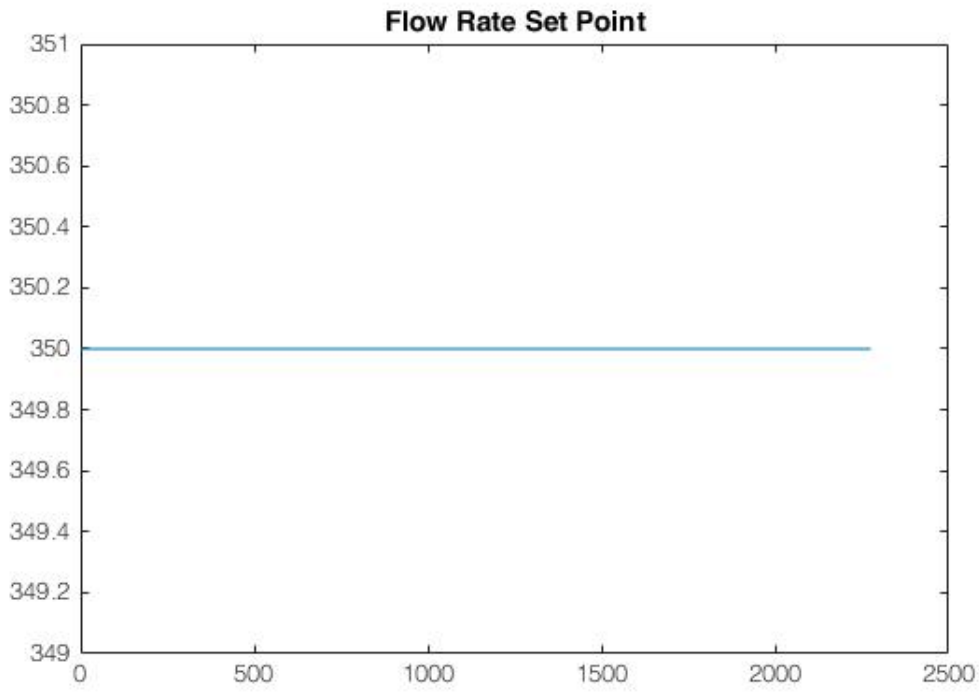
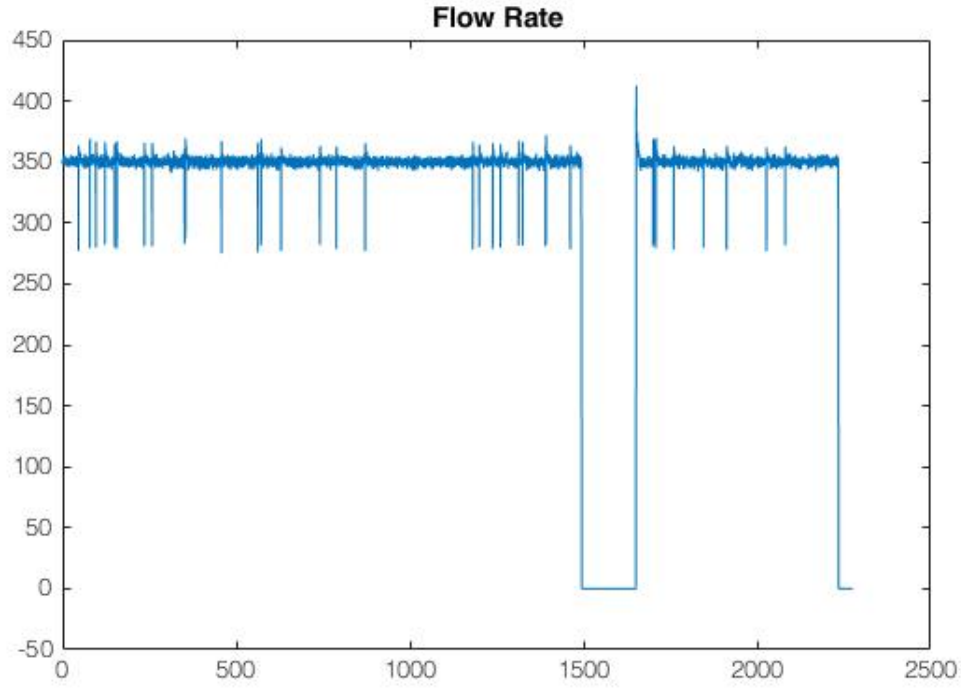
QASPER Performance Test Report

