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## Skidpad Report

### Summary

*Track: TRC: Closed Loop*

*Driver:*

*Run Date: 4/23/2023*

*Run Time: 2:14:43 PM*

*Session Distance: 718 m*

*Session Length: 160 s*

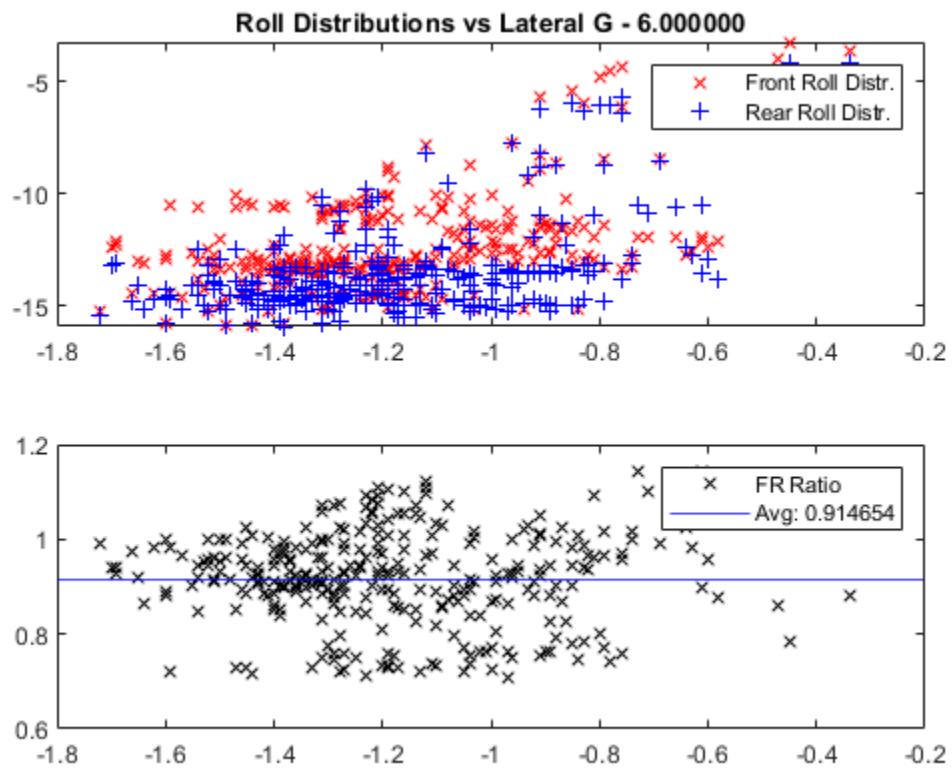
*Comments: Colin skidpad run 8*

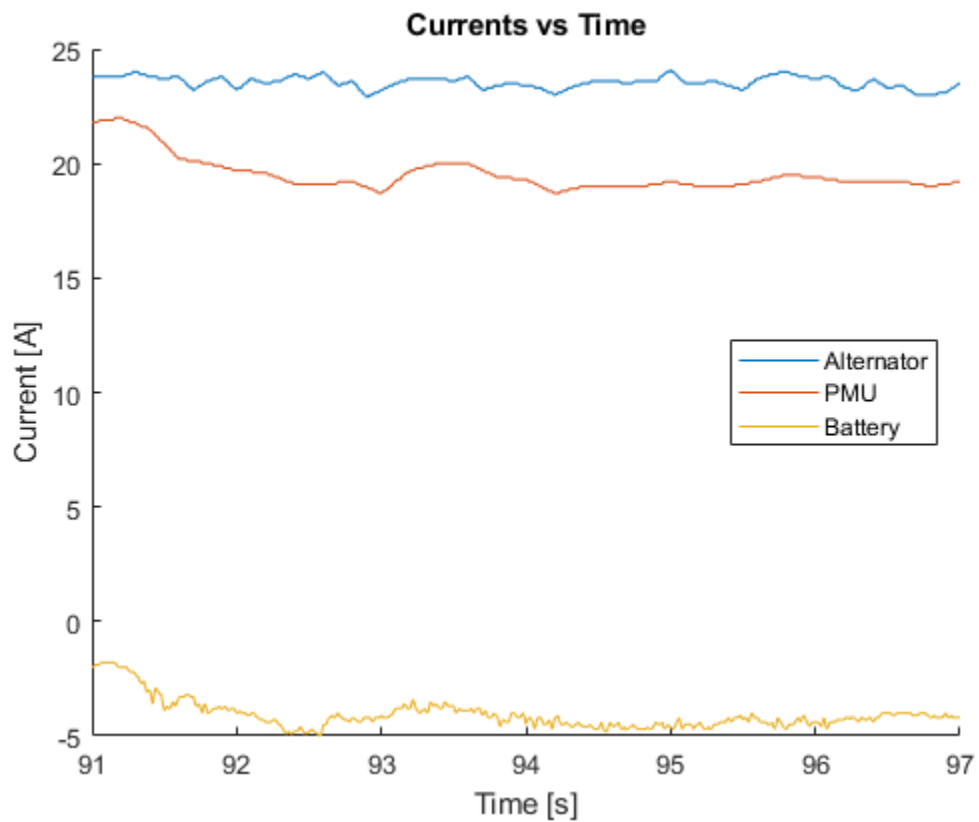
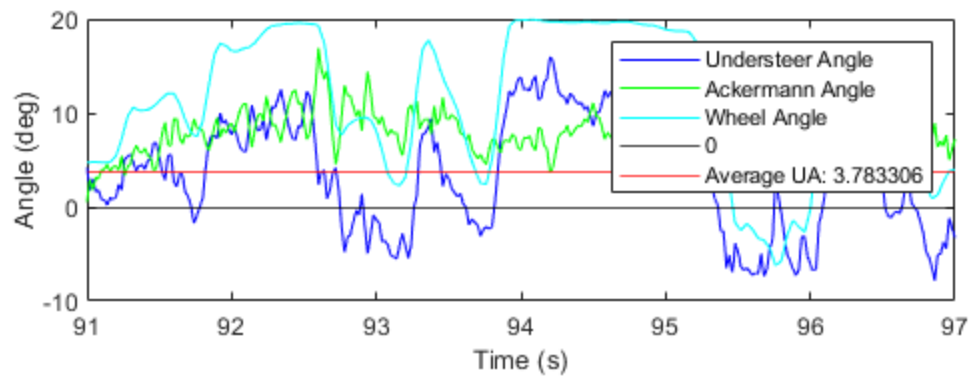
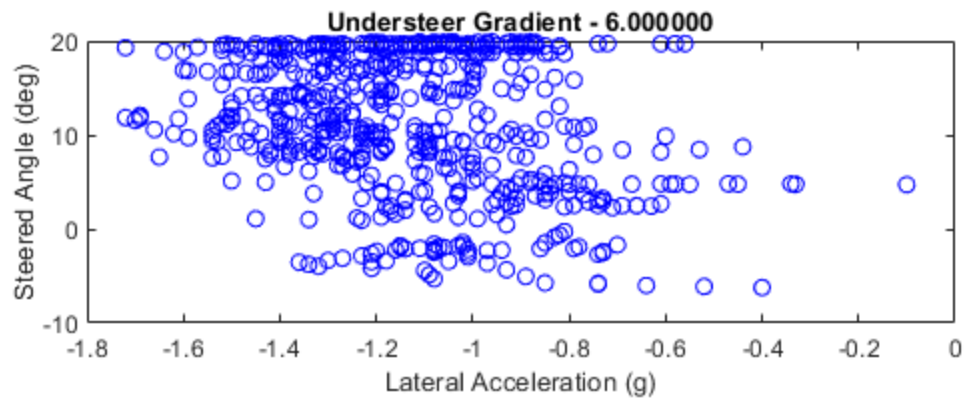
*Report Generated: 31-Jan-2024 20:13:22*

