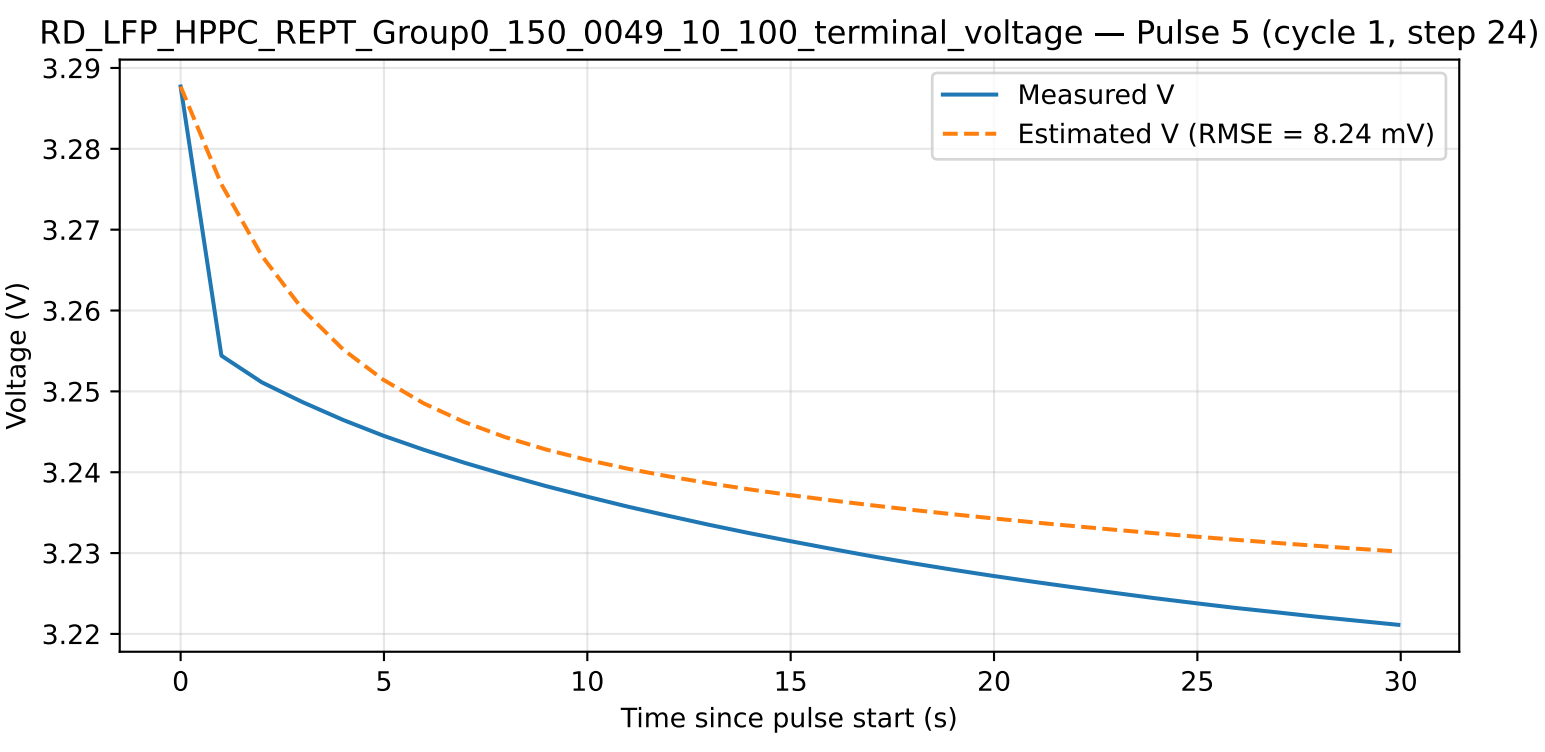

RD_LFP_HPPC_REPT_Group0_150_0046_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 5.84 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

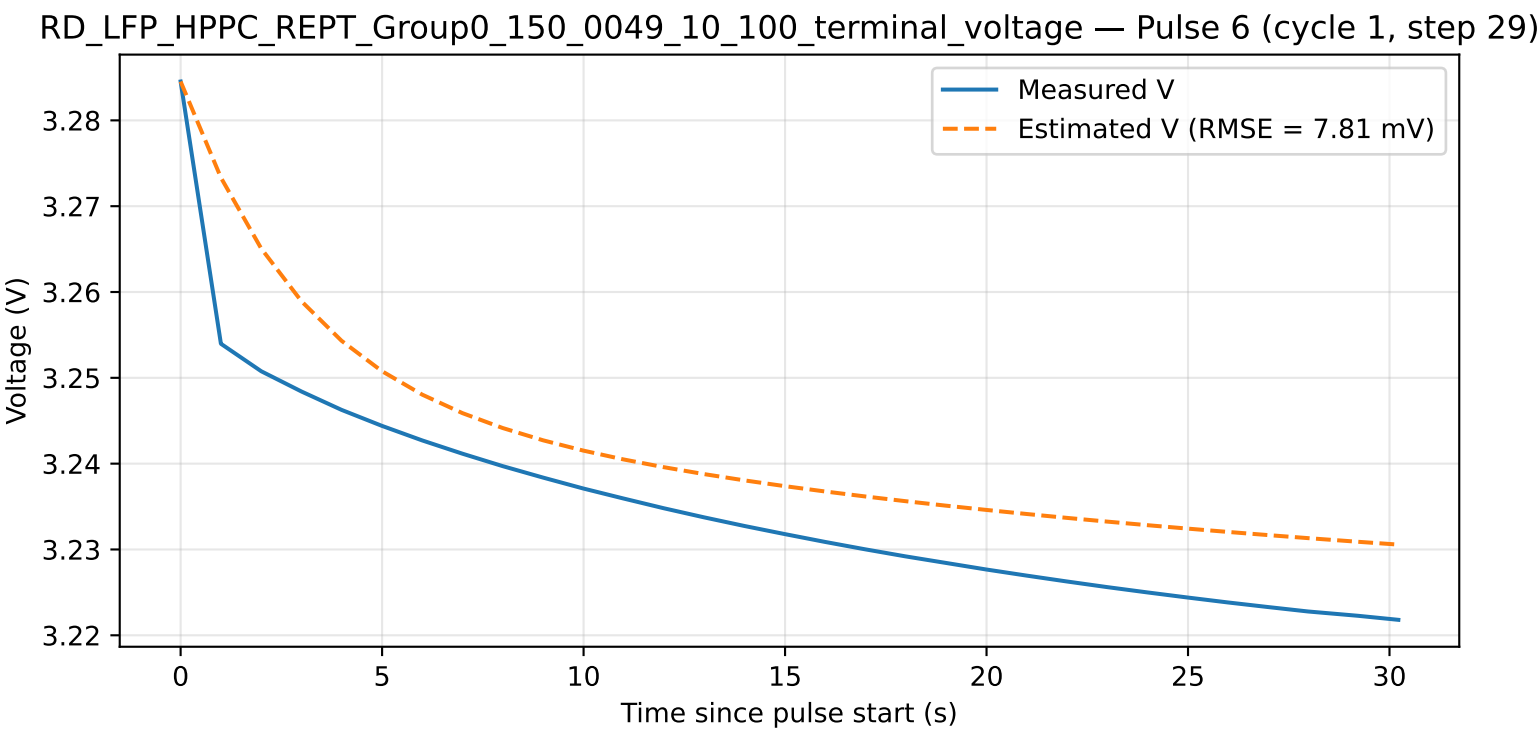

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 38.69 mV)
Voltage (V)
3.45
3.40
3.35
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

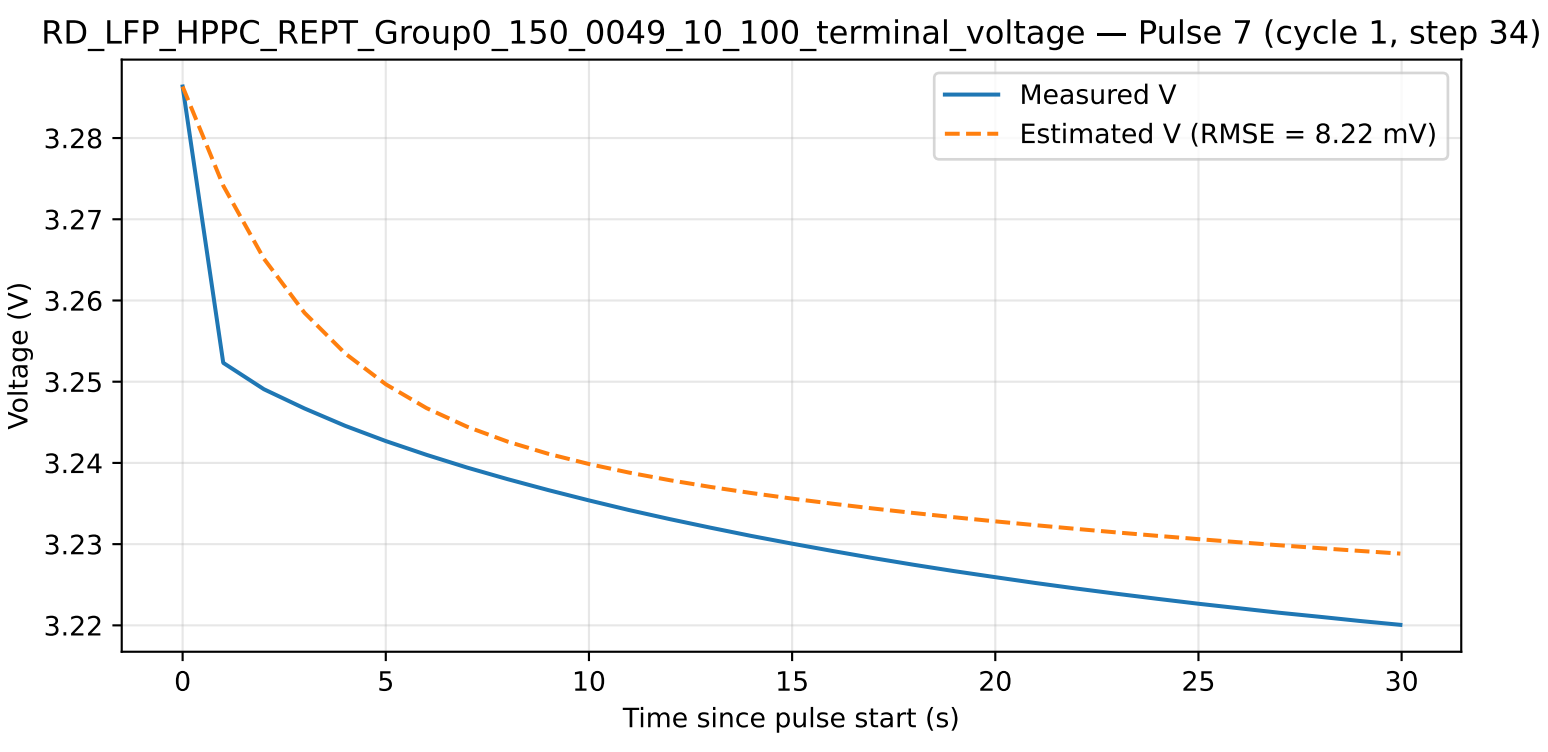

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 14.25 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

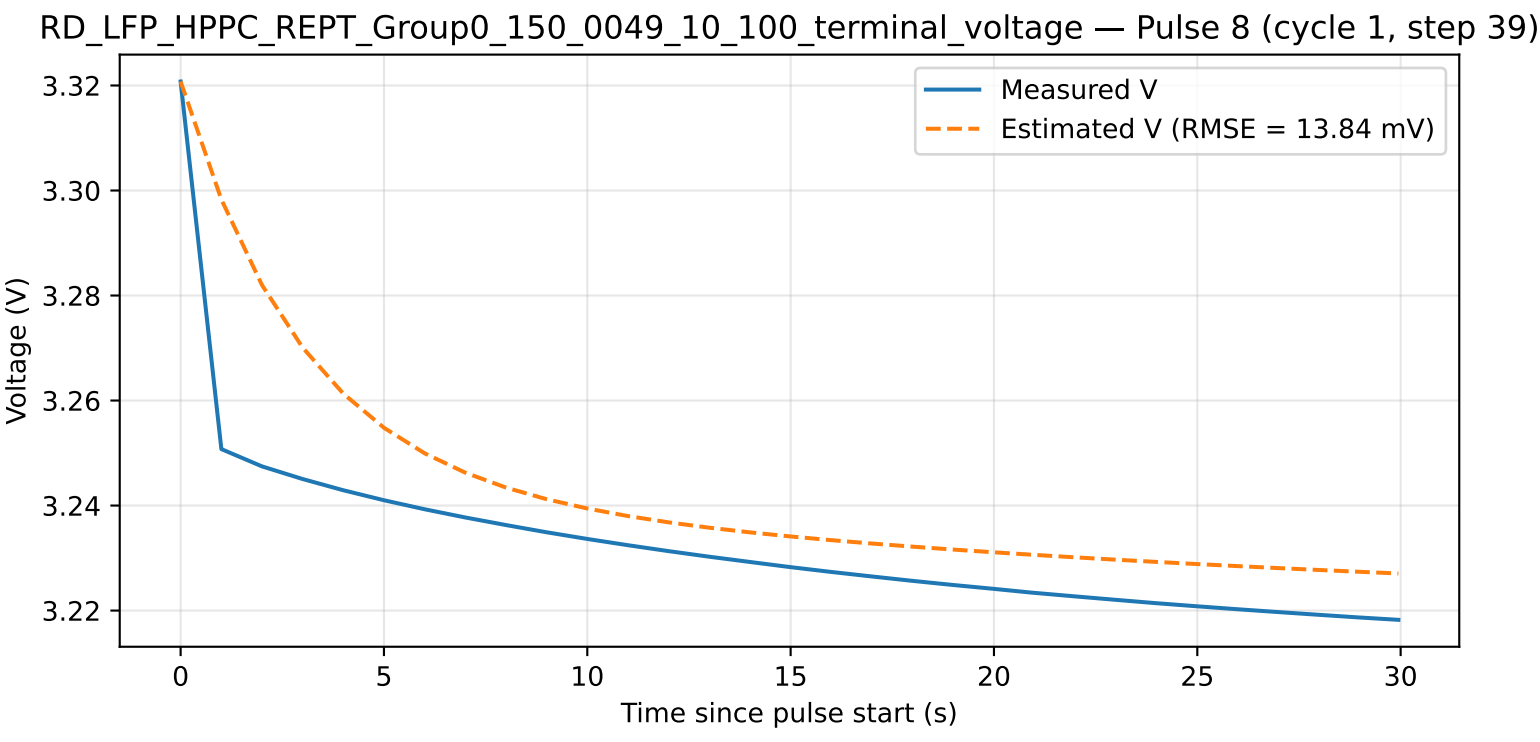

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 9.28 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

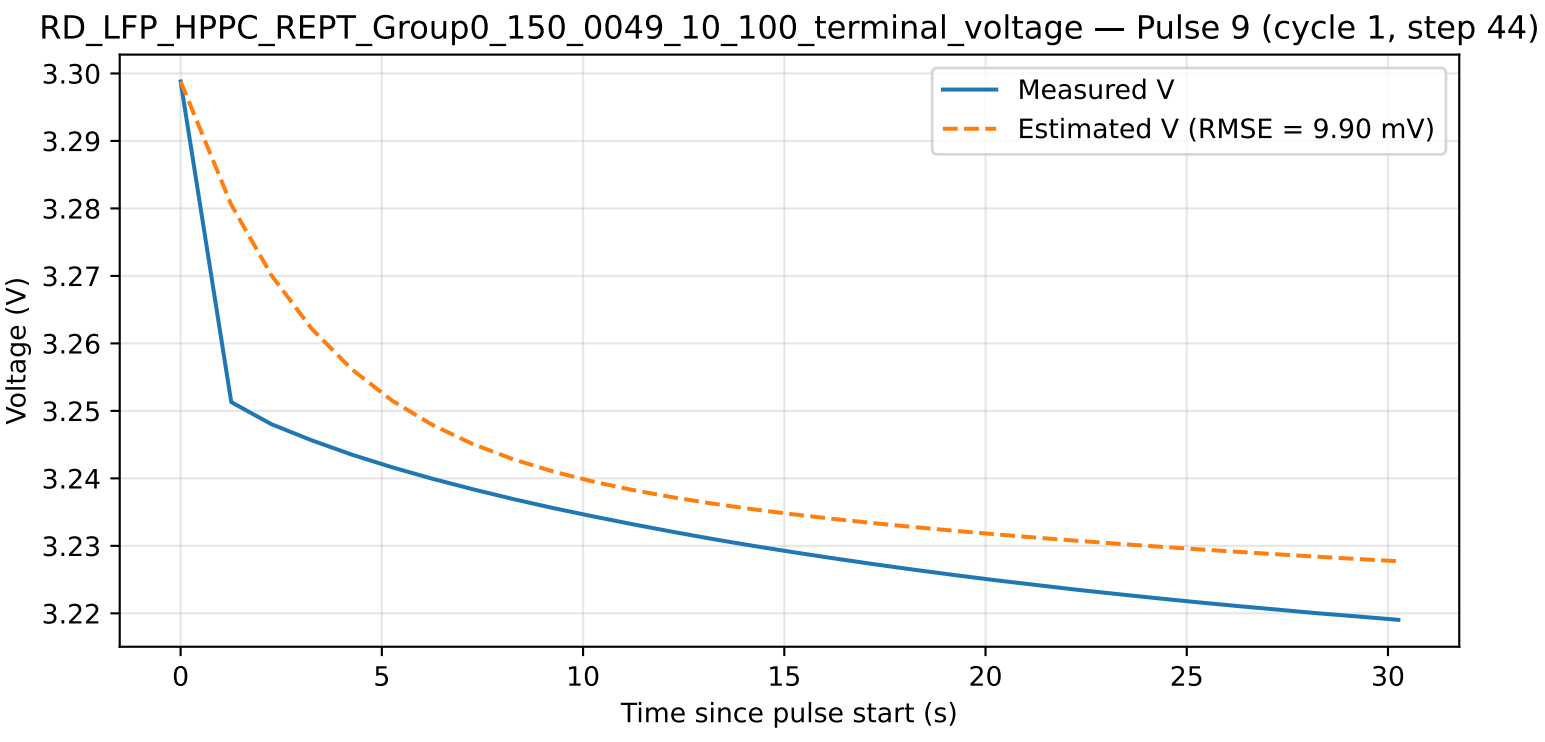

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.18 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

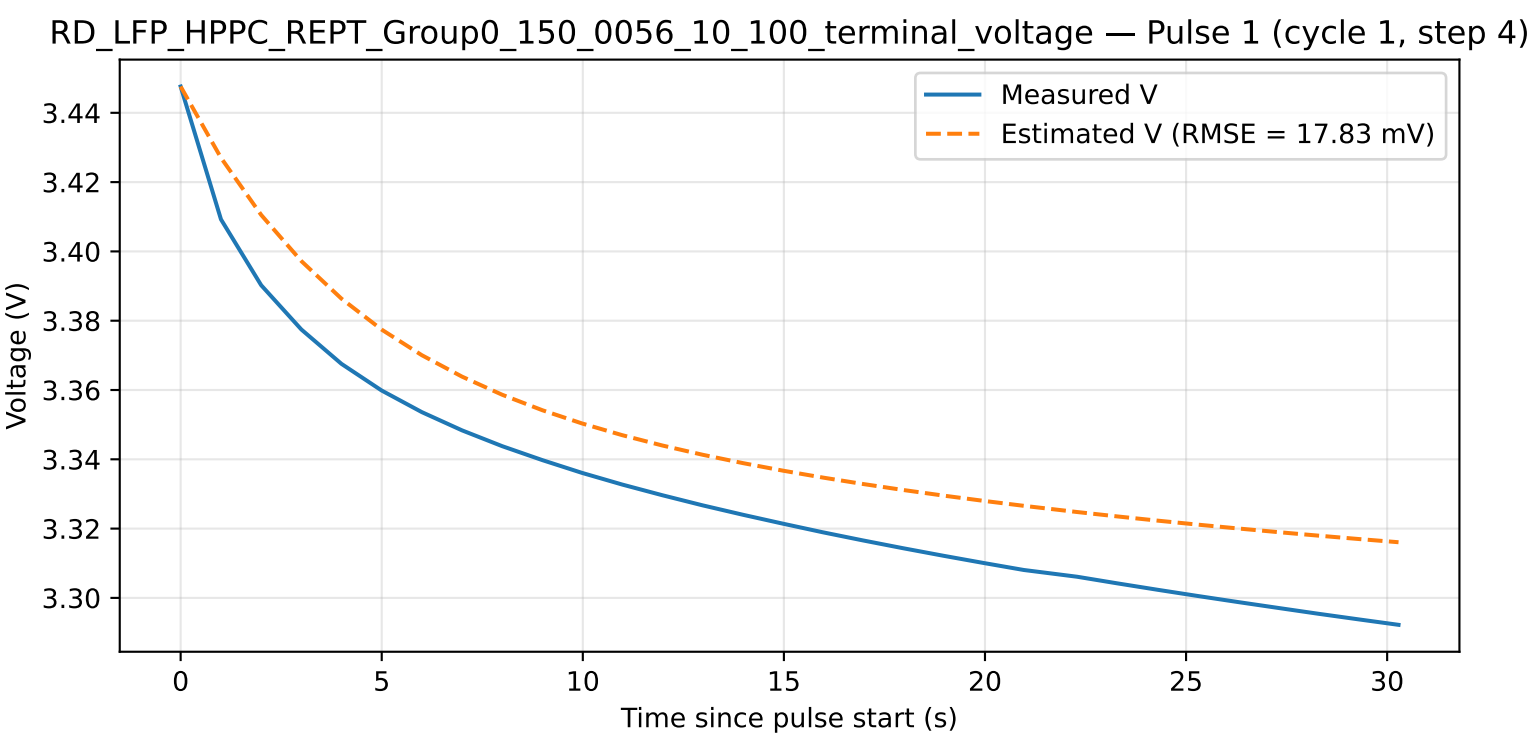

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 8.24 mV)
Voltage (V)
Time since pulse start (s)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30

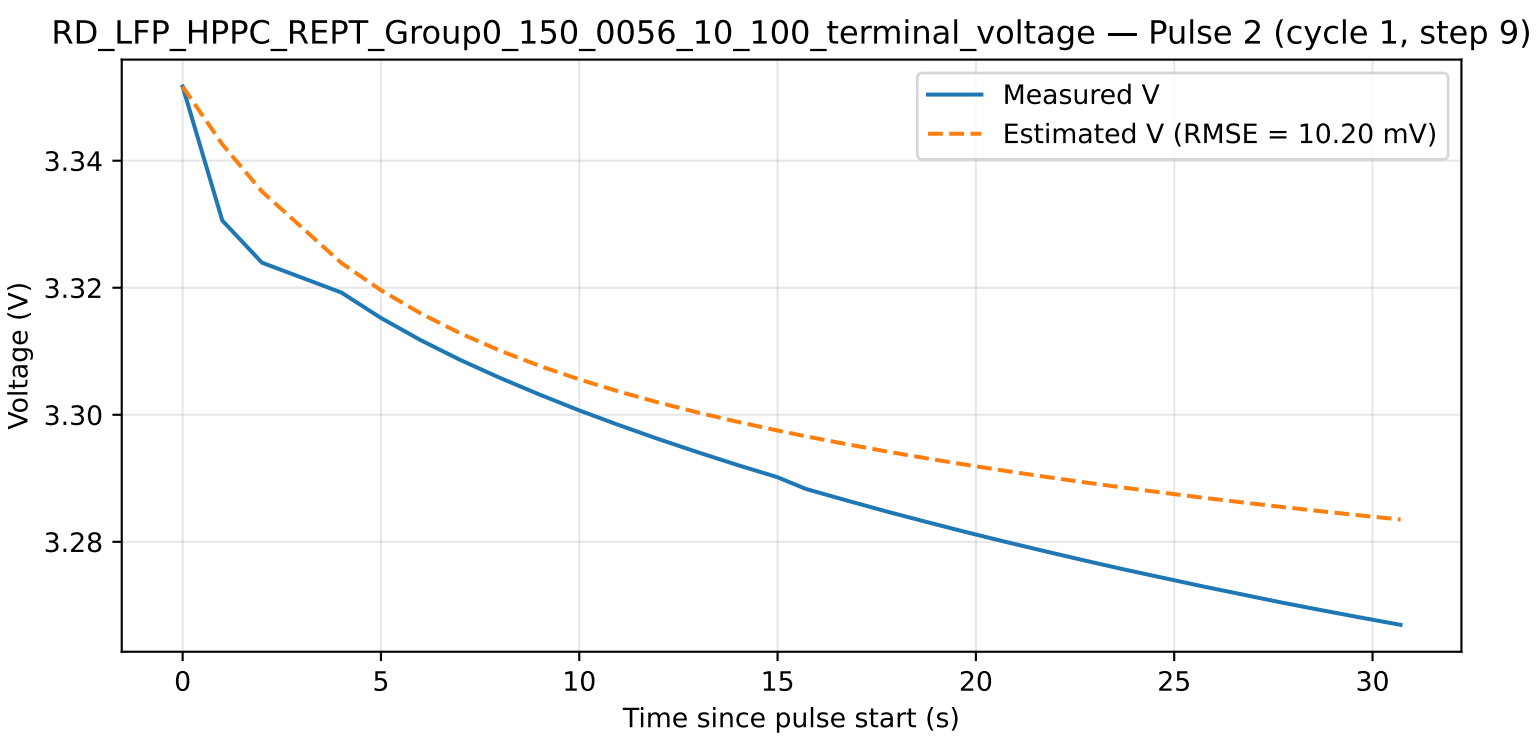

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.81 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

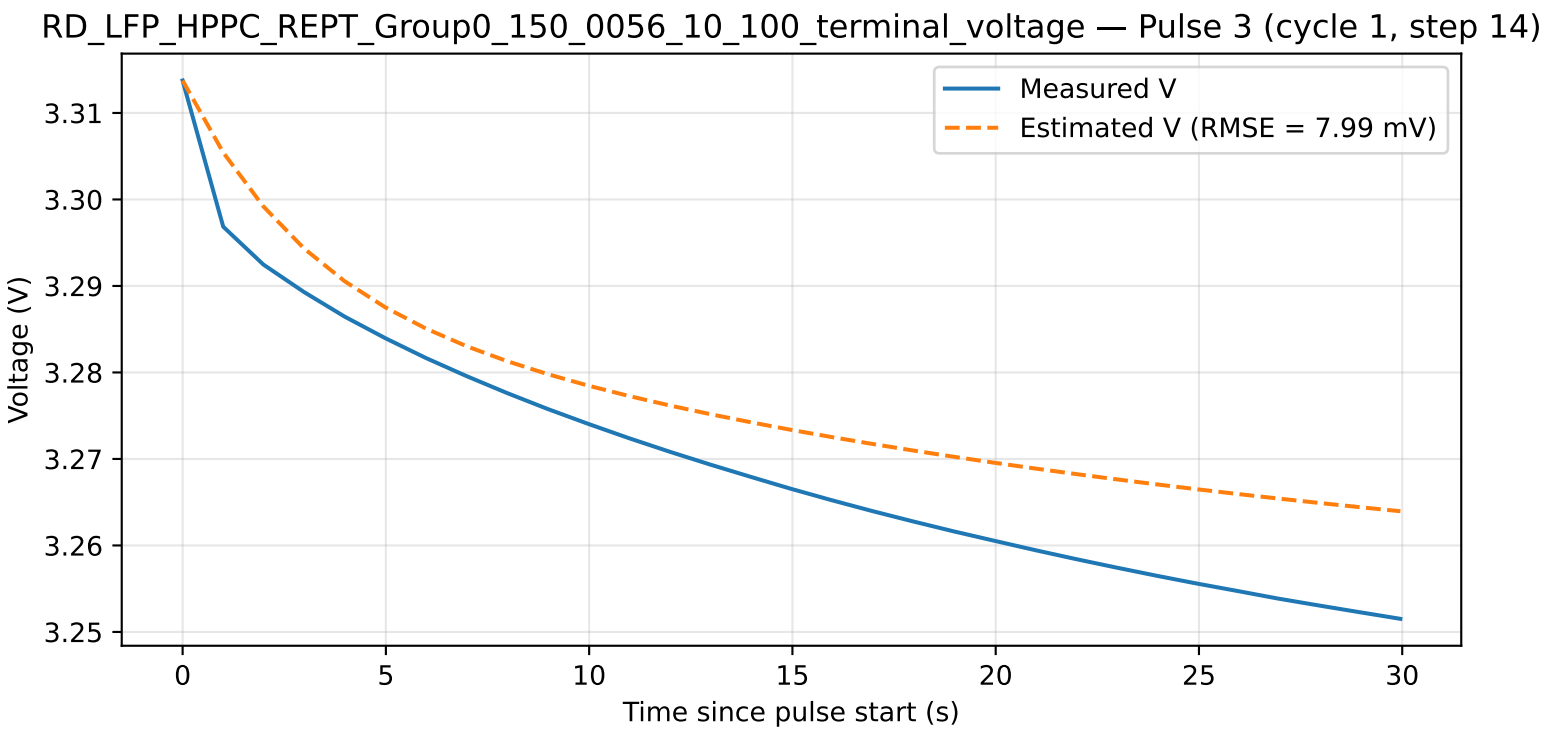

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 8.22 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

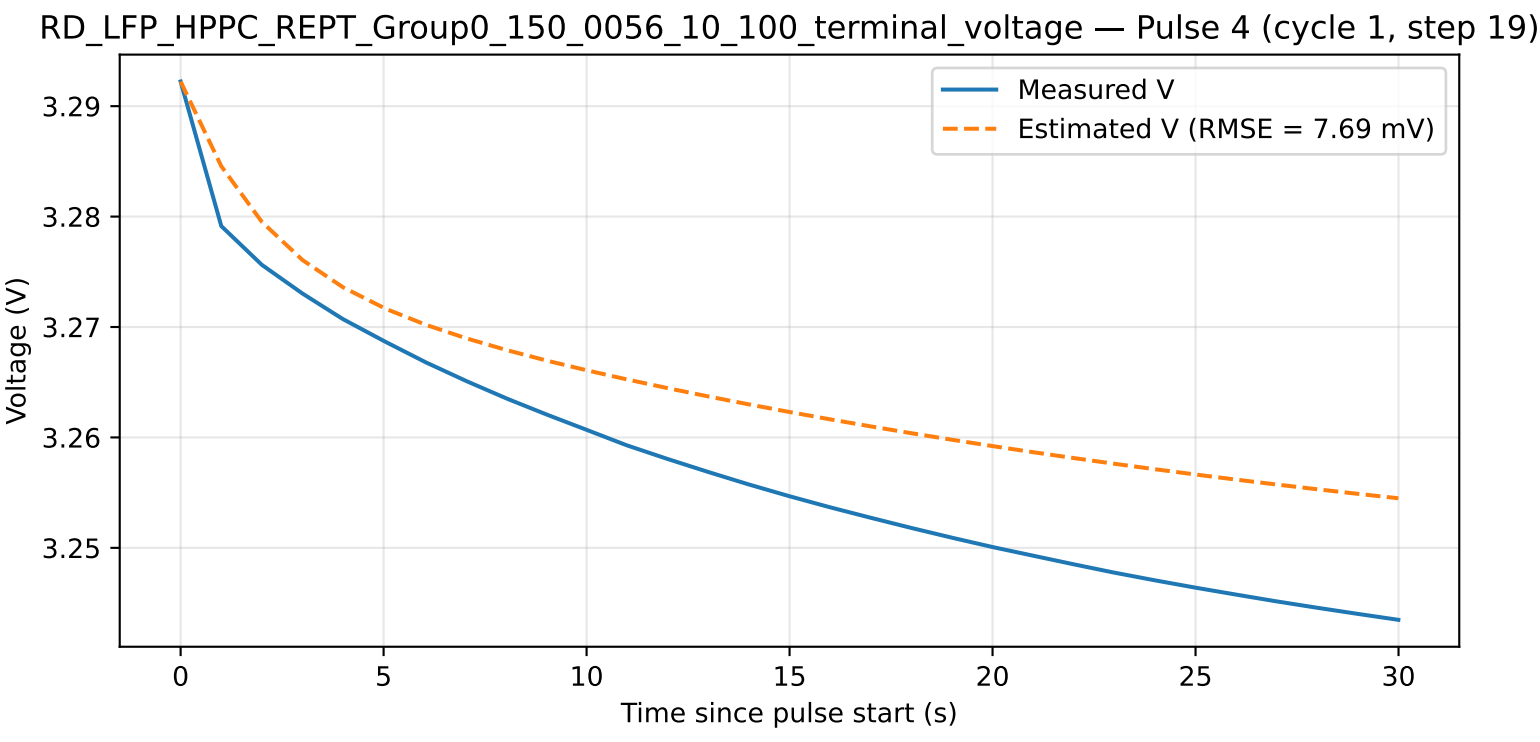

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 13.84 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

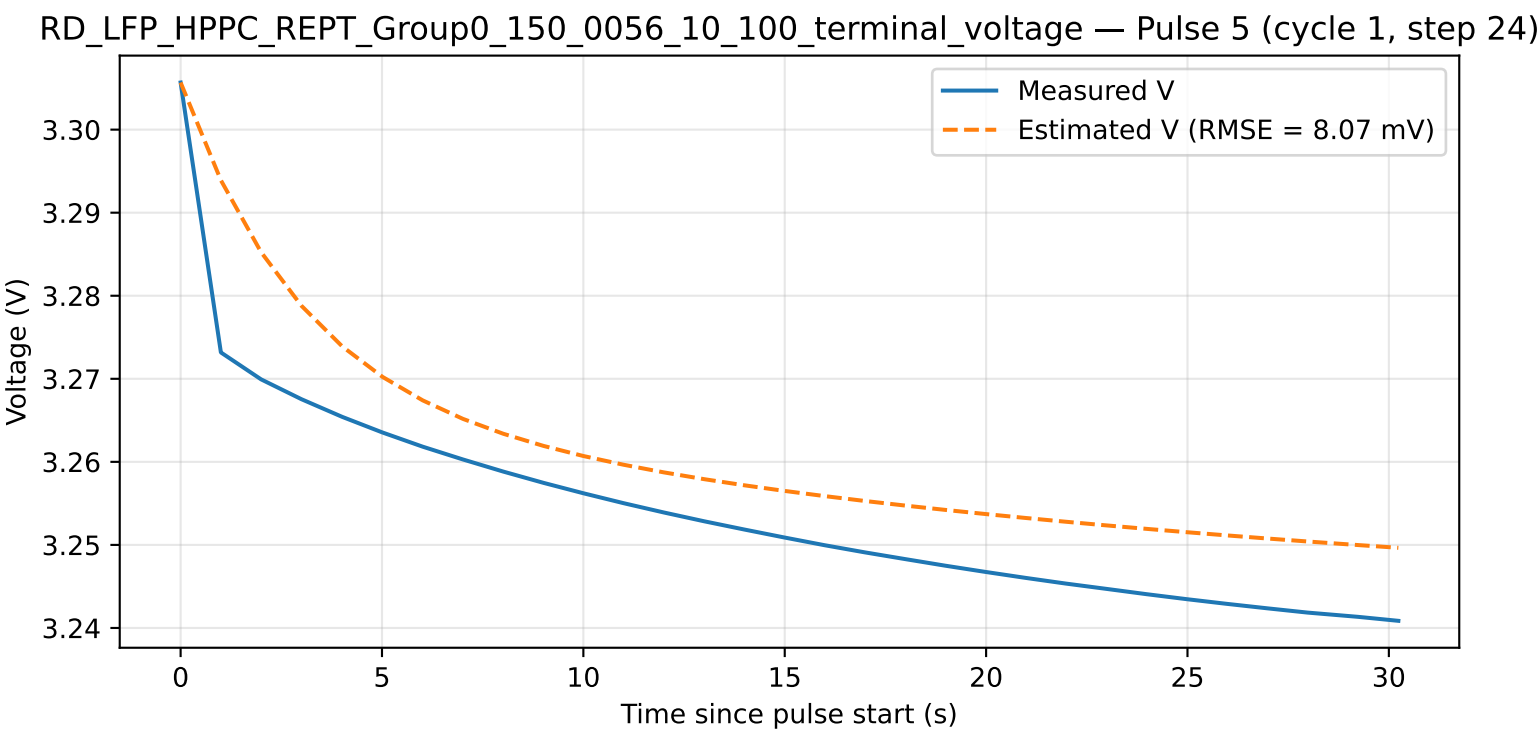

RD_LFP_HPPC_REPT_Group0_150_0049_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 9.90 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

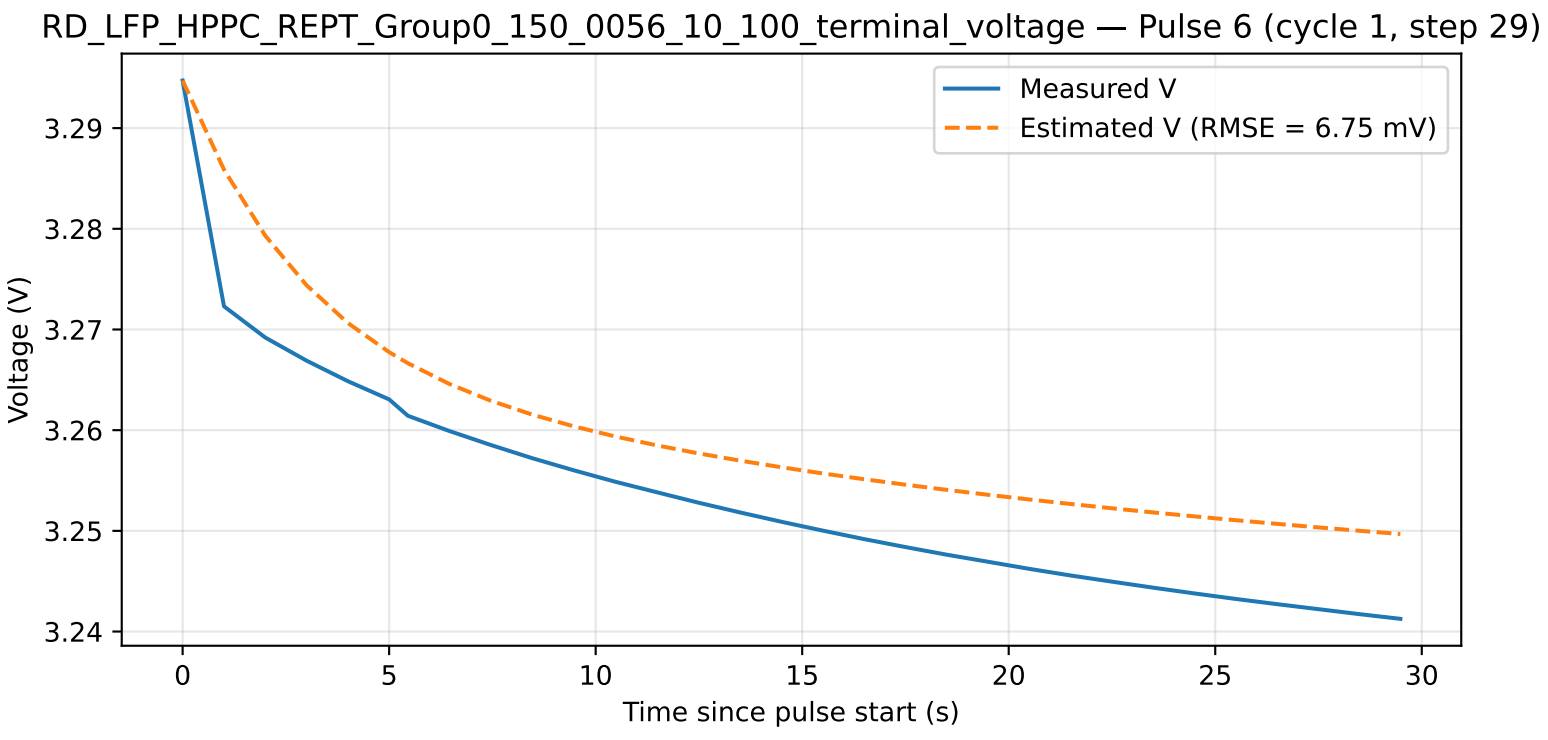

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 17.83 mV)
Voltage (V)
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

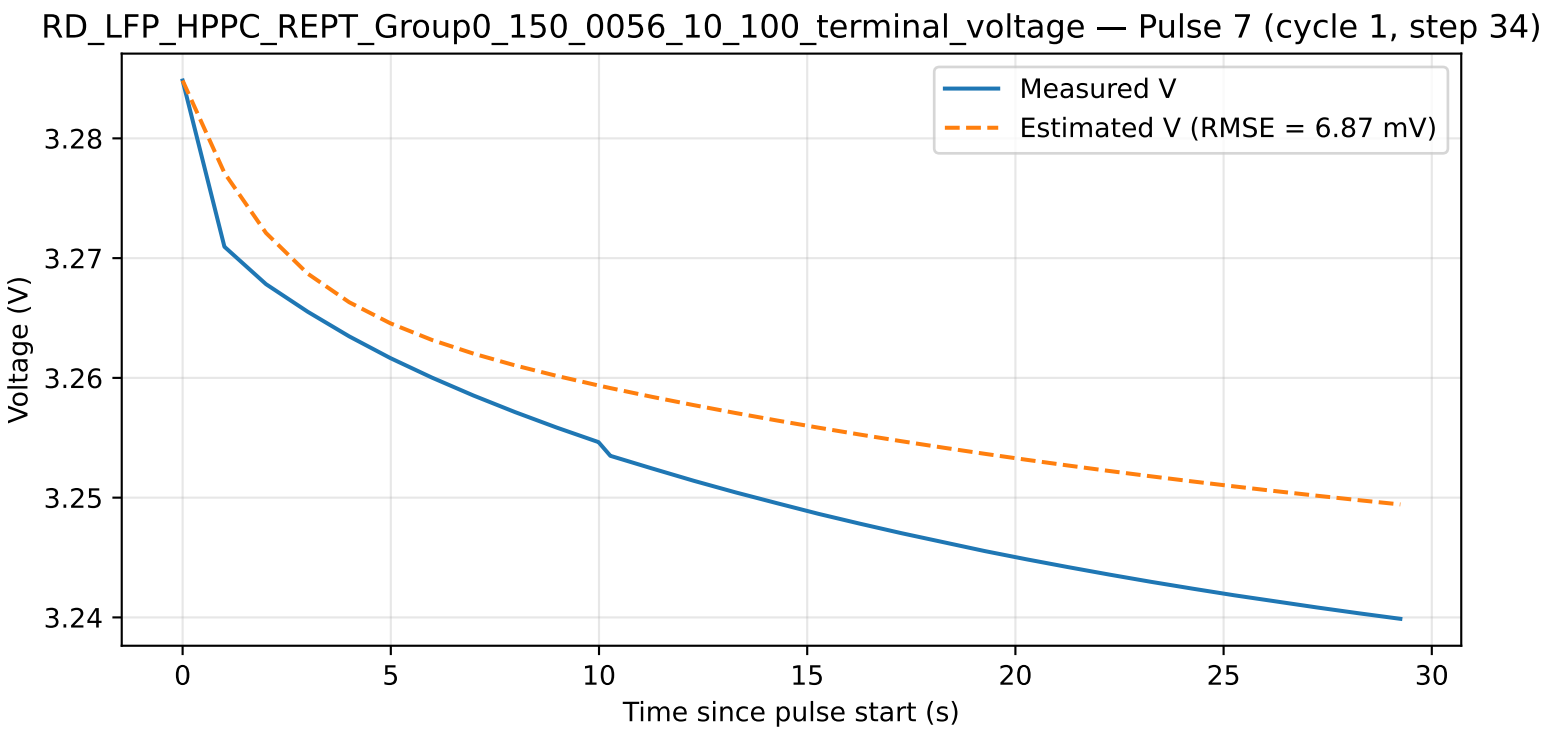

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.20 mV)
Voltage (V)
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