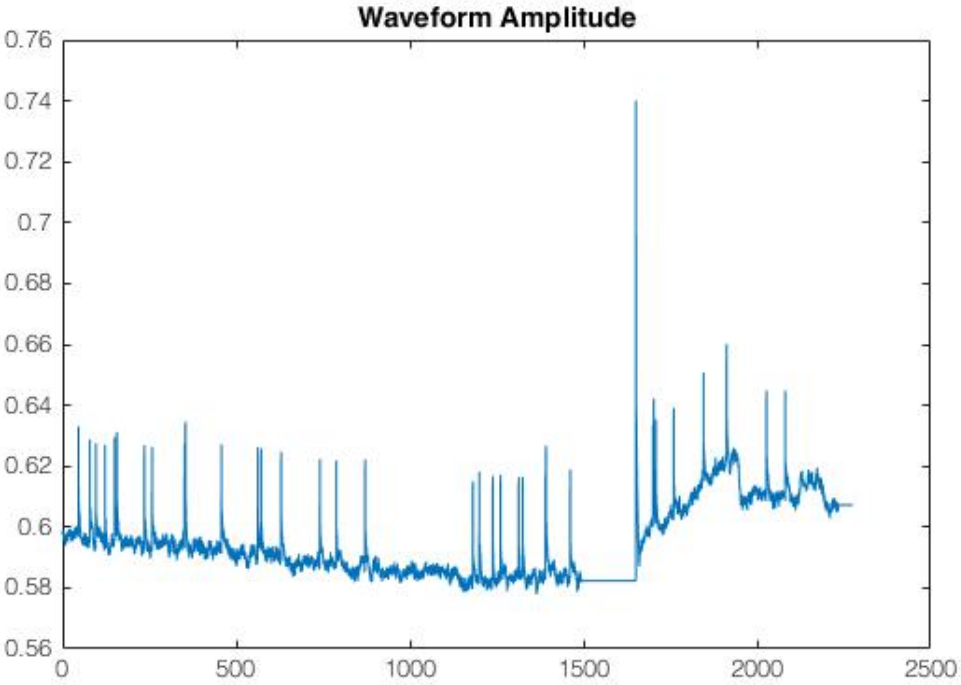
Session Data Generated: 16-May-2018 15:05:15
Report Generated on: 25-Jun-2018 18:24:10
MCU UID: 002E0042414E511520303134
Qasper Control Software Version: 0.2.0
Firmware Version: 0.2.0
Flow Rate Set Point
Test Flow Rate = 350ml/min
Mean Flow Rate Set Point = 350 ± 0ml/min