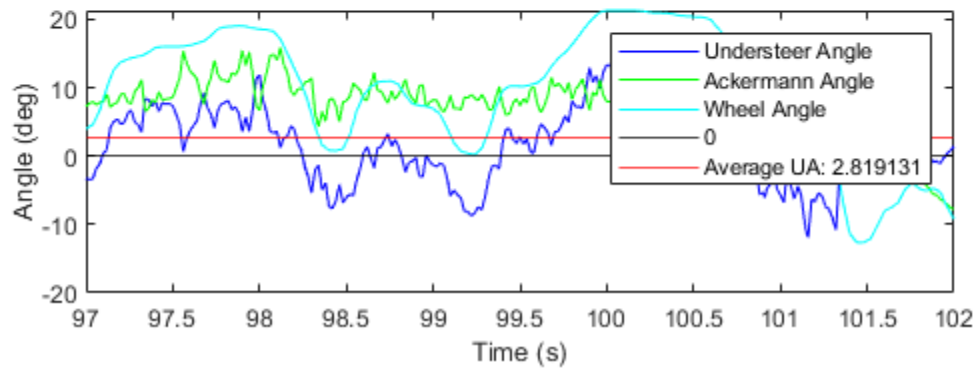
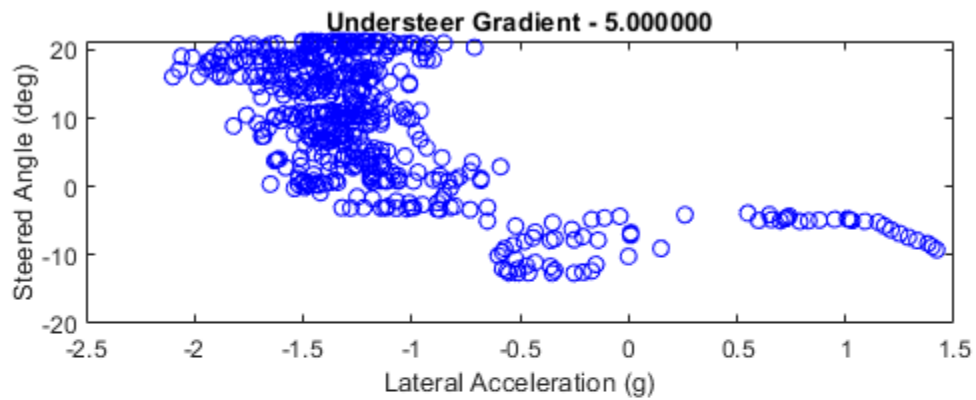
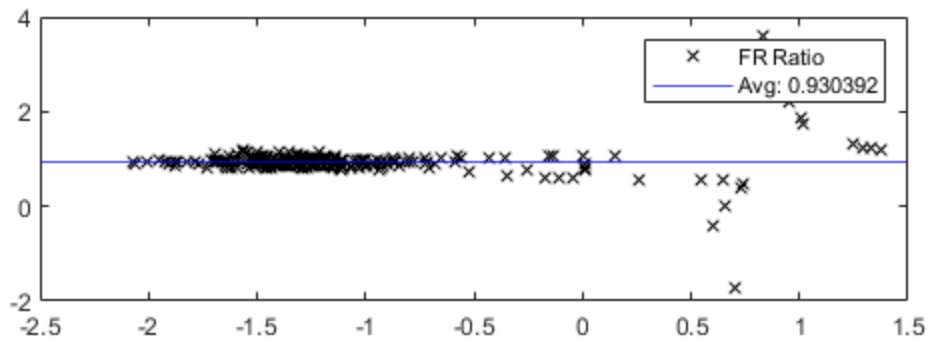
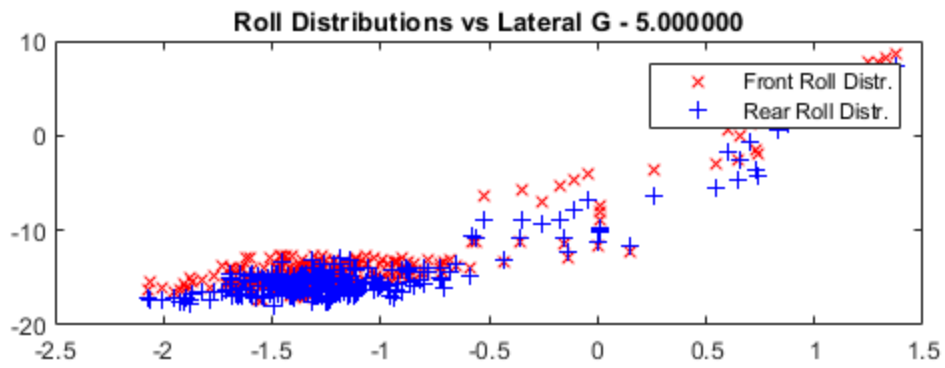
<i>Lap #</i>	<i>Lap Time</i>	<i>Avg LatG</i>	<i>Avg Yaw Rate</i>
1	6	-1.137	55.879
2	5	-1.1383	50.519
3	5	1.4139	-60.105
4	5	1.3851	-57.706
5	5	-1.3433	60.917
6	5	-0.88074	40.436
7	5	1.4137	-61.694

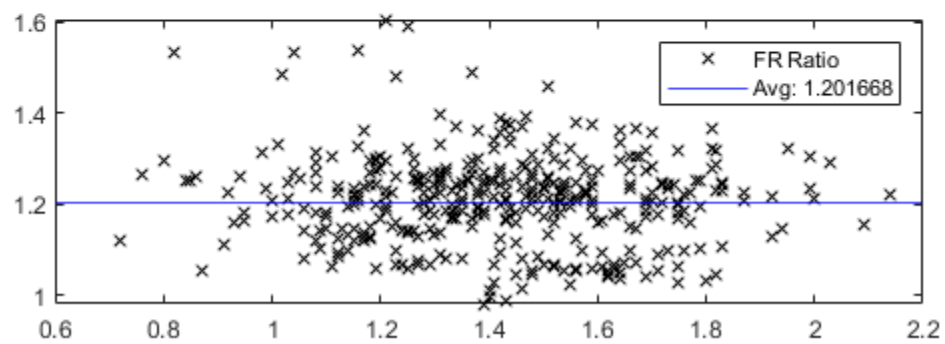
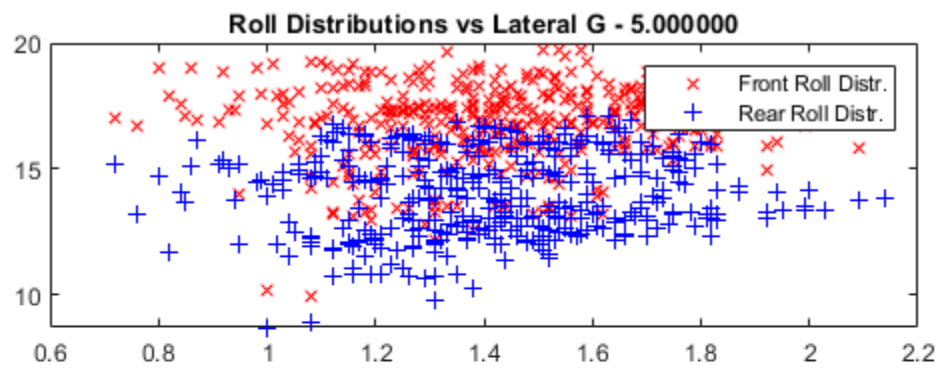
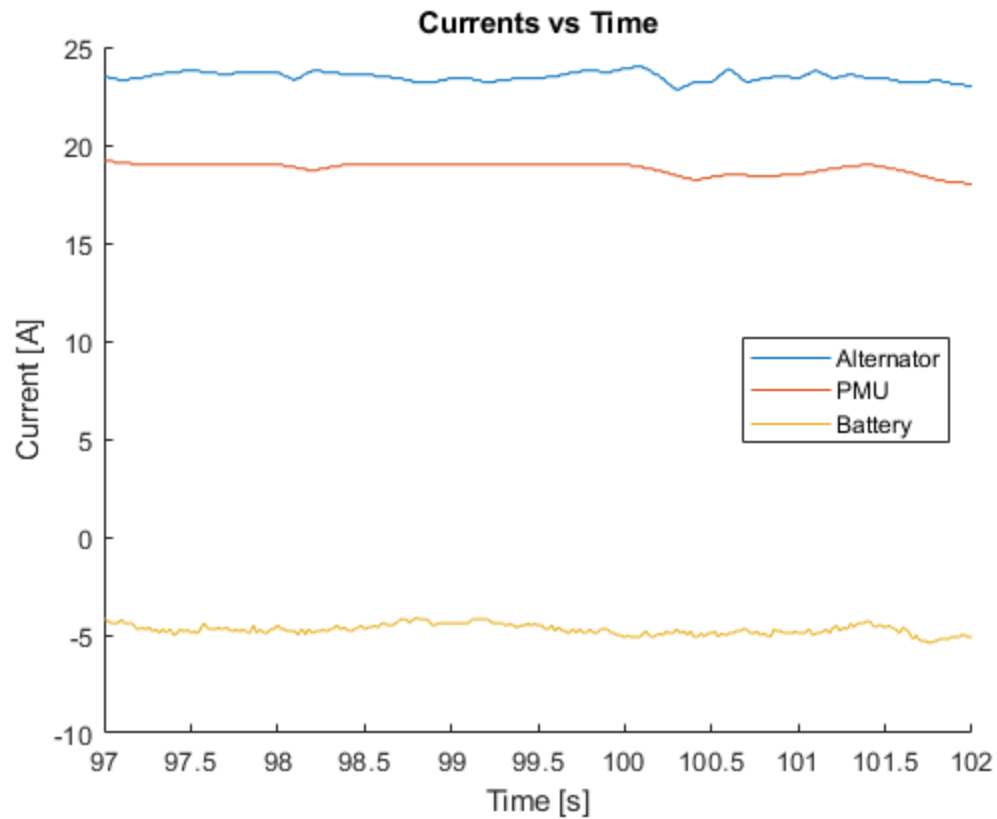
*Average gLat: -0.009882*