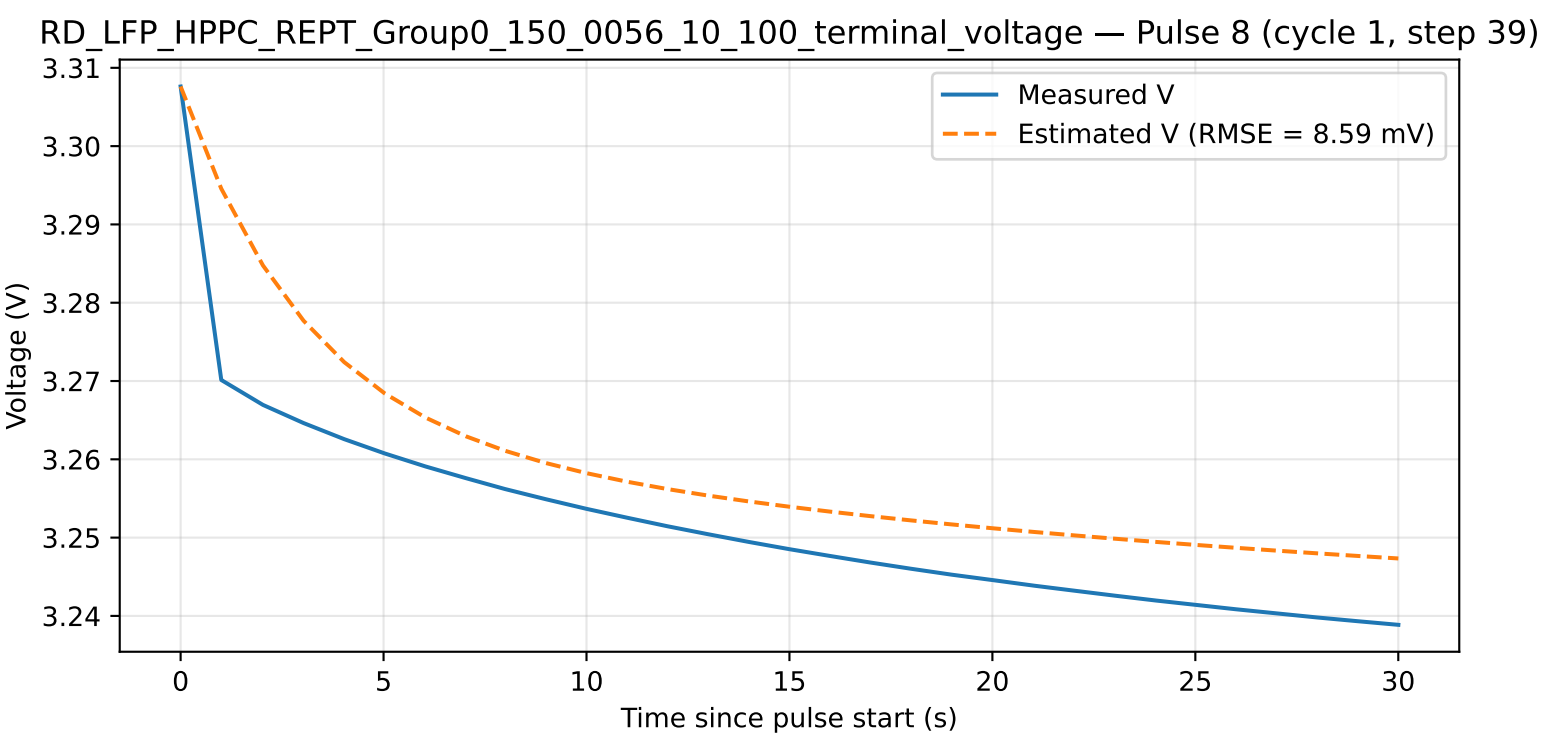

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.99 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

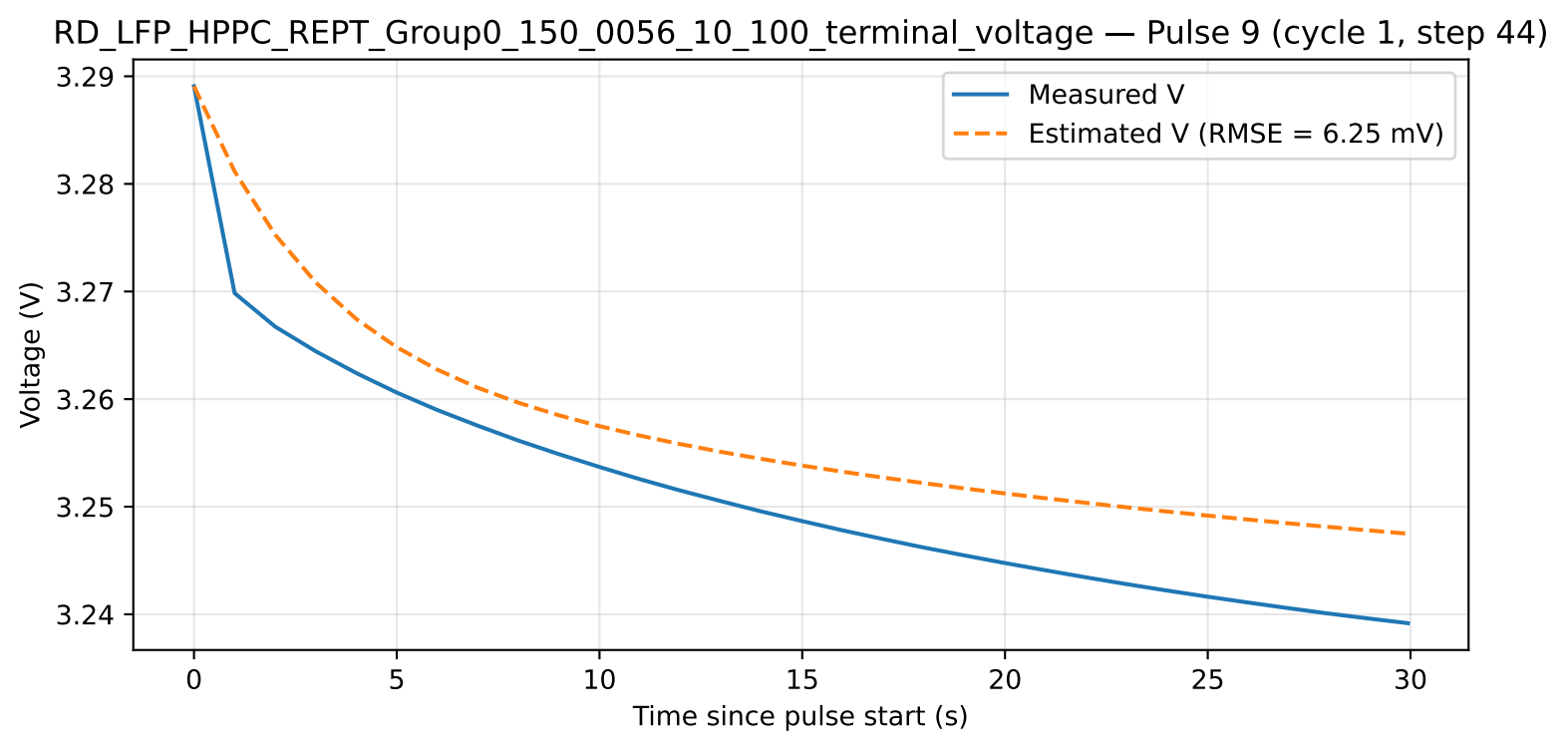

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.69 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

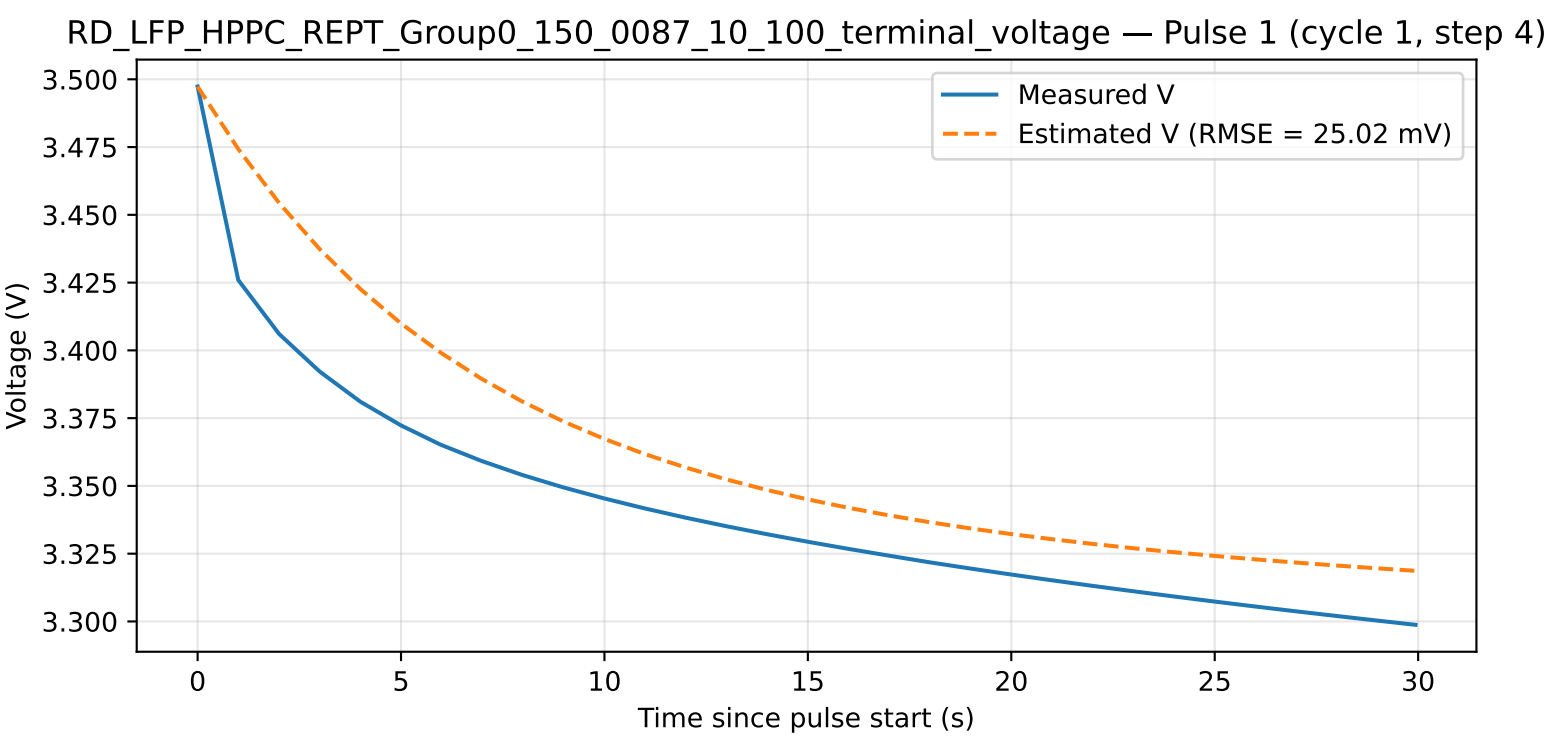

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 8.07 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

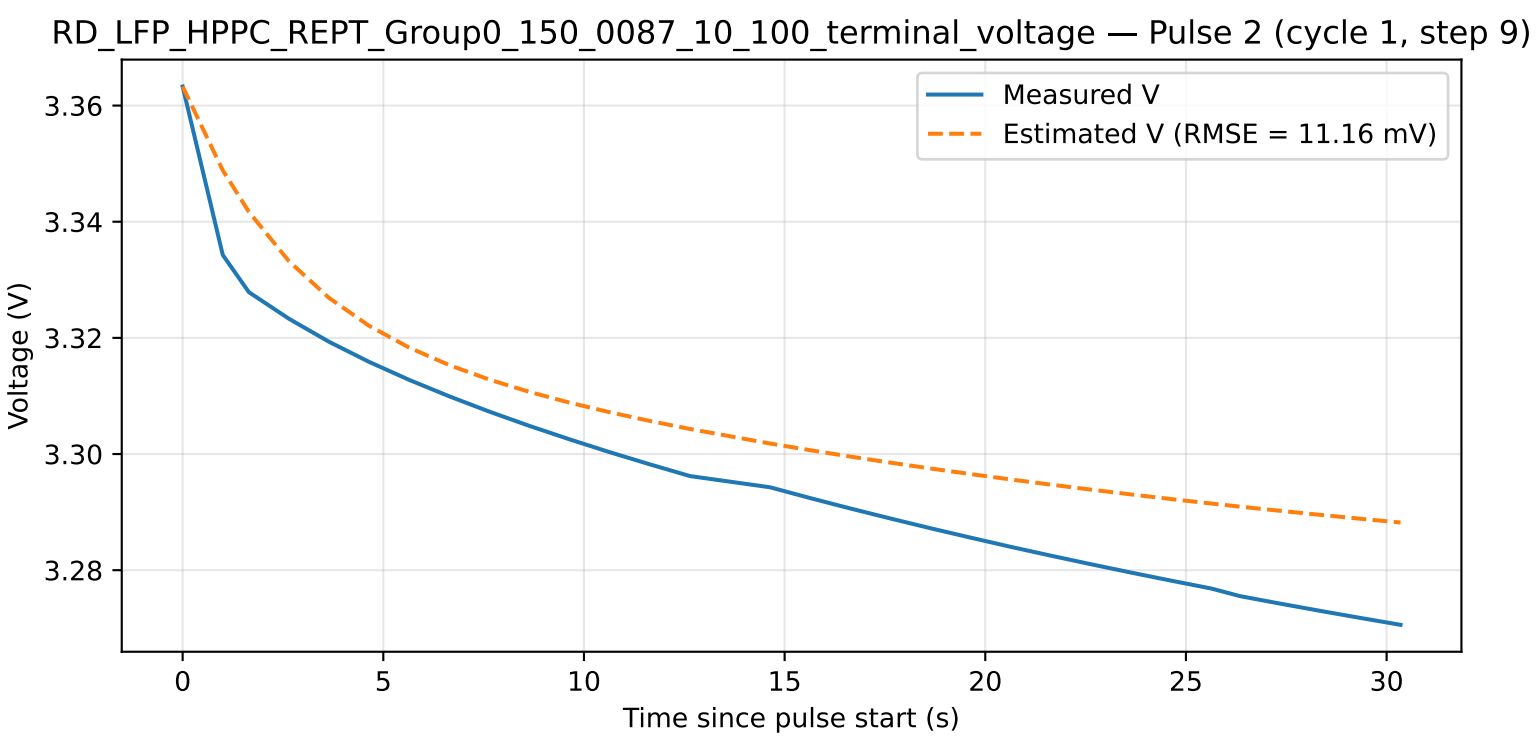

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.75 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

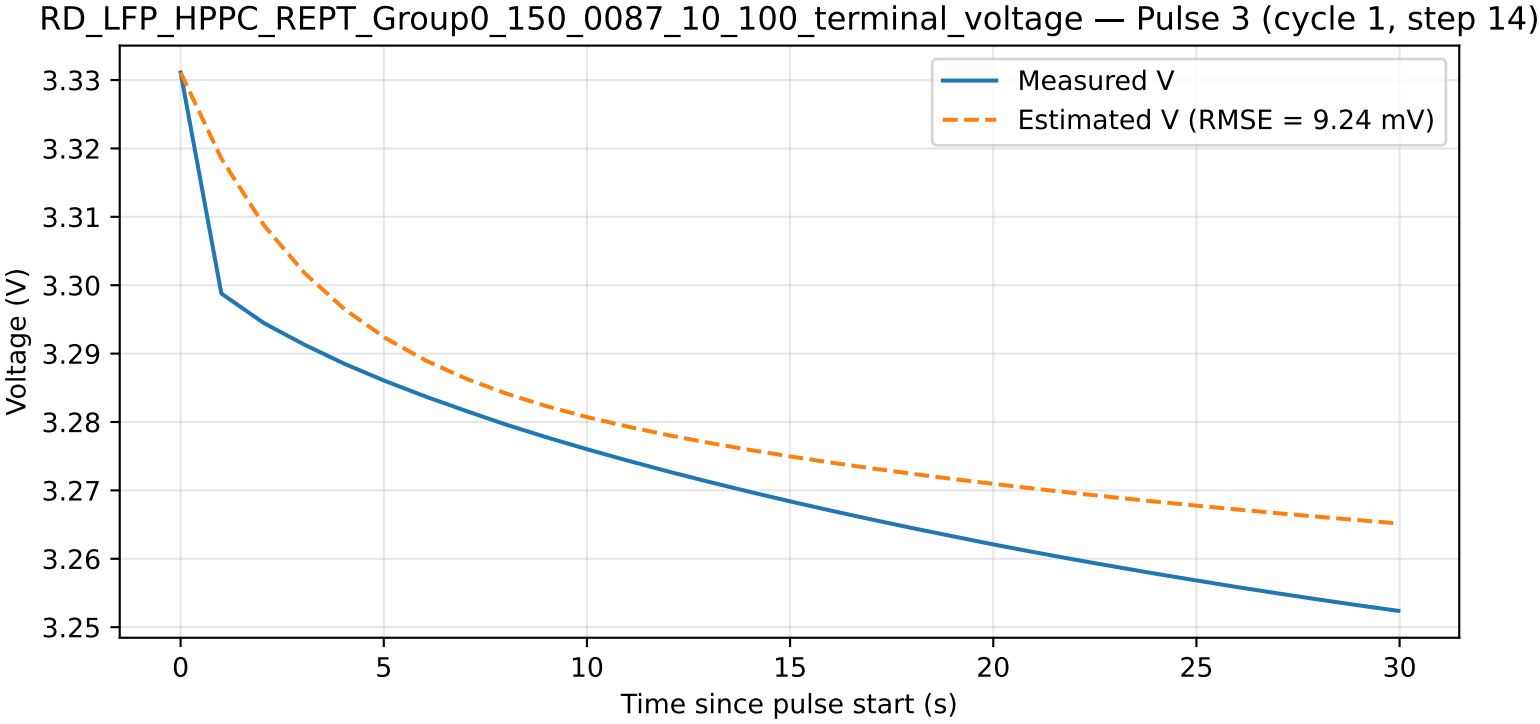

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.87 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

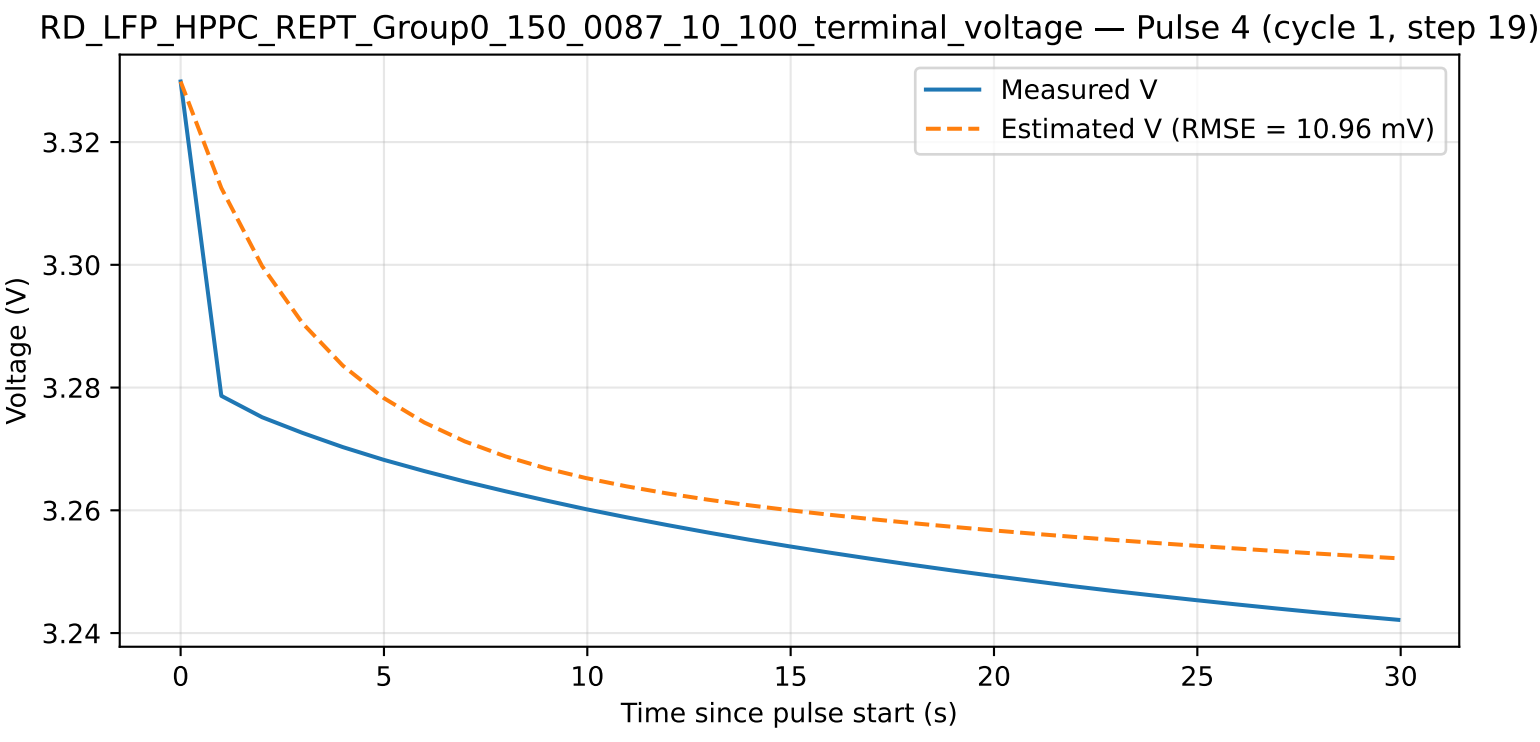

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 8.59 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

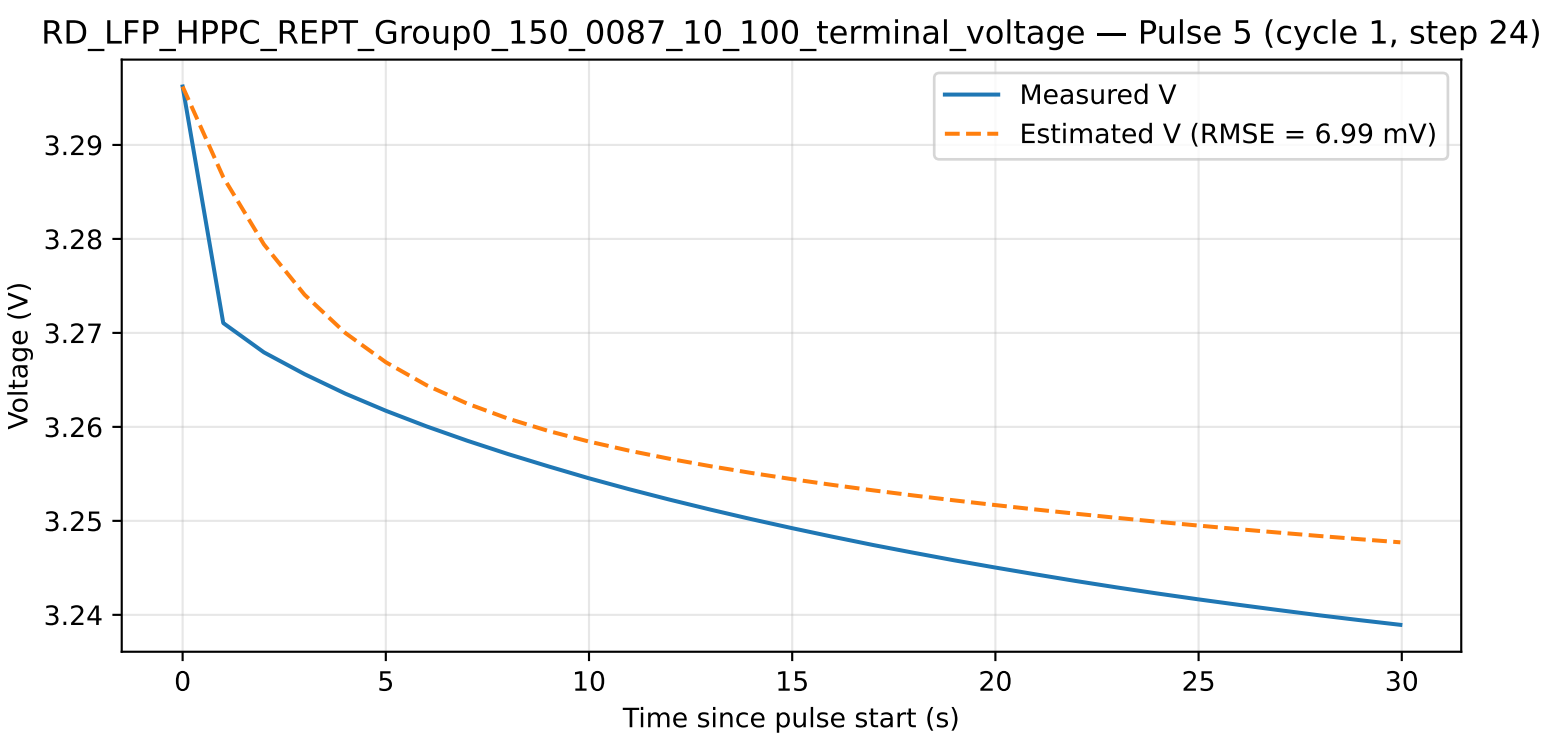

RD_LFP_HPPC_REPT_Group0_150_0056_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.25 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

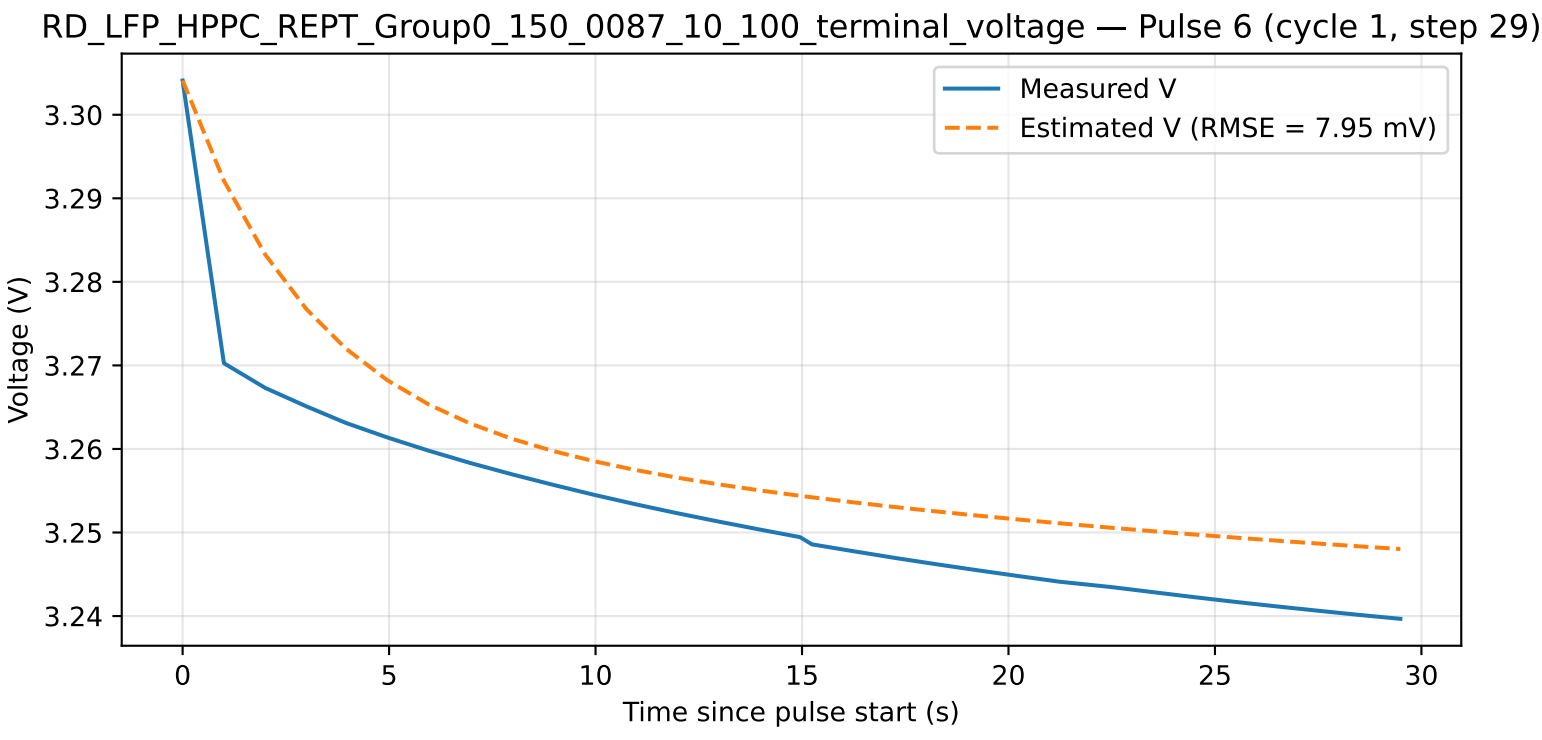

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 25.02 mV)
Voltage (V)
3.500
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

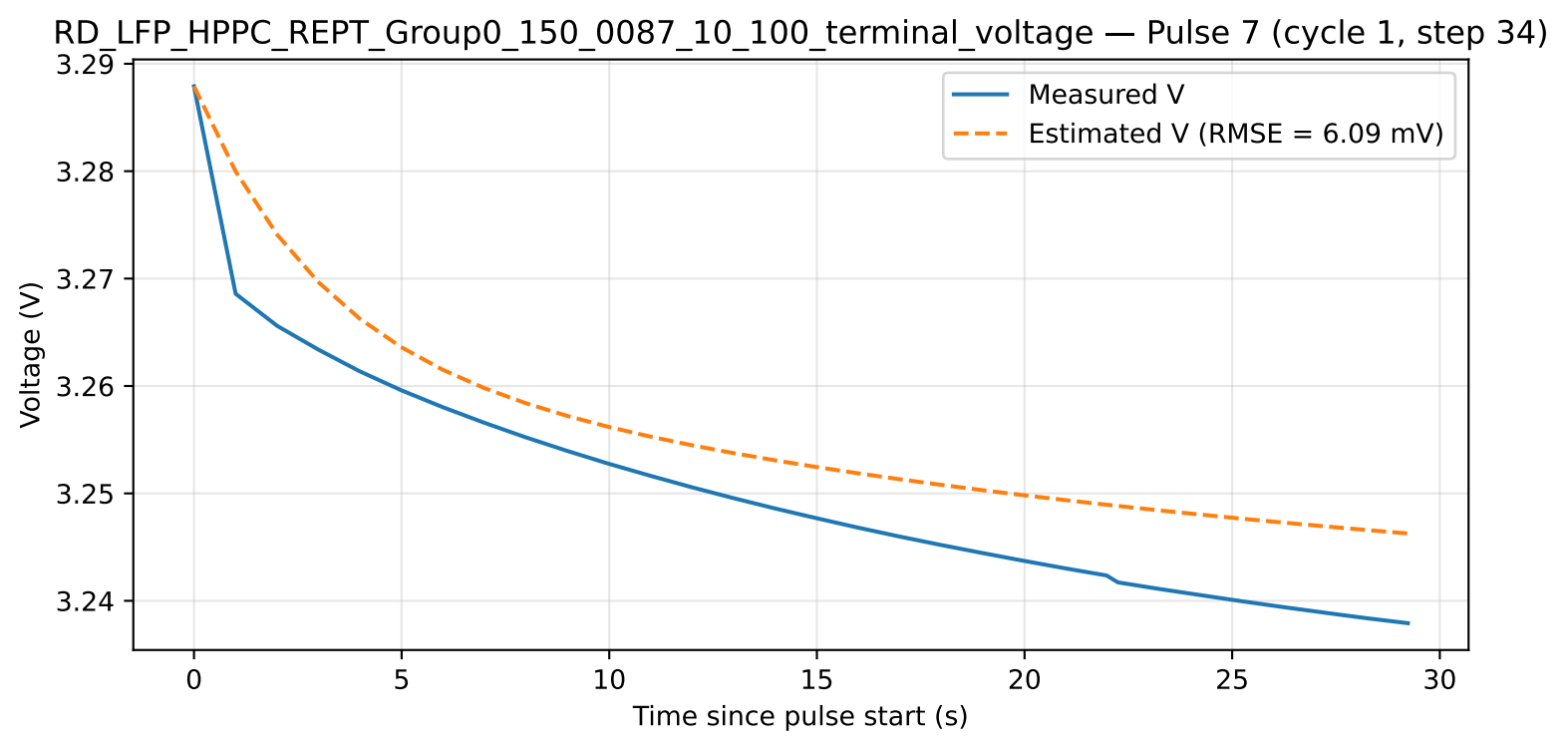

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.16 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

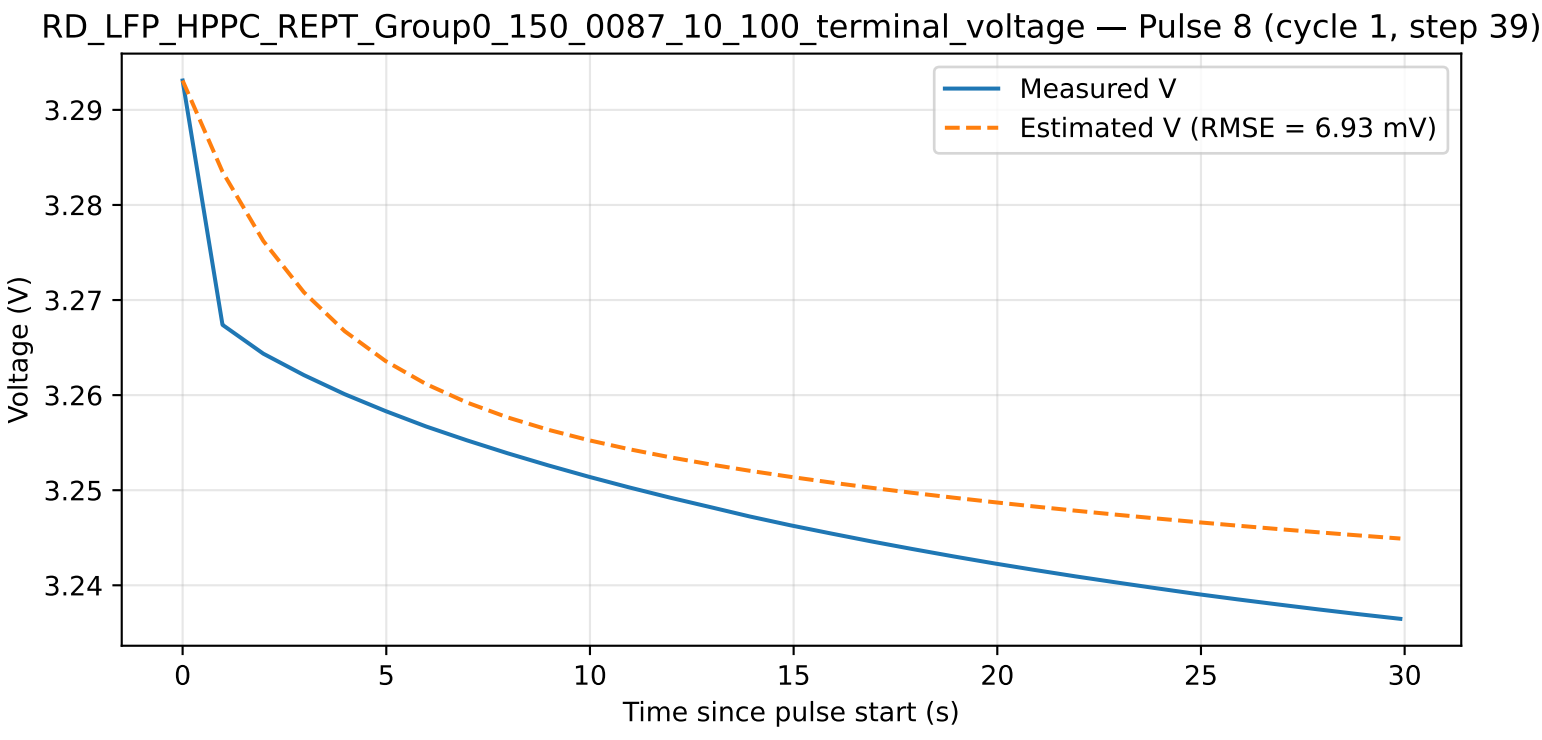

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 9.24 mV)
Voltage (V)
3.33
3.32
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

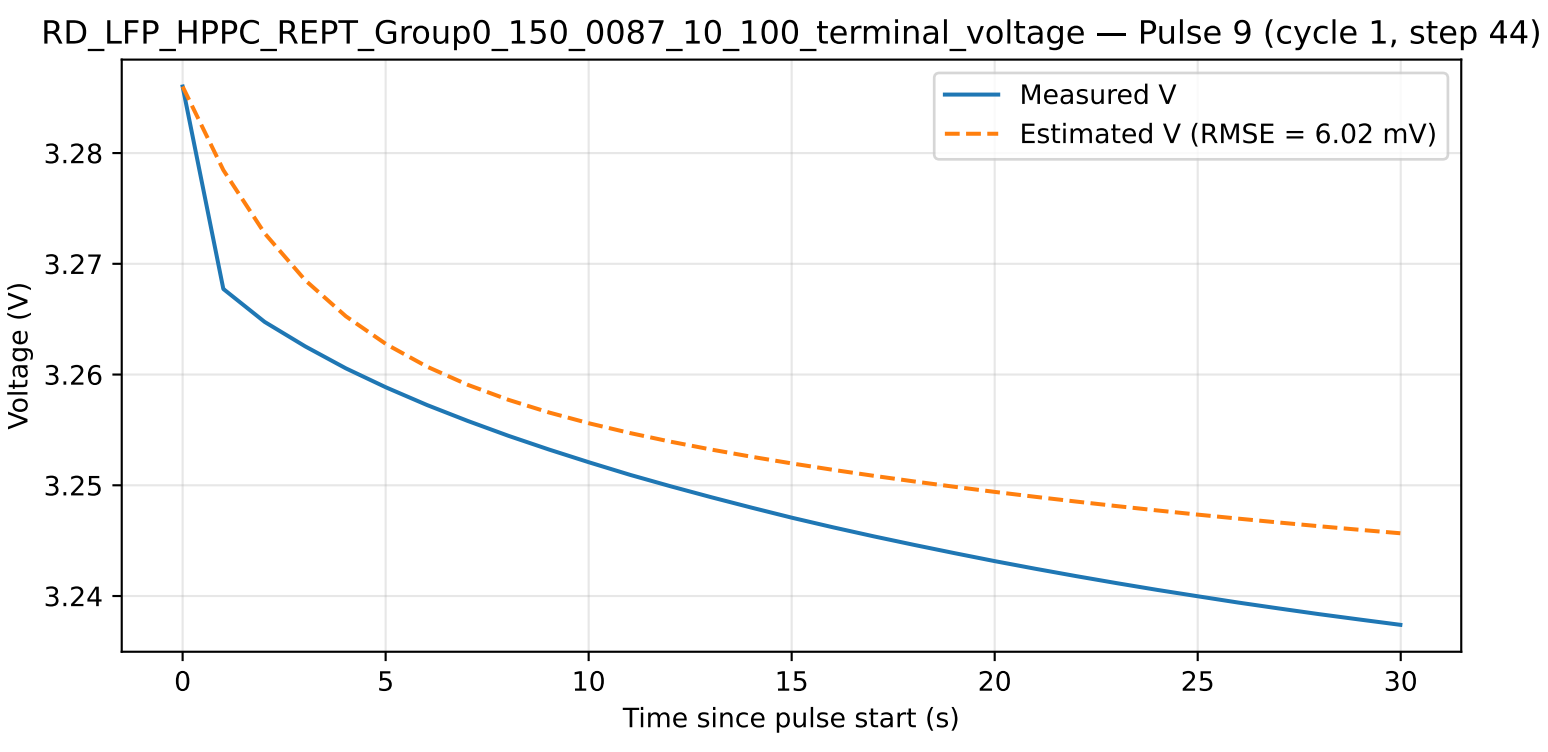

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 10.96 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

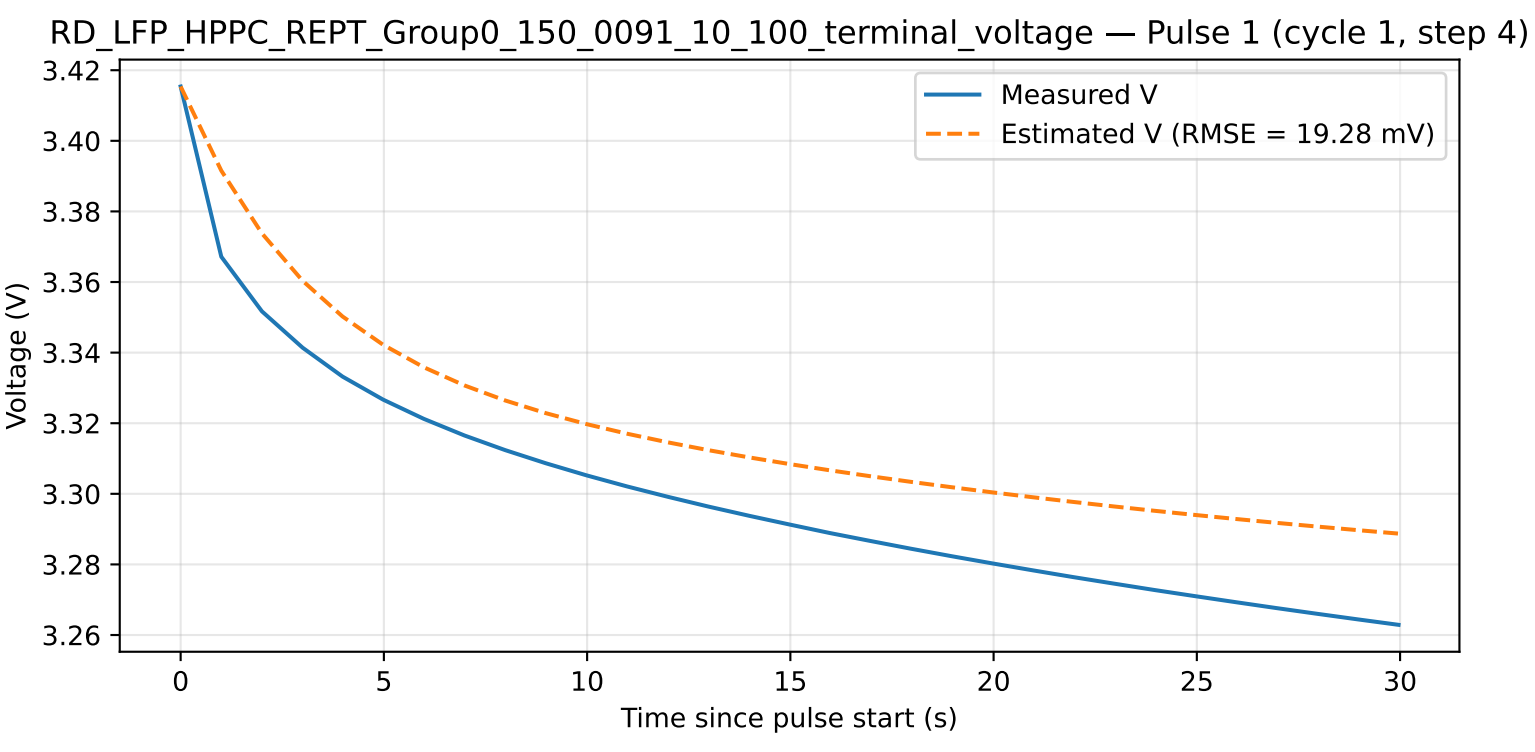

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 6.99 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