Flow Rate
Test Flow Rate = 350ml/min
Mean Flow Rate = 319.6822 ± 98.6329ml/min

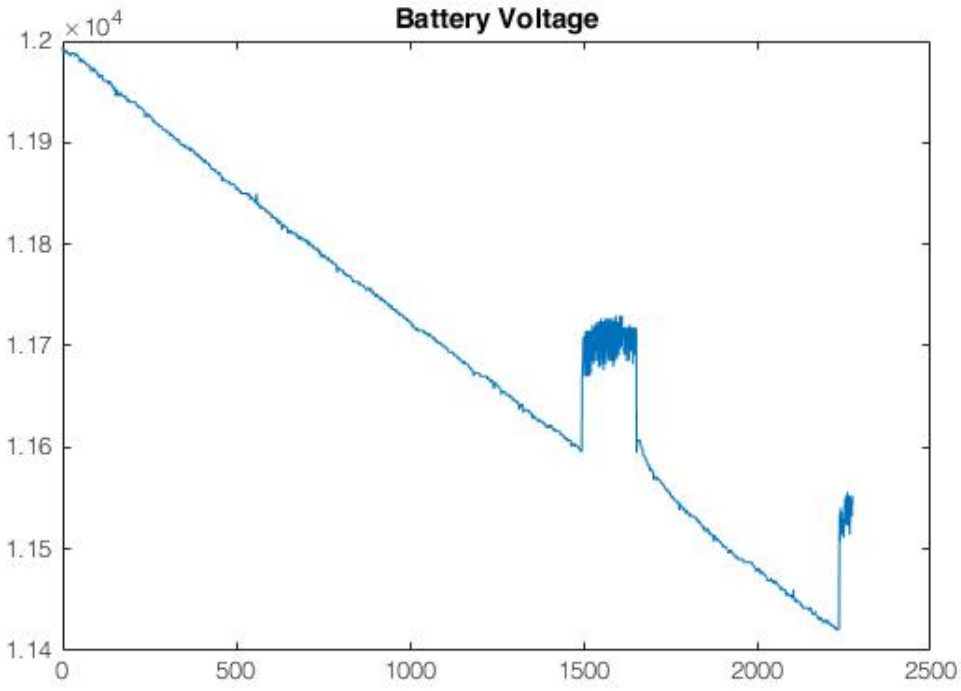


Waveform Amplitude
Test Flow Rate = 350ml/min
Mean Waveform Amplitude = 0.59489 ± 0.011821a.u.