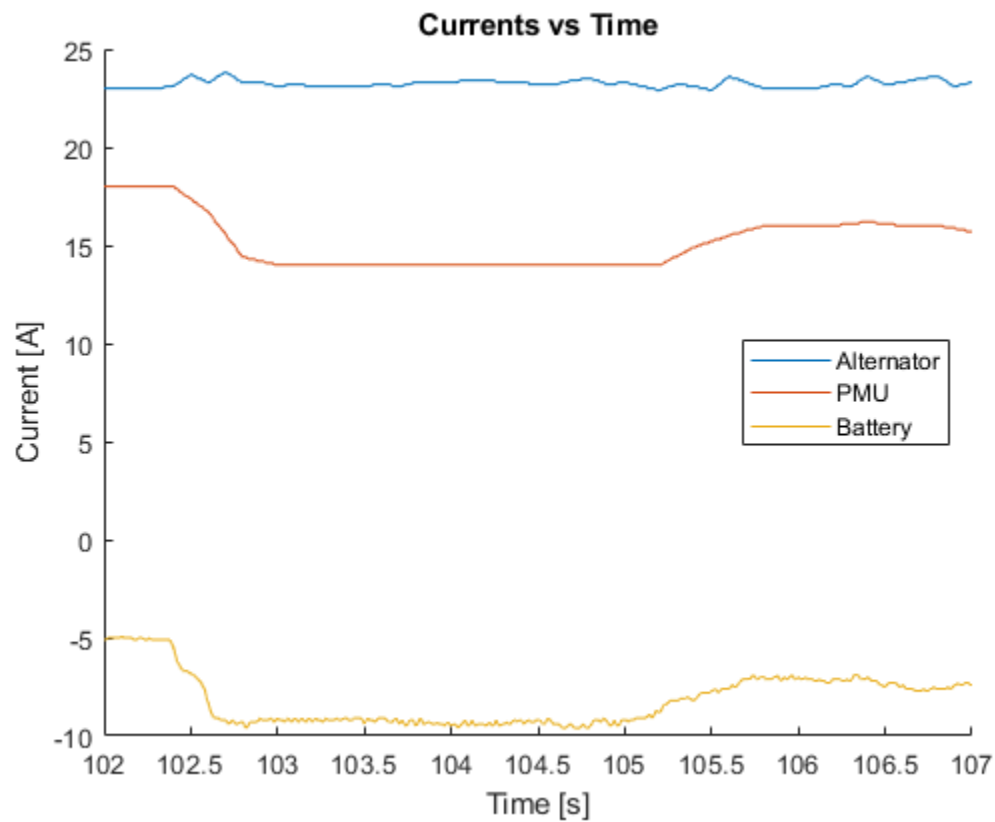
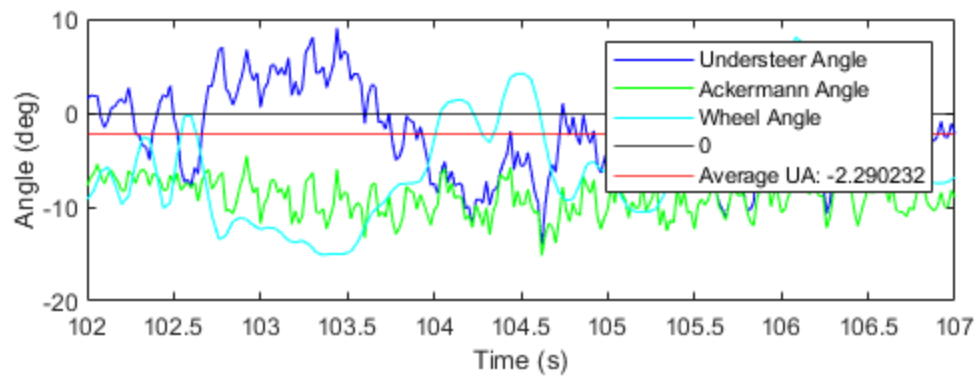
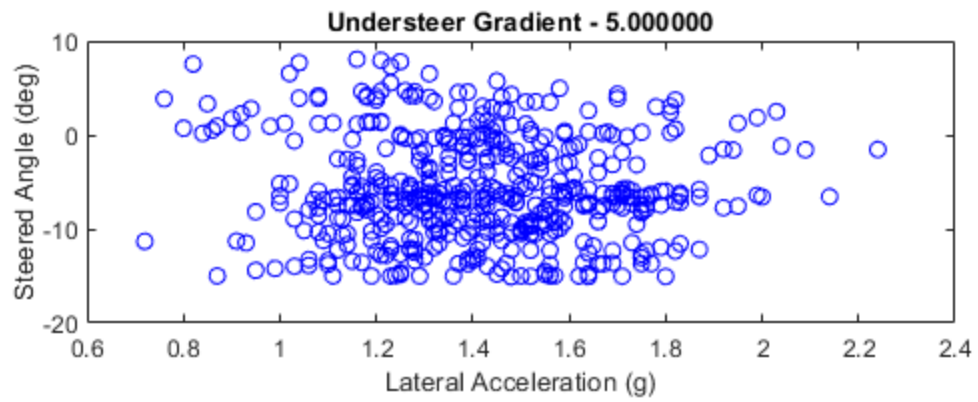
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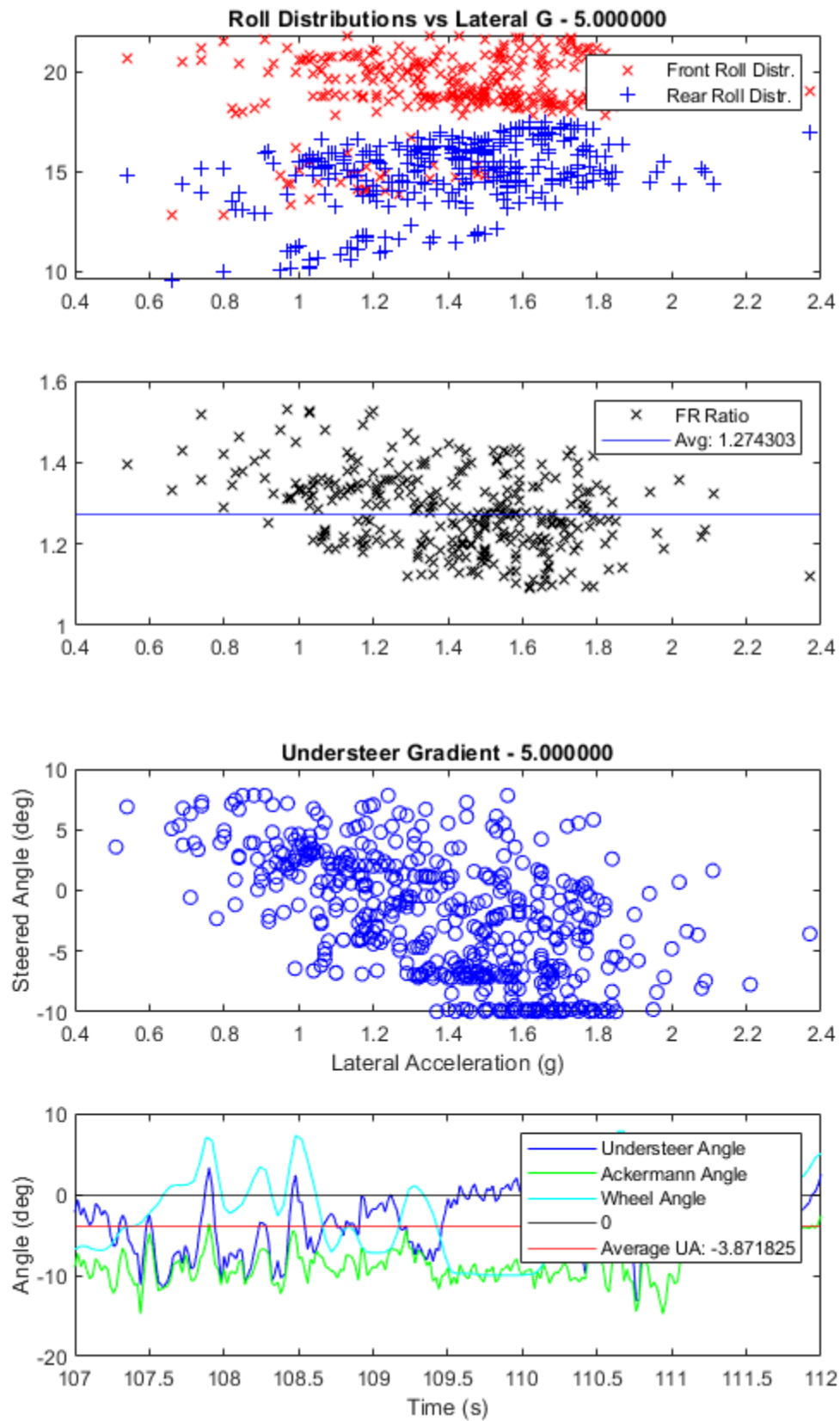


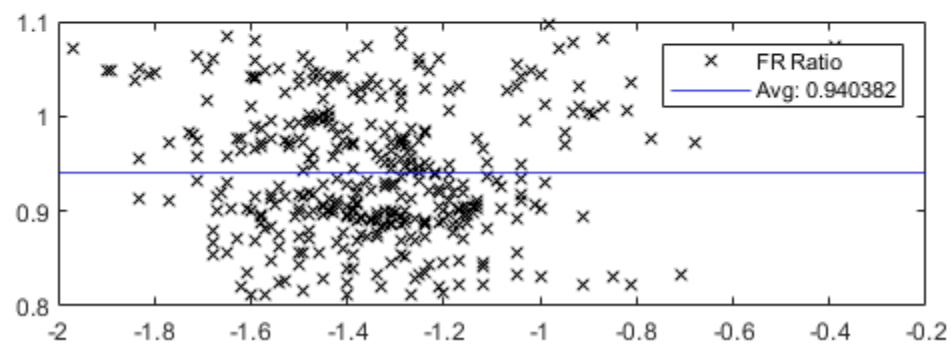
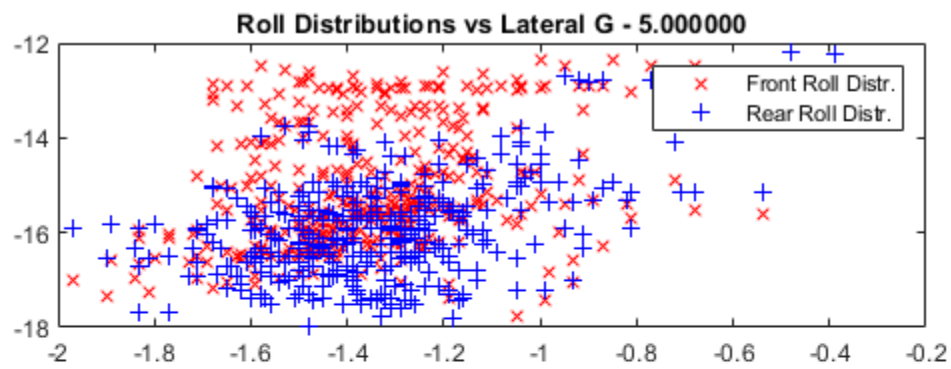
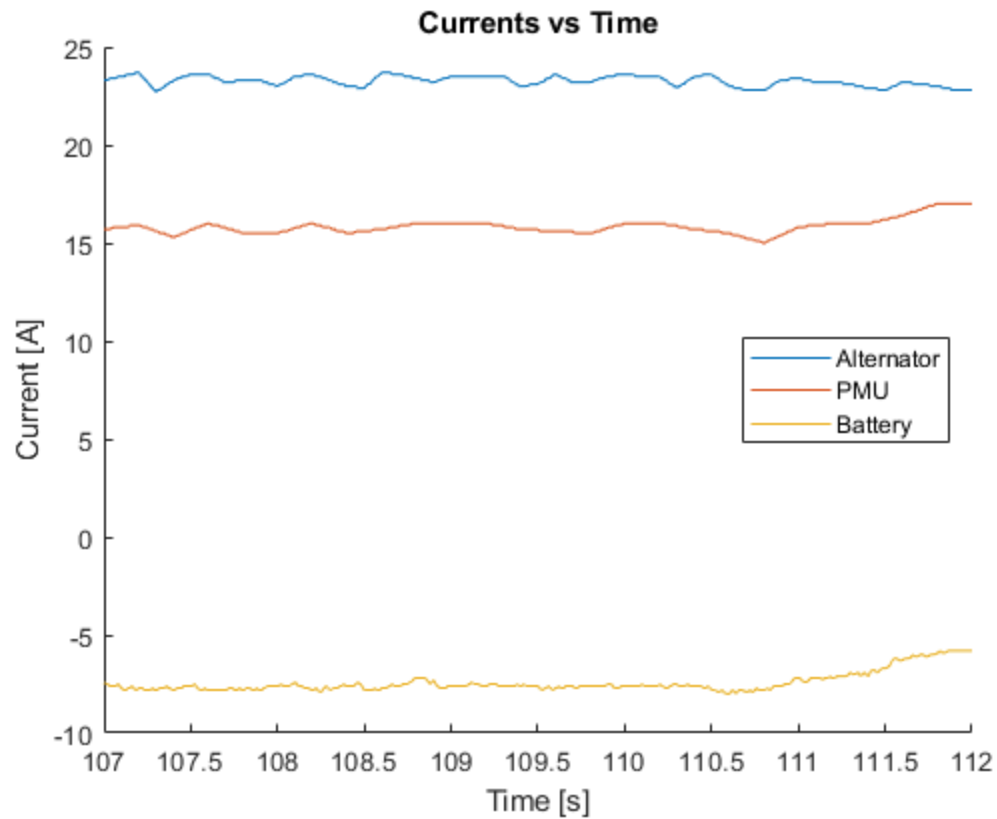