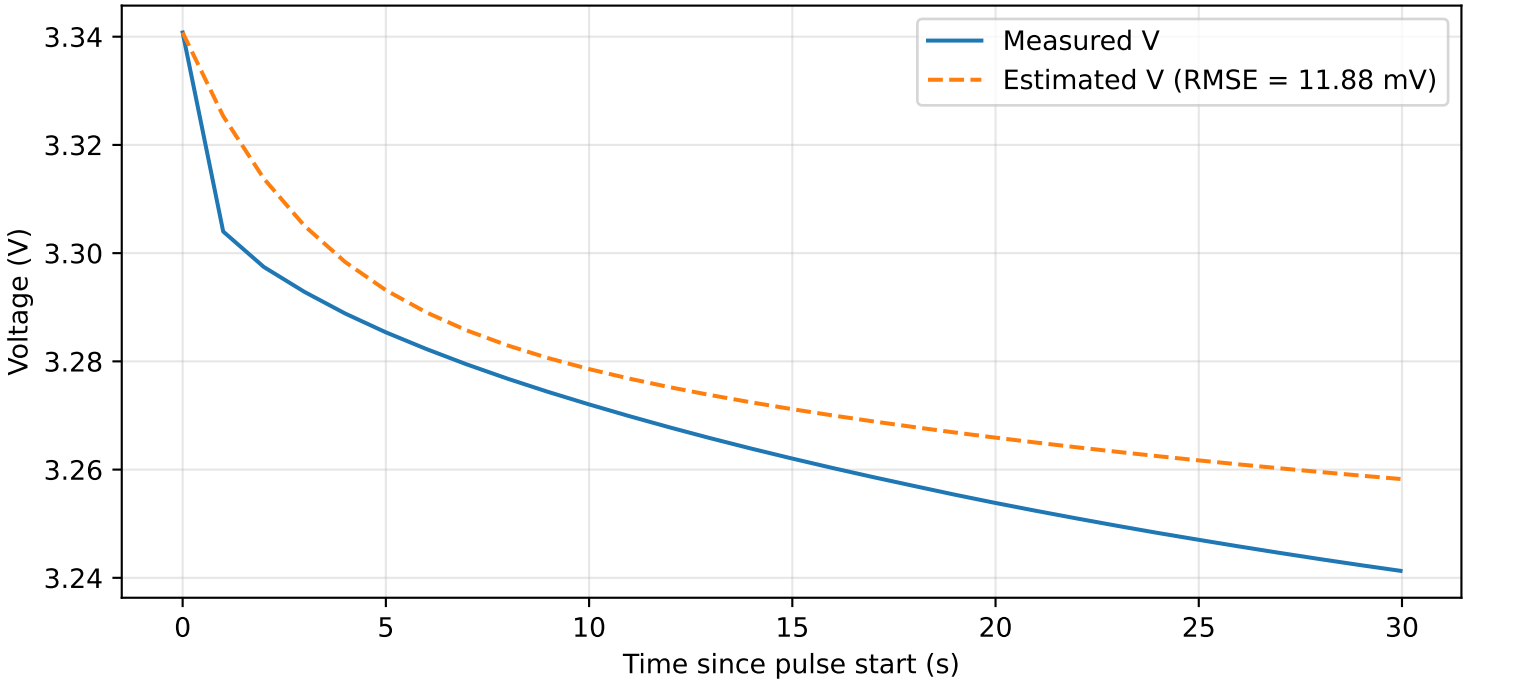

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.95 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

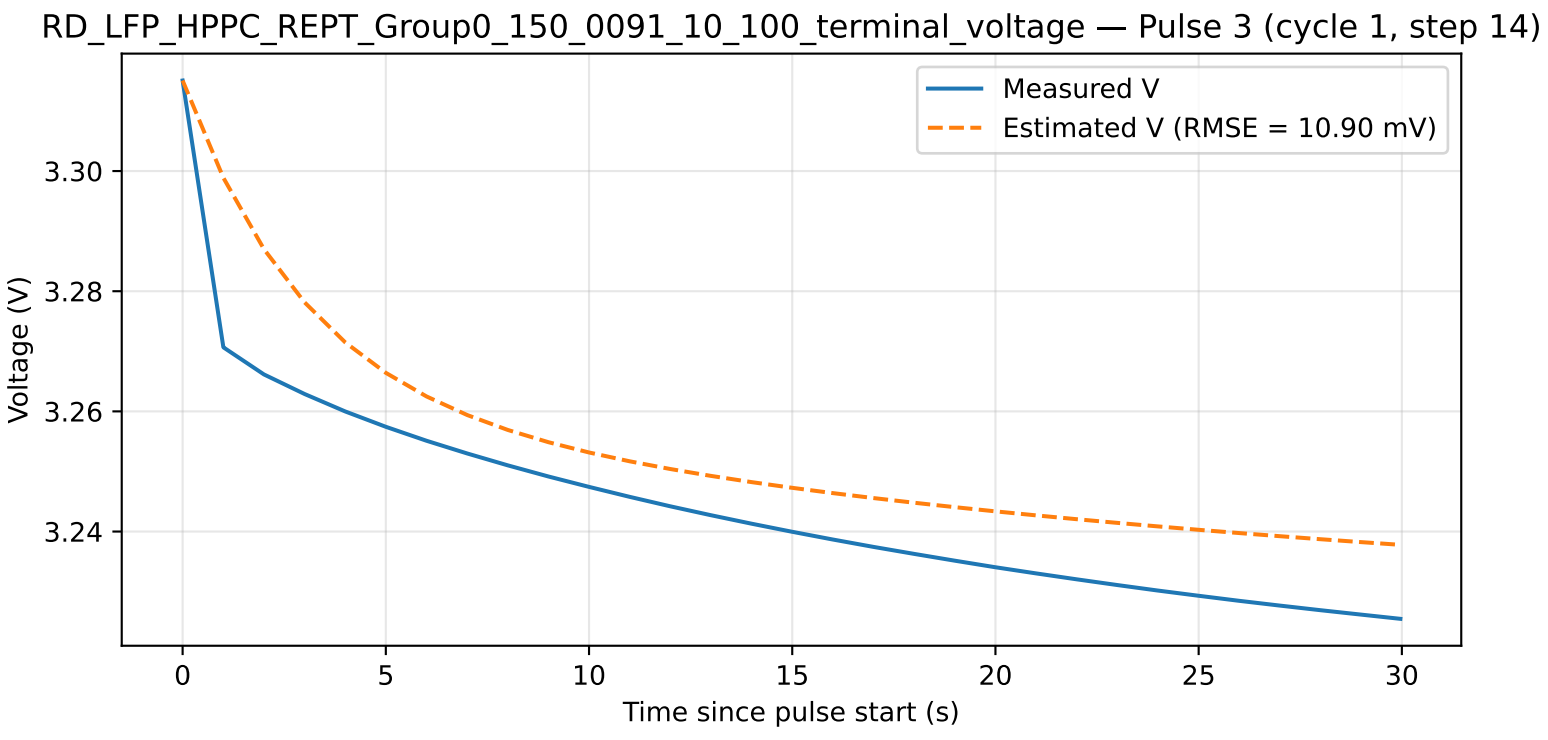

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.09 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

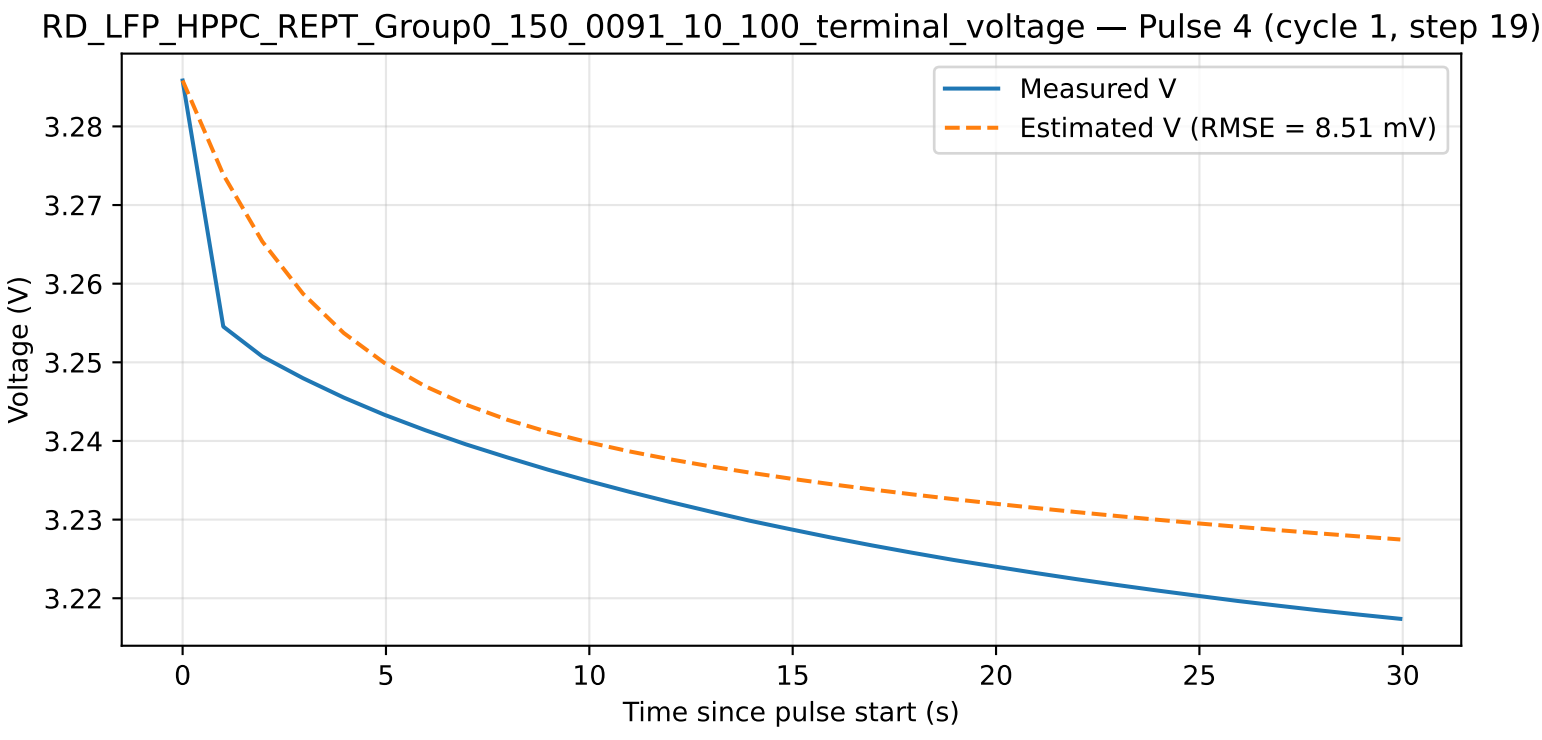

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.93 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

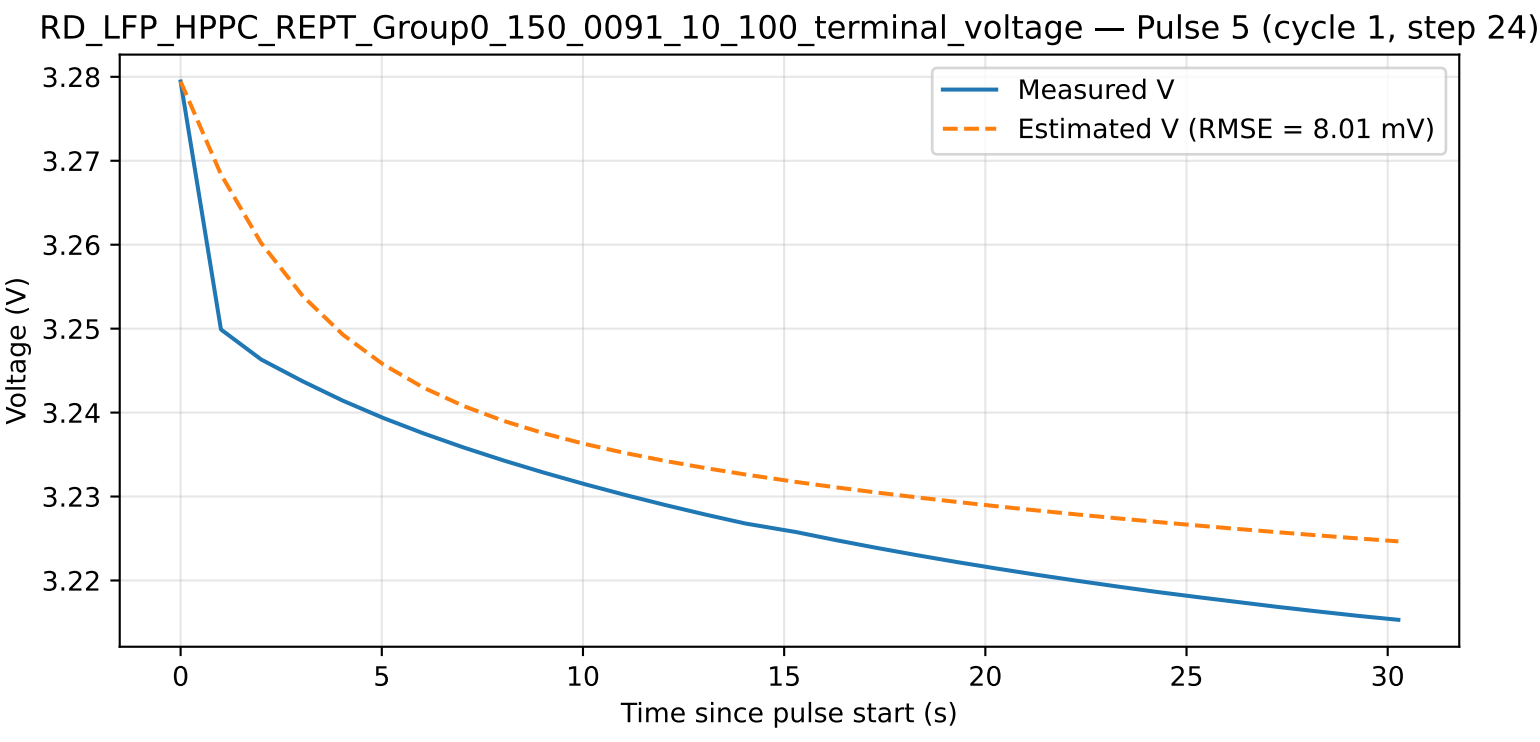

RD_LFP_HPPC_REPT_Group0_150_0087_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.02 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

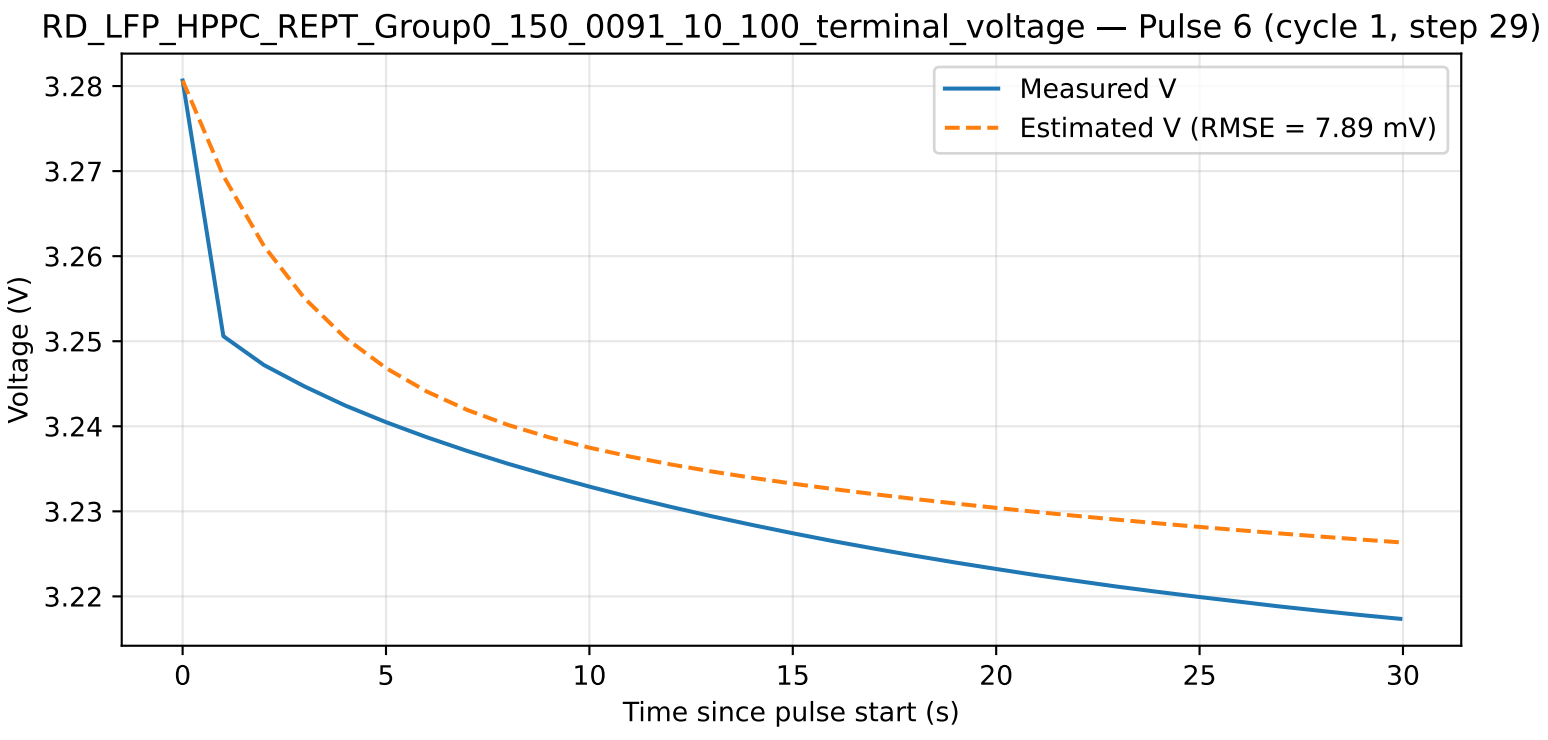

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 19.28 mV)
Voltage (V)
Time since pulse start (s)
3.42
3.40
3.38
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30

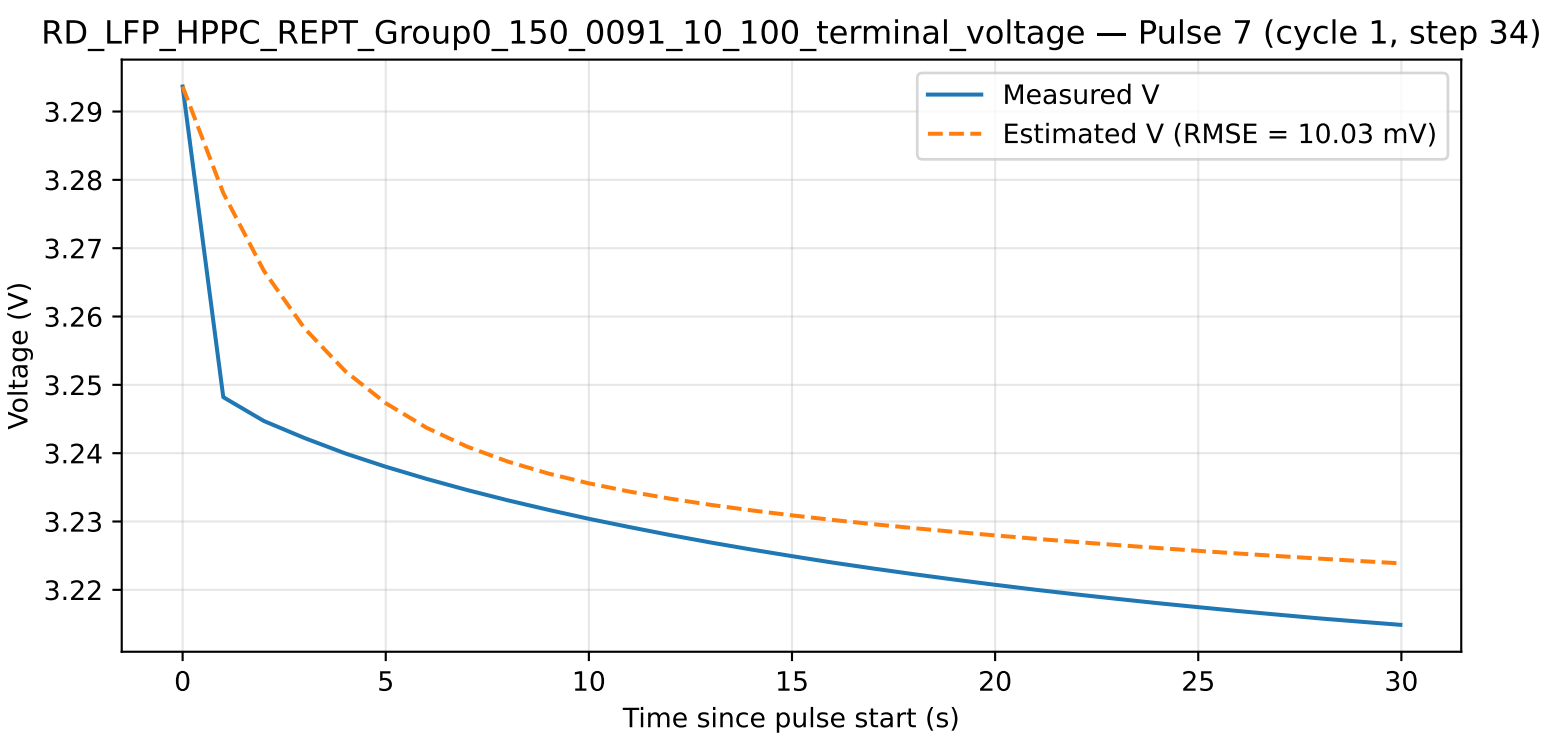

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.88 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

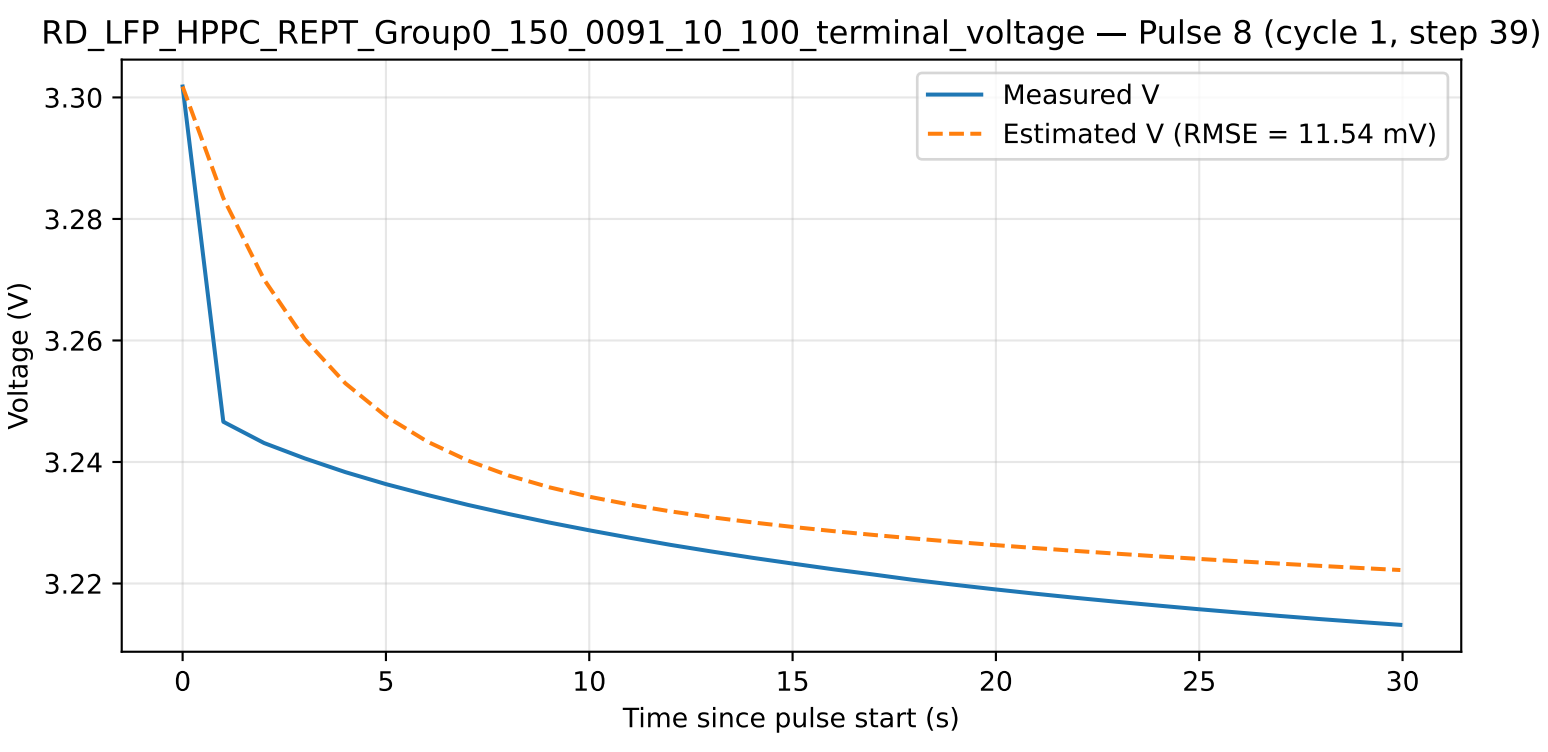

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 10.90 mV)
Voltage (V)
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

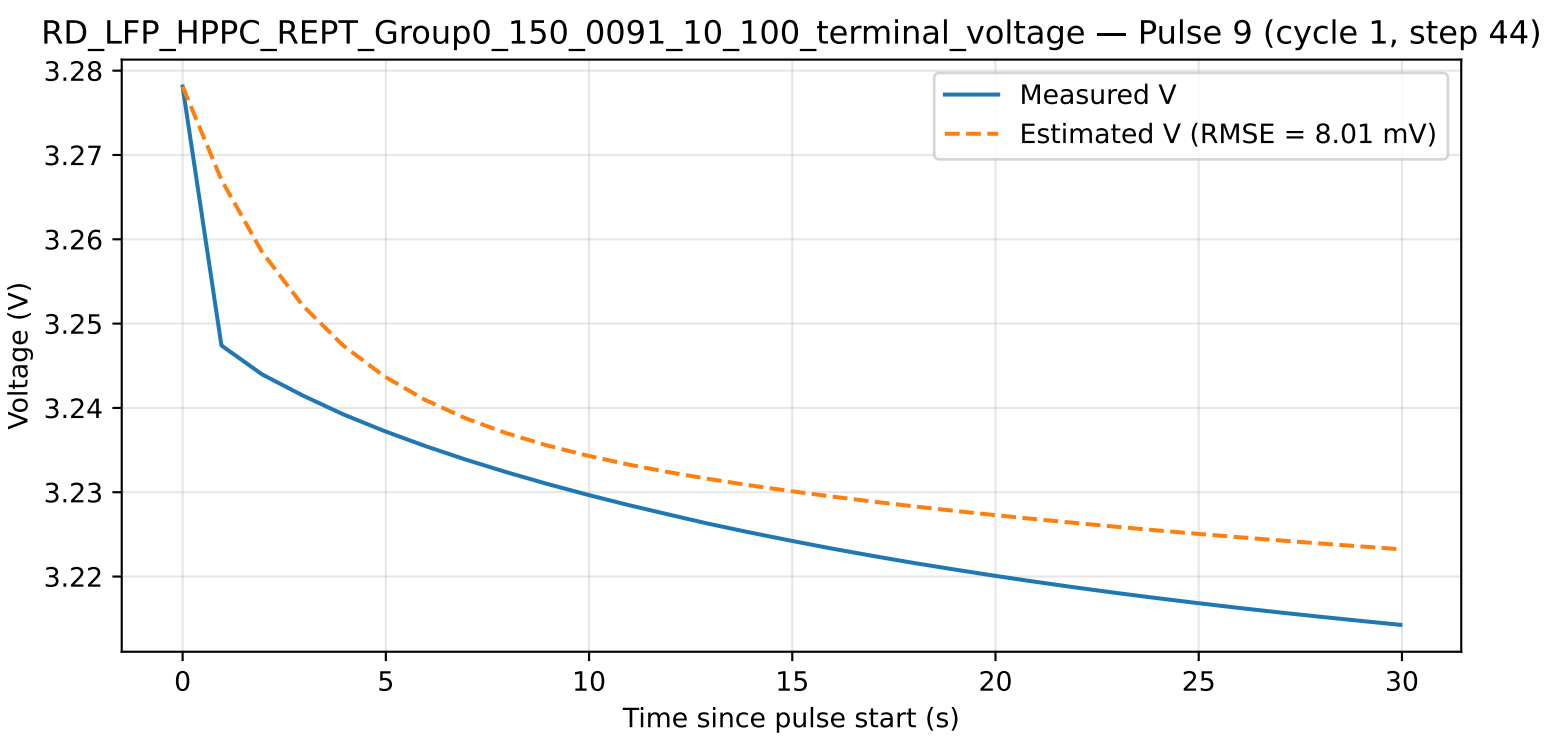

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.51 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

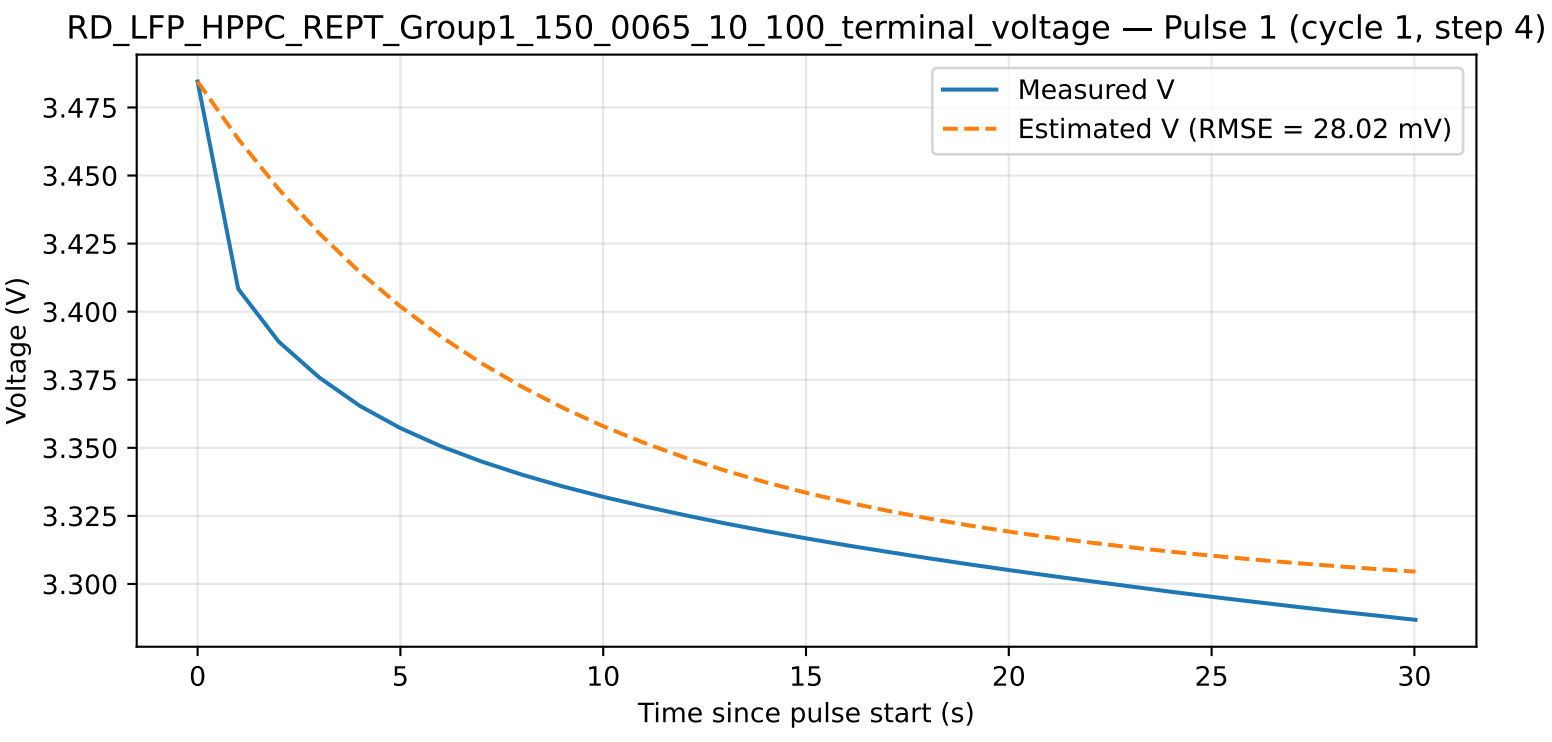

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 8.01 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

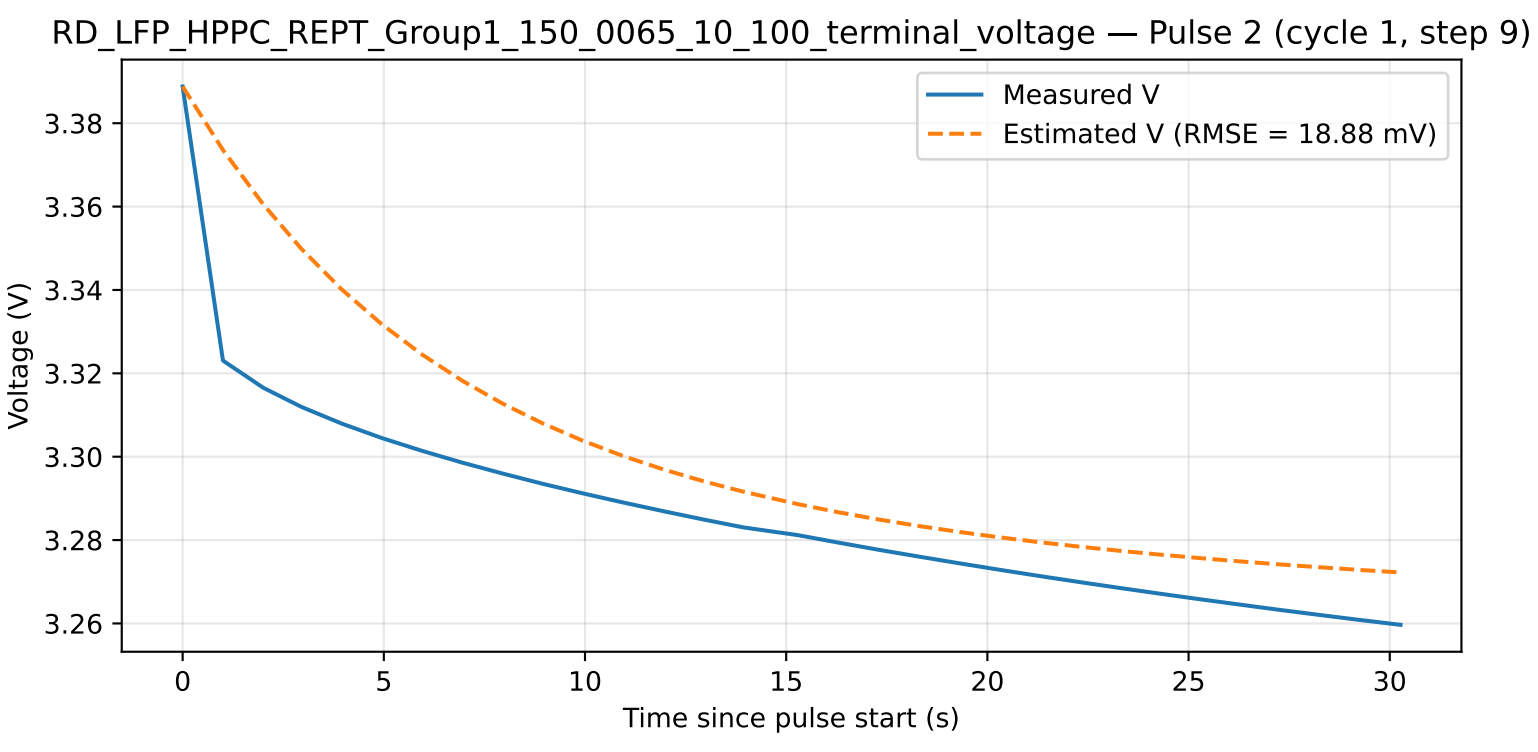

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.89 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

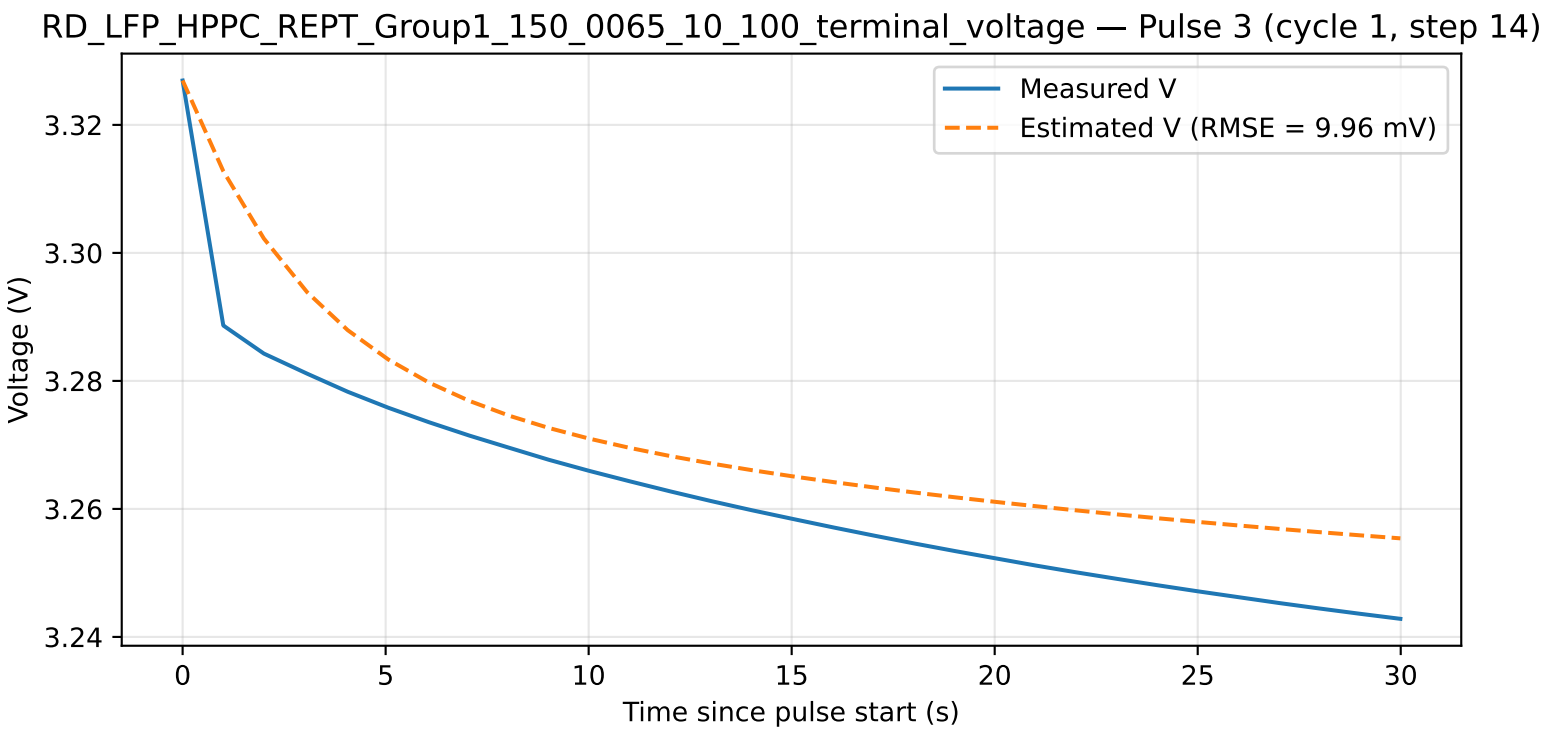

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 10.03 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

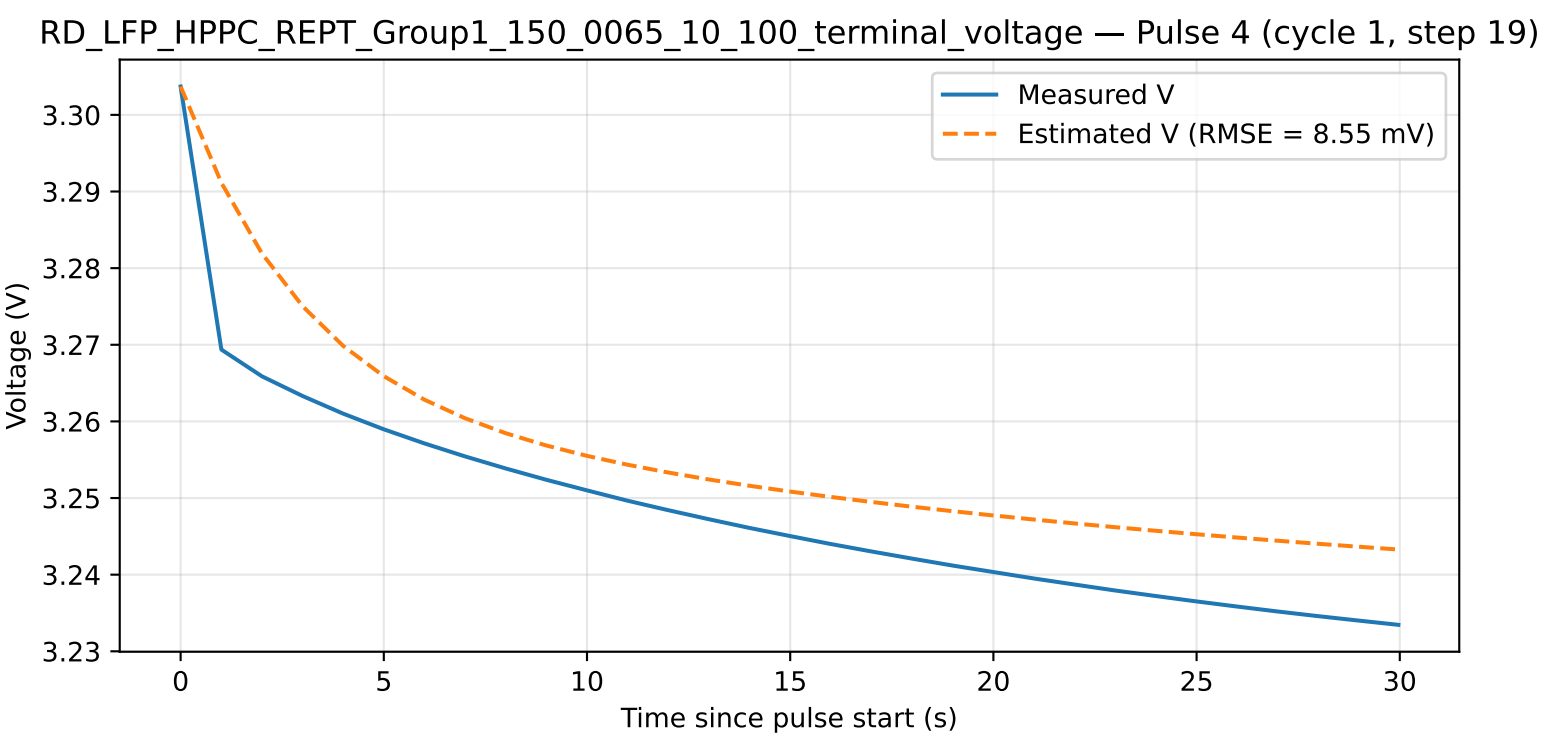

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 11.54 mV)
Voltage (V)
3.30
3.28
3.26
3.24
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