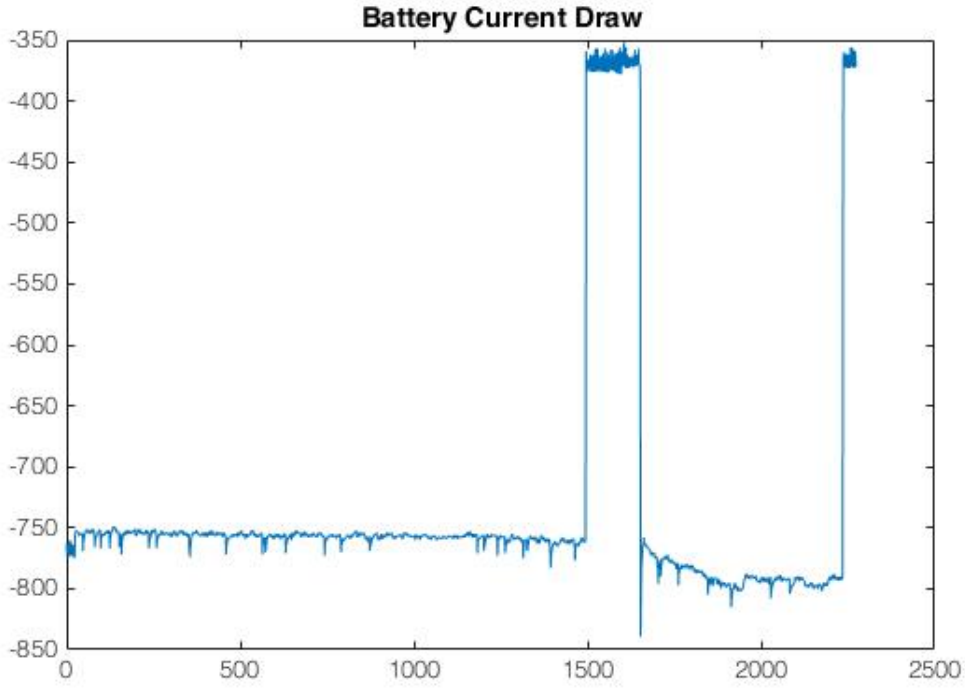


Battery Voltage

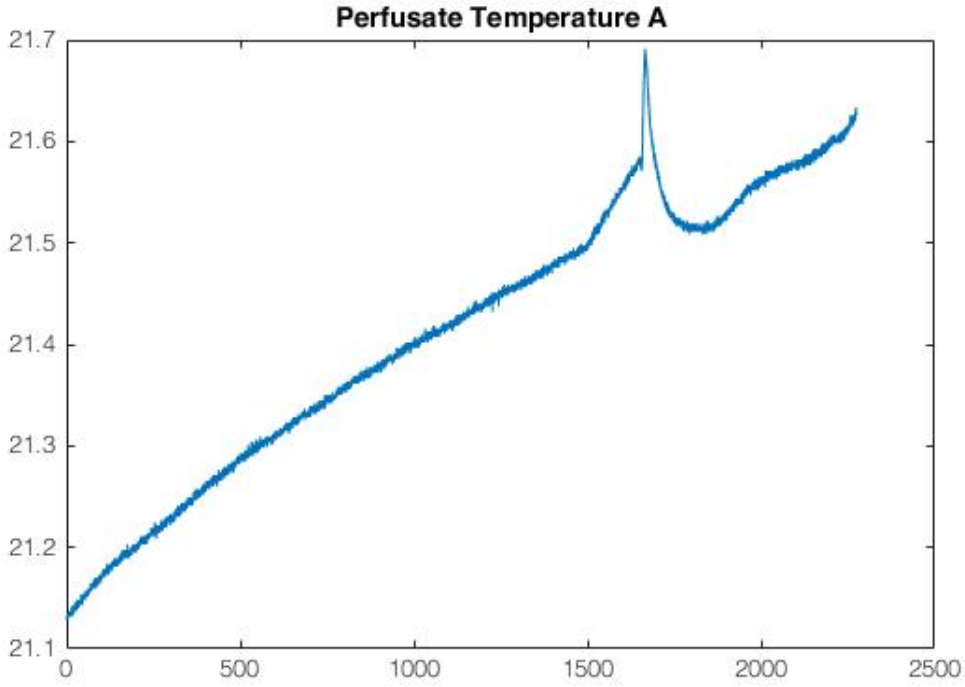
Test Flow Rate = 350ml/min
Mean Battery Voltage = 11706.68 ± 160.5766mV



Battery Current Draw
Test Flow Rate = 350ml/min
Mean Battery Current Draw = -731.6702 ± 113.0864mA

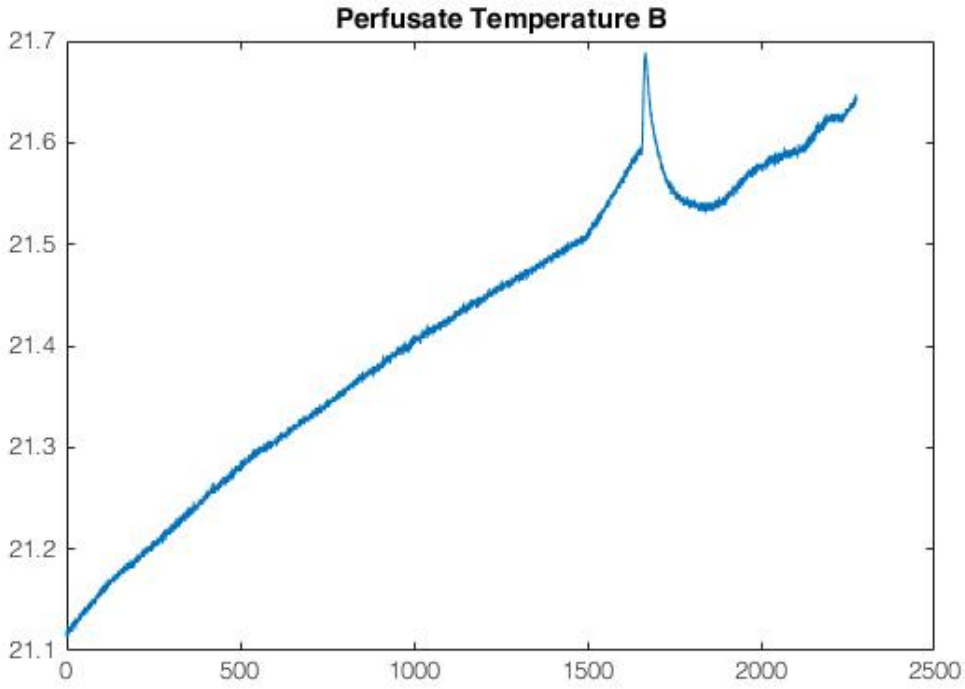


Perfusate Temperature A
Test Flow Rate = 350ml/min
Mean Perfusate Temperature A = 21.4113 ± 0.13569°C