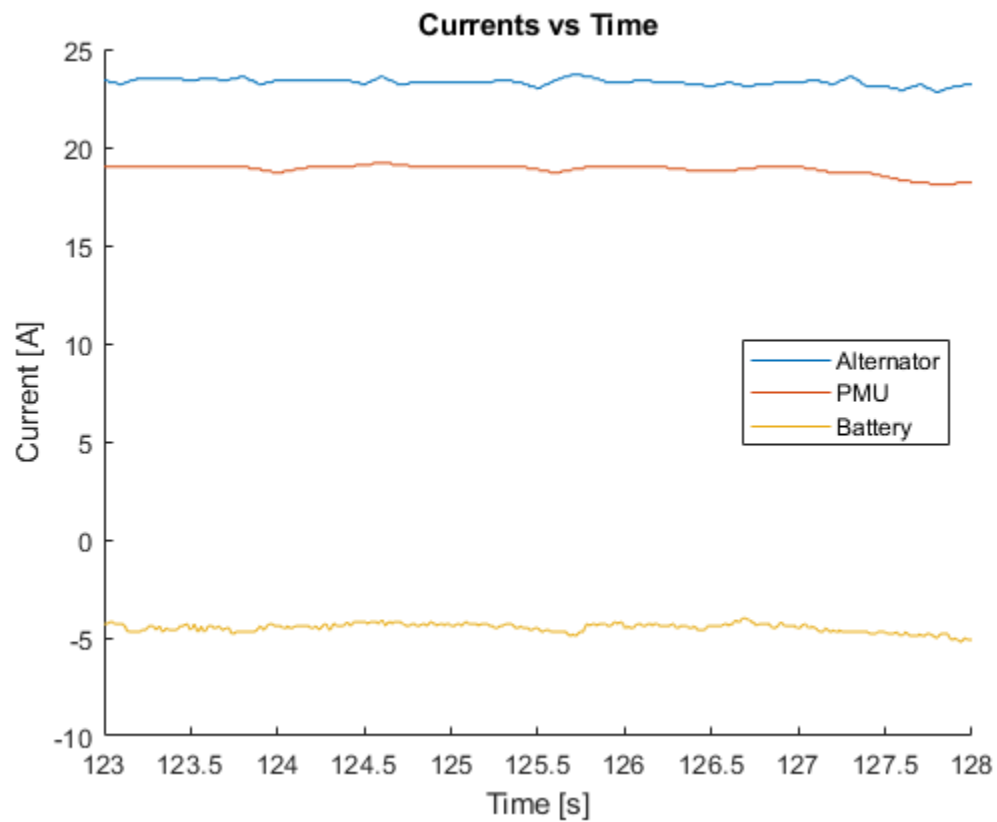
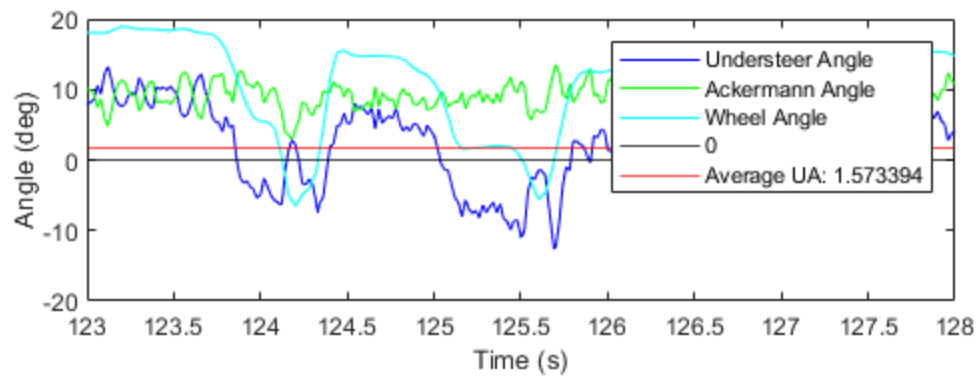
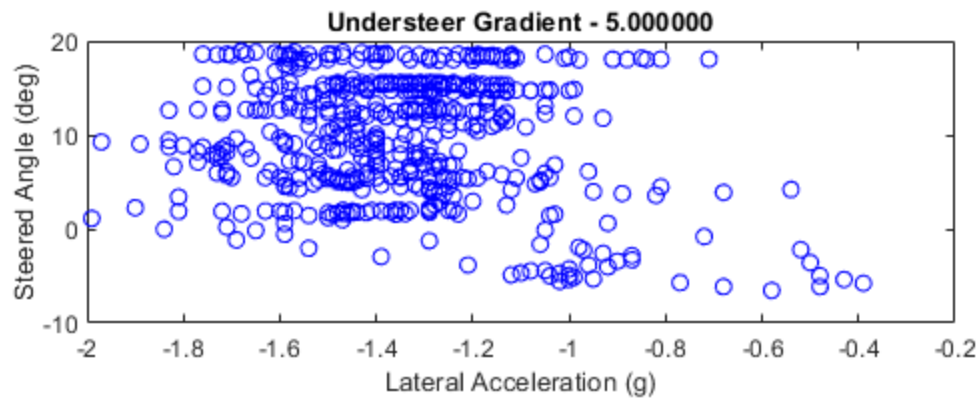