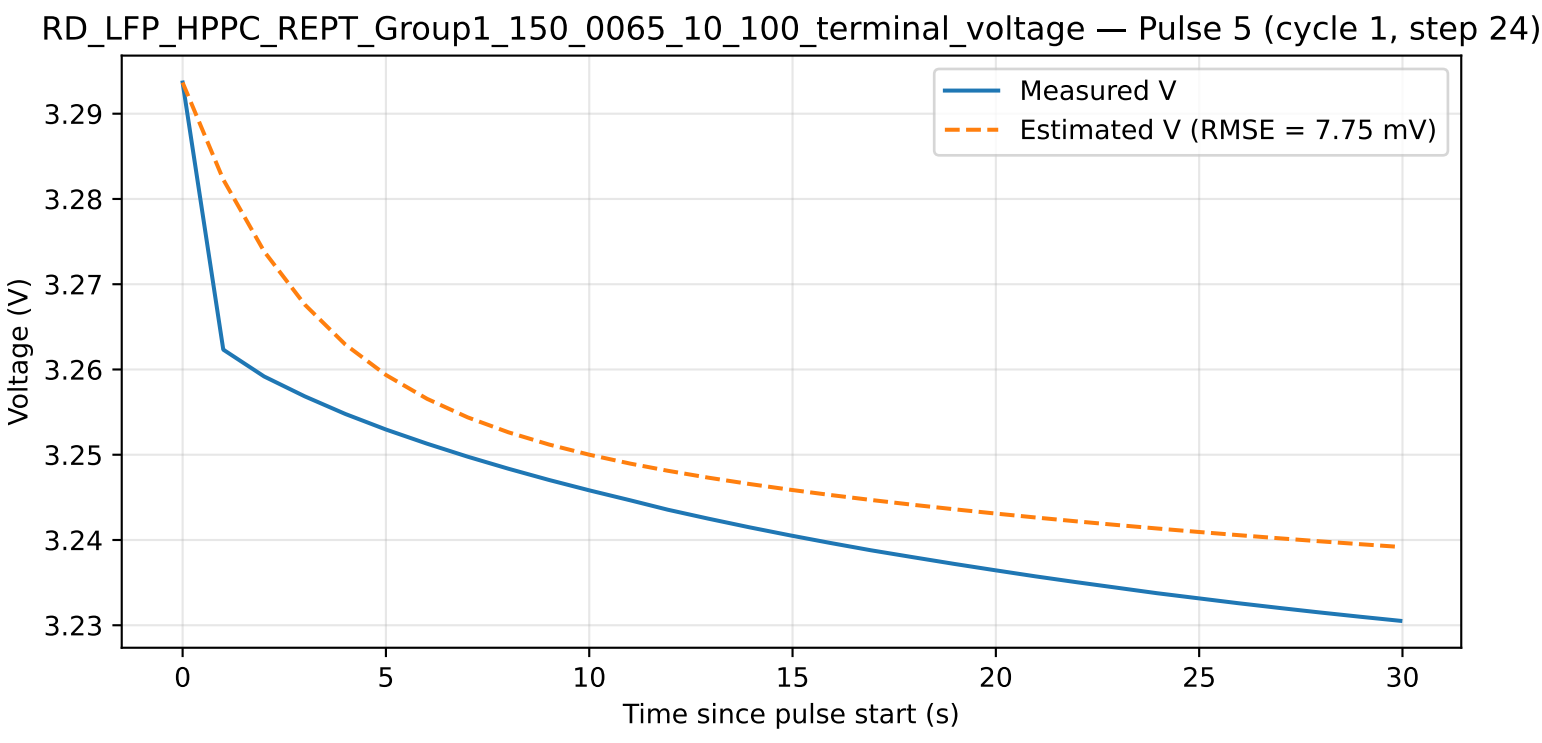

RD_LFP_HPPC_REPT_Group0_150_0091_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 8.01 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
3.22
0
5
10
15
20
25
30
Time since pulse start (s)

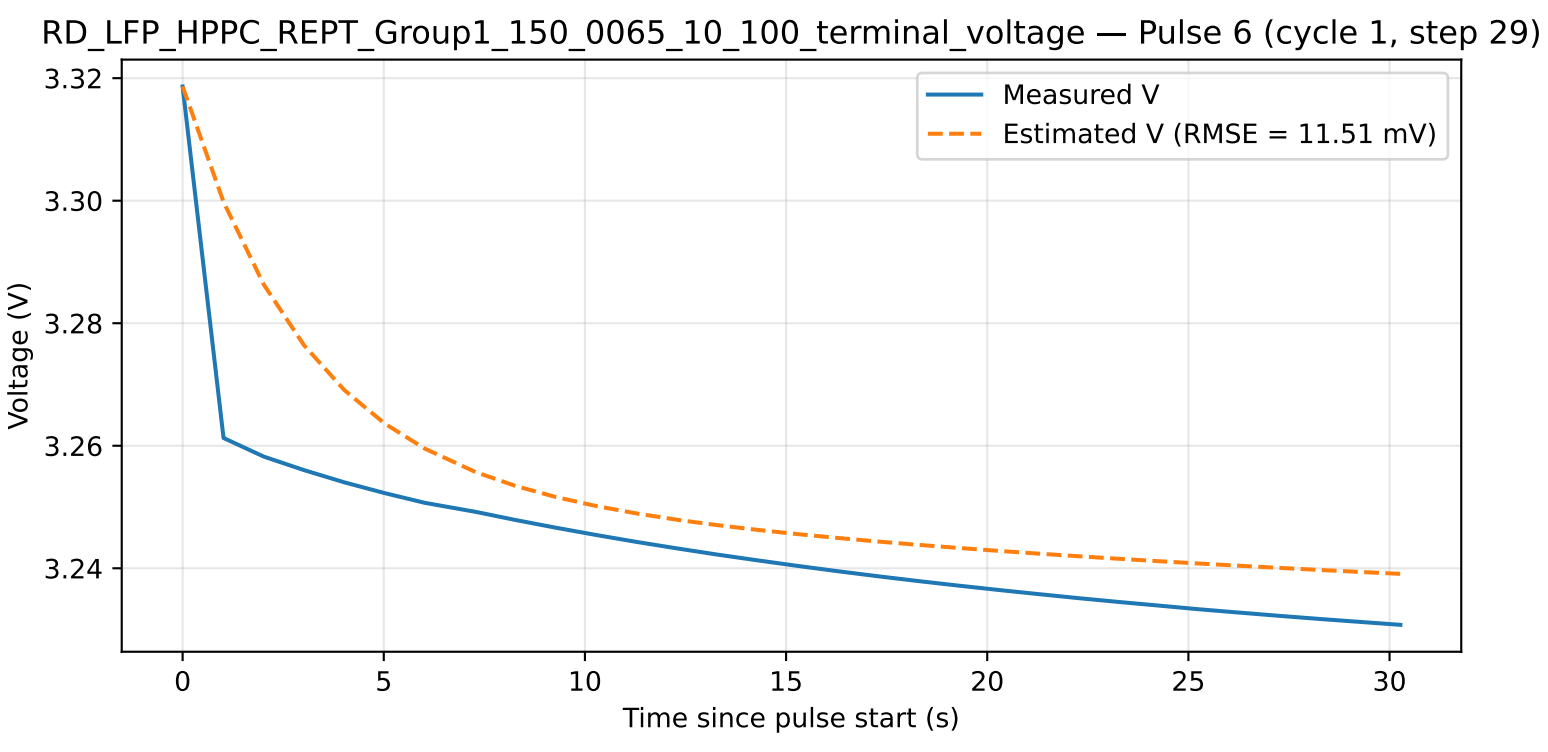

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 28.02 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

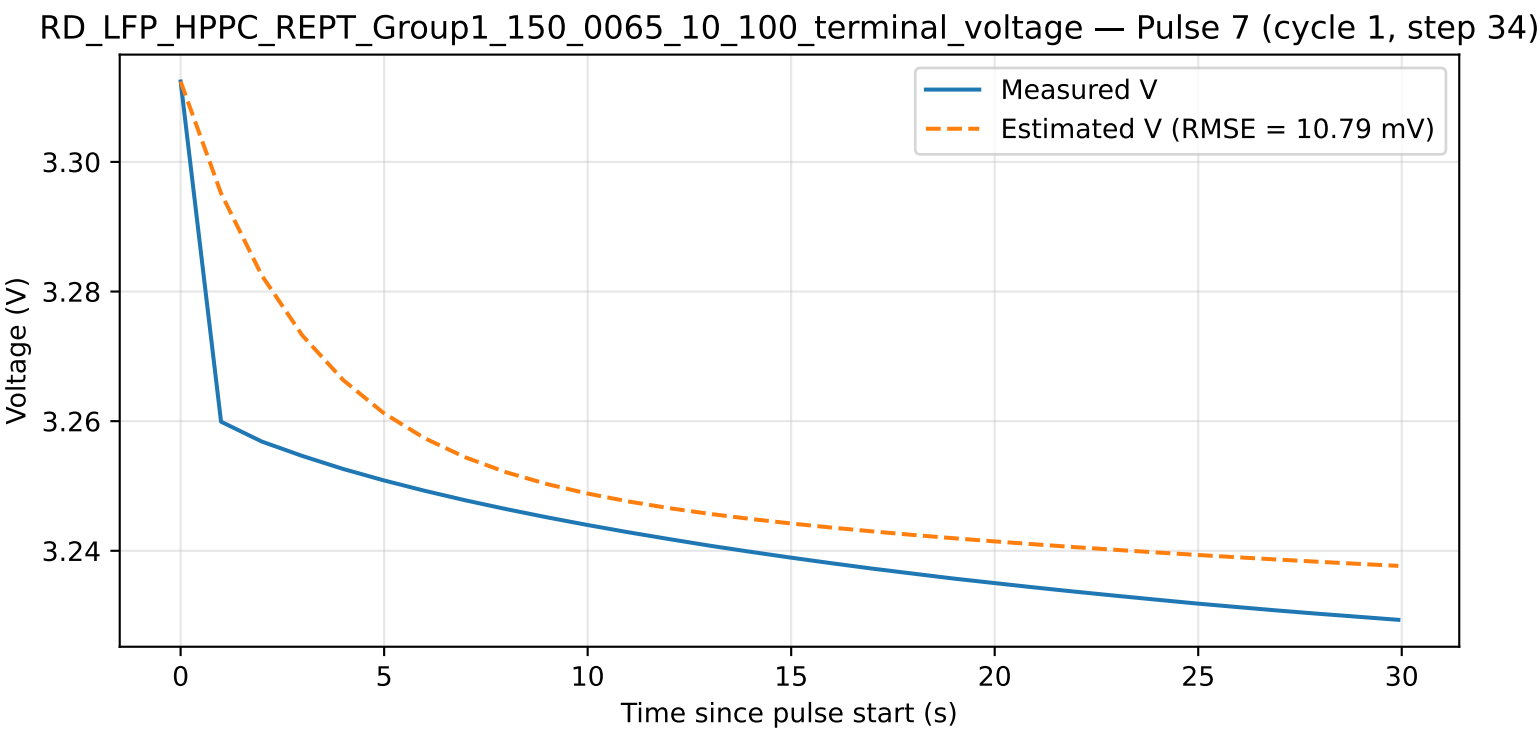

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 18.88 mV)
Voltage (V)
3.38
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

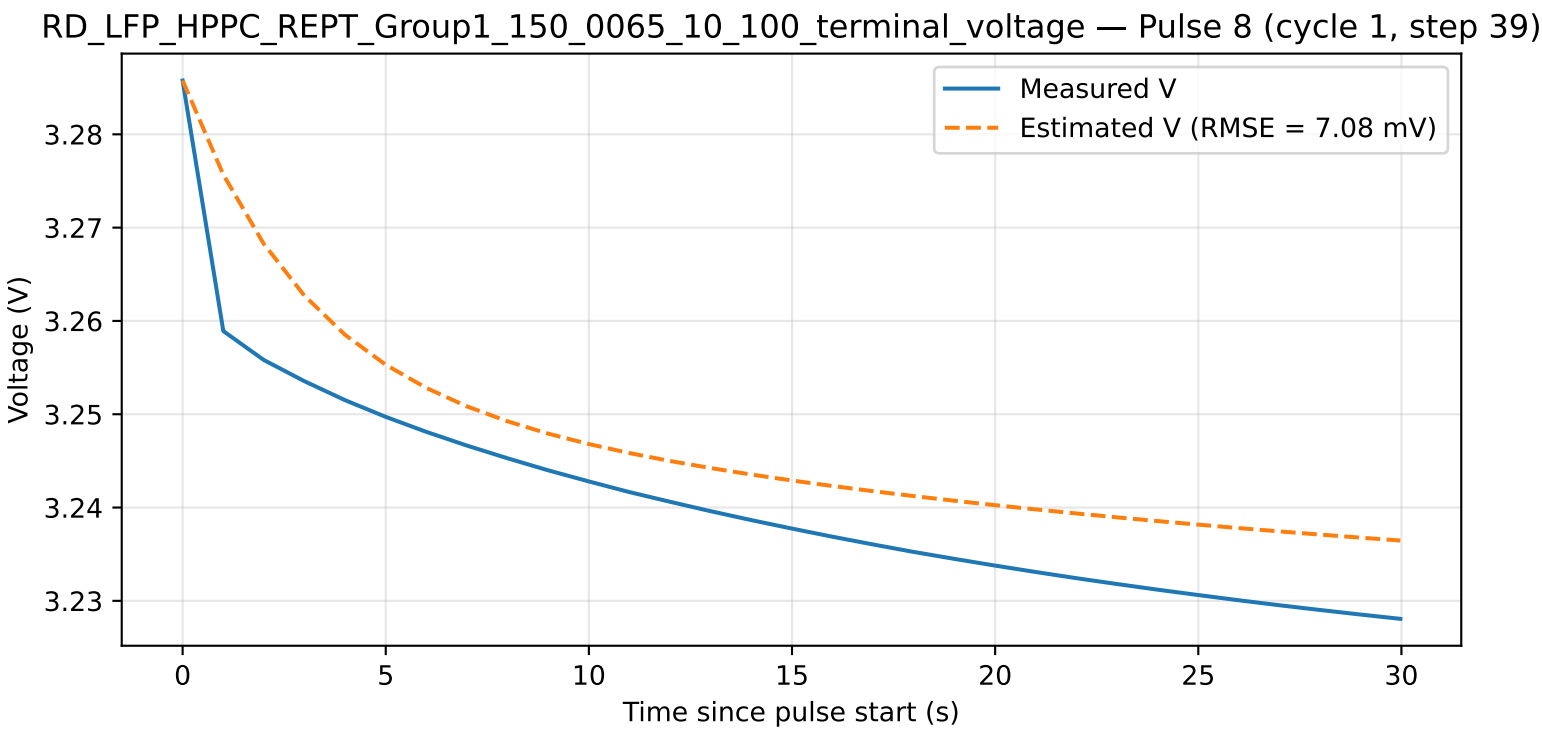

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 9.96 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

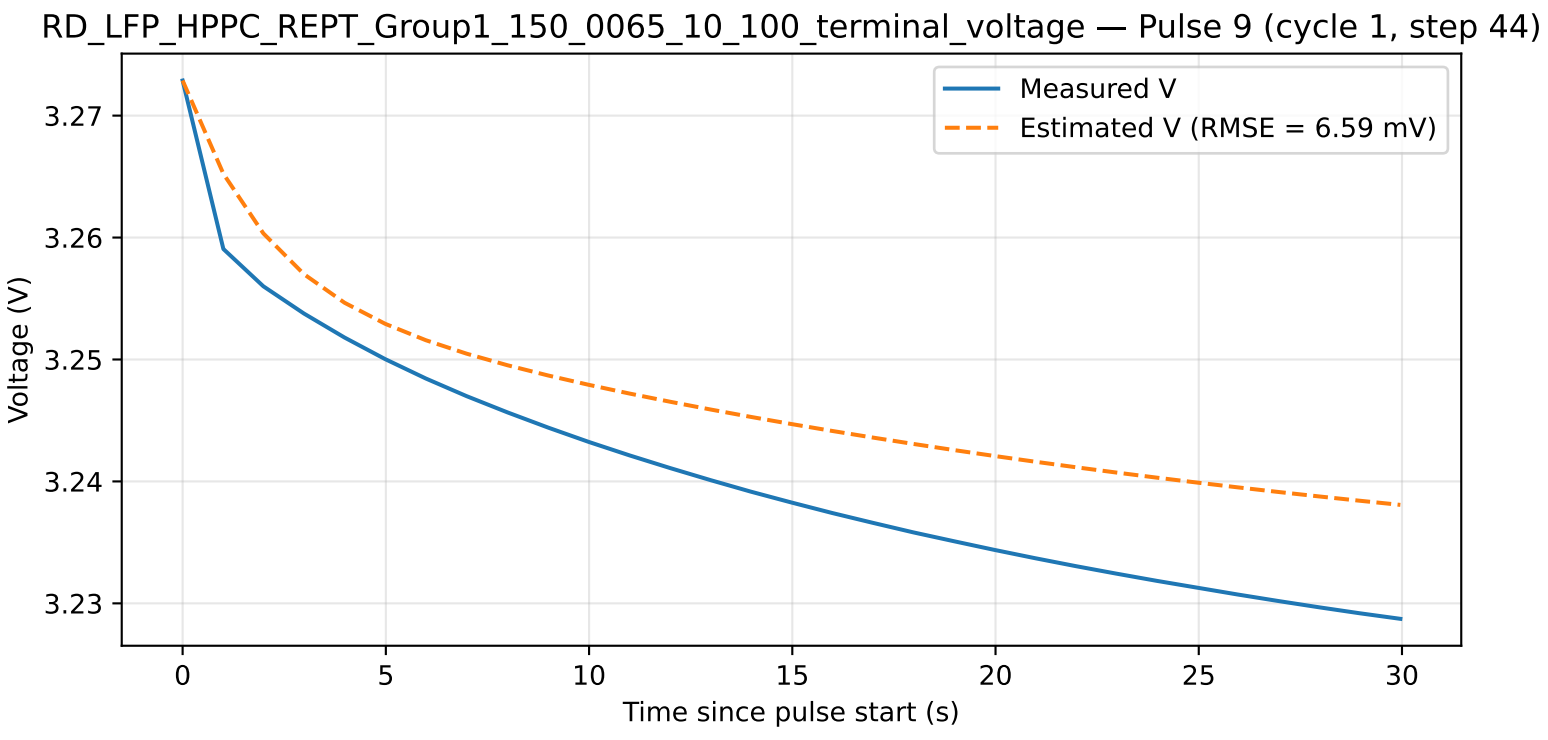

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.55 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

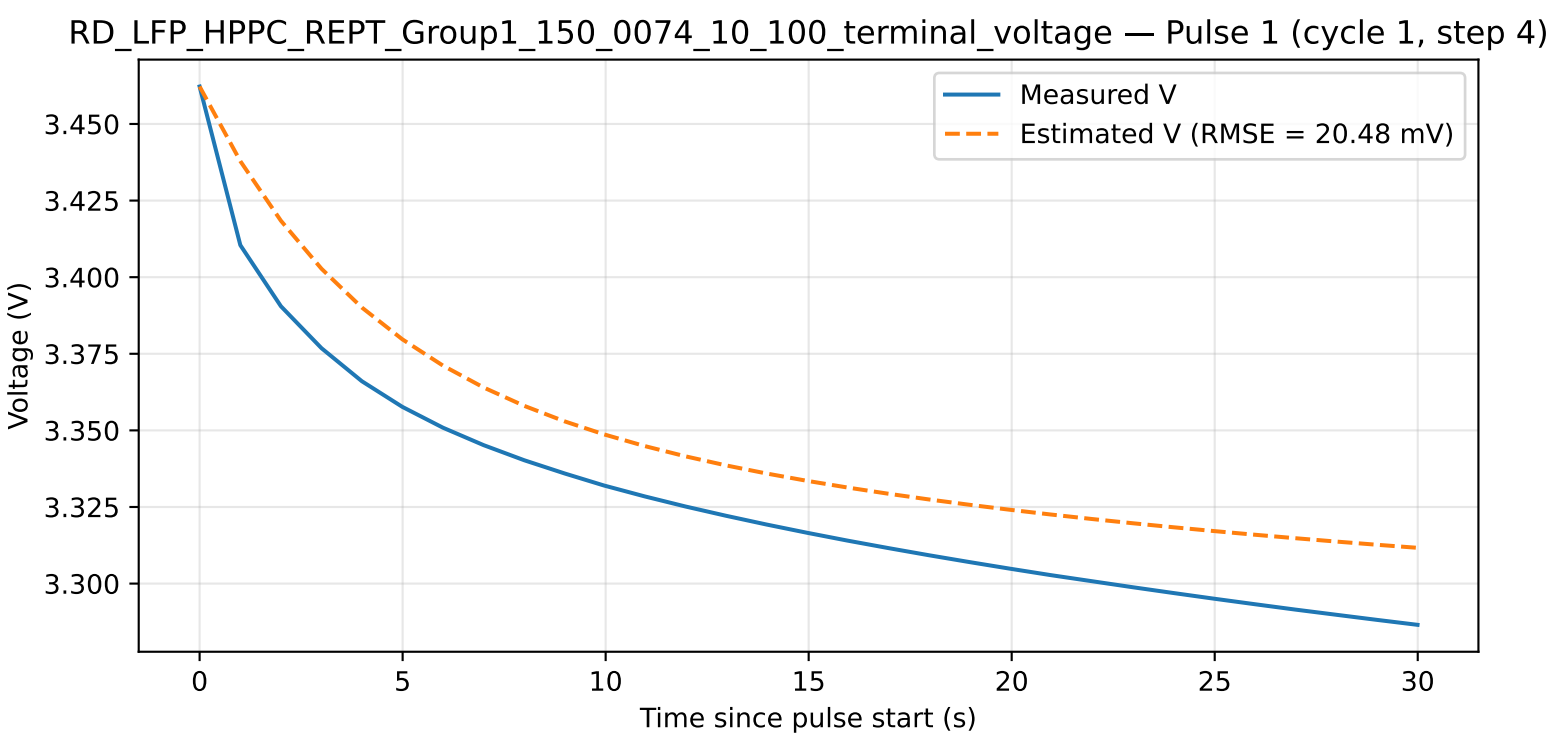

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 7.75 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

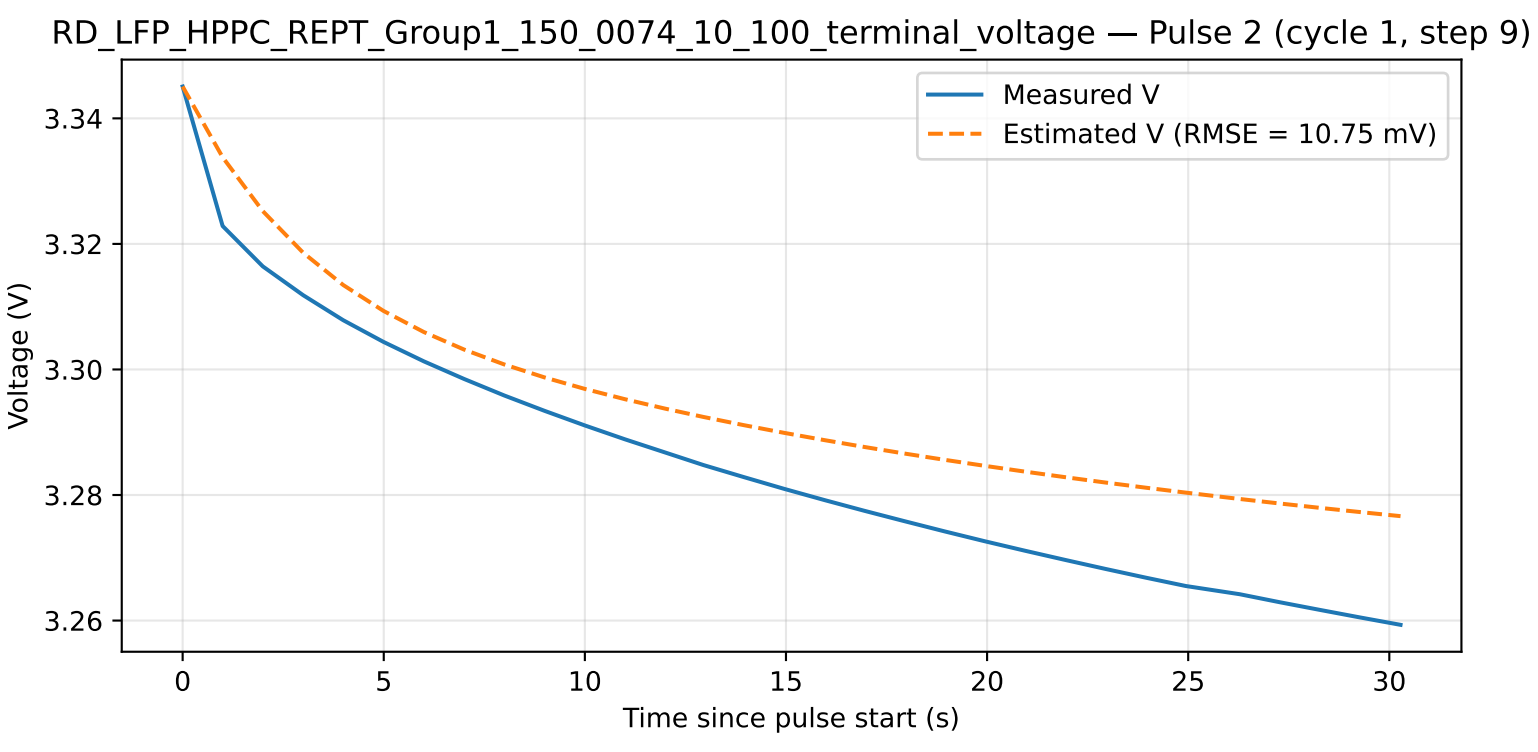

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 11.51 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

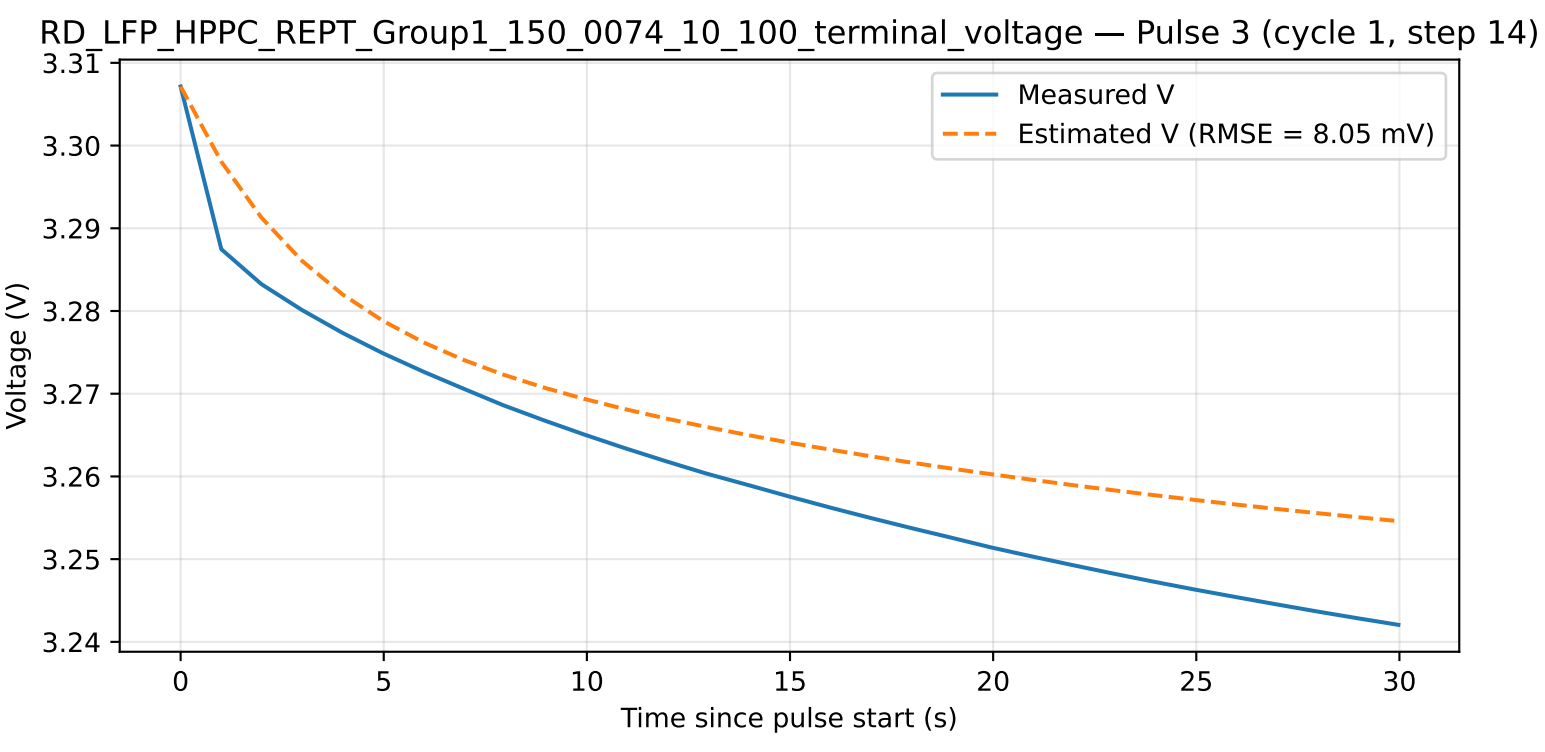

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 10.79 mV)
Voltage (V)
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

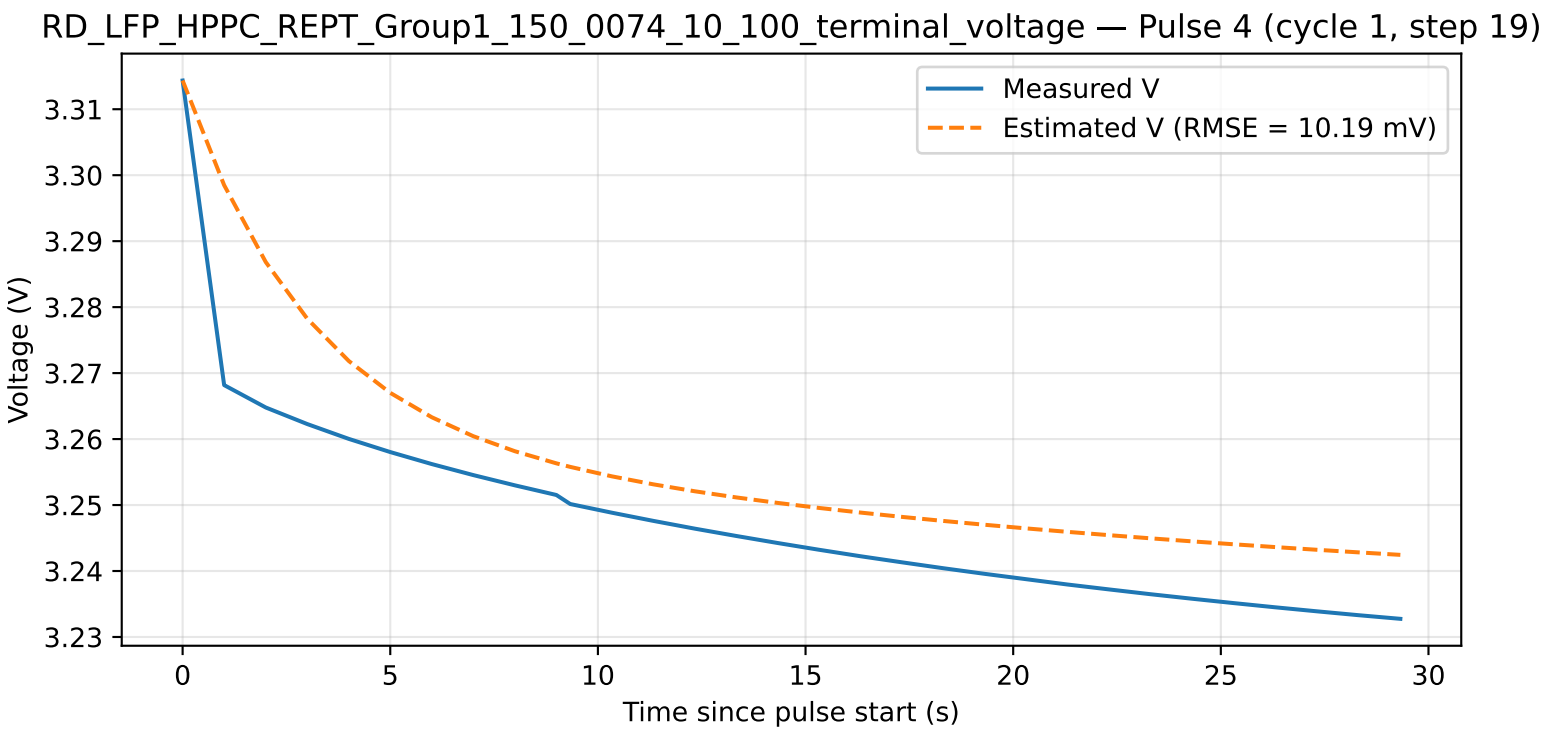

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 7.08 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

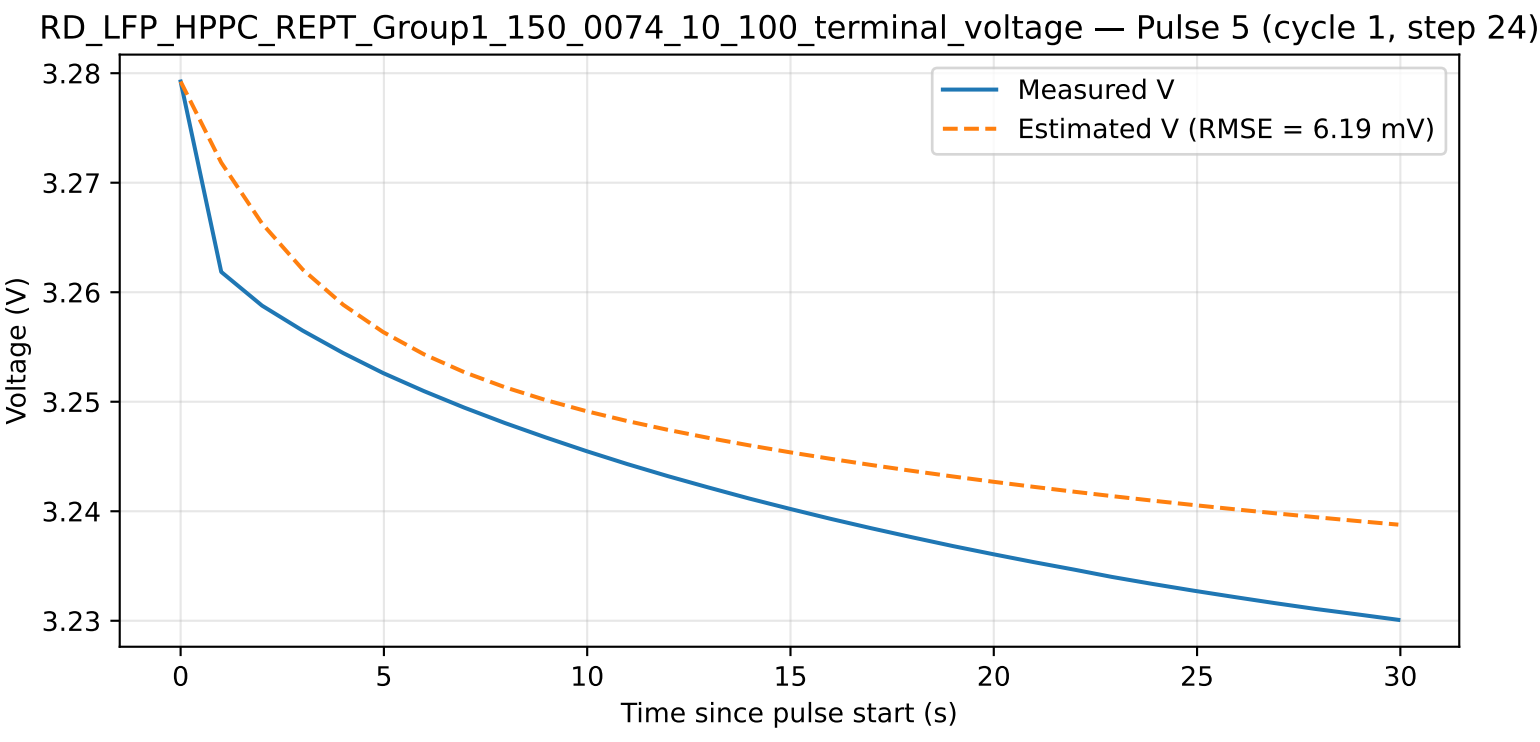

RD_LFP_HPPC_REPT_Group1_150_0065_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.59 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

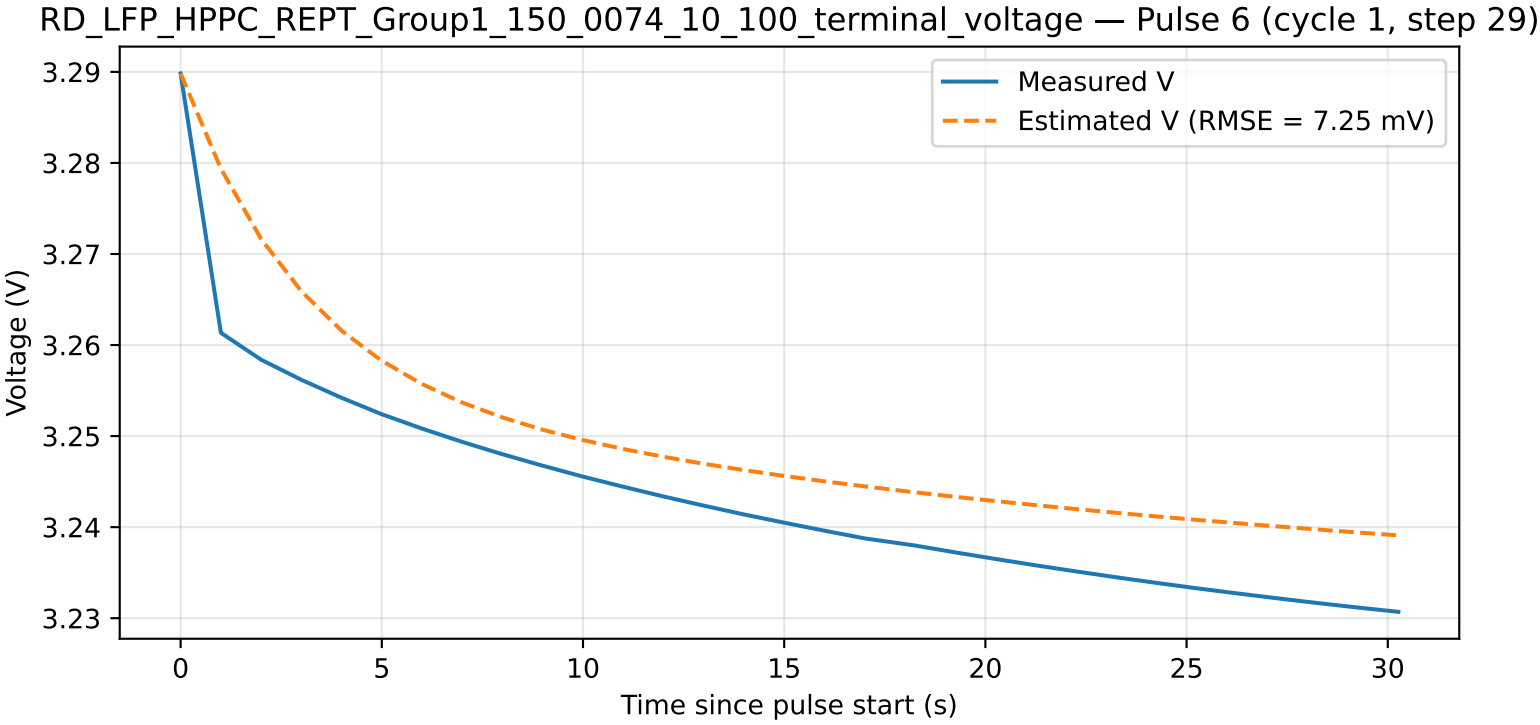

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 20.48 mV)
Voltage (V)
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

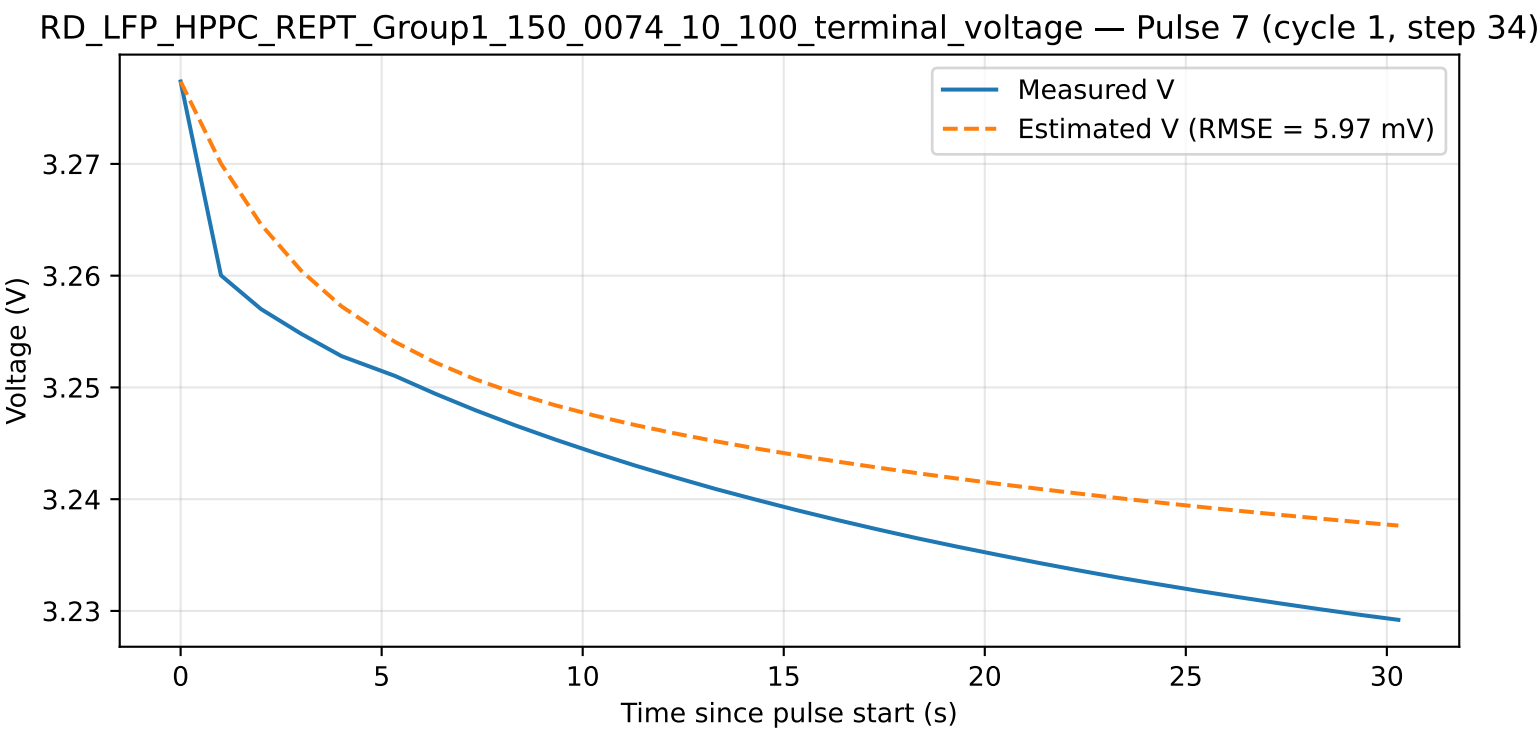

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.75 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