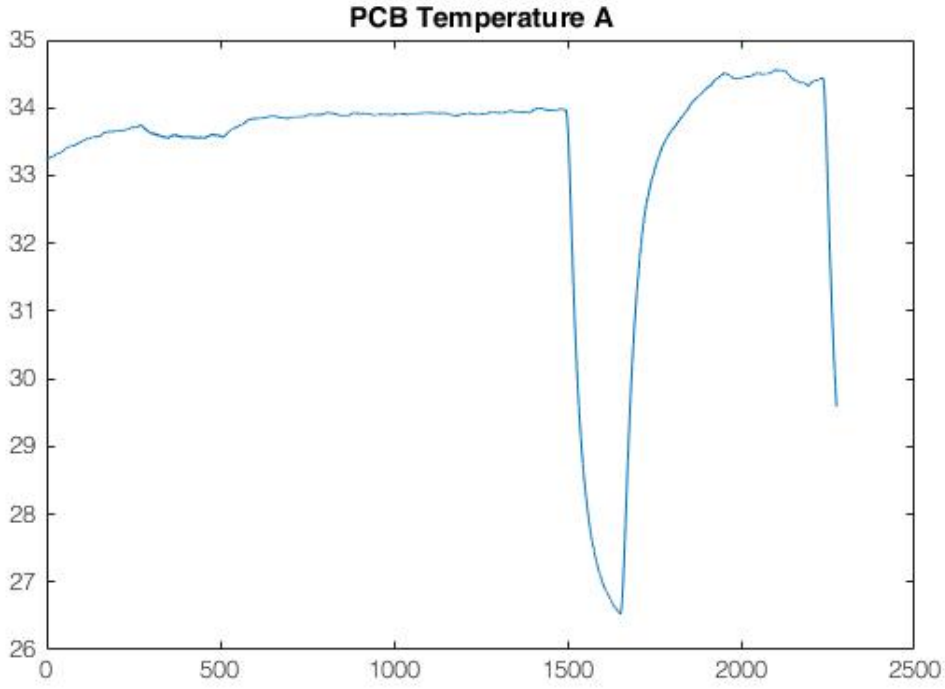


Perfusate Temperature B

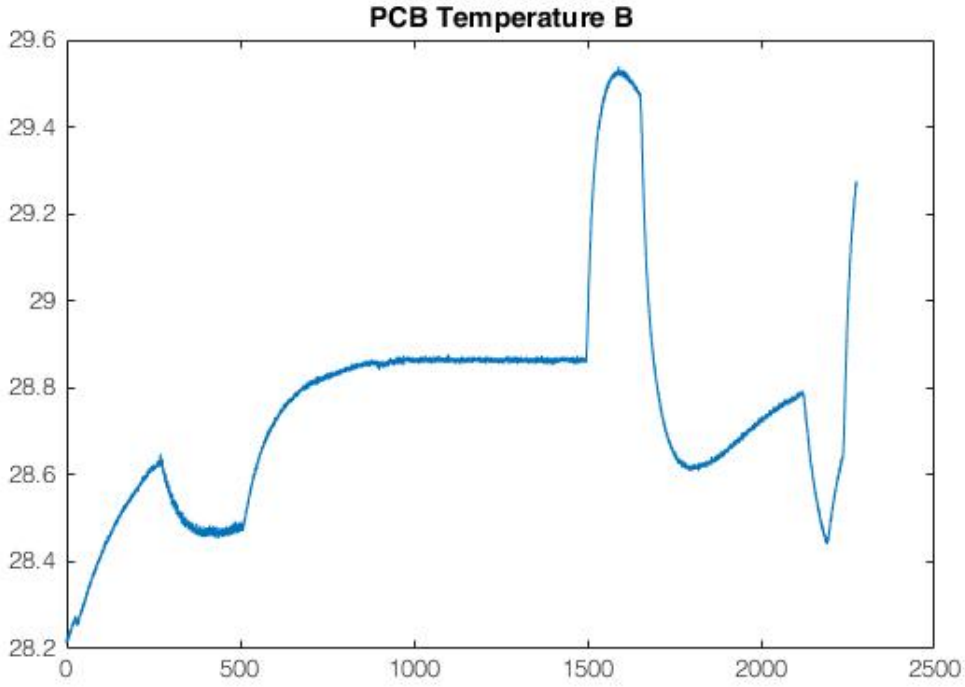
Test Flow Rate = 350ml/min
Mean Perfusate Temperature B = 21.4165 ± 0.14659°C



PCB Temperature A
Test Flow Rate = 350ml/min
Mean PCB Temperature A = 33.3514 ± 1.6925°C



PCB Temperature B
Test Flow Rate = 350ml/min
Mean PCB Temperature B = 28.7591 ± 0.25475°C



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