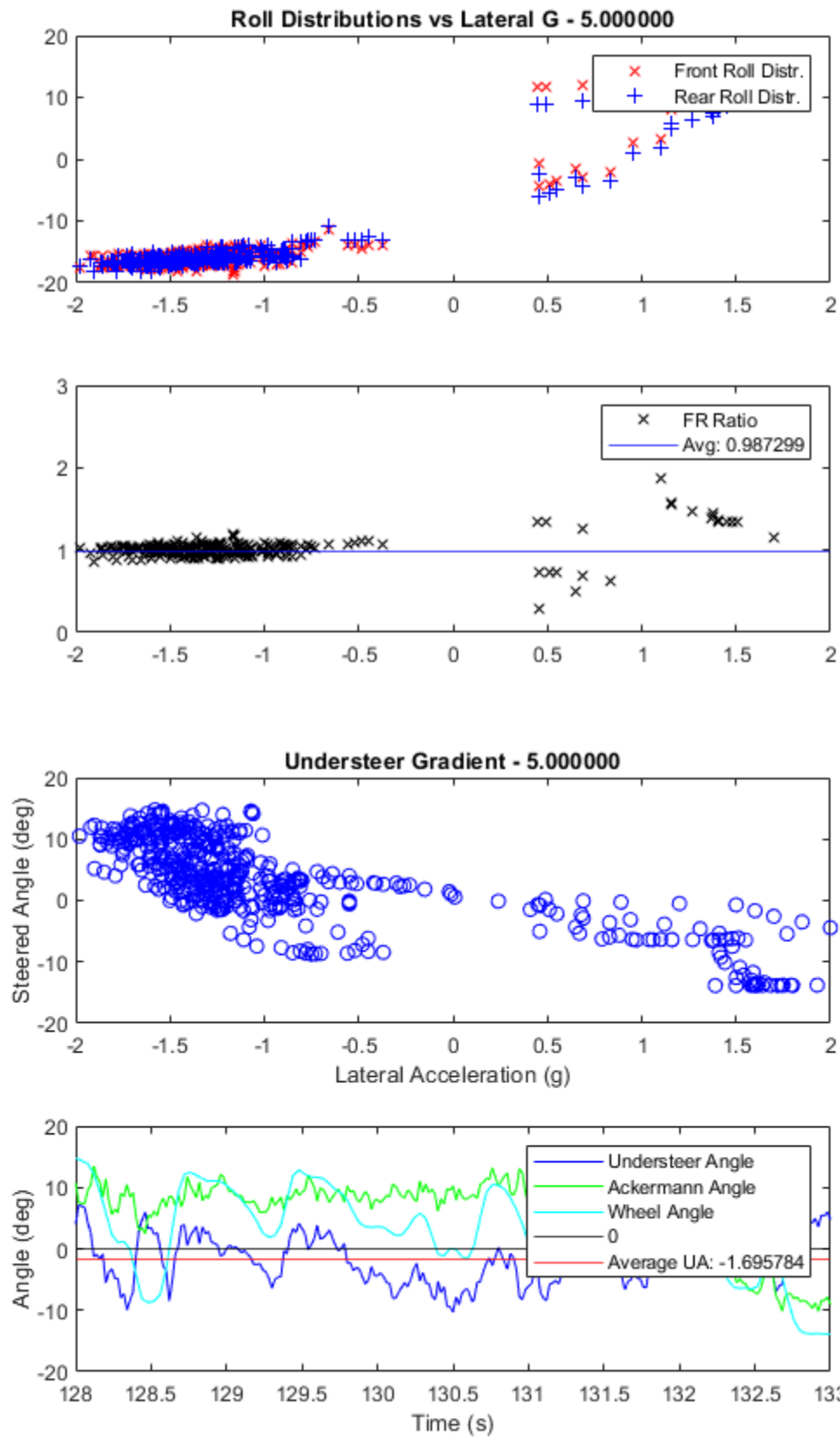


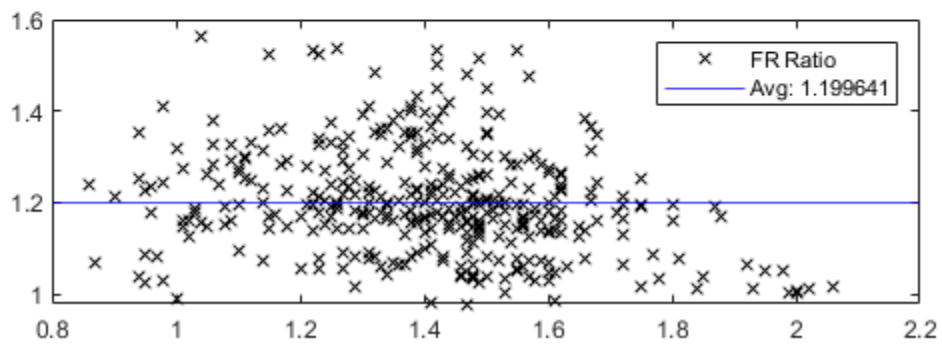
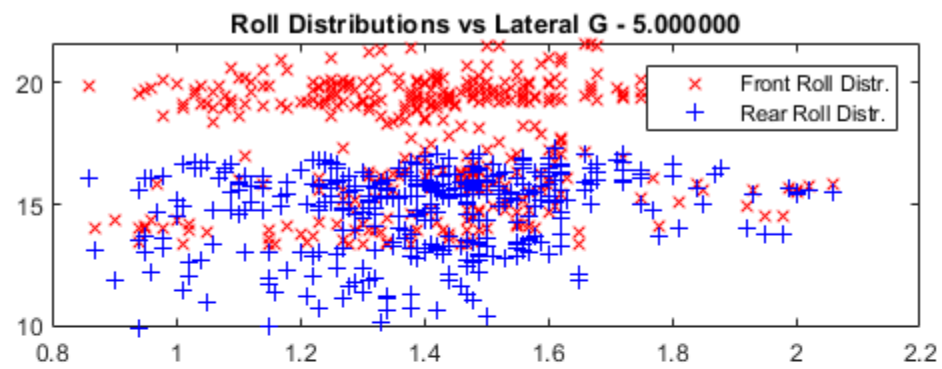
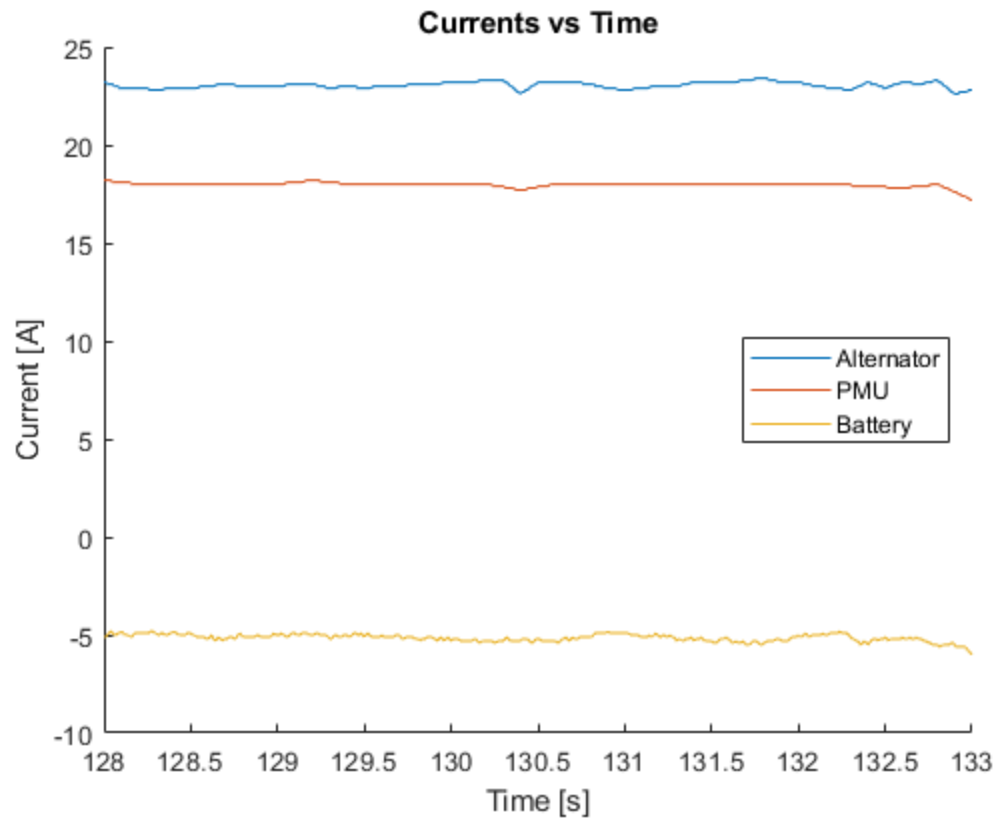