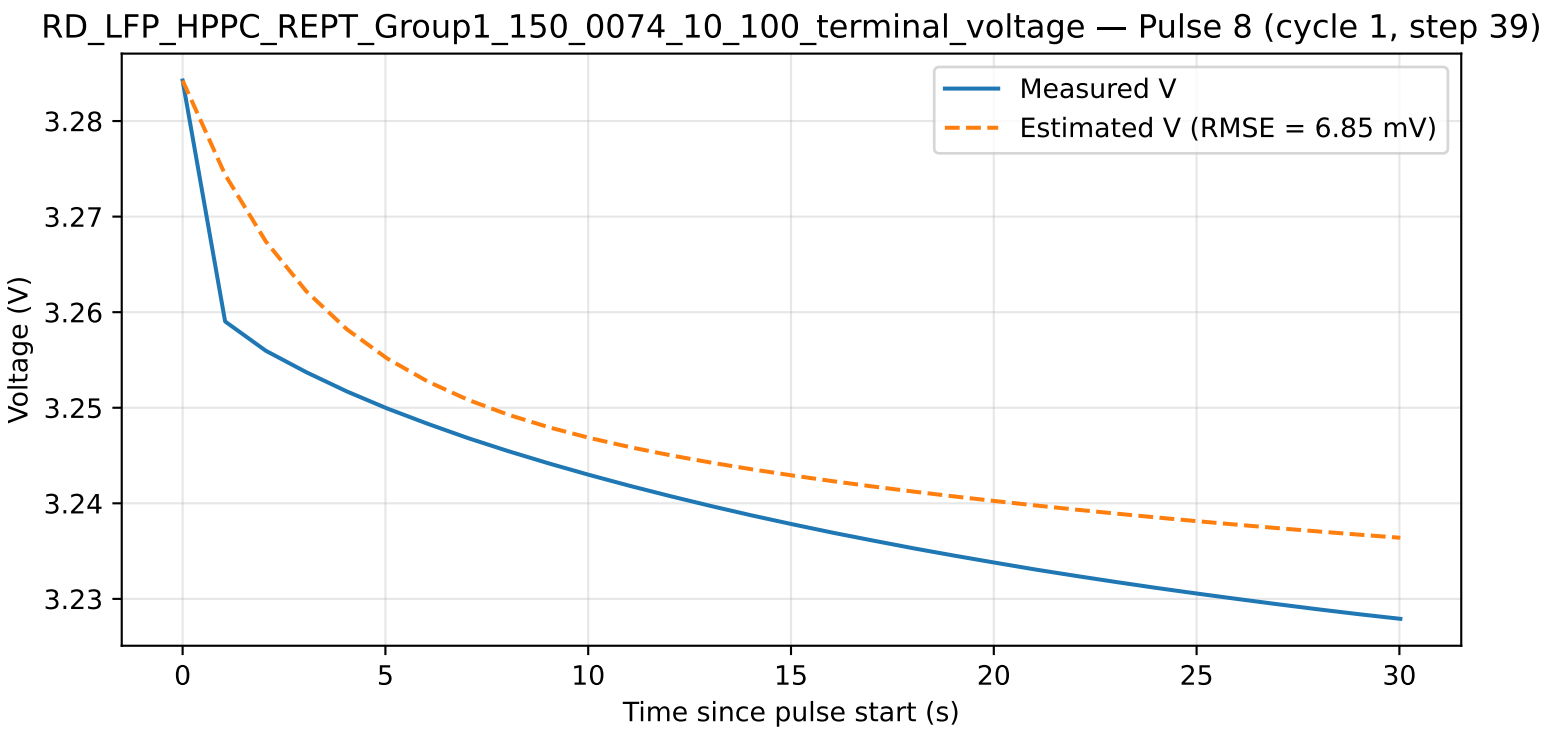

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 8.05 mV)
Voltage (V)
Time since pulse start (s)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30

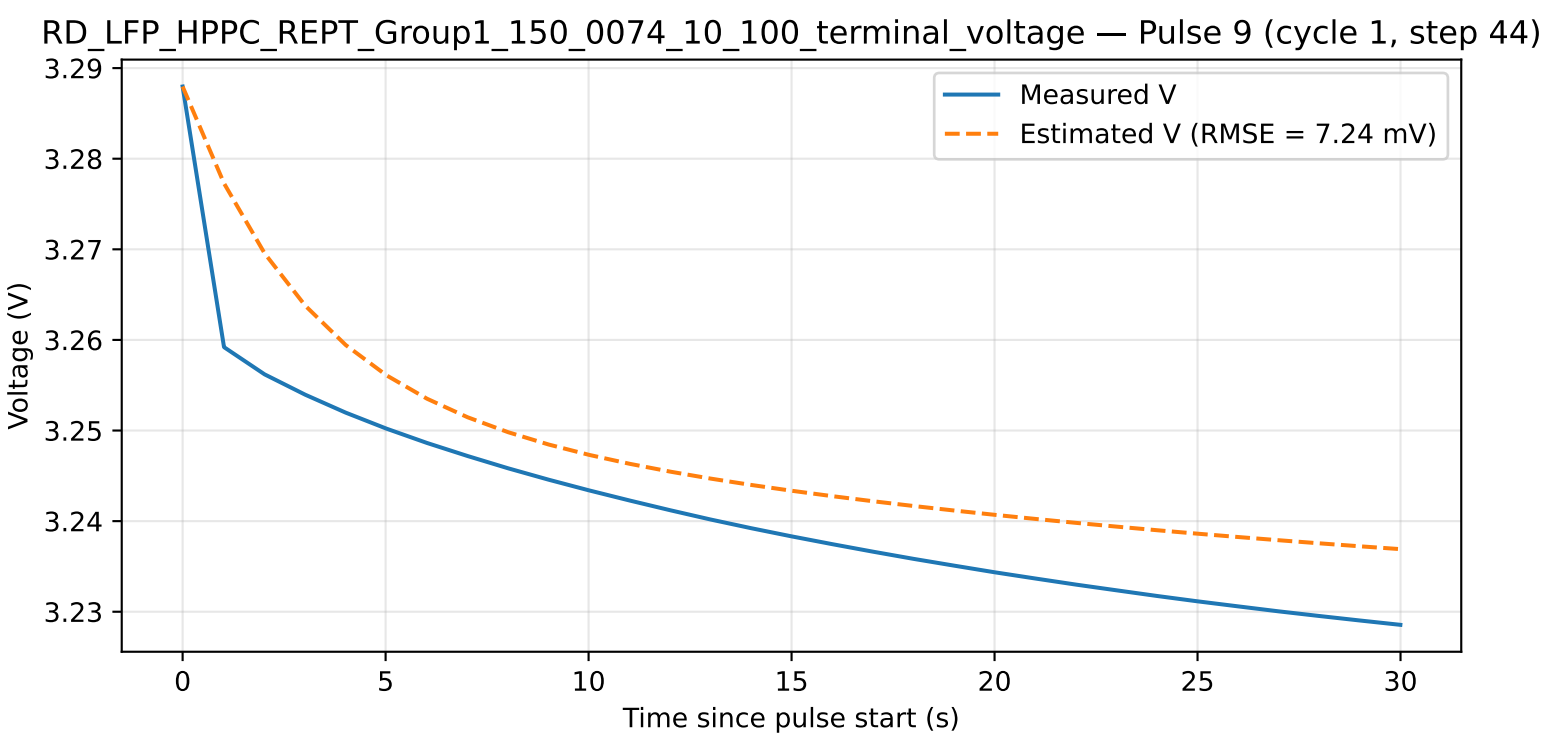

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 10.19 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

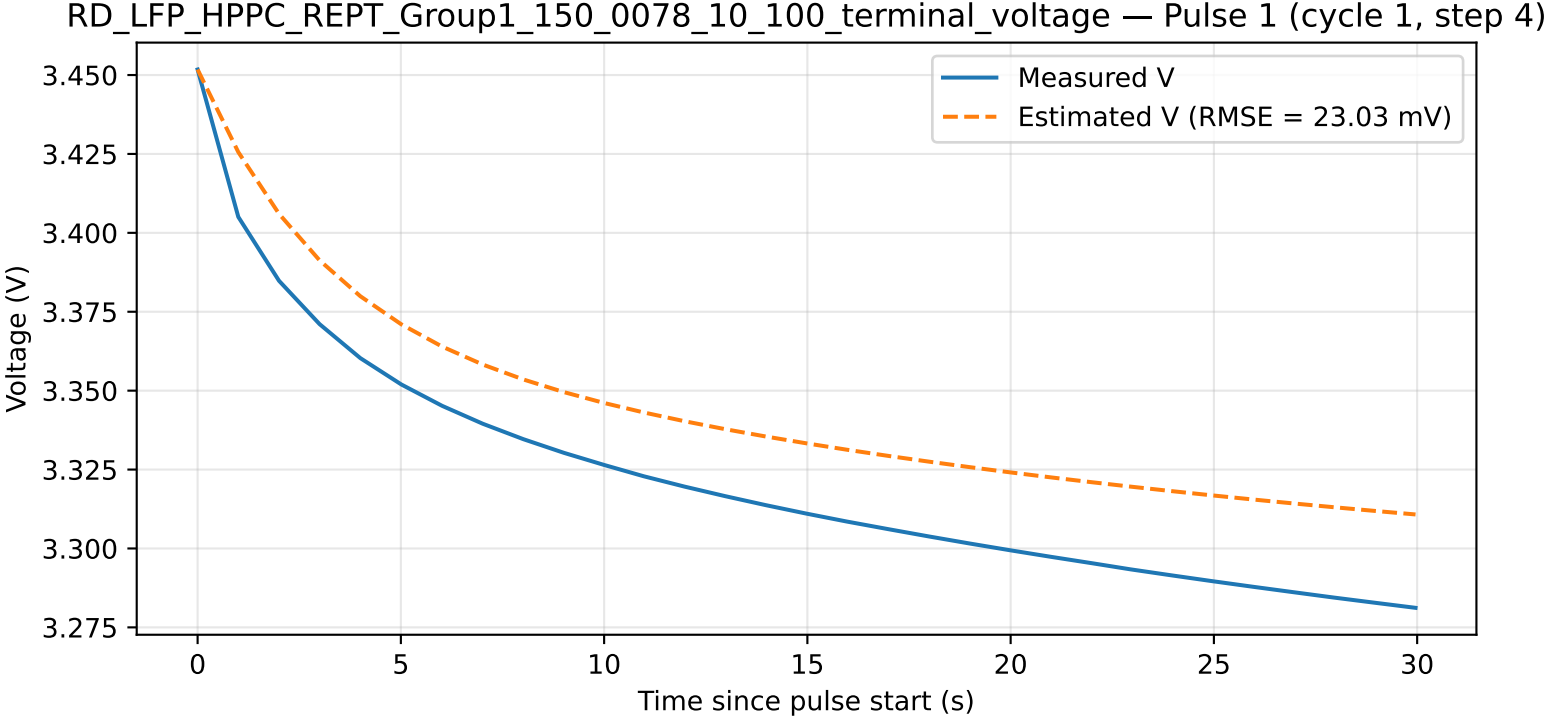

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 6.19 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

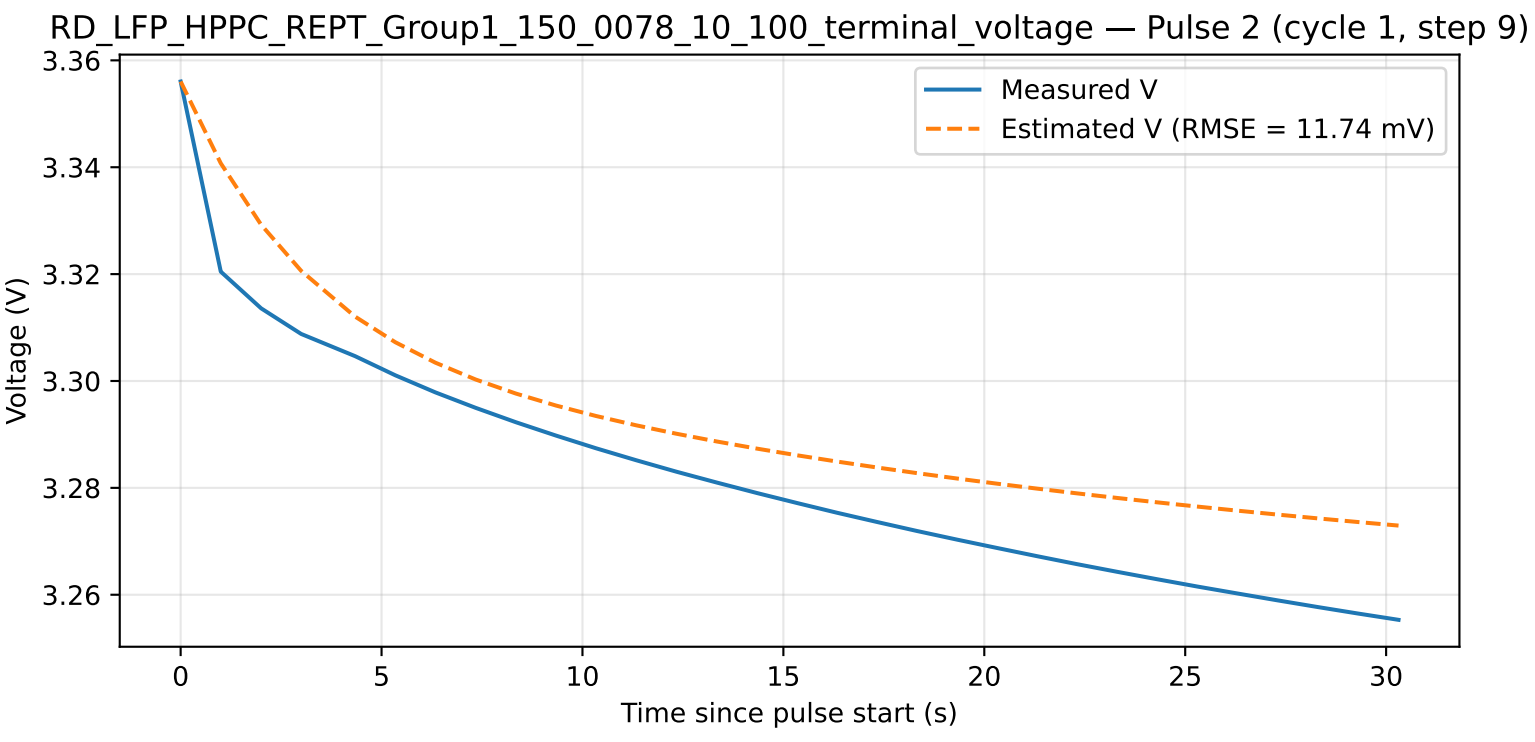

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.25 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

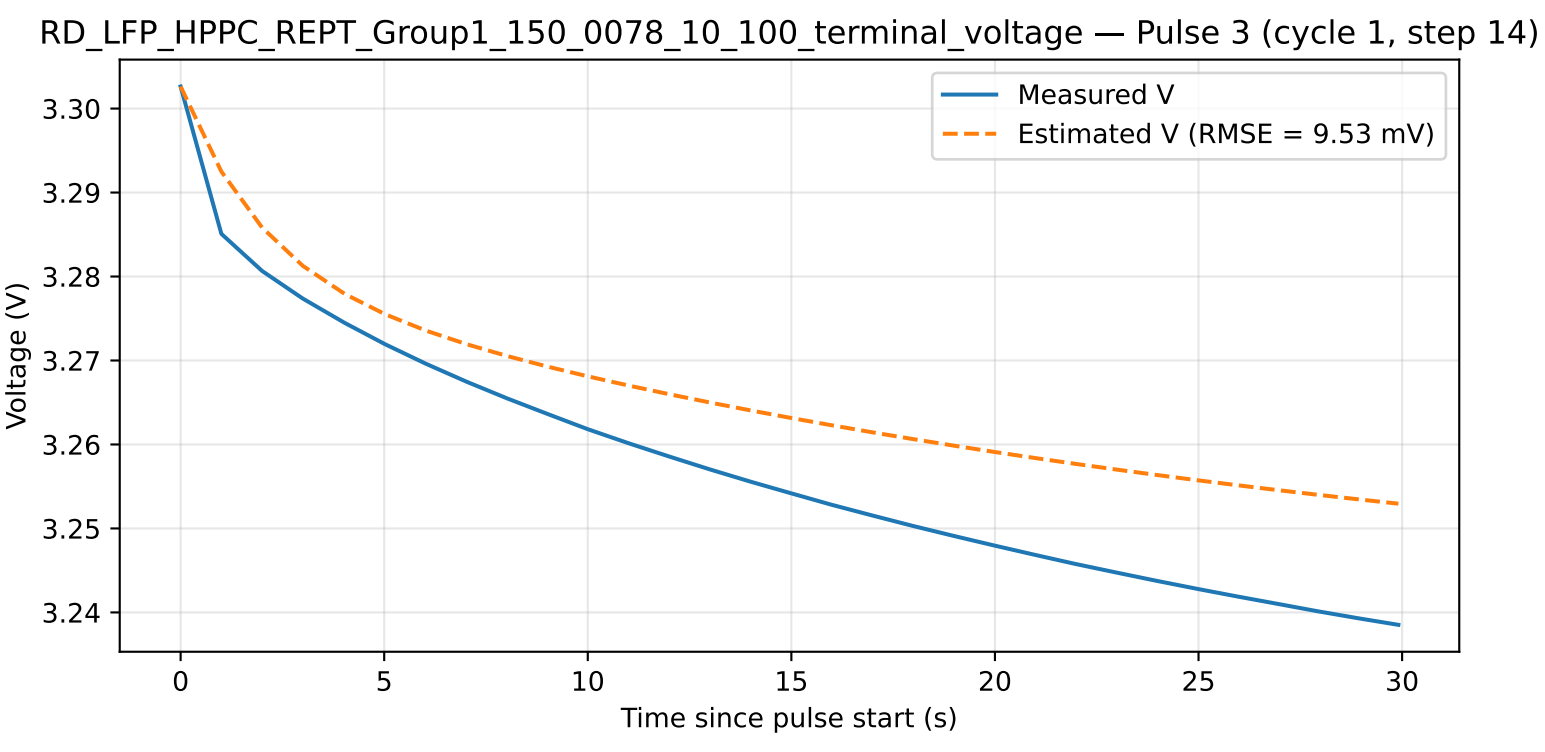

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 5.97 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

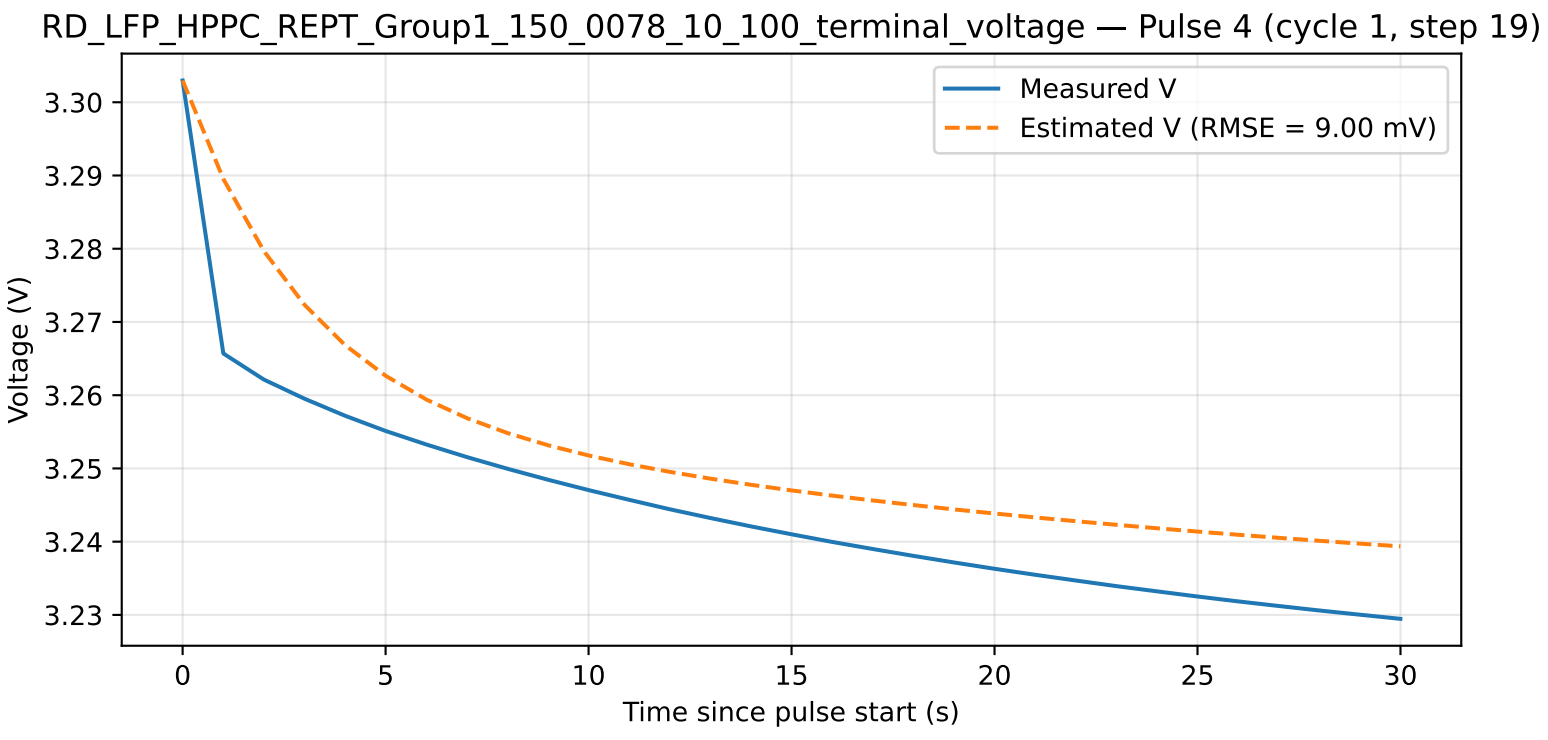

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.85 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

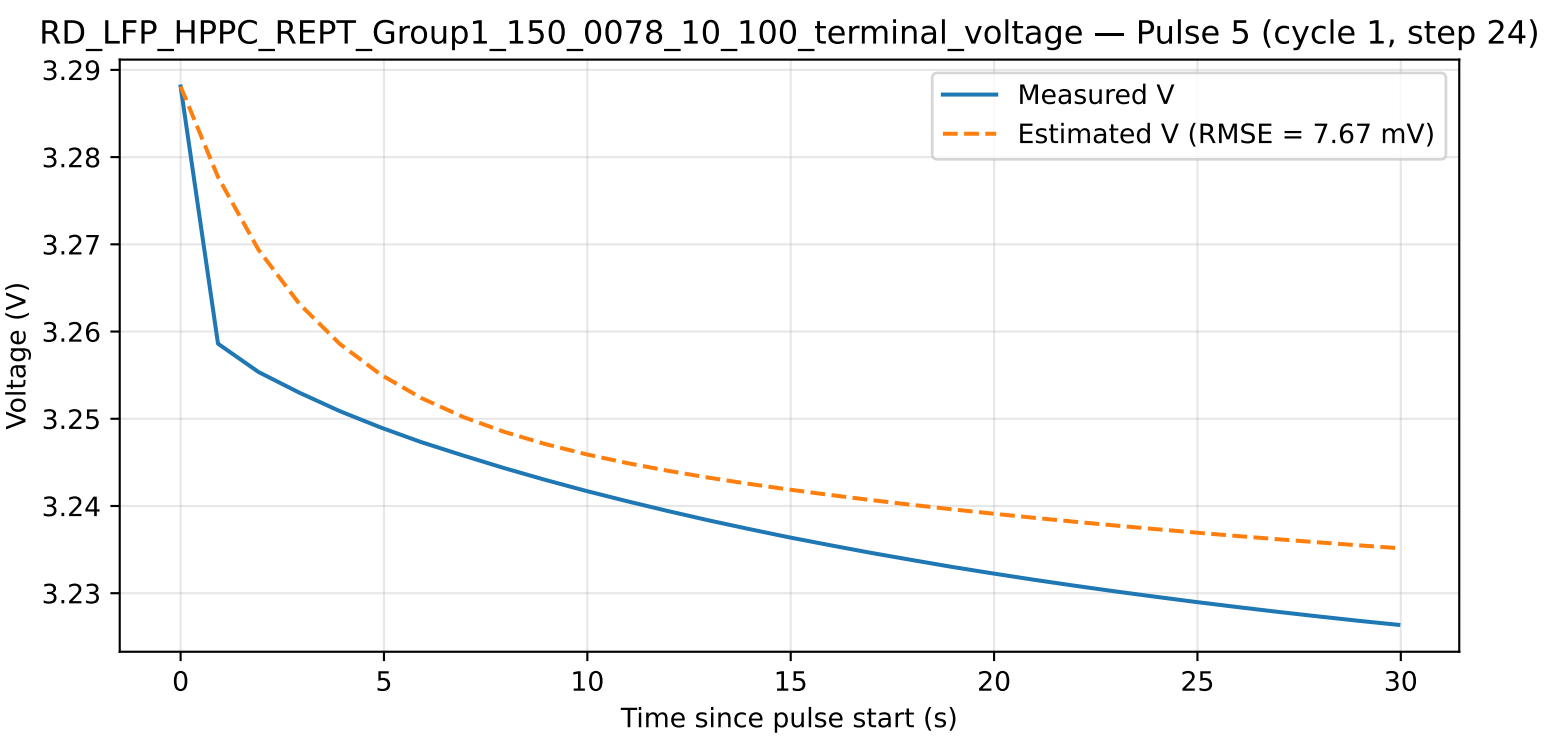

RD_LFP_HPPC_REPT_Group1_150_0074_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 7.24 mV)
Voltage (V)
Time since pulse start (s)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30

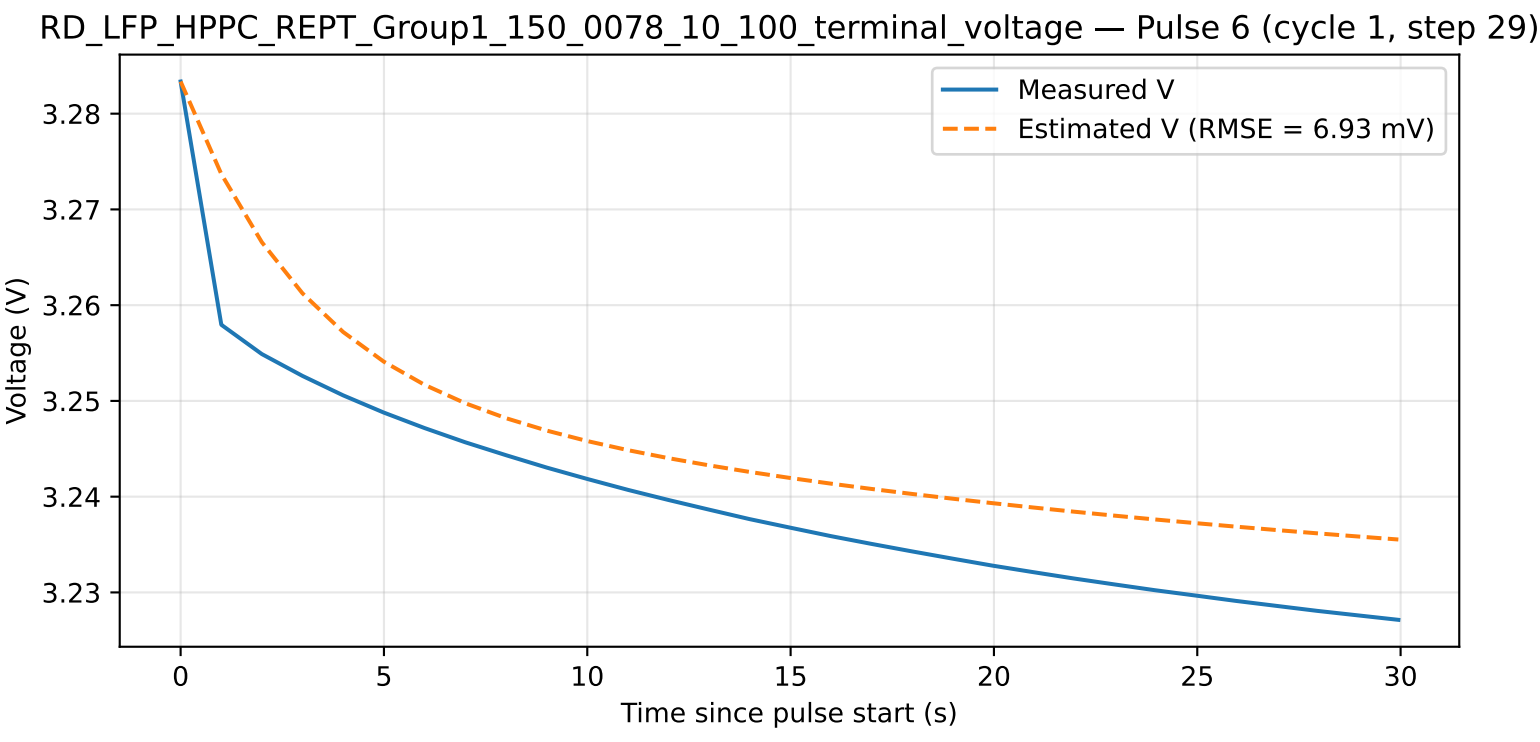

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 23.03 mV)
Voltage (V)
3.450
3.425
3.400
3.375
3.350
3.325
3.300
3.275
0
5
10
15
20
25
30
Time since pulse start (s)

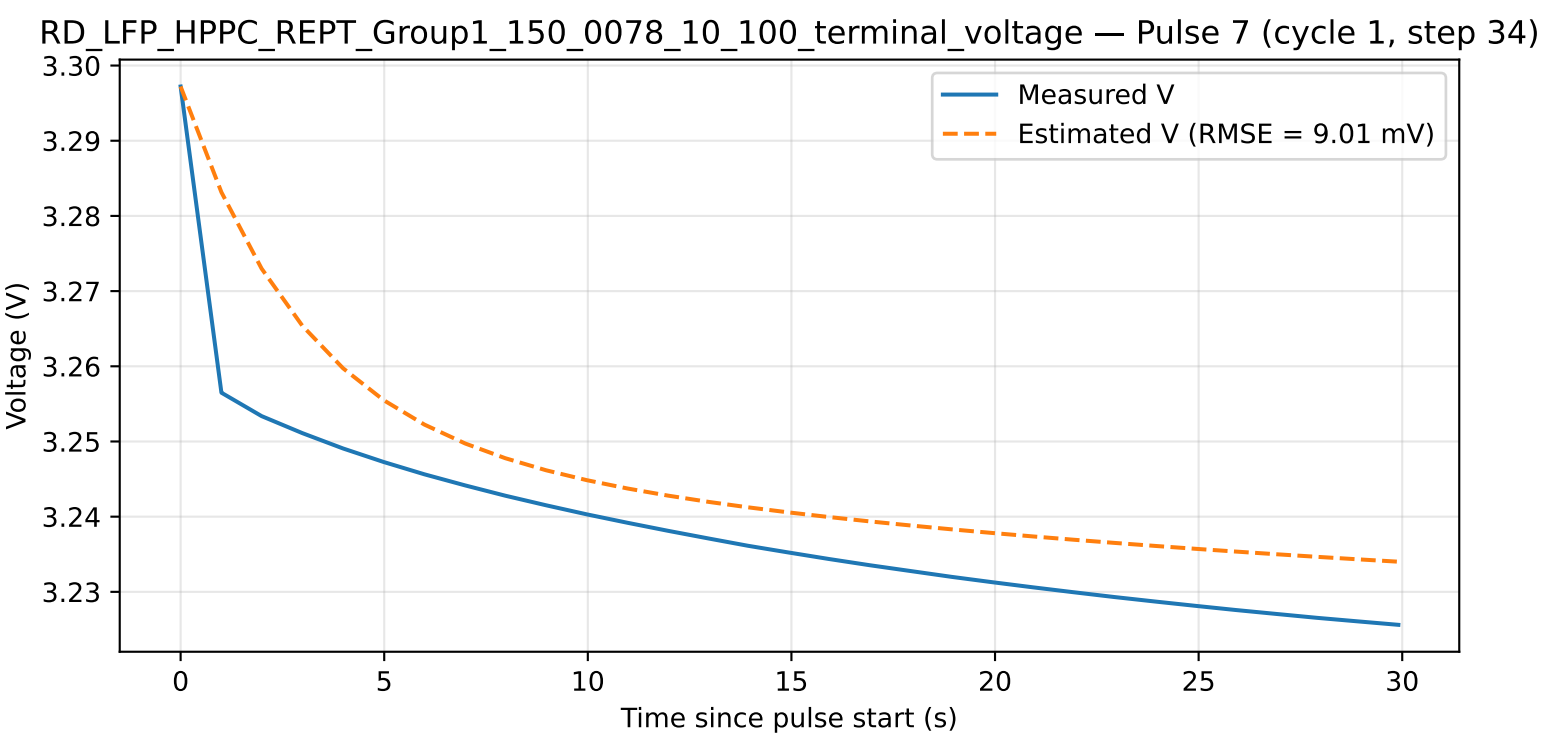

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.74 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

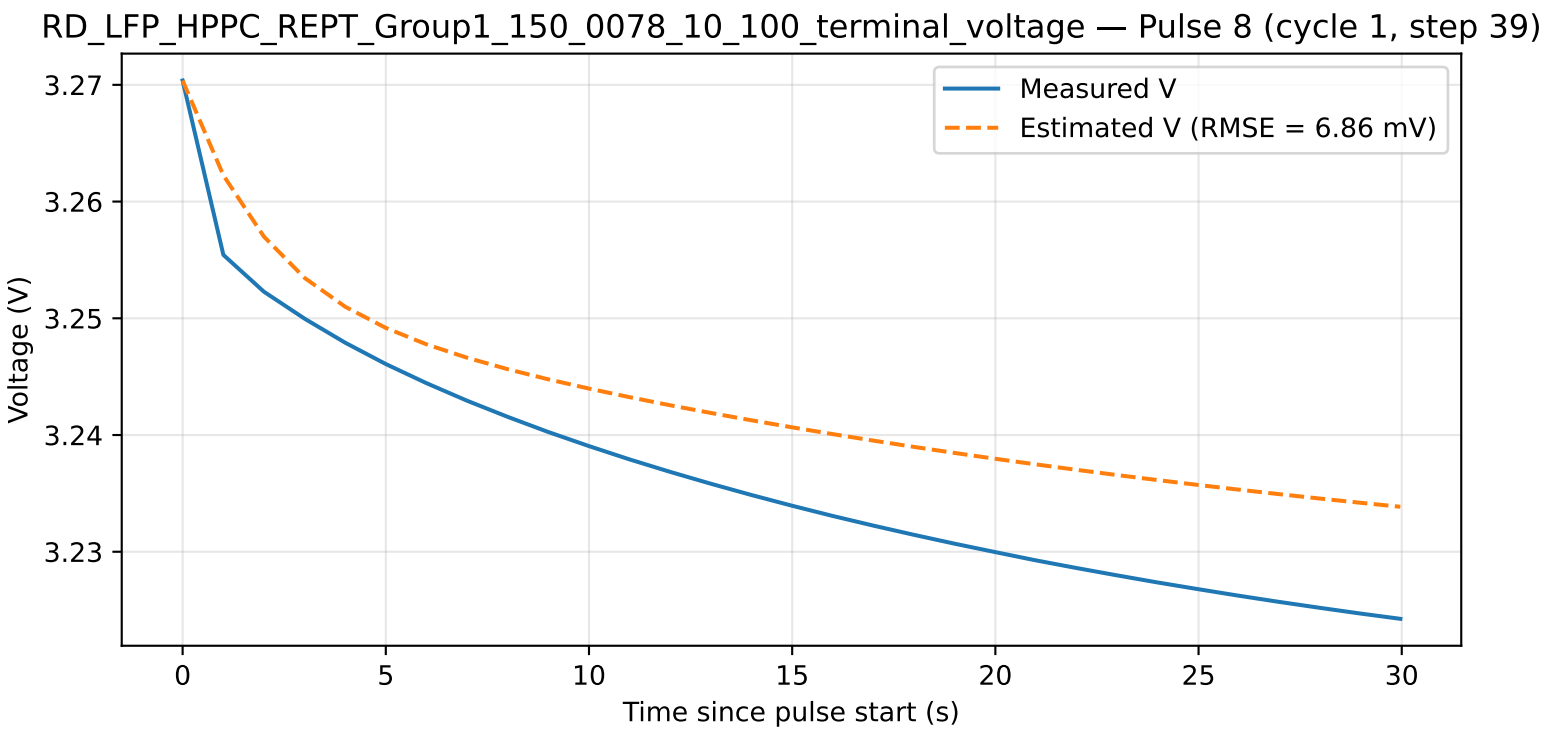

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 9.53 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

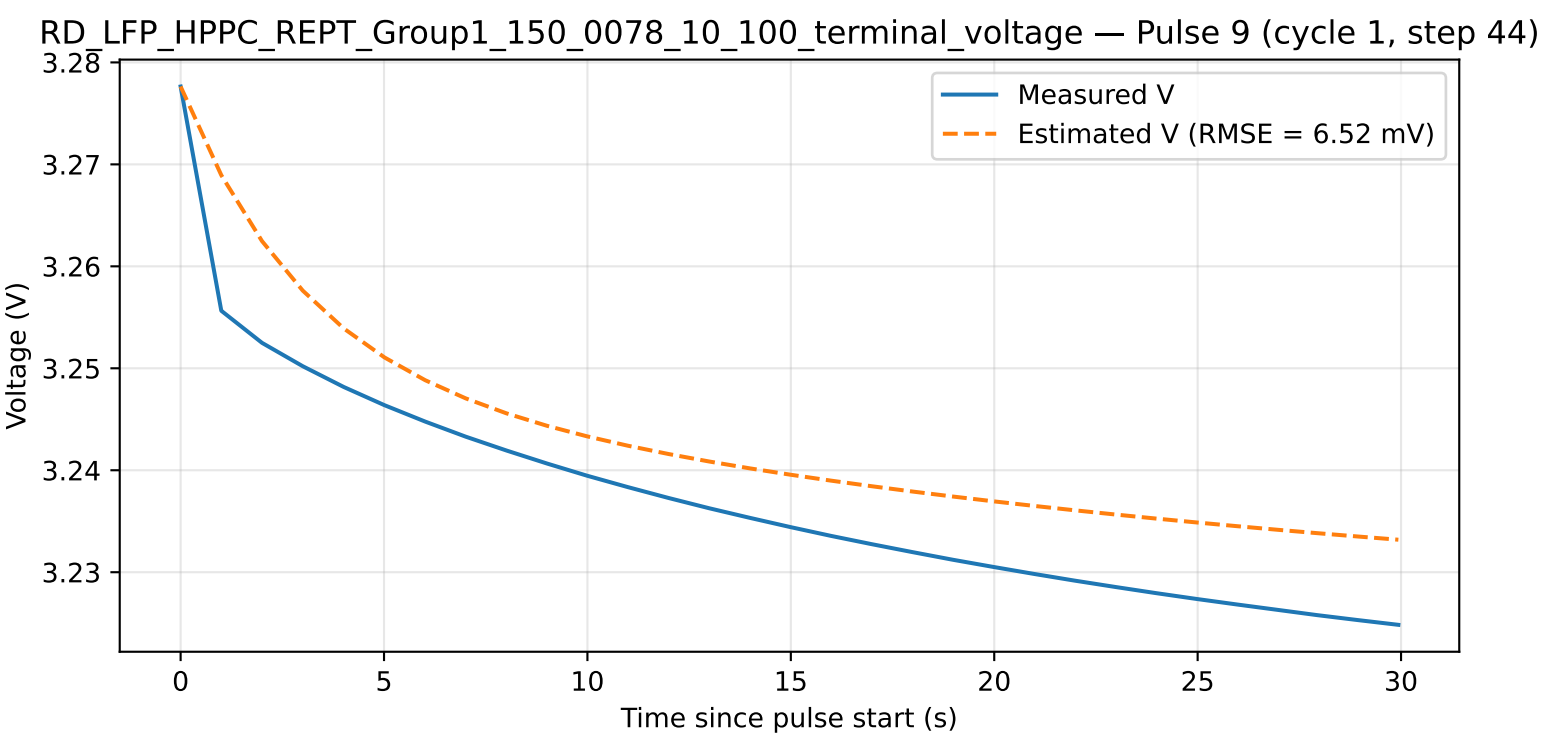

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 9.00 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

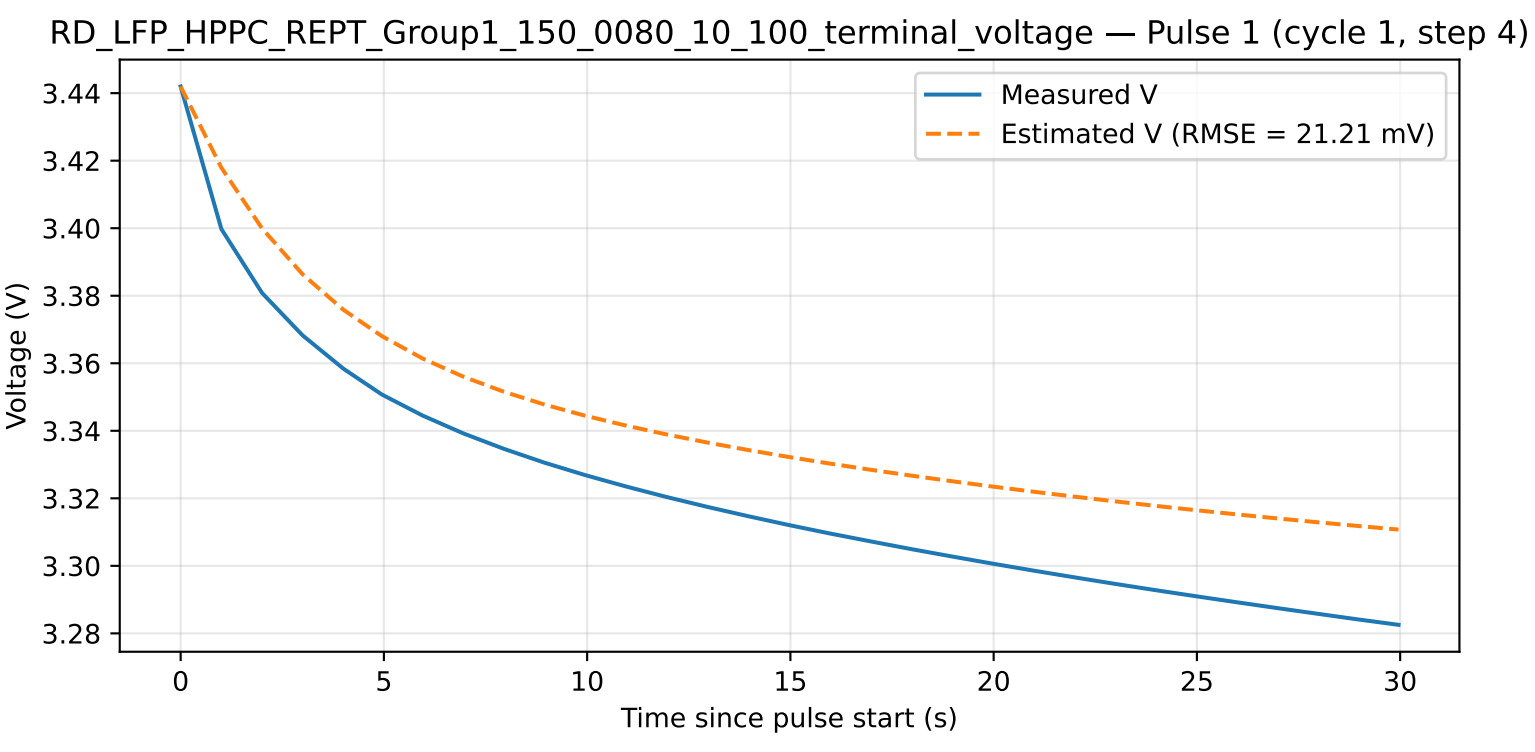

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 7.67 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

