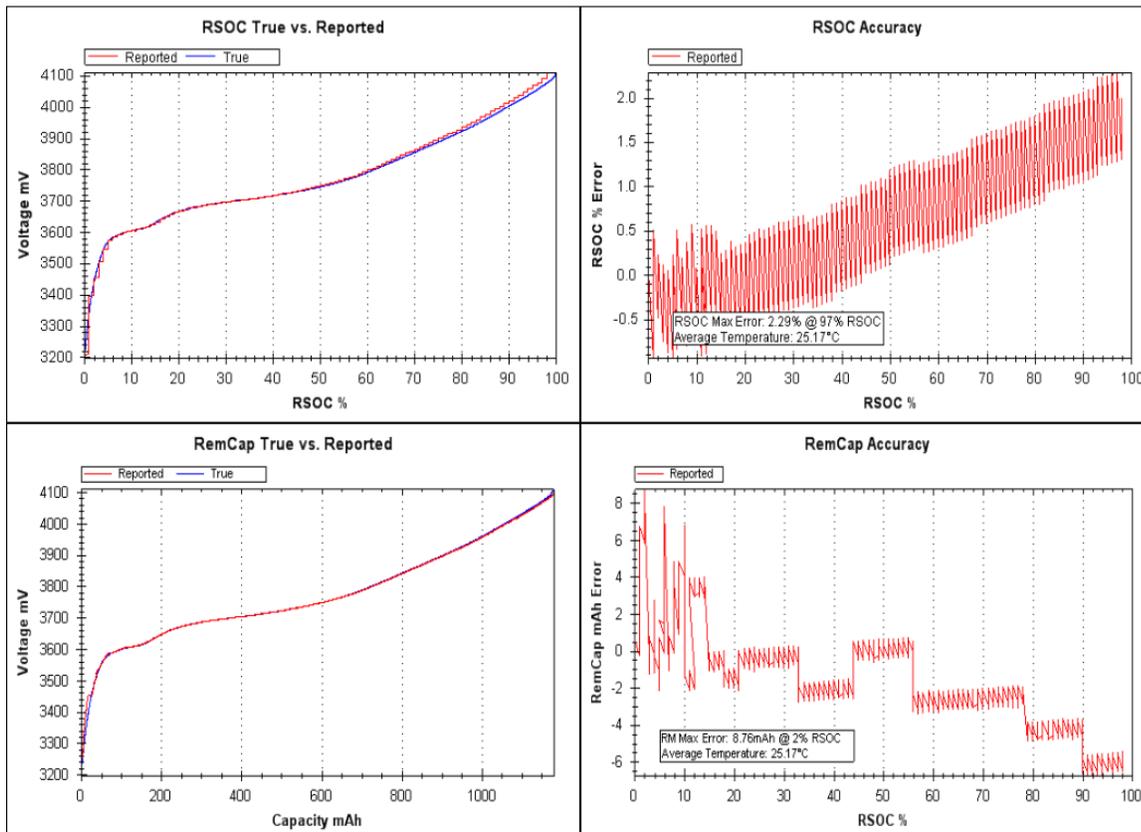


TIDA-00029 Test Setup

- Hardware
 - bq27530-G1 EVM
 - Keithley 2420 Supply/Load
 - 4.2V LION battery
- Software
 - bqEVSU for logging
- Test
 - Complete the optimization cycle to update the Ra table and Qmax
 - Charge the pack to full
 - Discharge the pack to empty at a C/5 rate, while logging data
 - Compared gauge reported SOC to true passed charge accumulated

bq27530-G1 Gauging Accuracy

DataRAM.log
Discharge Cycle 2



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