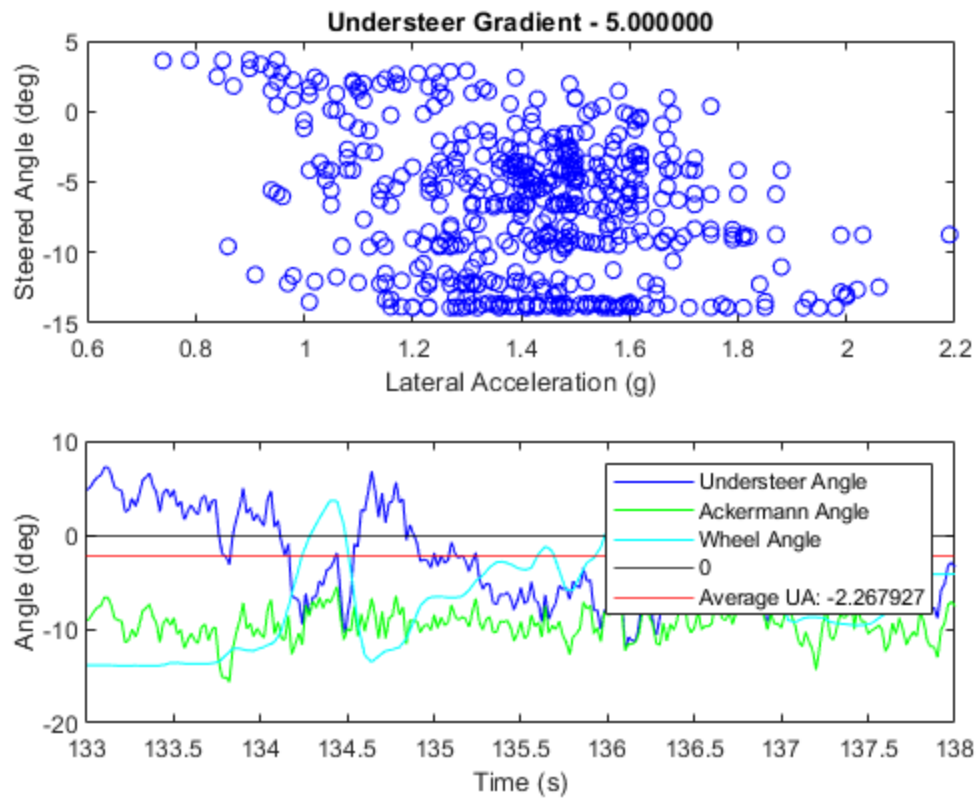






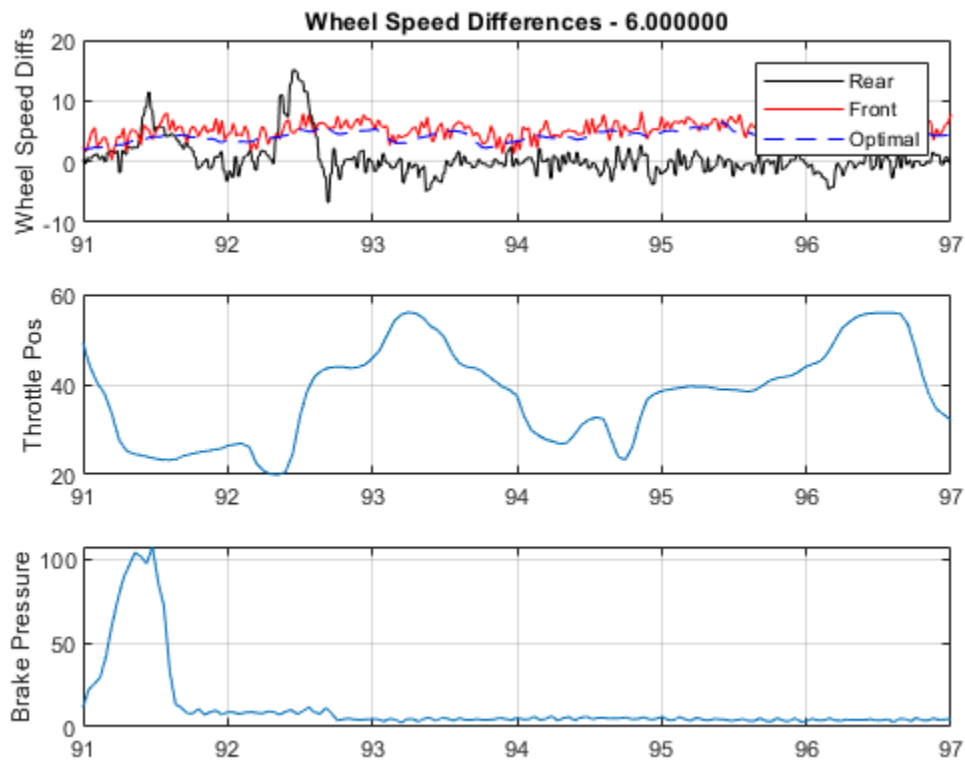


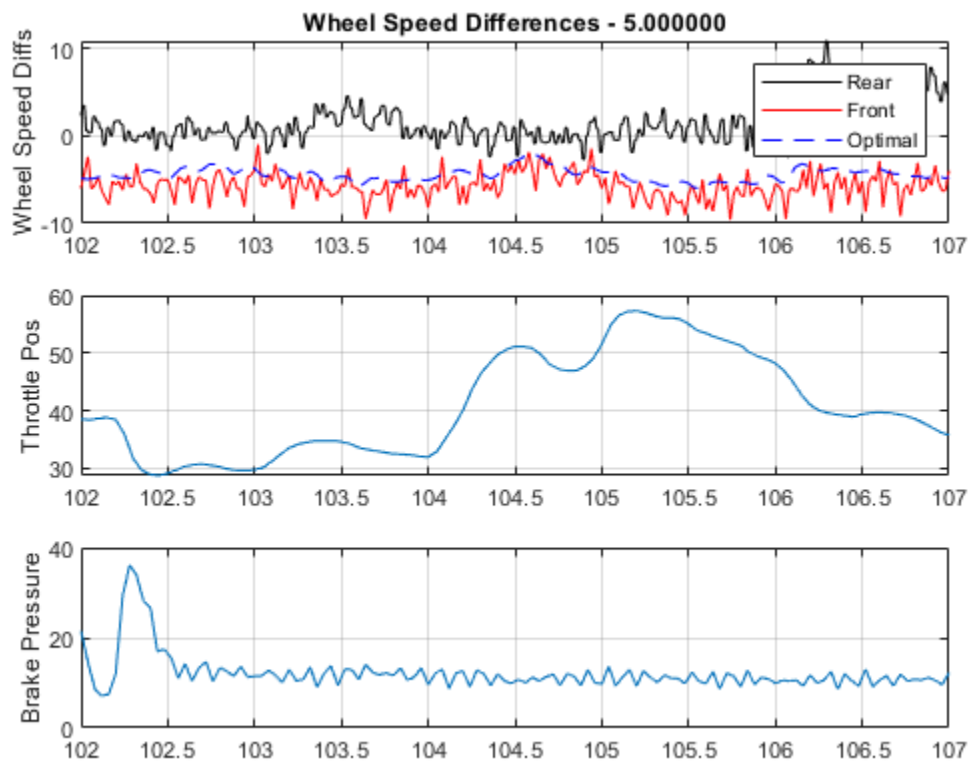
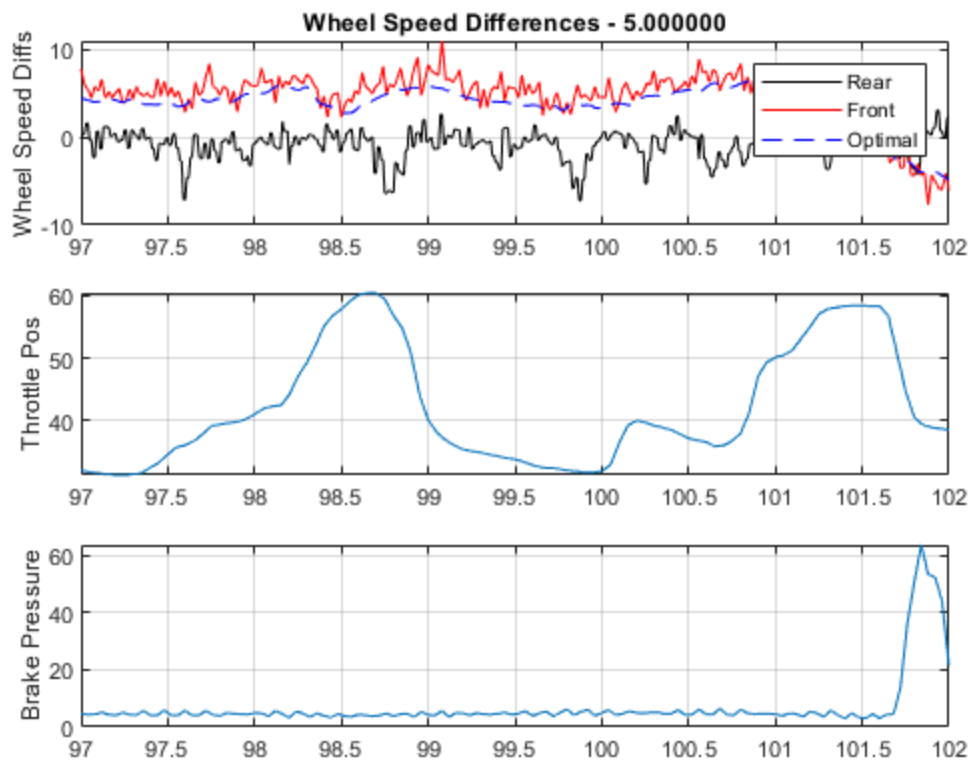


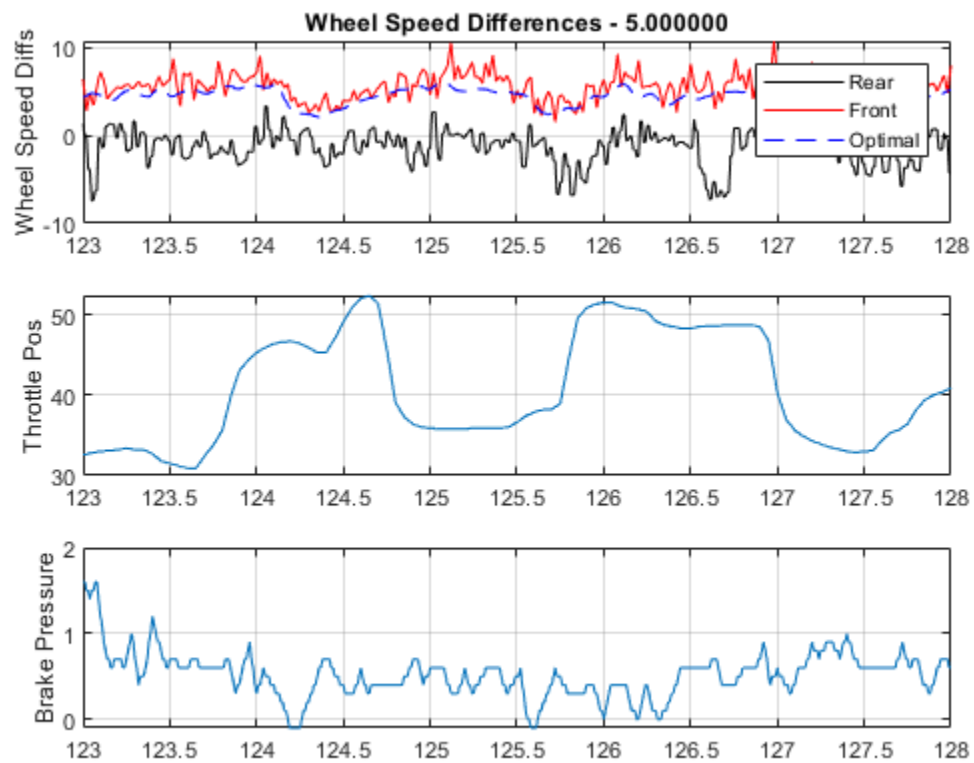
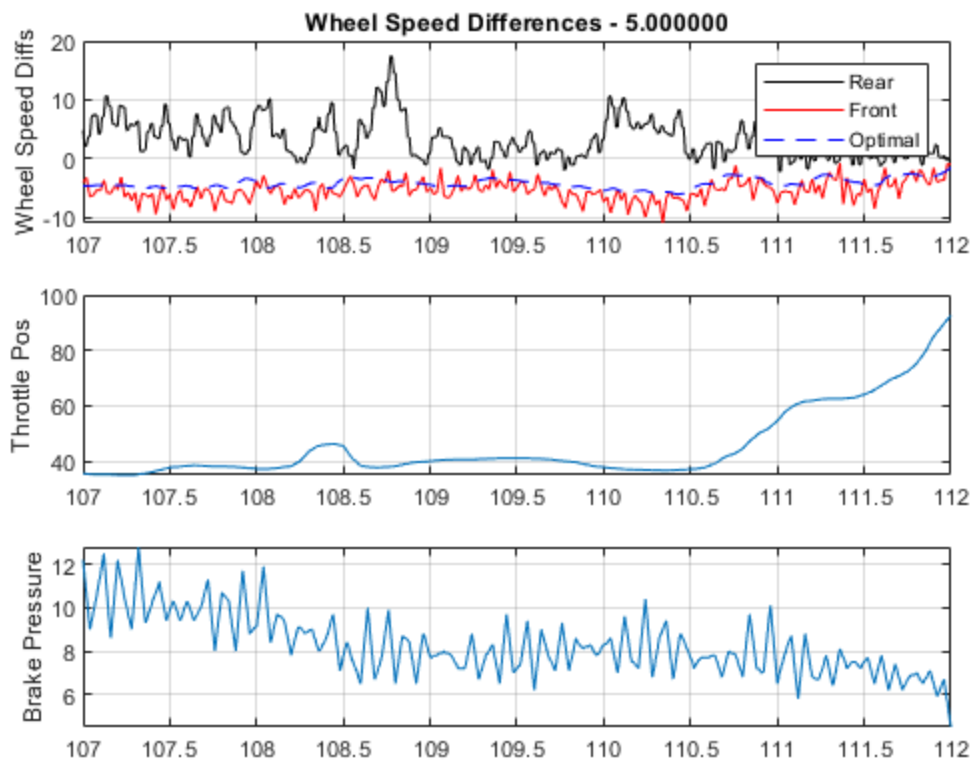