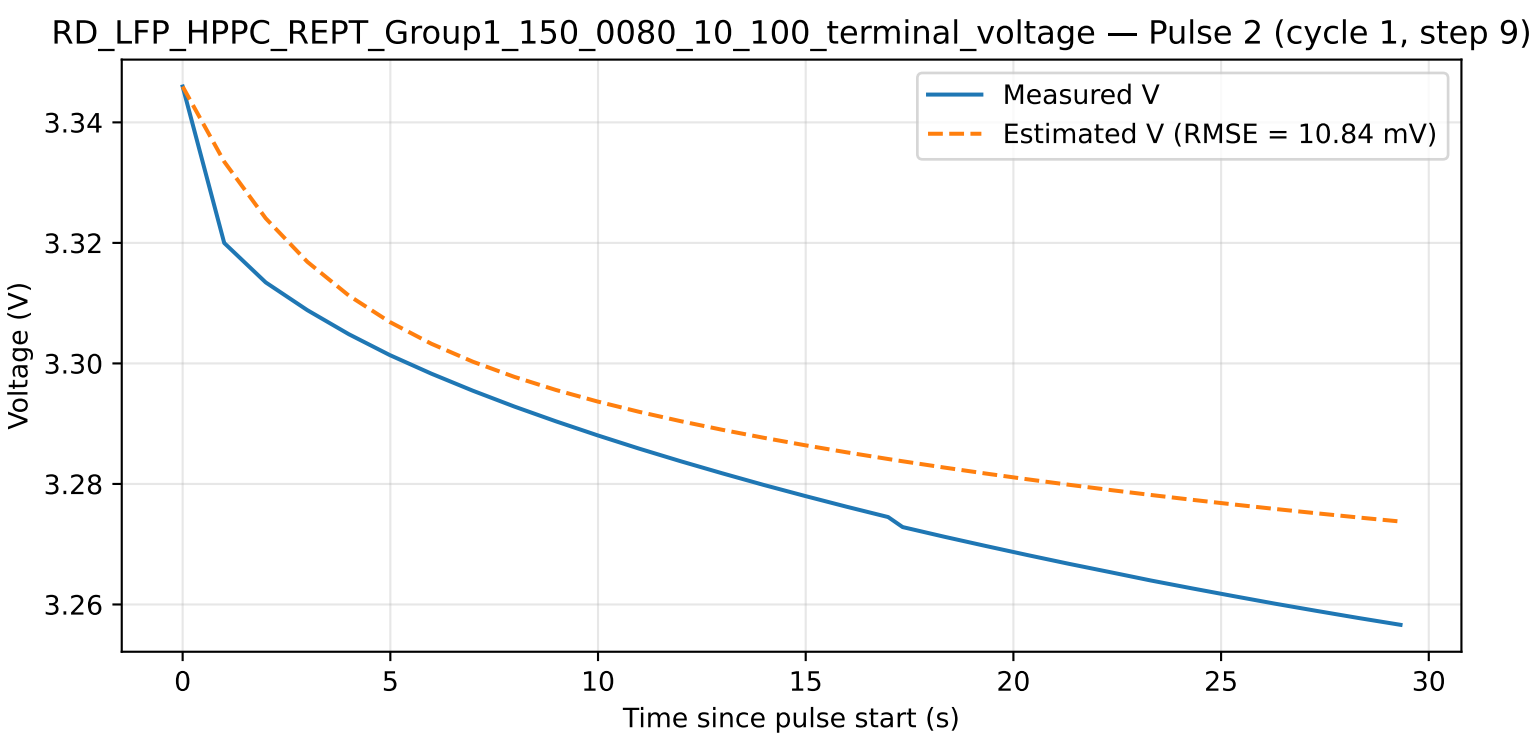

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.93 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

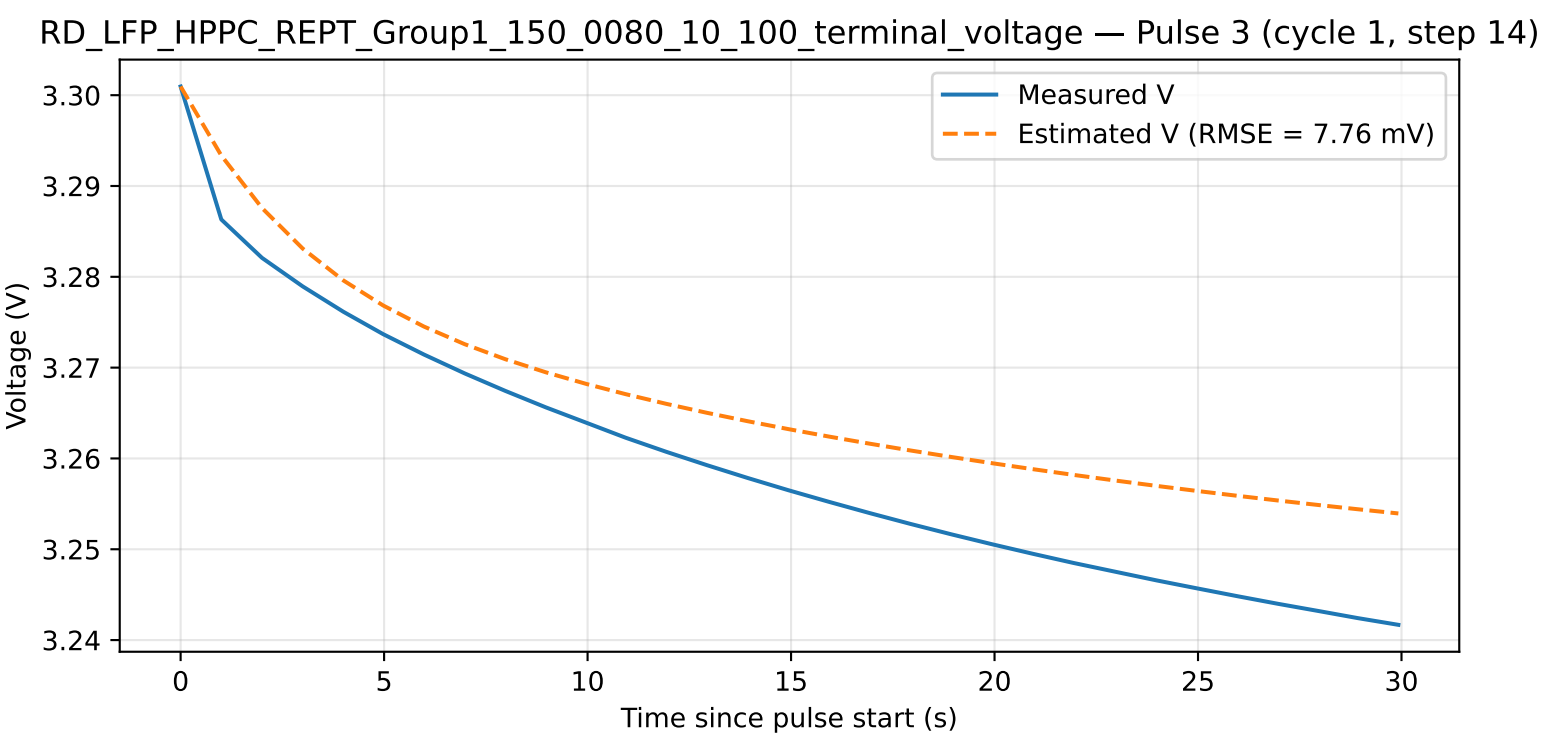

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 9.01 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

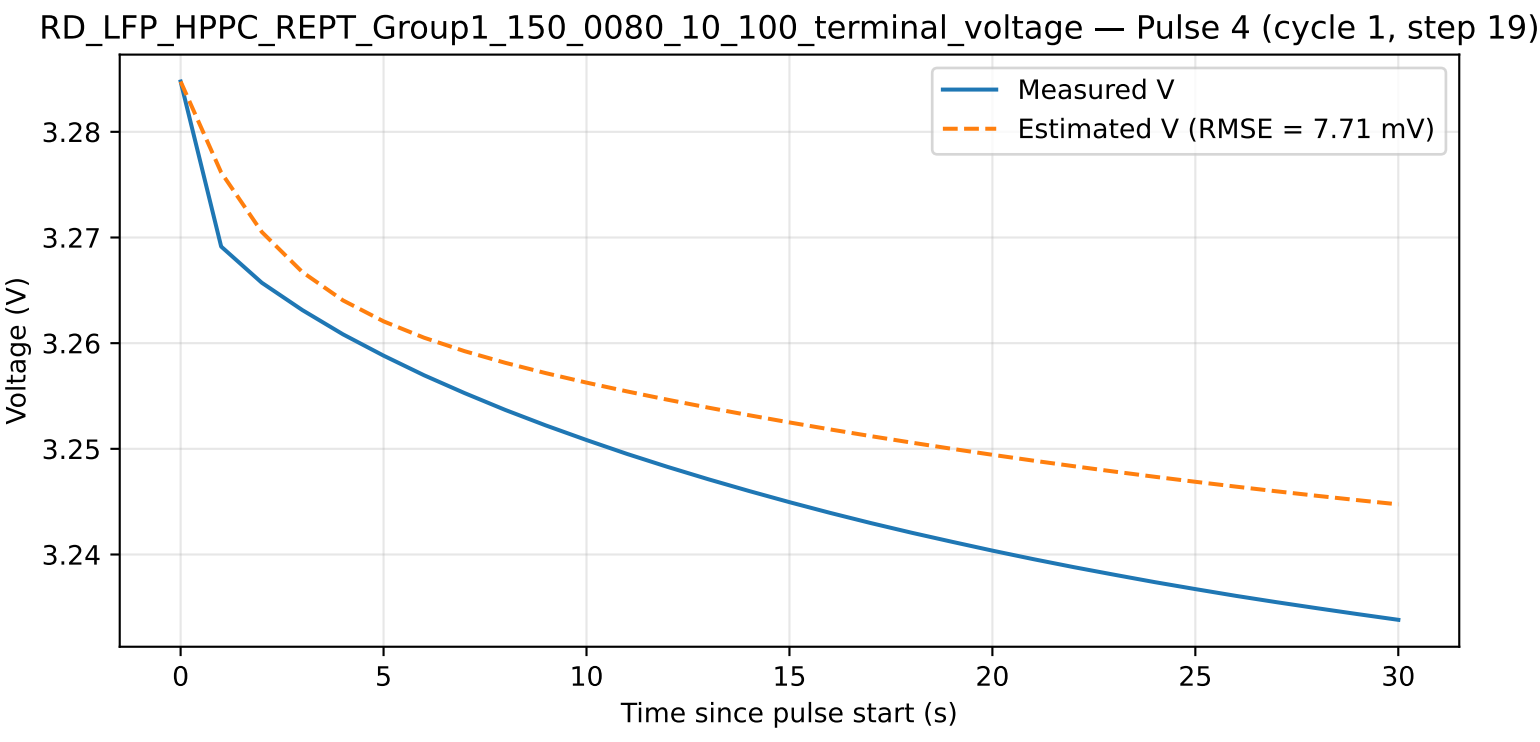

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.86 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

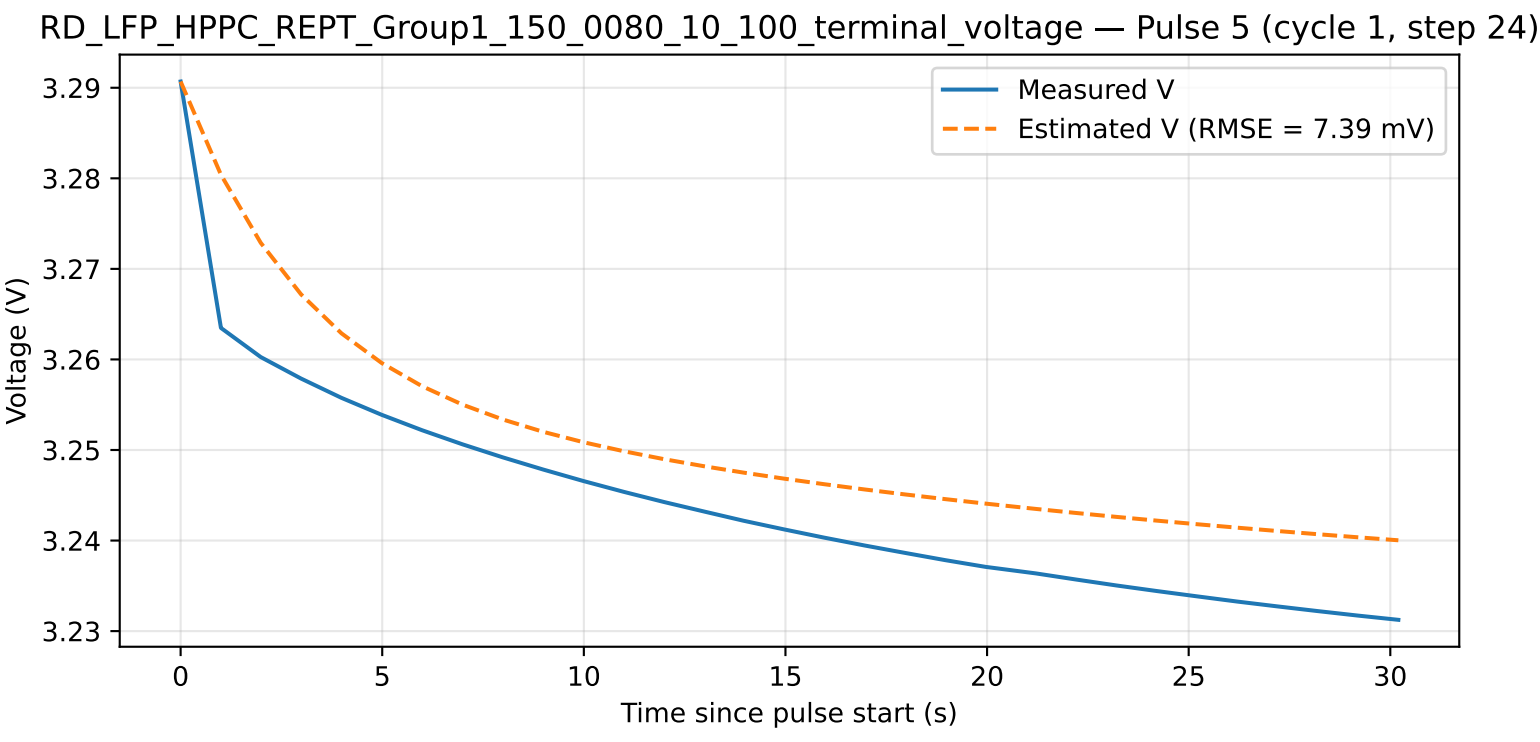

RD_LFP_HPPC_REPT_Group1_150_0078_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.52 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

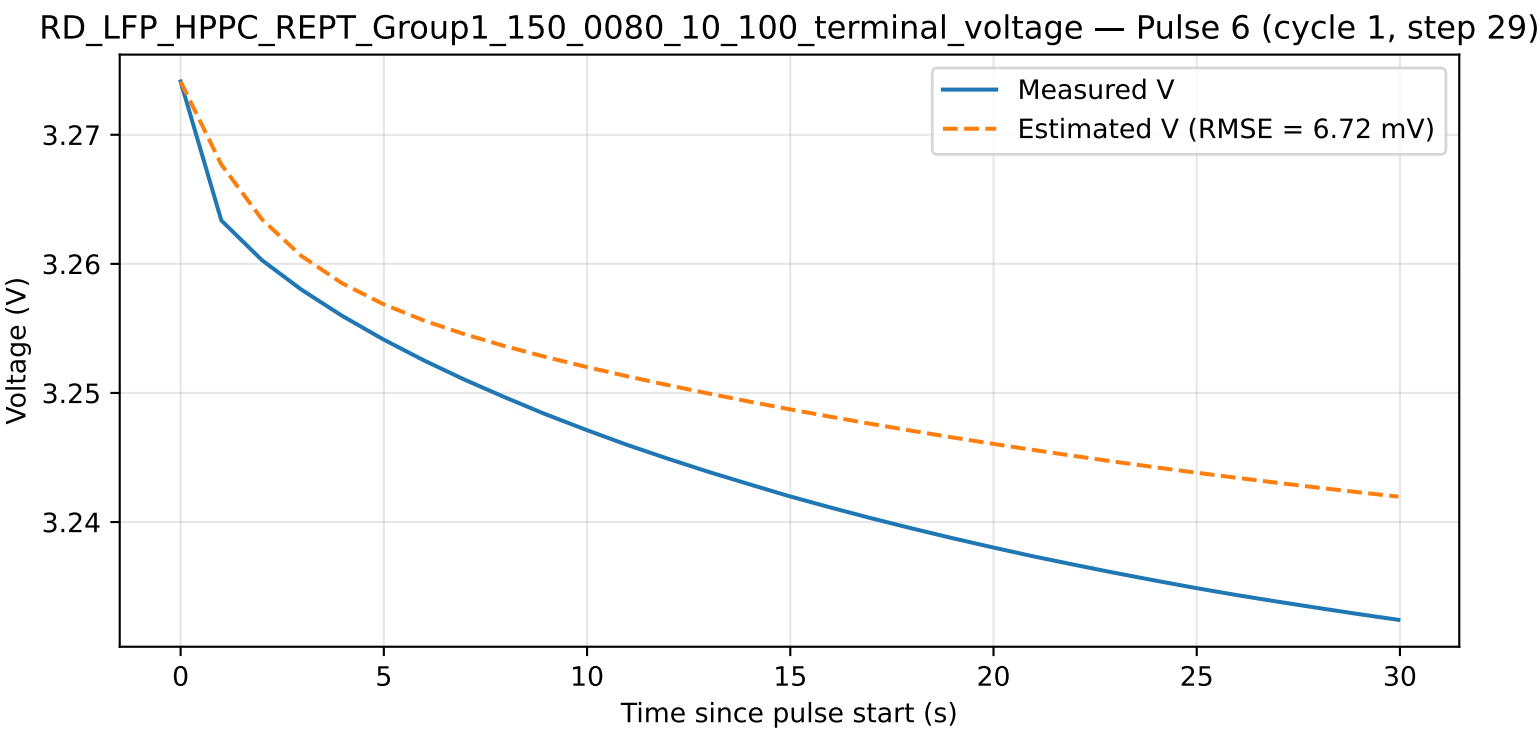

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 21.21 mV)
Voltage (V)
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

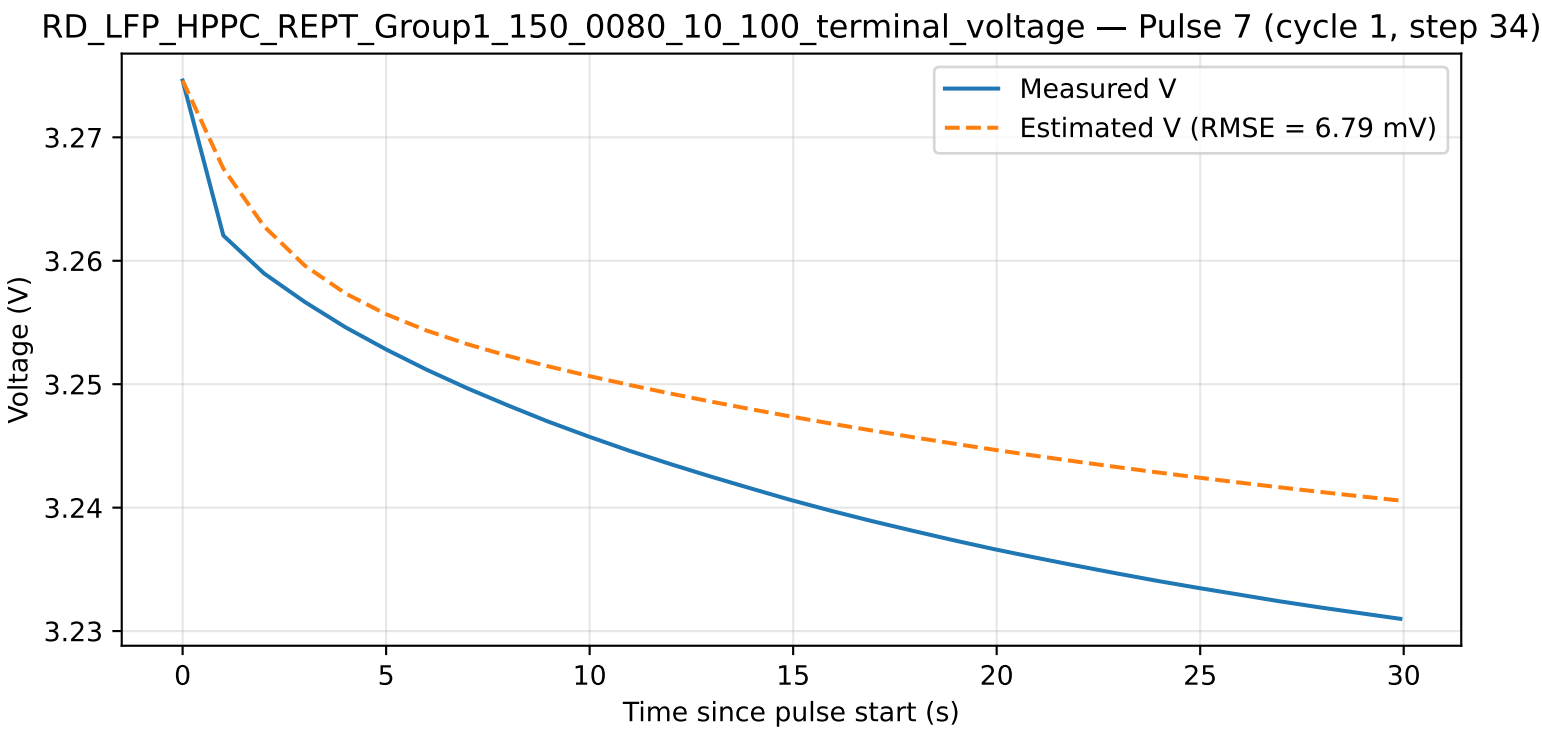

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.84 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

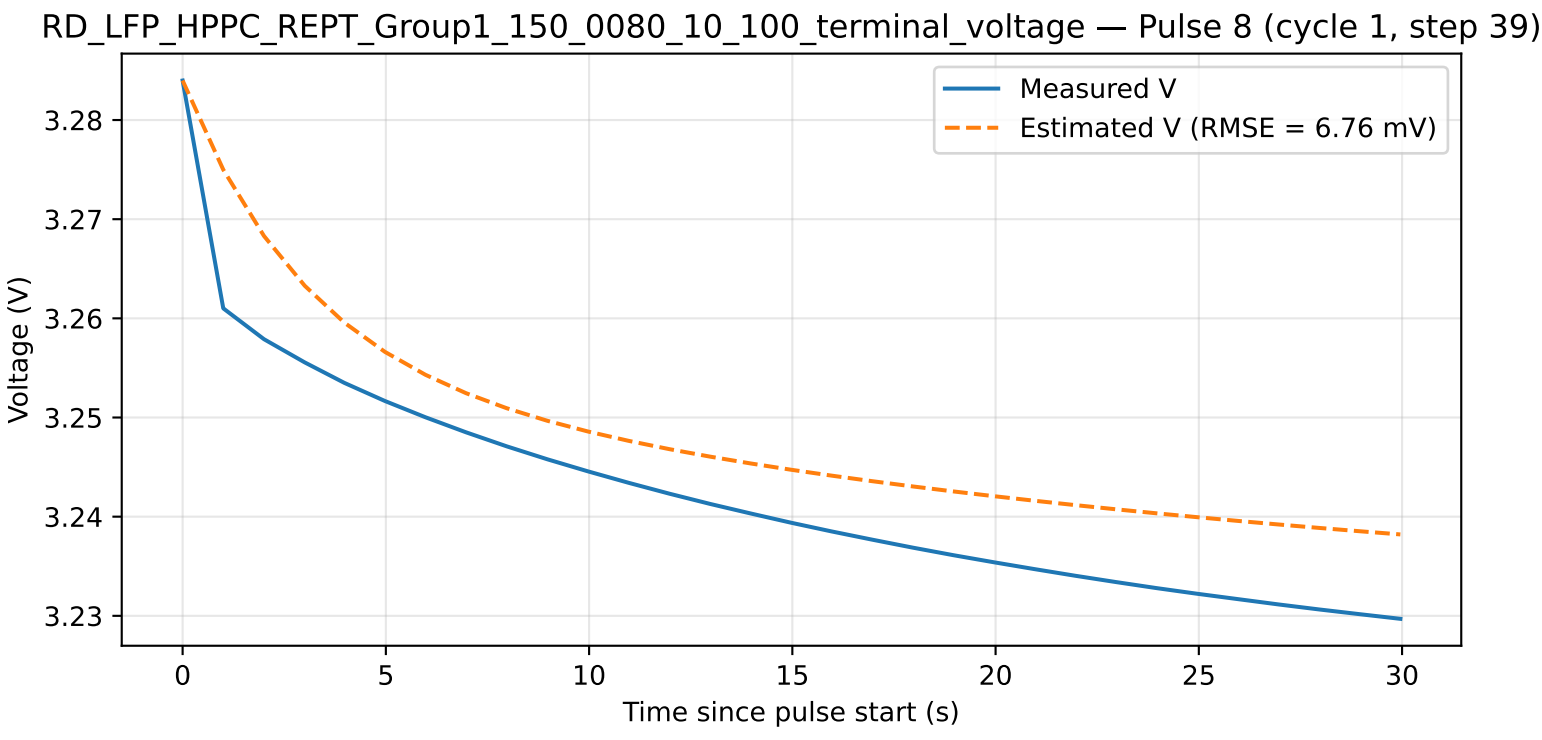

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.76 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

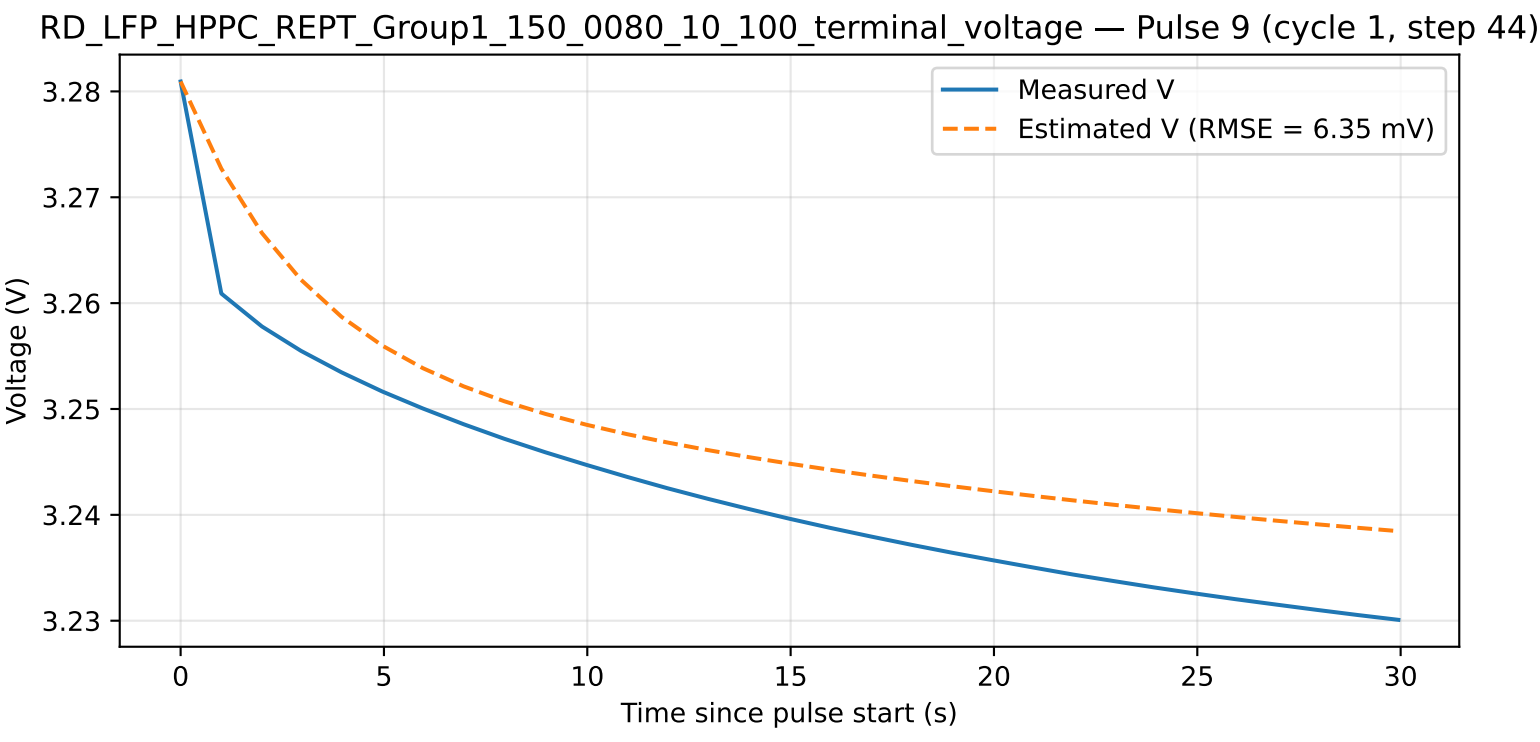

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.71 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

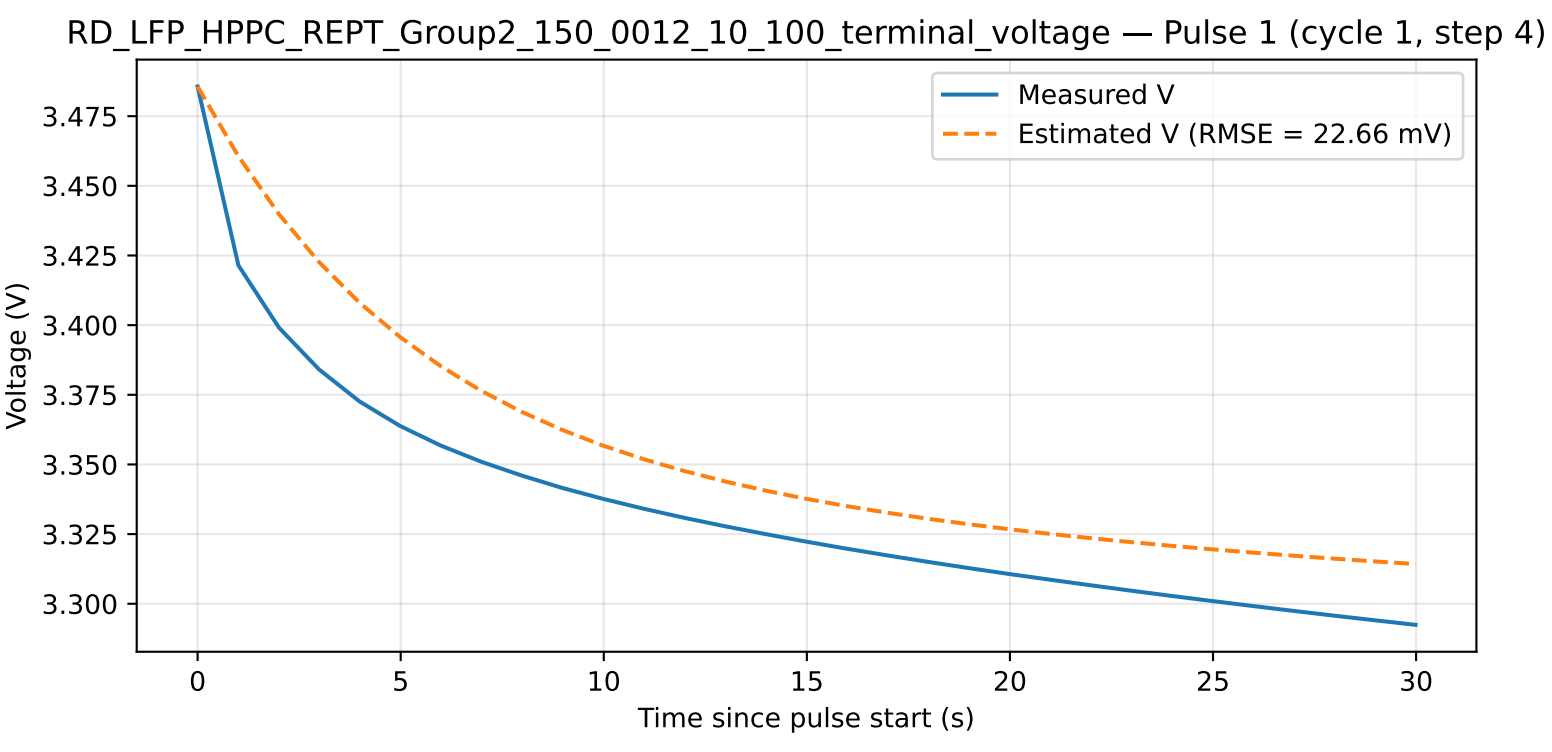

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 7.39 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

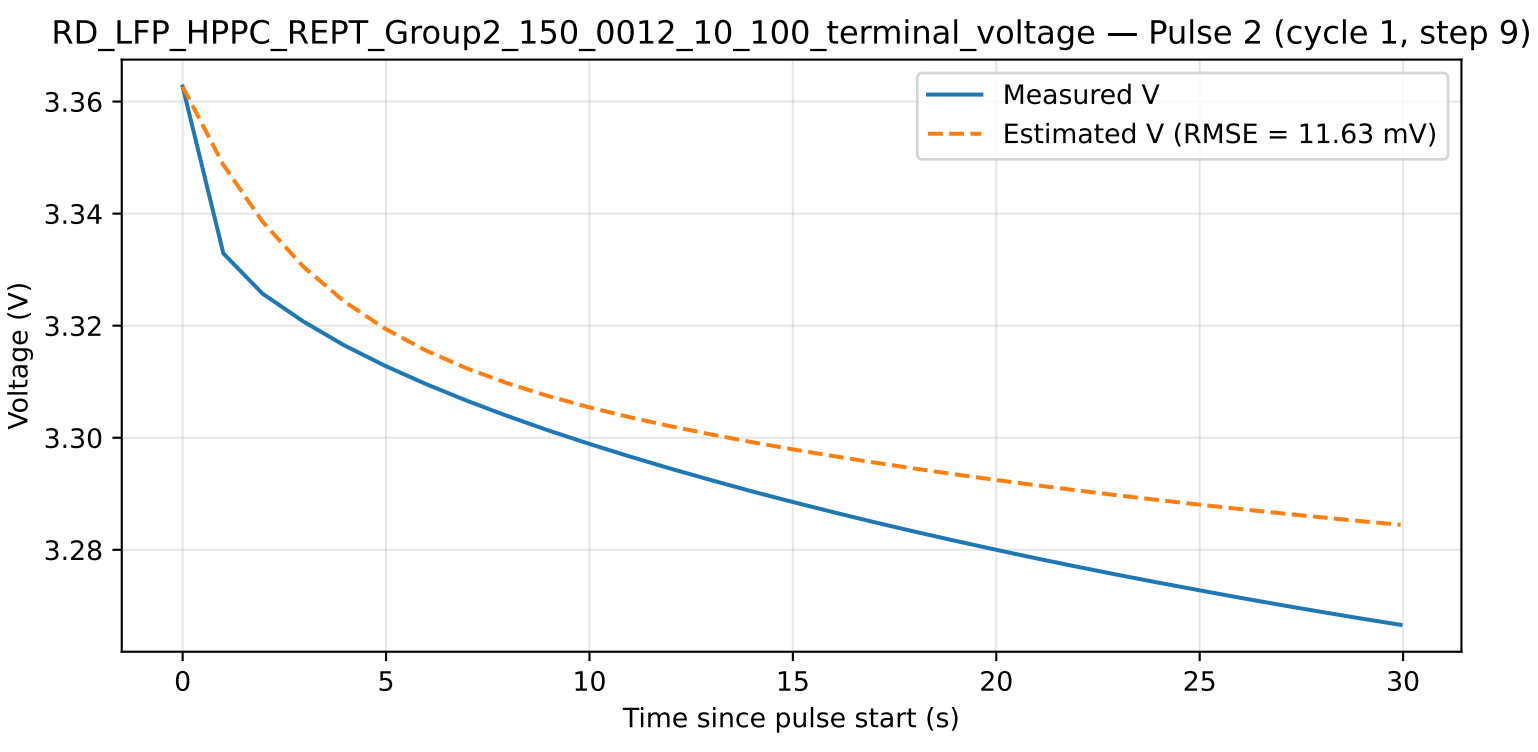

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.72 mV)
Voltage (V)
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

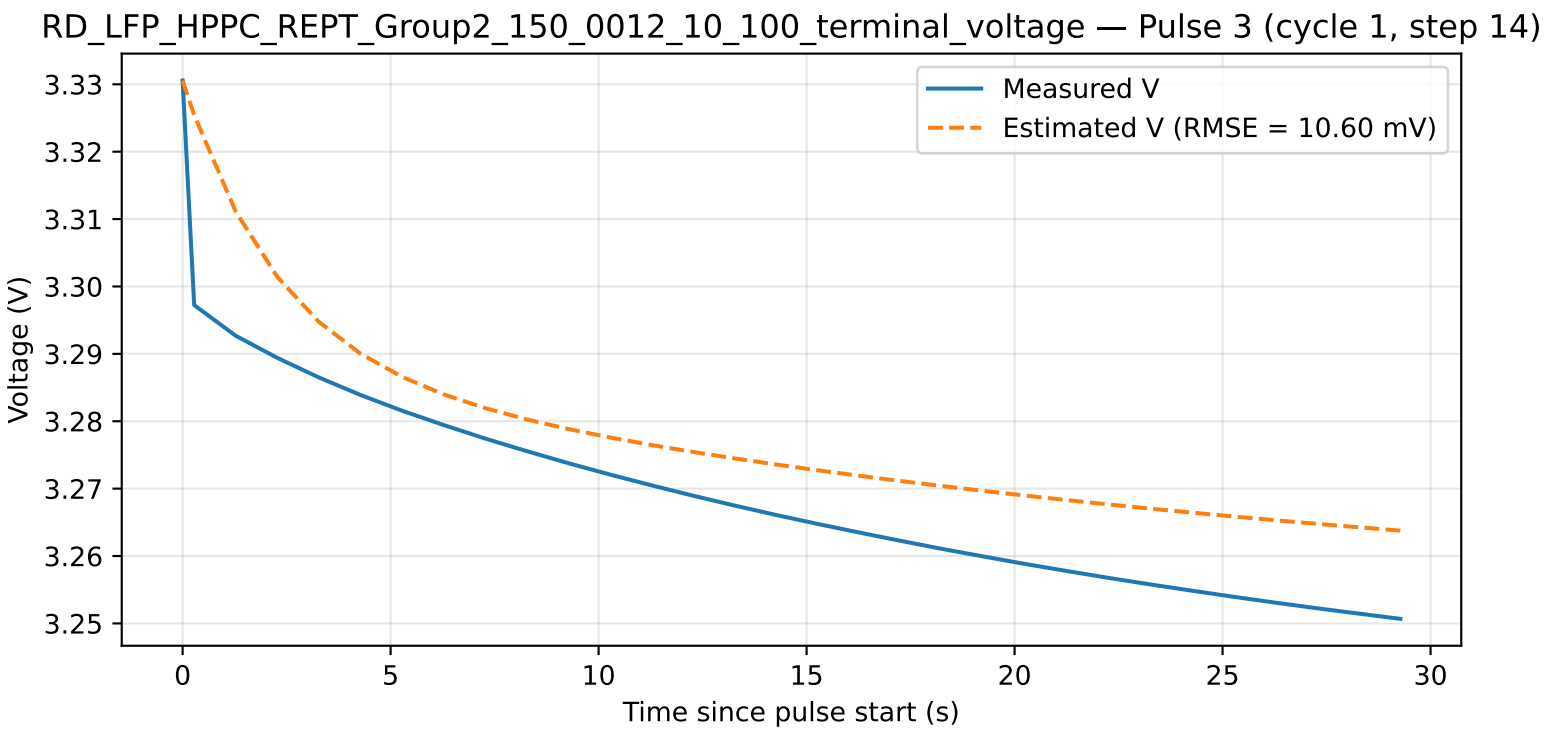

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.79 mV)
Voltage (V)
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

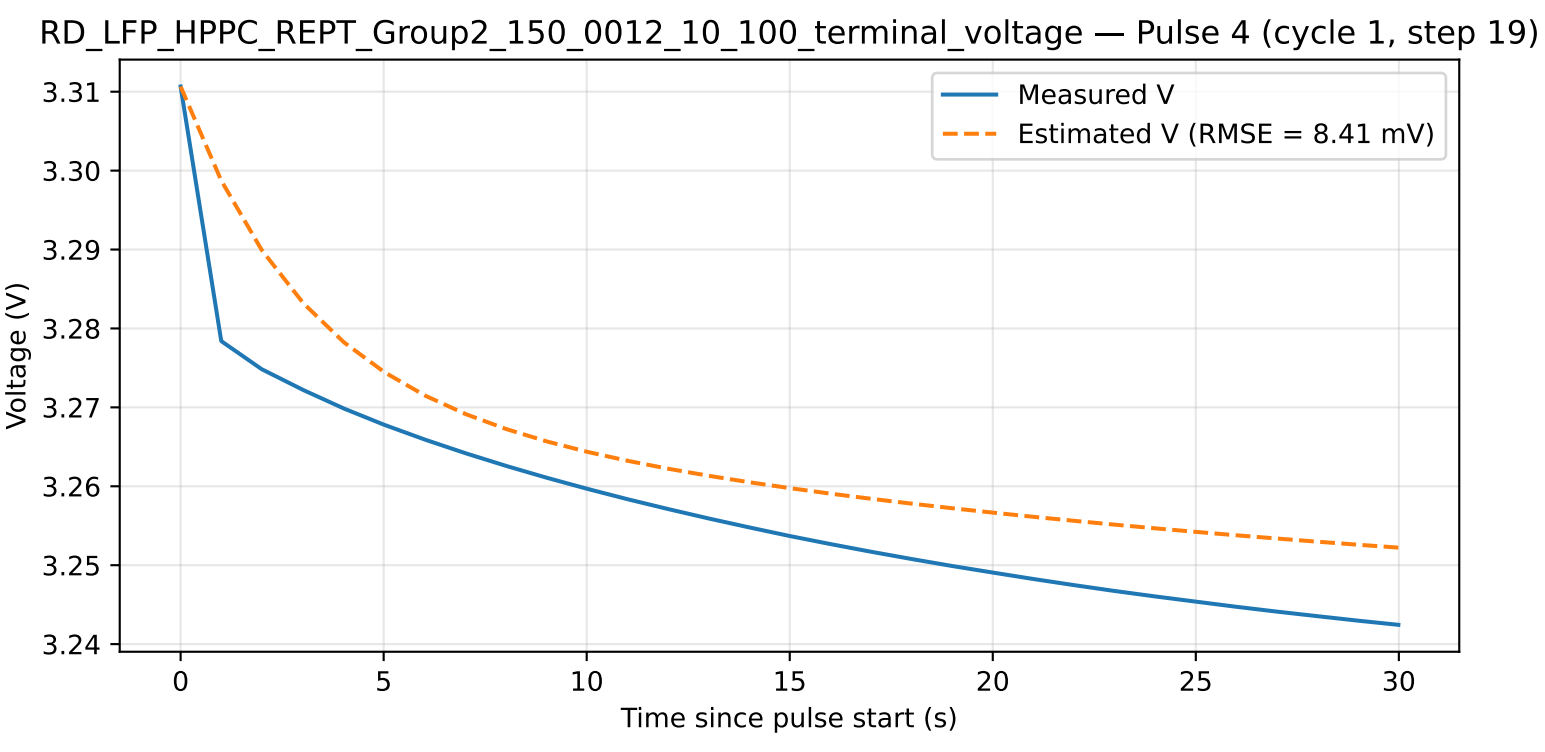

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.76 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