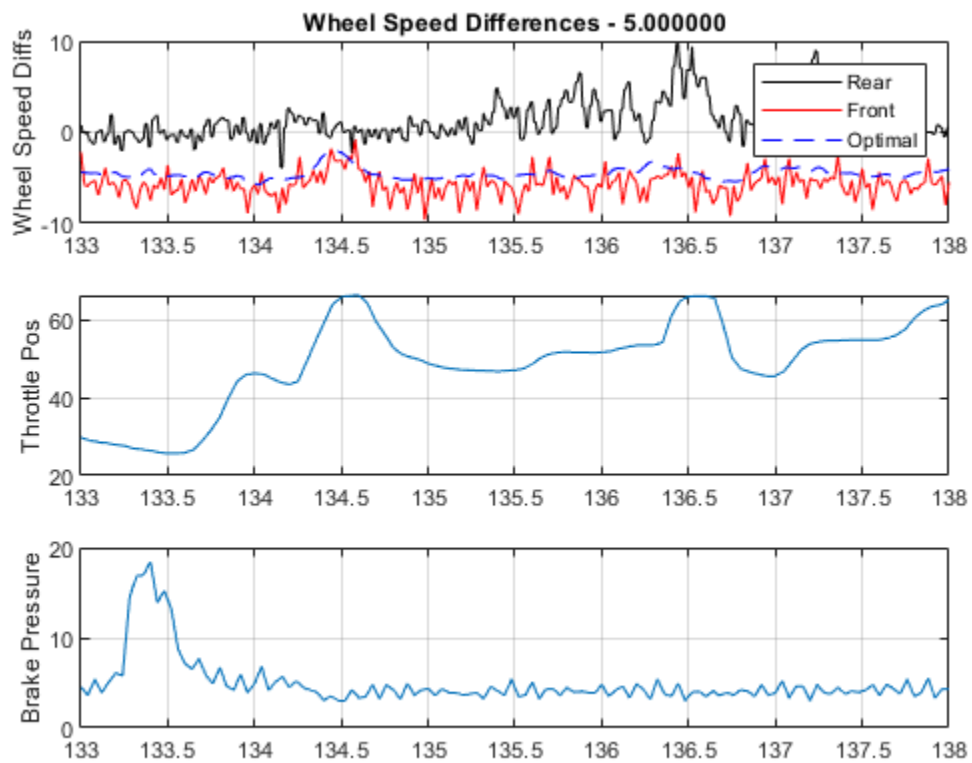
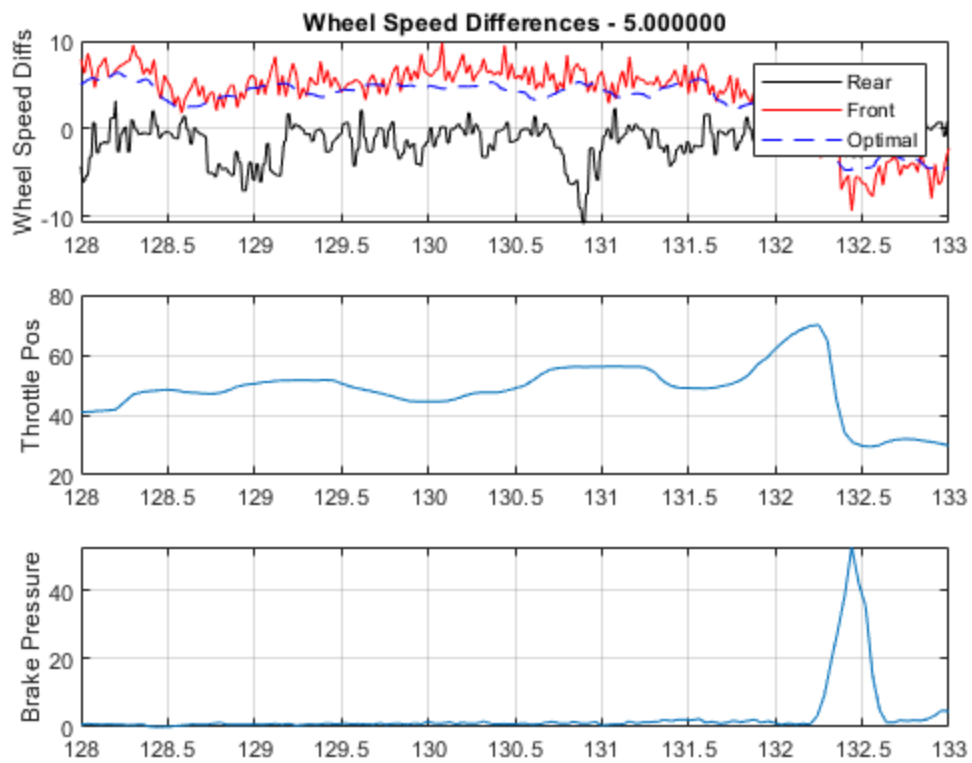
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# Drivetrain