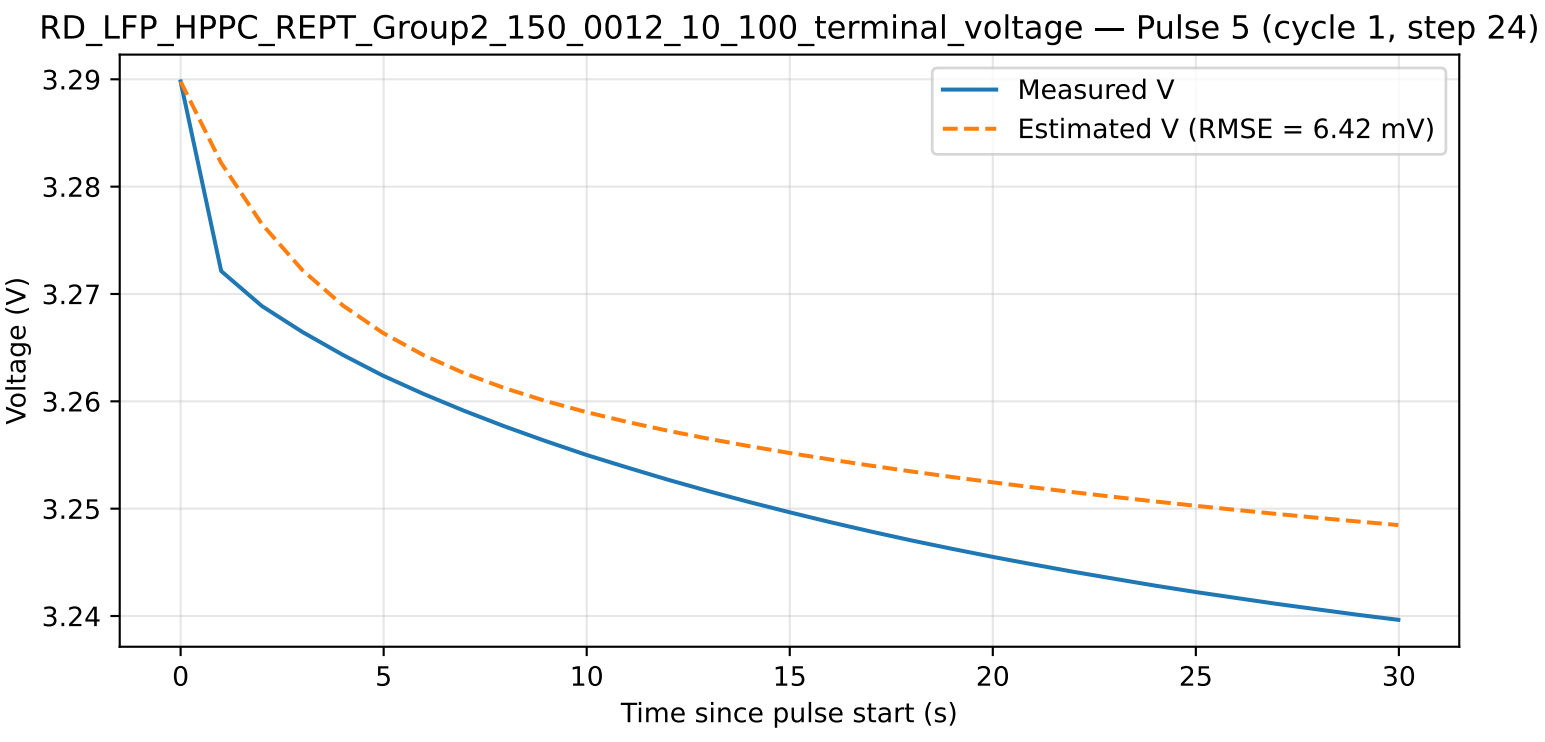

RD_LFP_HPPC_REPT_Group1_150_0080_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.35 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

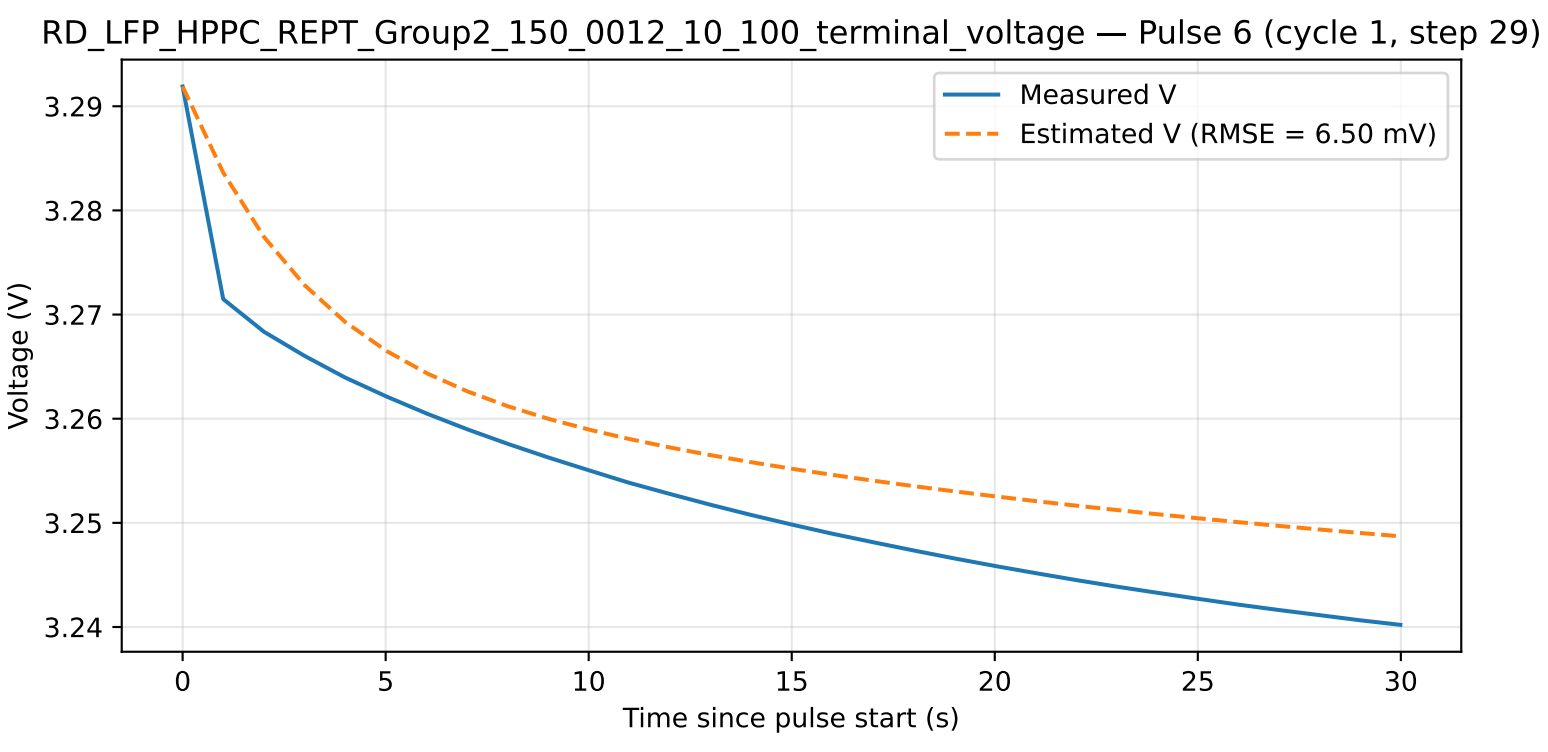

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 22.66 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

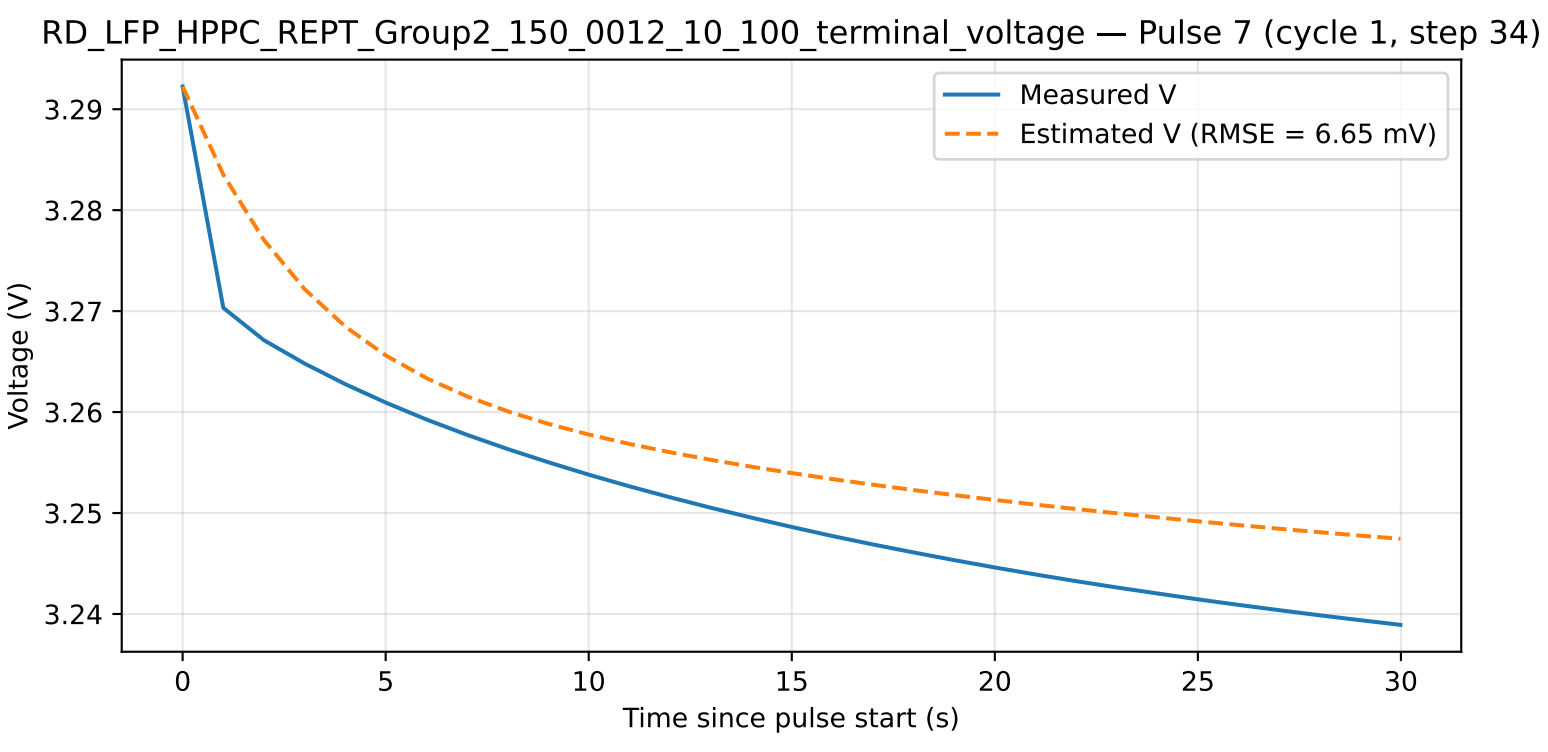

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 11.63 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
0
5
10
15
20
25
30
Time since pulse start (s)

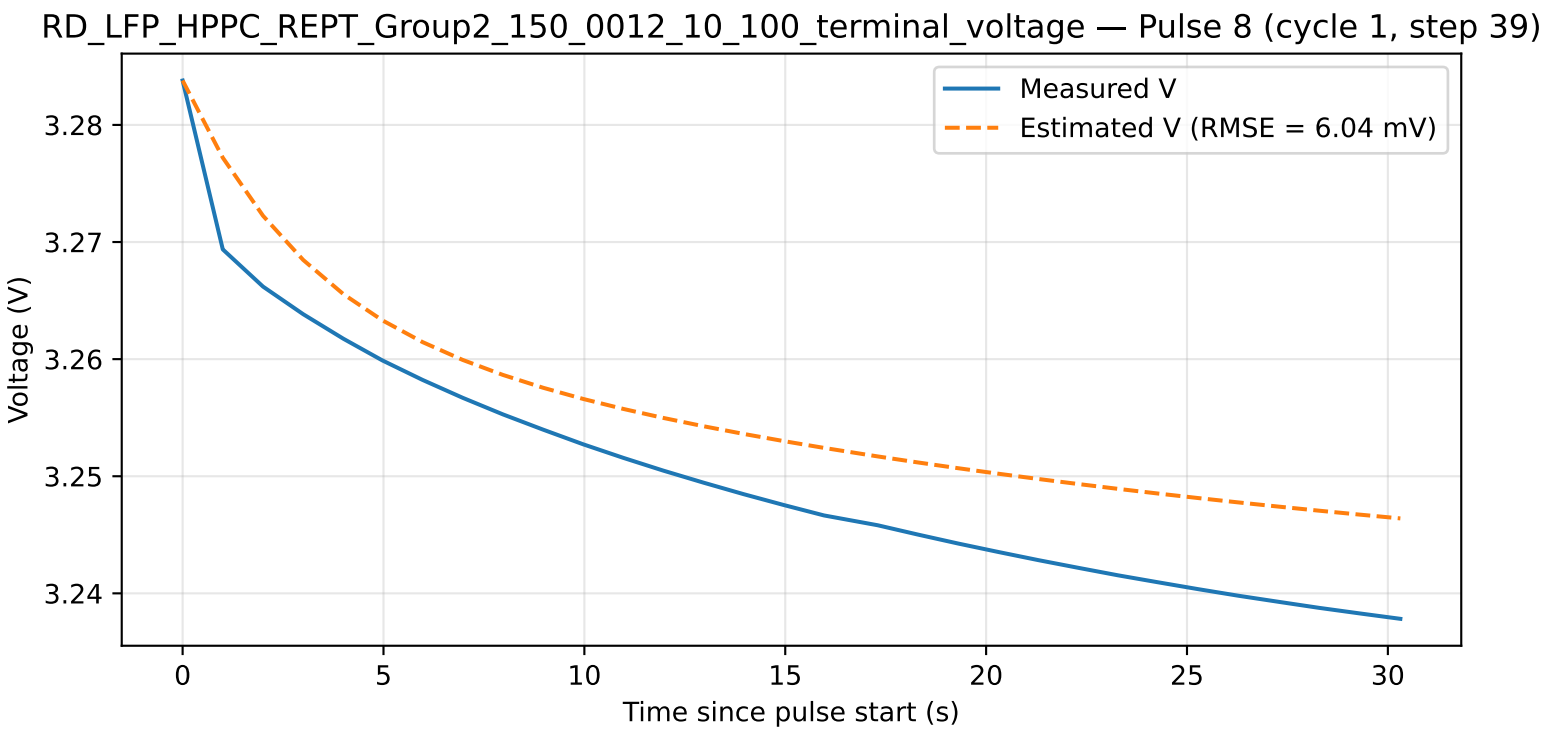

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 10.60 mV)
Voltage (V)
3.33
3.32
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

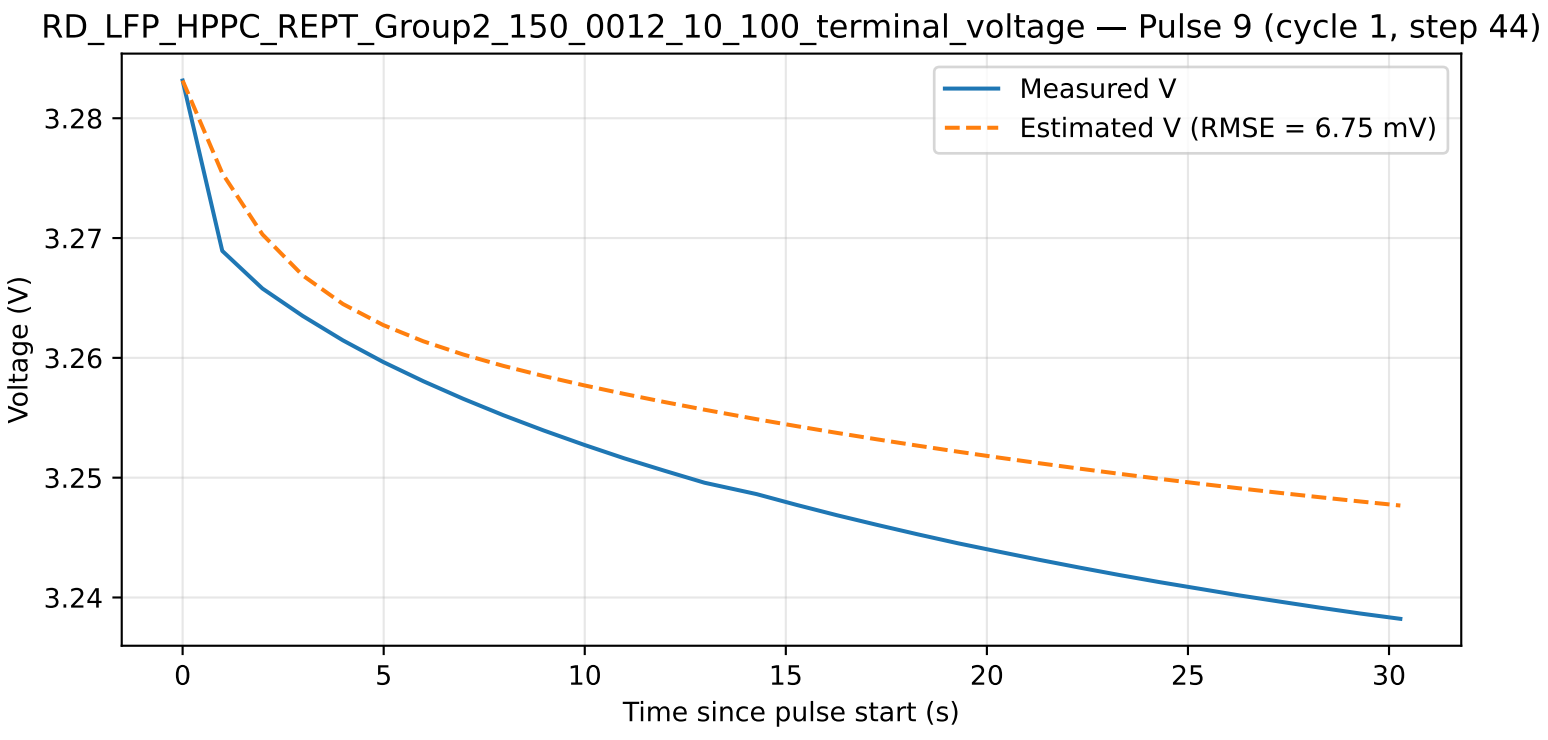

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 8.41 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

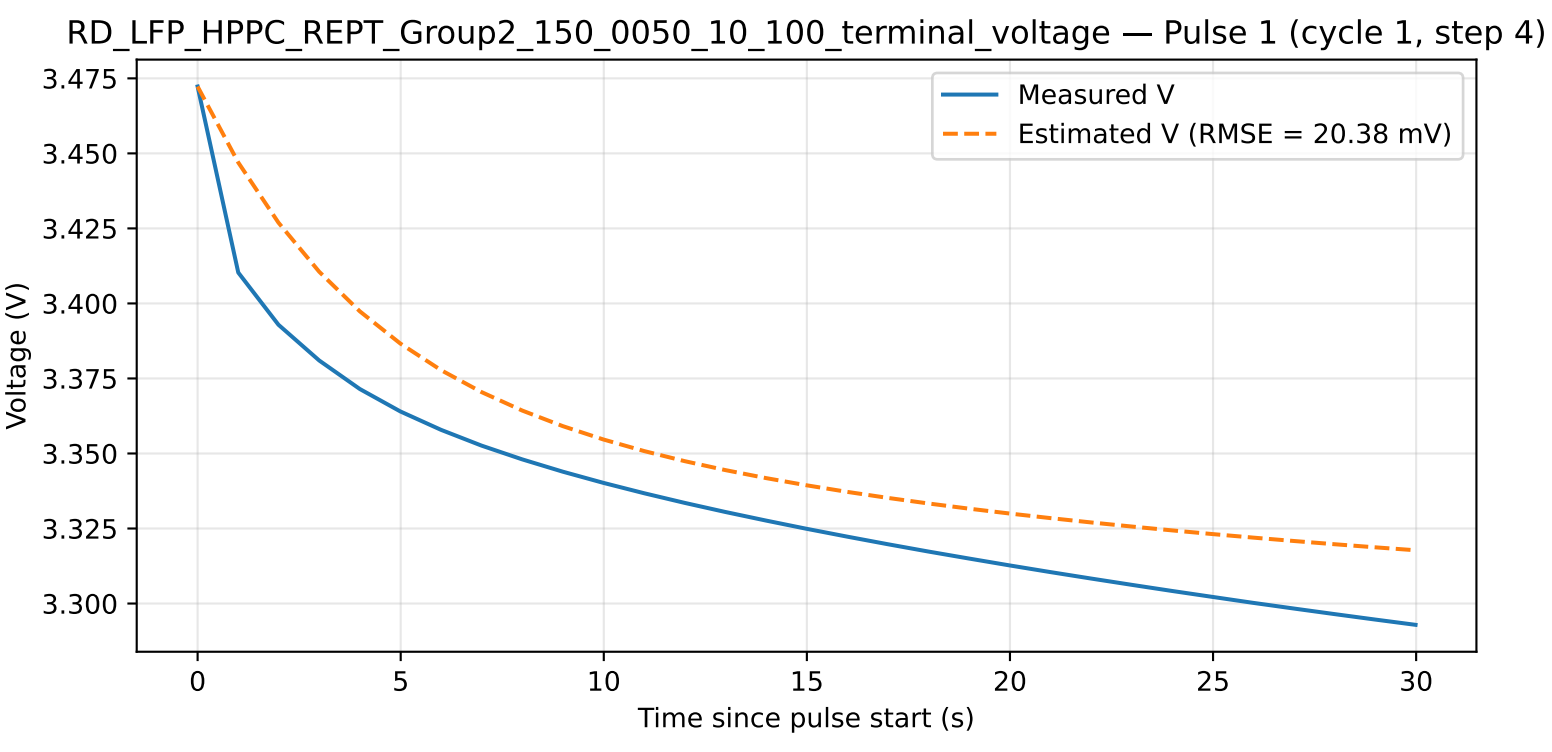

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 6.42 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

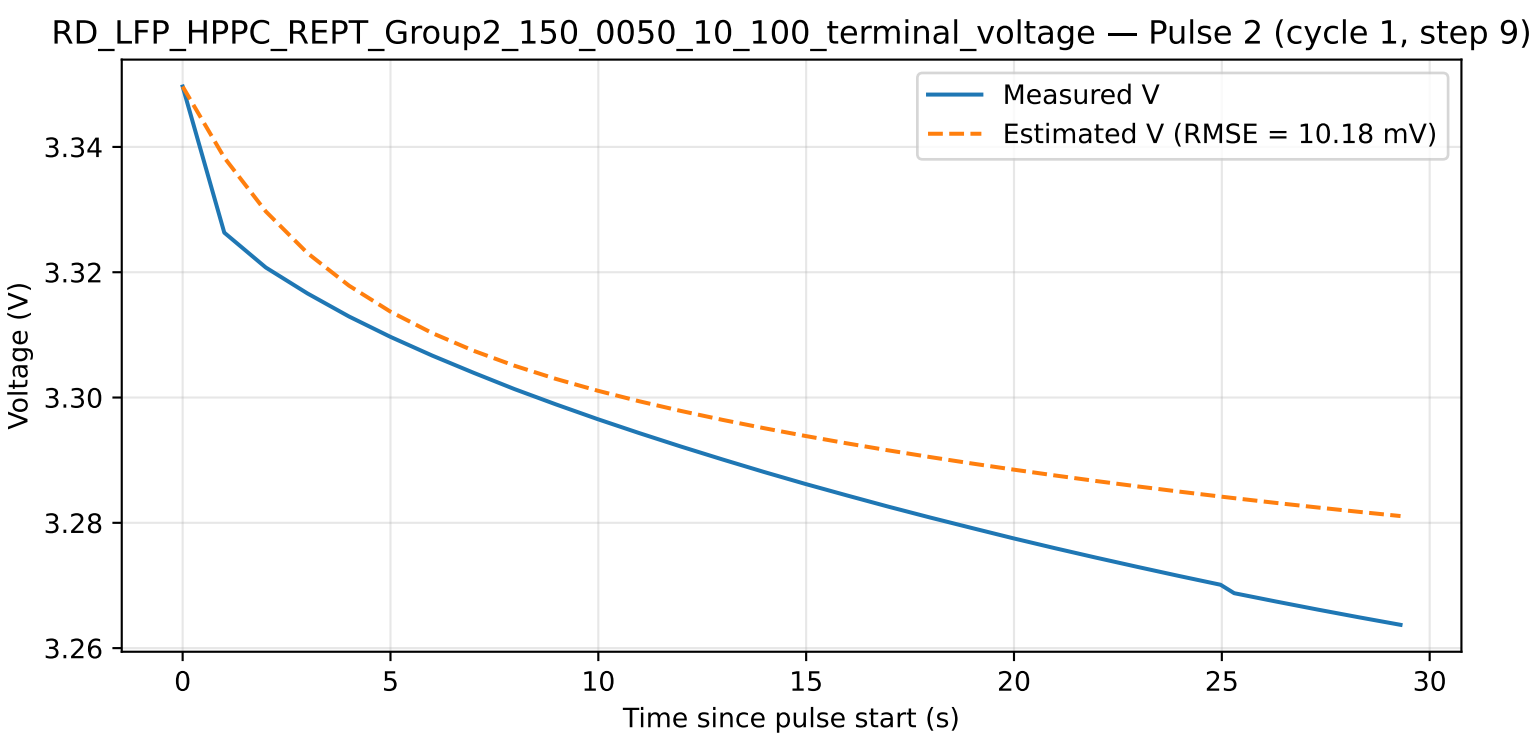

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.50 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

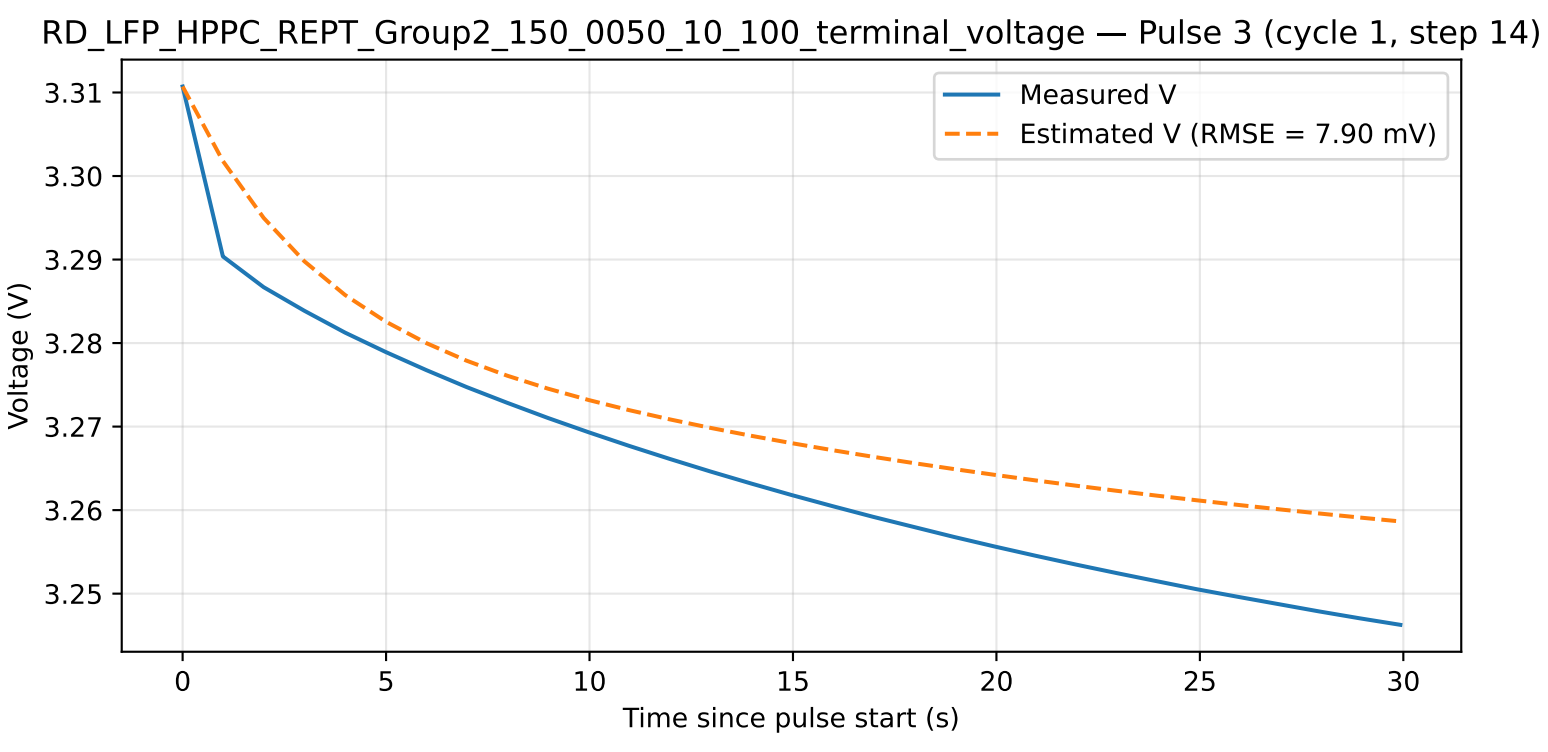

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 6.65 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

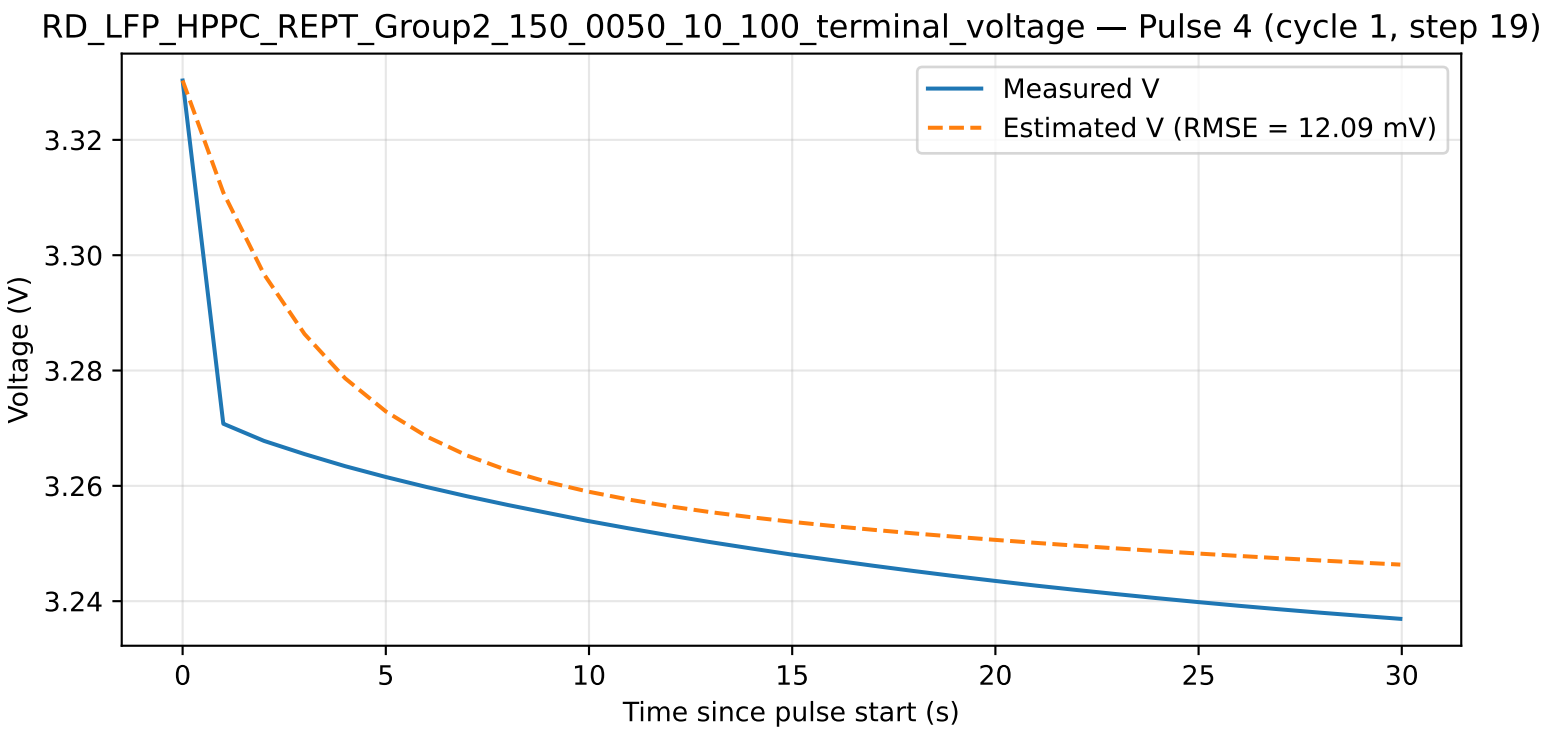

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 6.04 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

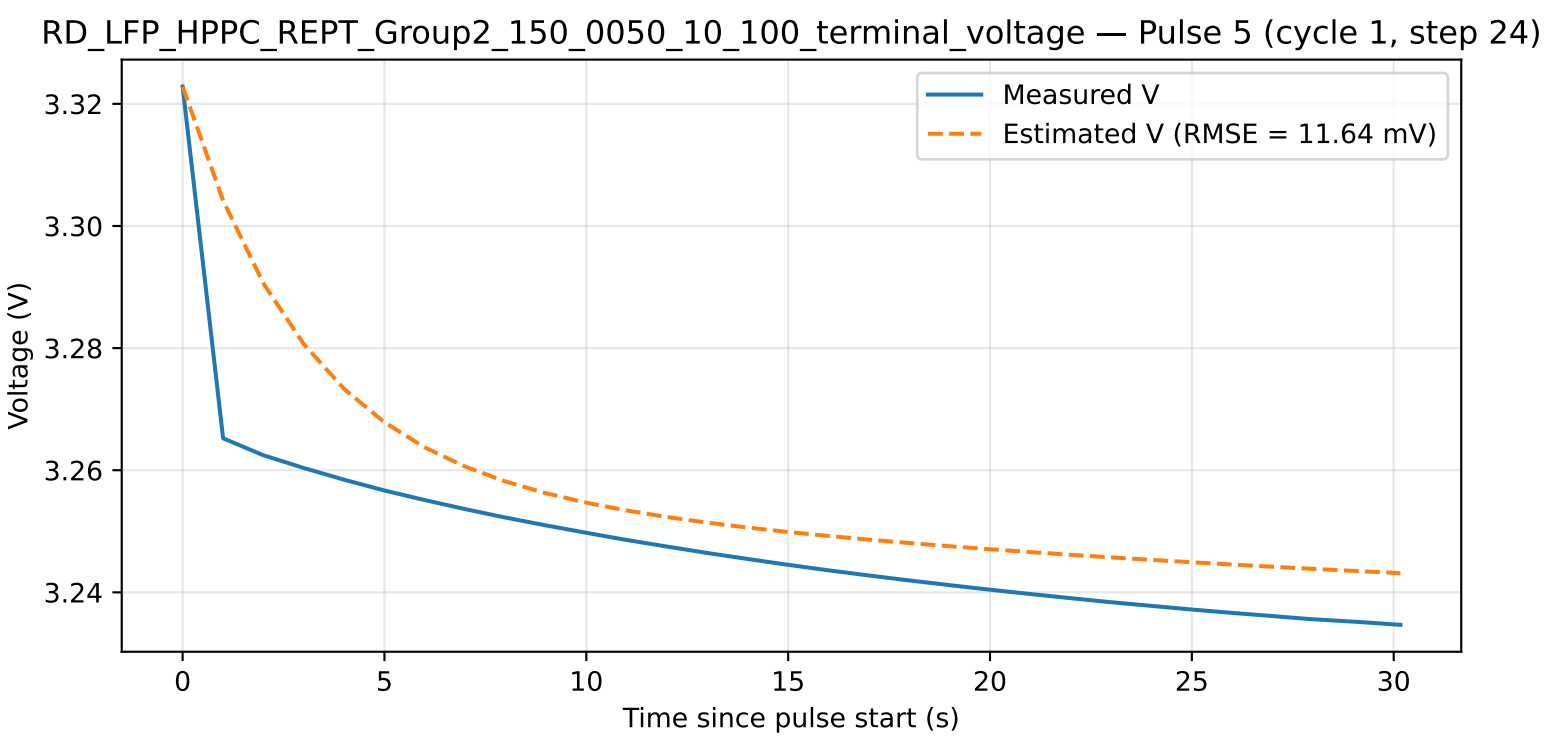

RD_LFP_HPPC_REPT_Group2_150_0012_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.75 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

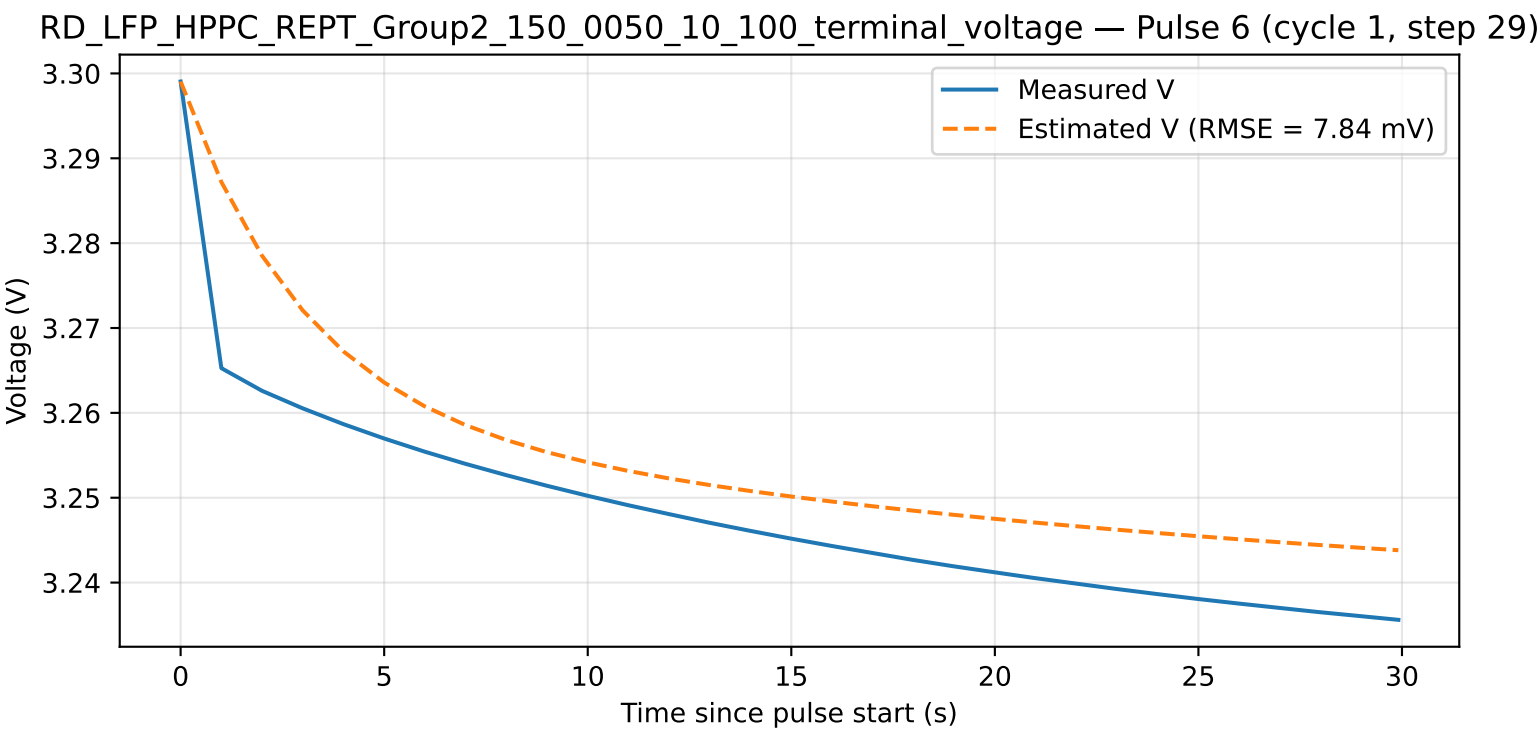

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 20.38 mV)
Voltage (V)
3.475
3.450
3.425
3.400
3.375
3.350
3.325
3.300
0
5
10
15
20
25
30
Time since pulse start (s)

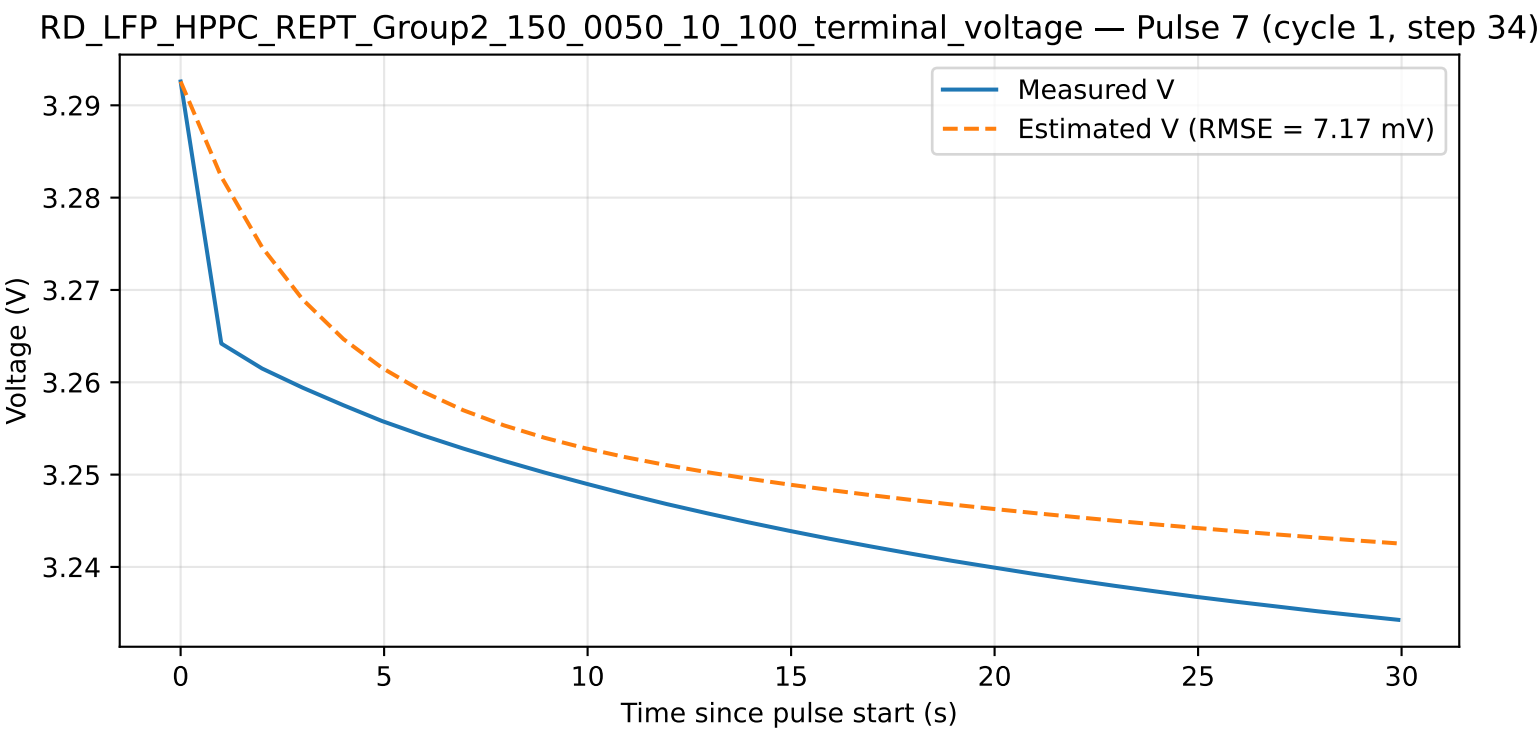

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 10.18 mV)
Voltage (V)
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

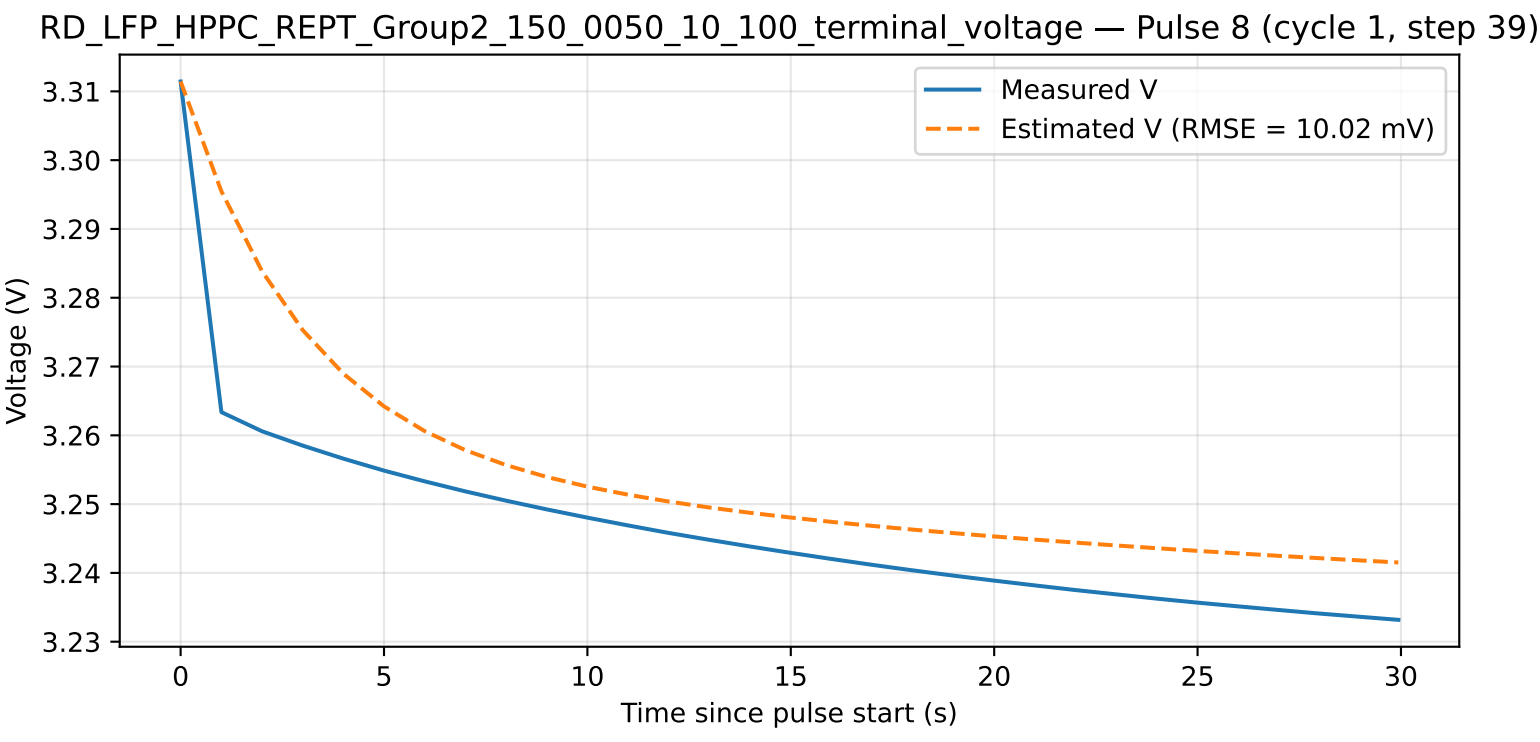

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.90 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

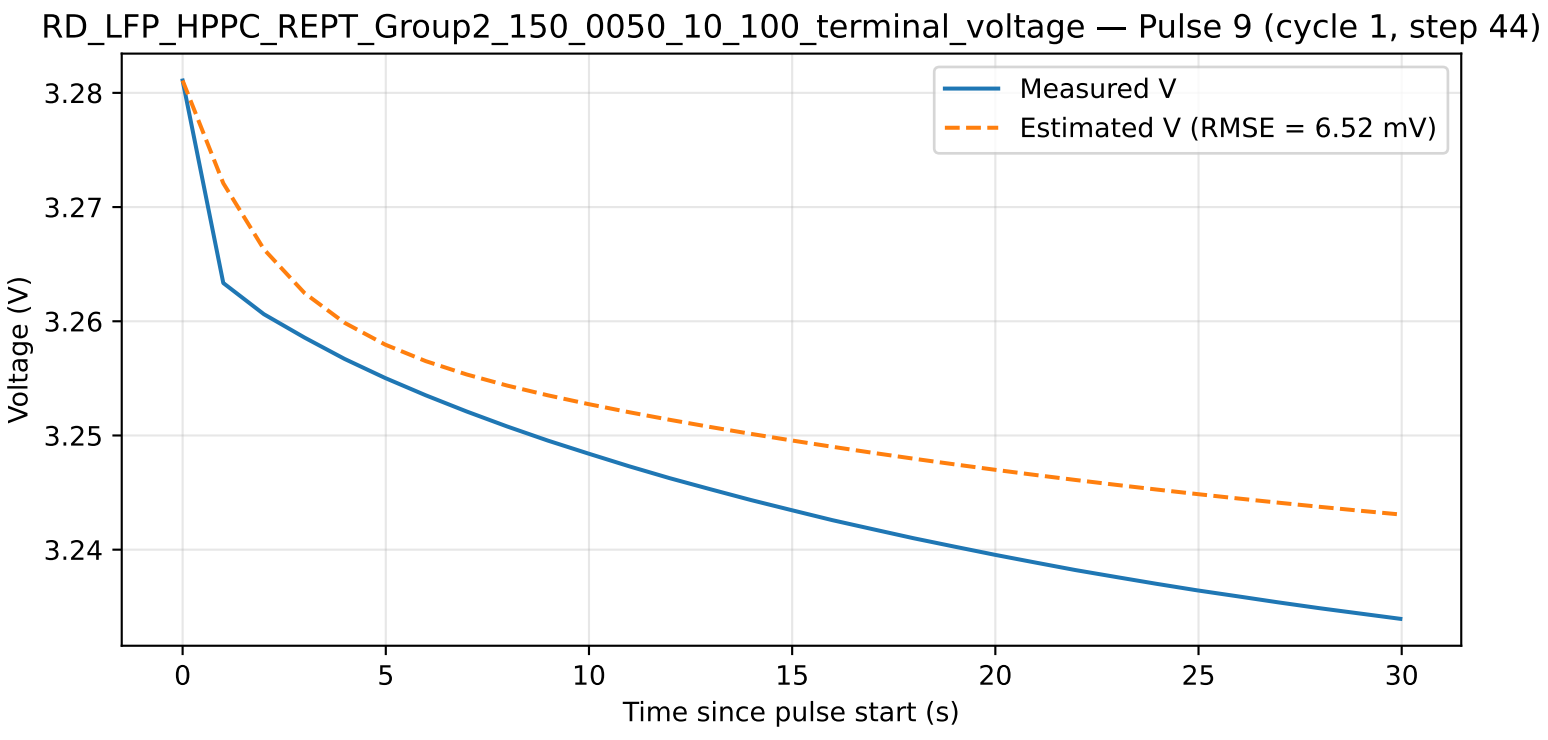

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 12.09 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

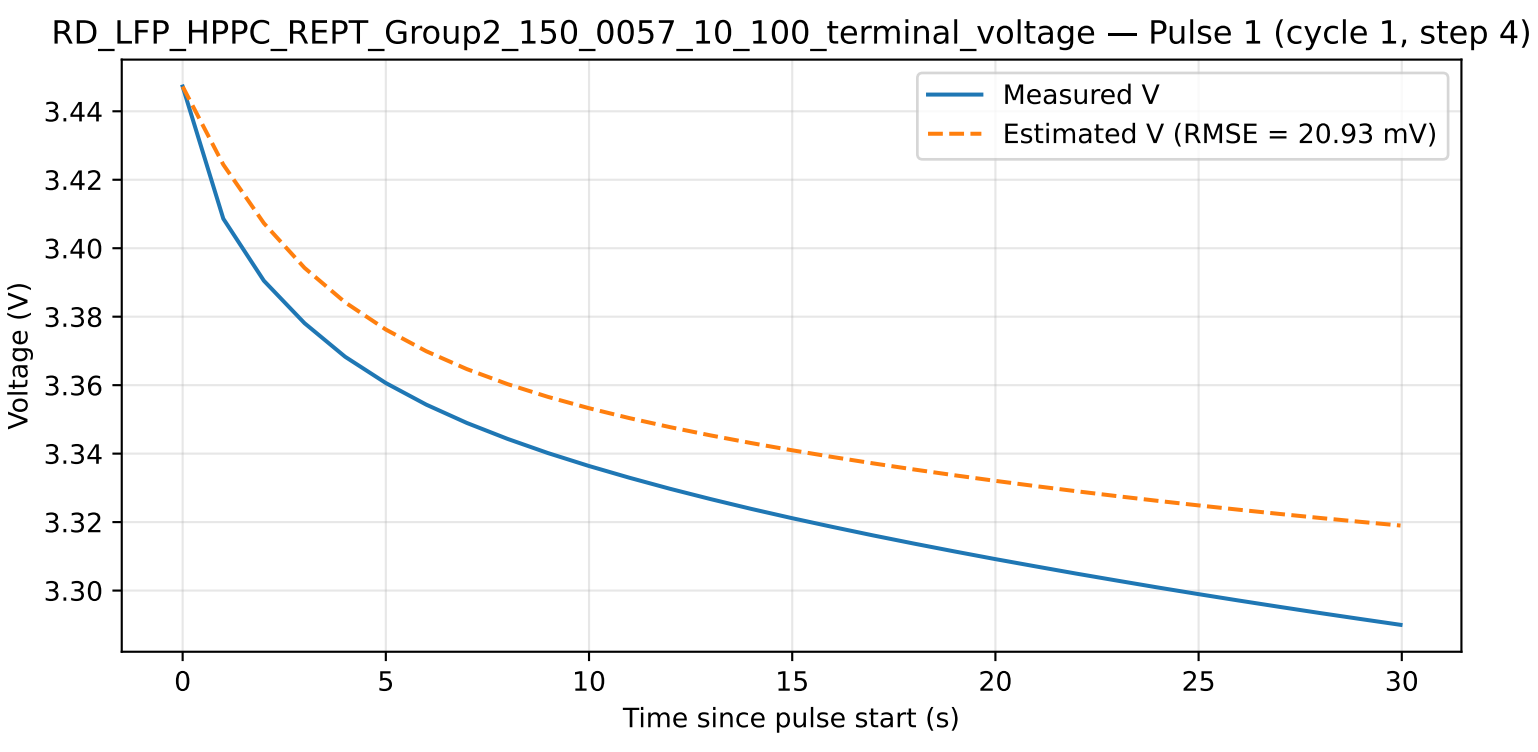

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 11.64 mV)
Voltage (V)
3.32
3.30
3.28
3.26
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

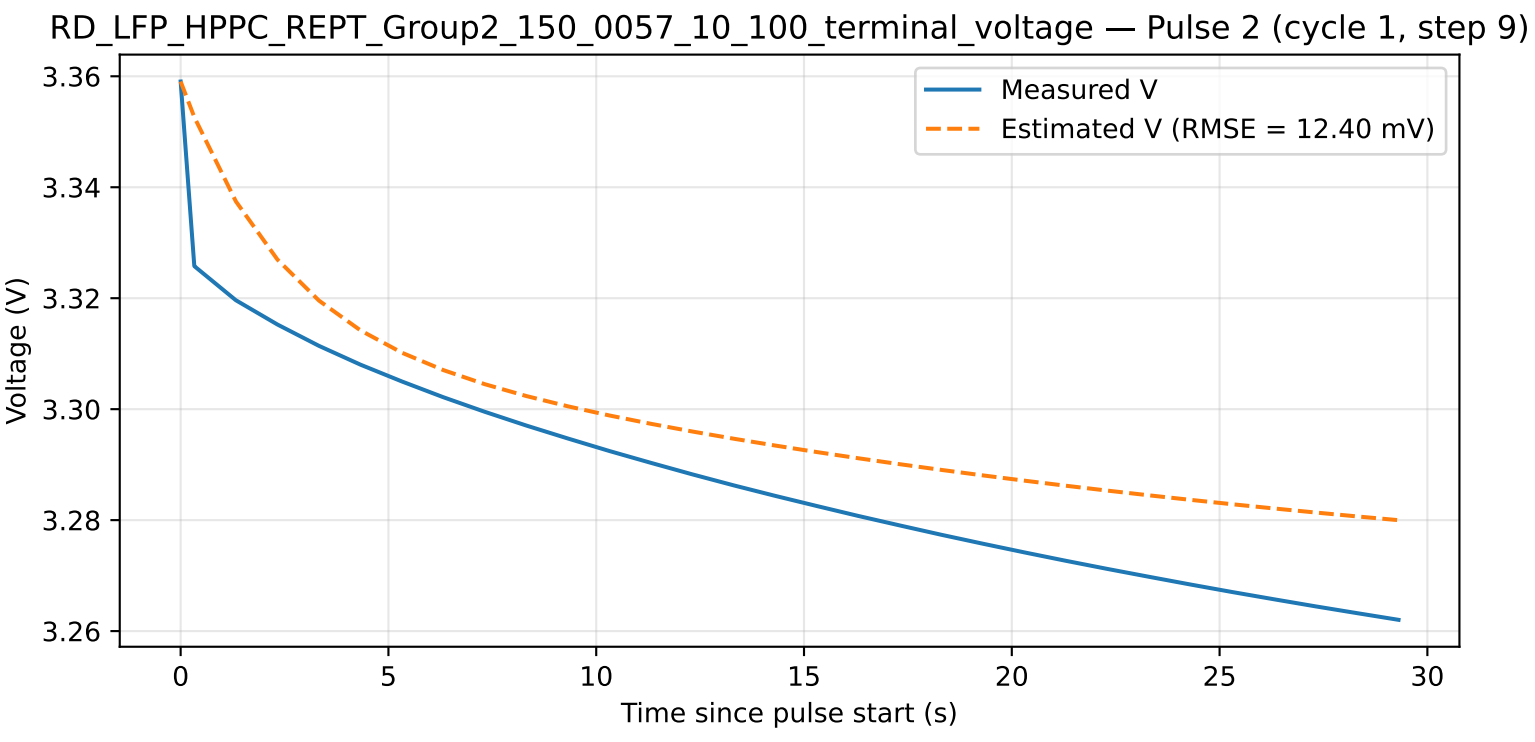

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 7.84 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

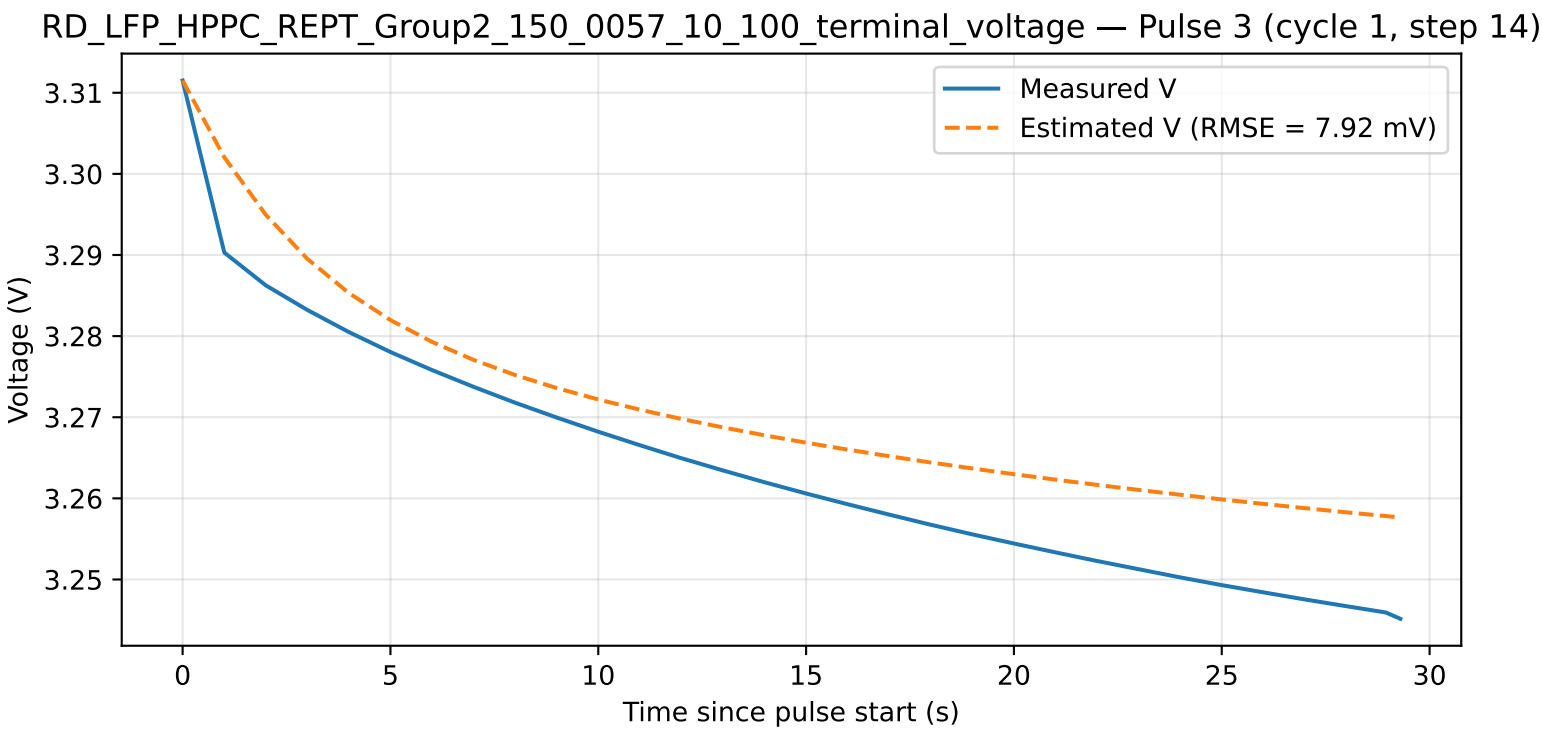

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 7.17 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

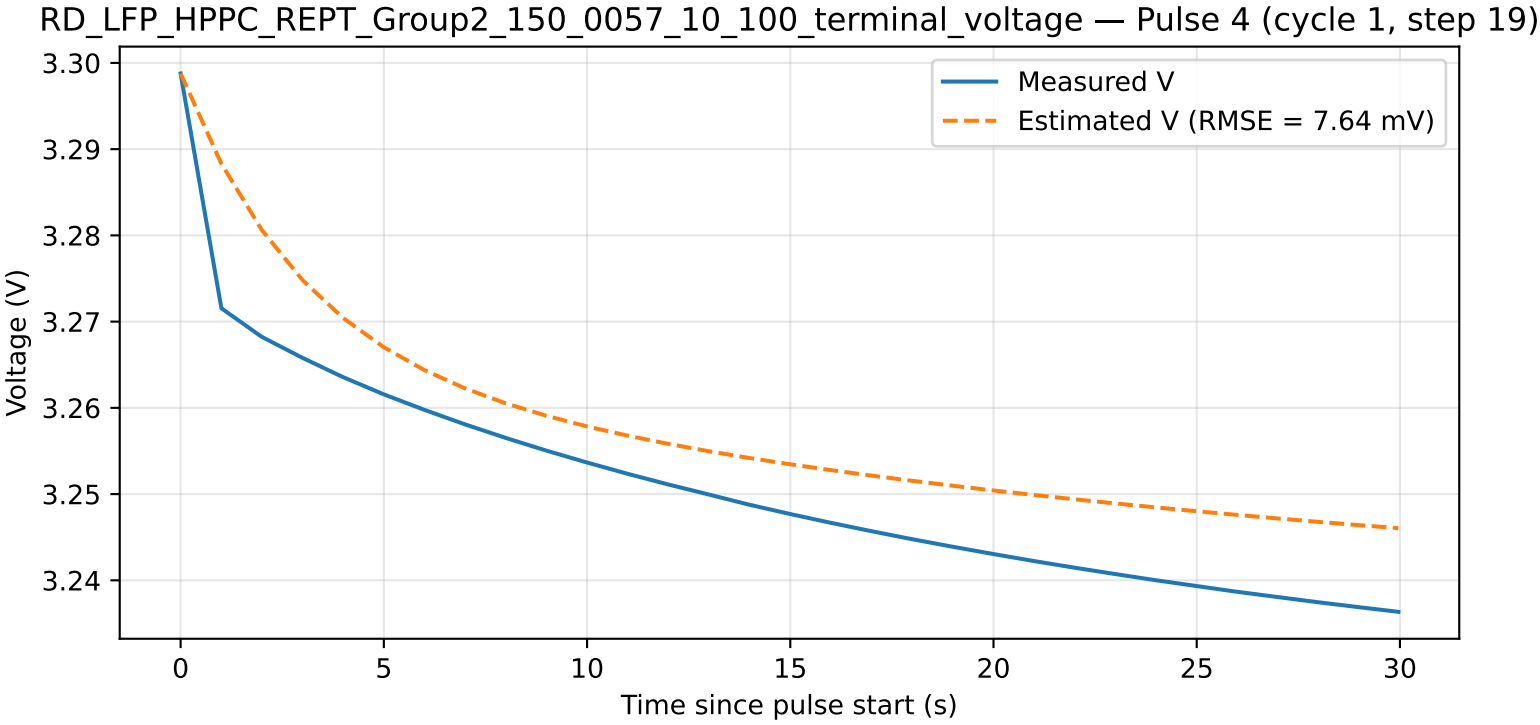

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 10.02 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)

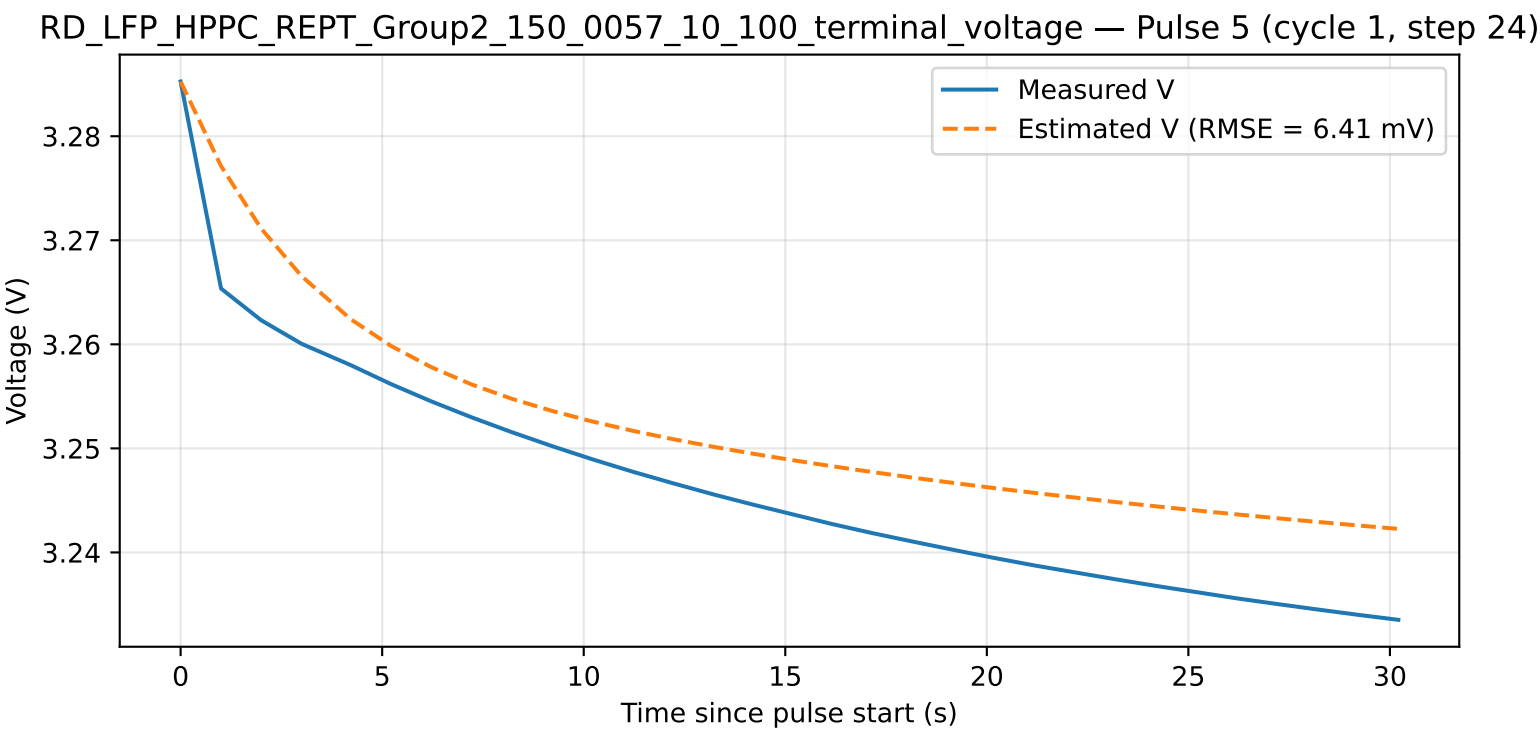

RD_LFP_HPPC_REPT_Group2_150_0050_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.52 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)

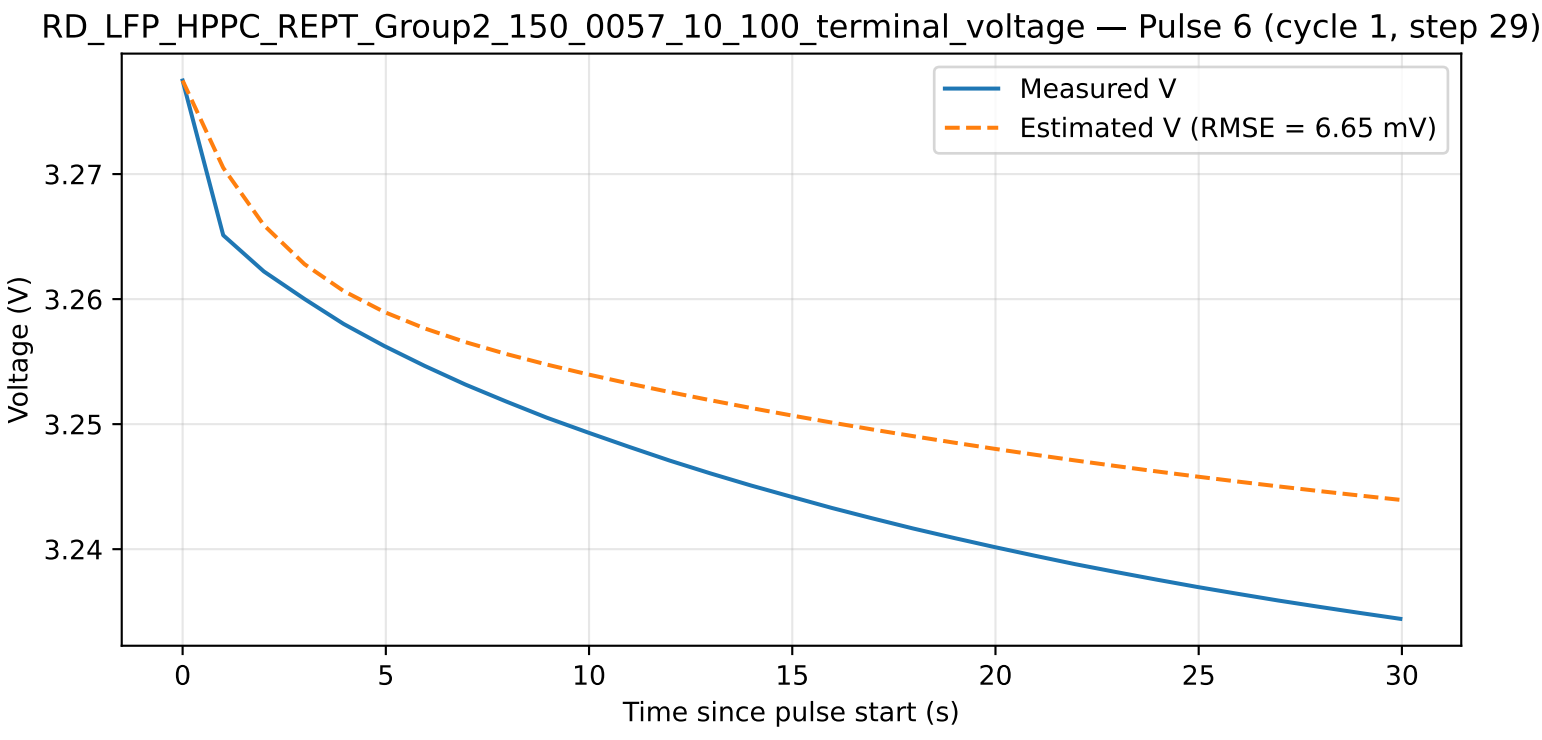

RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 1 (cycle 1, step 4)
Measured V
Estimated V (RMSE = 20.93 mV)
Voltage (V)
3.44
3.42
3.40
3.38
3.36
3.34
3.32
3.30
0
5
10
15
20
25
30
Time since pulse start (s)

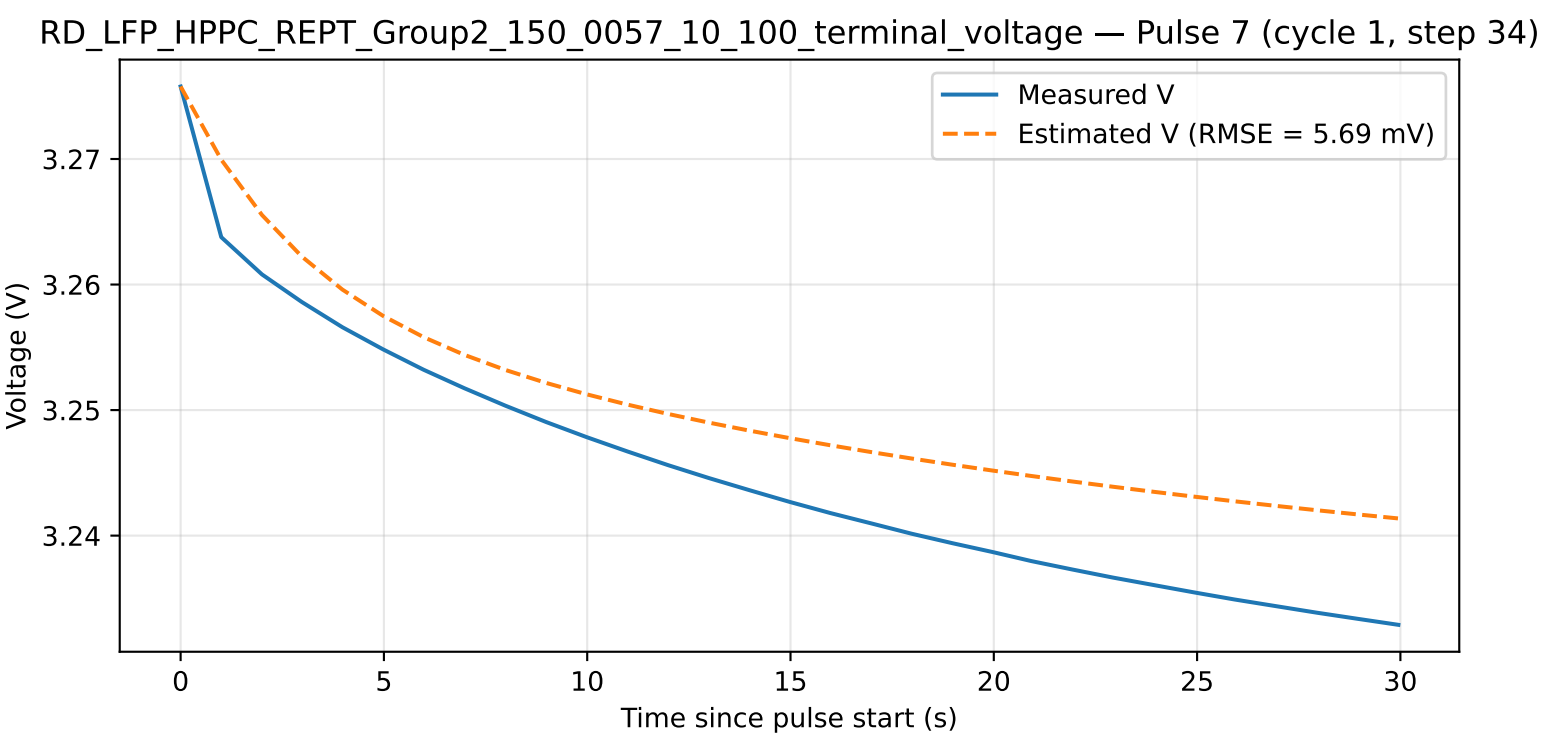

RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 2 (cycle 1, step 9)
Measured V
Estimated V (RMSE = 12.40 mV)
Voltage (V)
3.36
3.34
3.32
3.30
3.28
3.26
0
5
10
15
20
25
30
Time since pulse start (s)

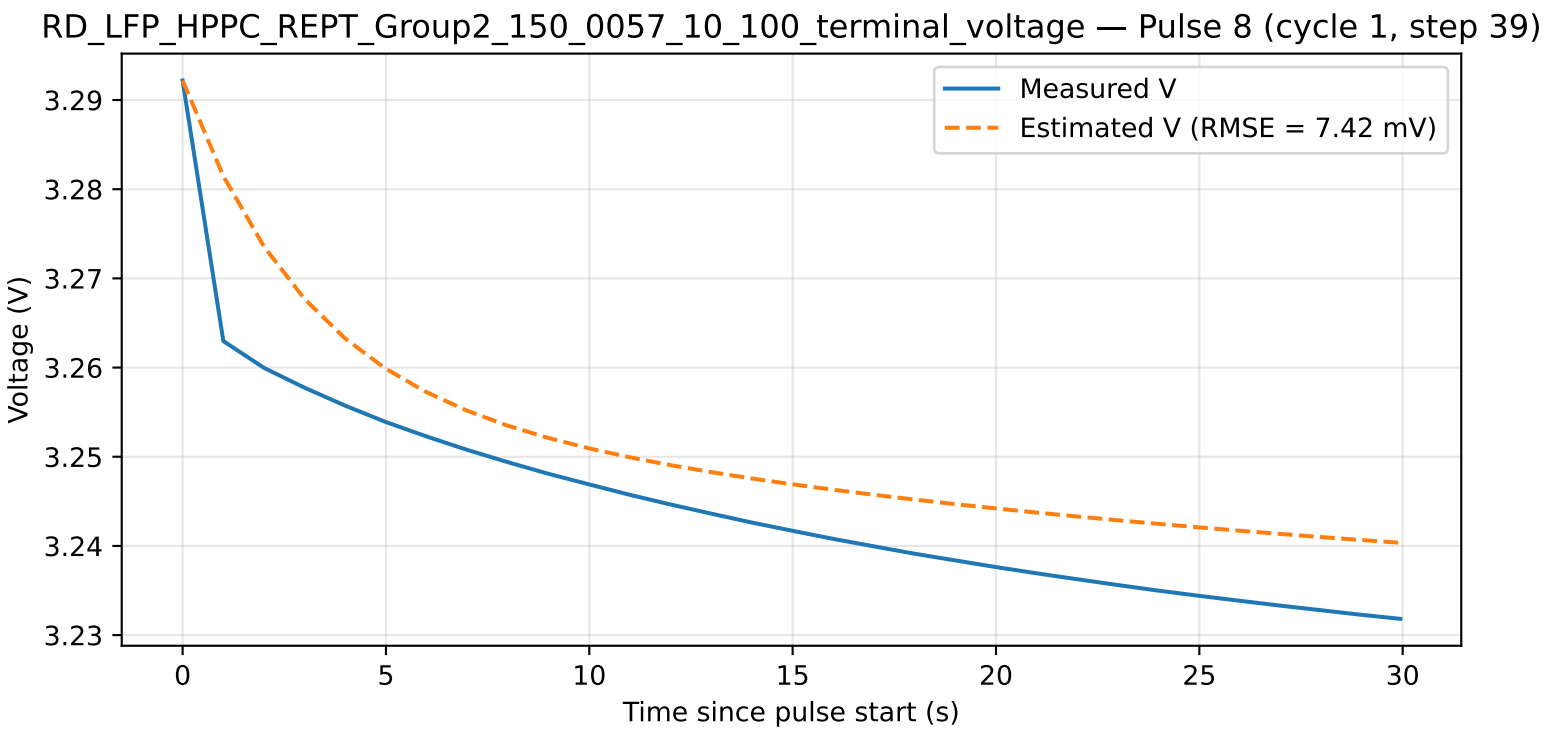

RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 3 (cycle 1, step 14)
Measured V
Estimated V (RMSE = 7.92 mV)
Voltage (V)
3.31
3.30
3.29
3.28
3.27
3.26
3.25
0
5
10
15
20
25
30
Time since pulse start (s)

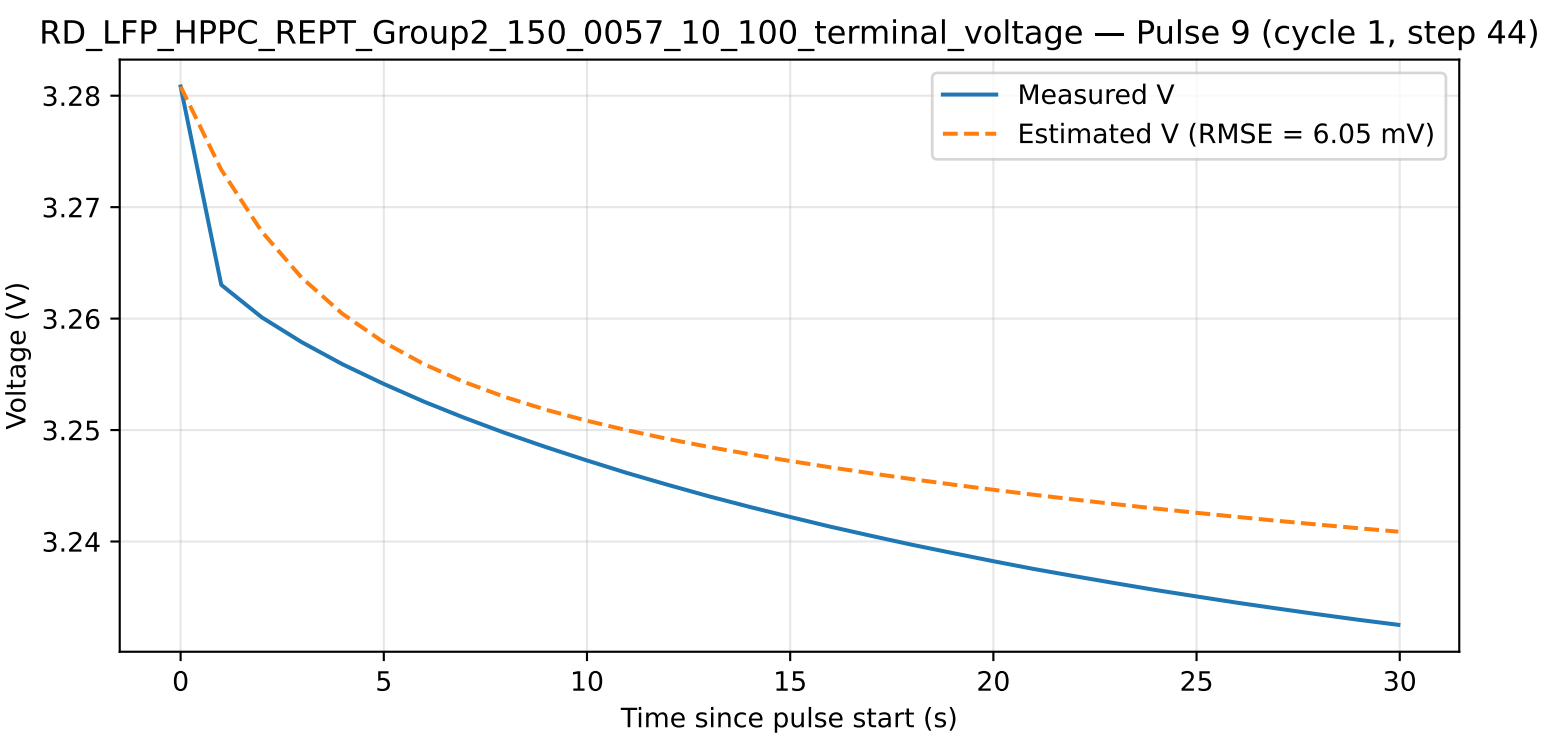

RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 4 (cycle 1, step 19)
Measured V
Estimated V (RMSE = 7.64 mV)
Voltage (V)
3.30
3.29
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)


RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 5 (cycle 1, step 24)
Measured V
Estimated V (RMSE = 6.41 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)


RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 6 (cycle 1, step 29)
Measured V
Estimated V (RMSE = 6.65 mV)
Voltage (V)
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)


RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 7 (cycle 1, step 34)
Measured V
Estimated V (RMSE = 5.69 mV)
Voltage (V)
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)


RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 8 (cycle 1, step 39)
Measured V
Estimated V (RMSE = 7.42 mV)
Voltage (V)
3.29
3.28
3.27
3.26
3.25
3.24
3.23
0
5
10
15
20
25
30
Time since pulse start (s)


RD_LFP_HPPC_REPT_Group2_150_0057_10_100_terminal_voltage — Pulse 9 (cycle 1, step 44)
Measured V
Estimated V (RMSE = 6.05 mV)
Voltage (V)
3.28
3.27
3.26
3.25
3.24
0
5
10
15
20
25
30
Time since pulse start (s)