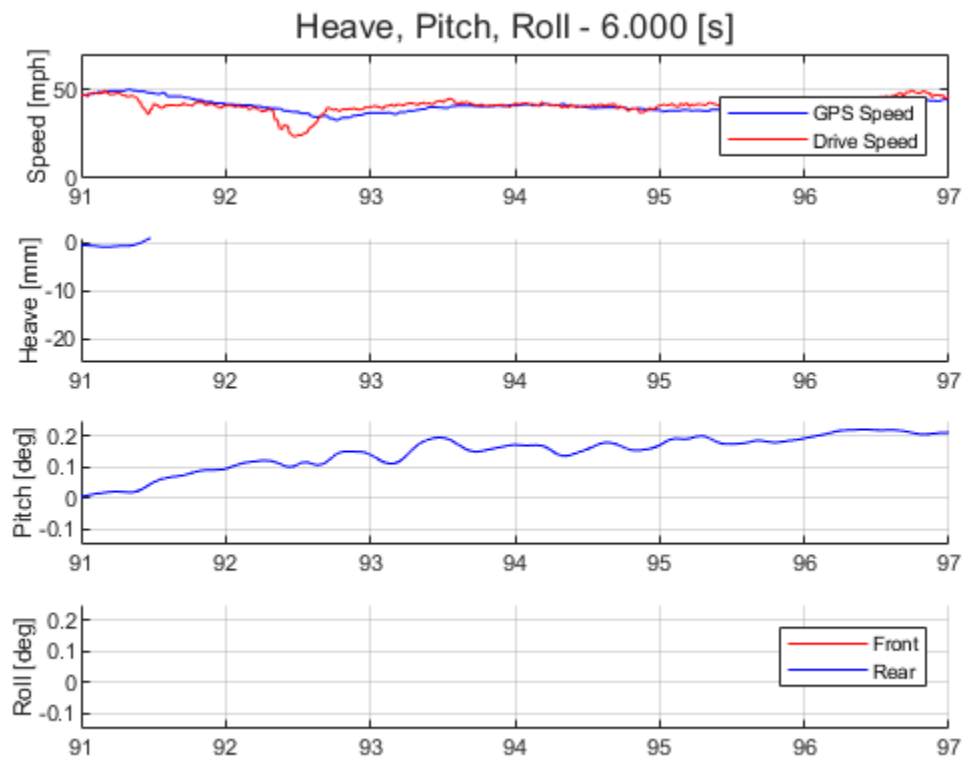


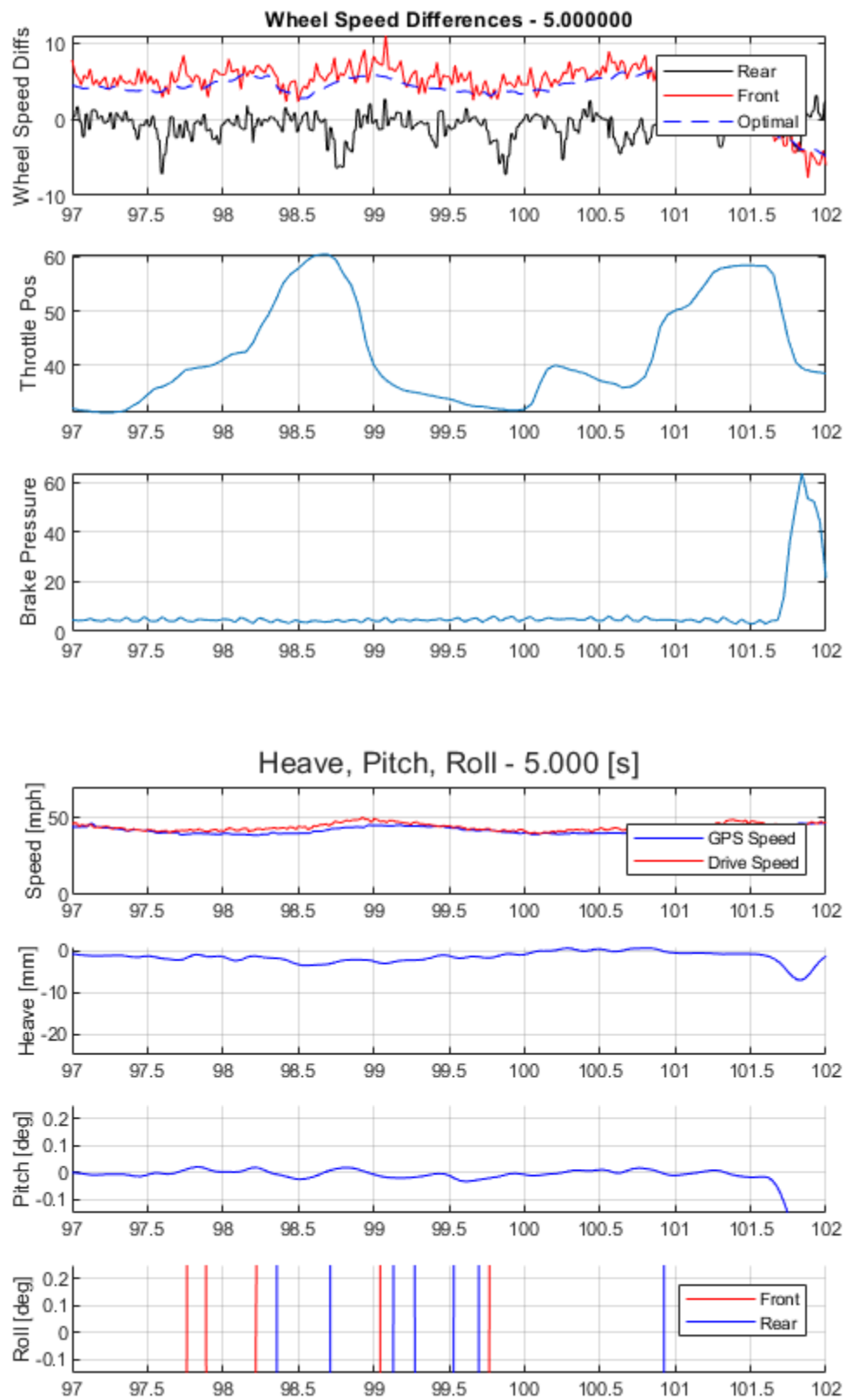


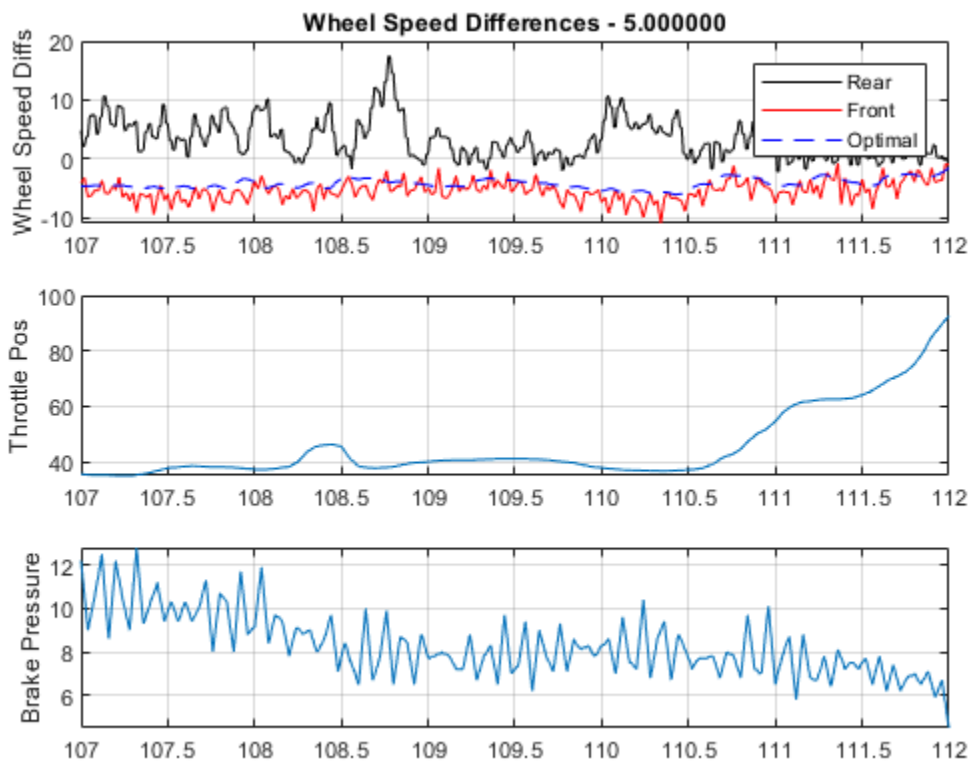
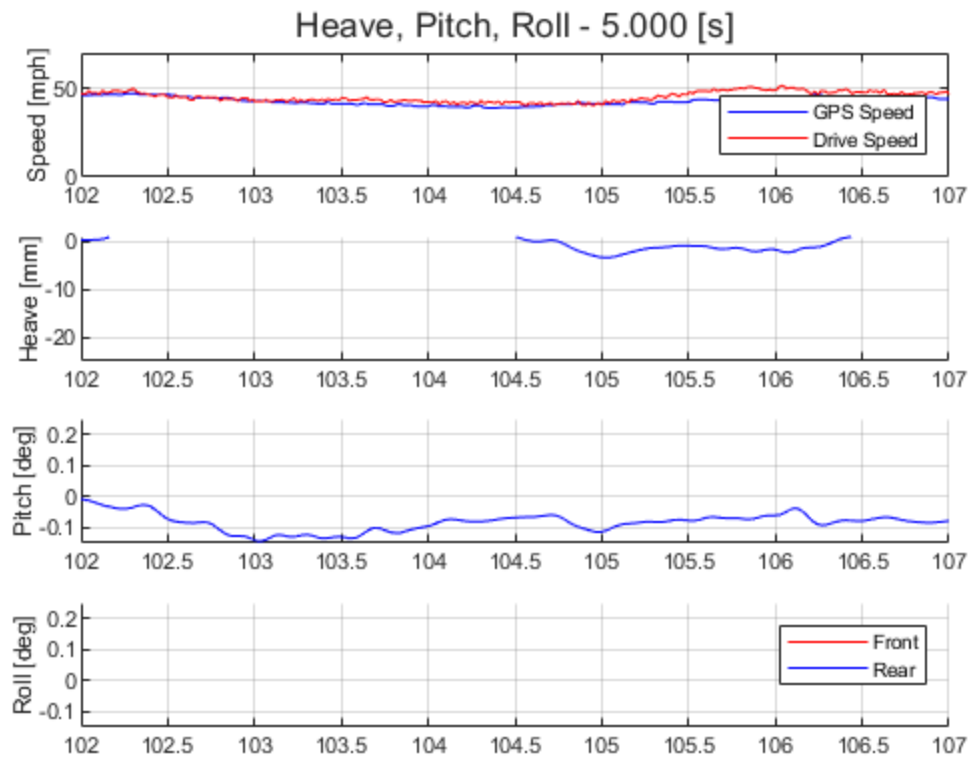


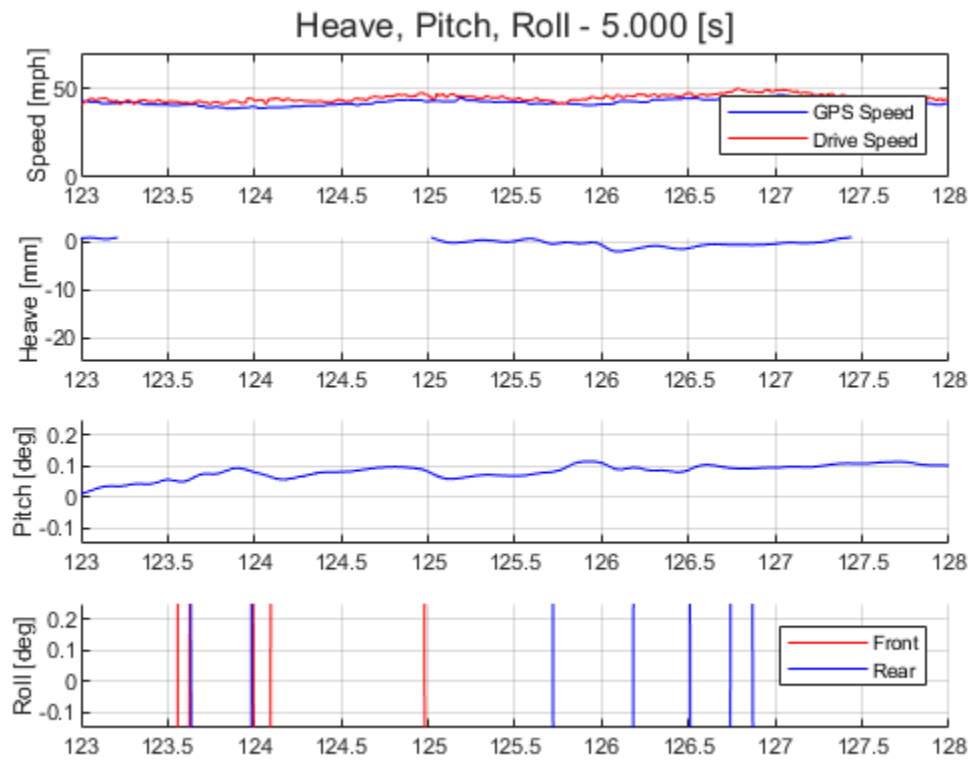
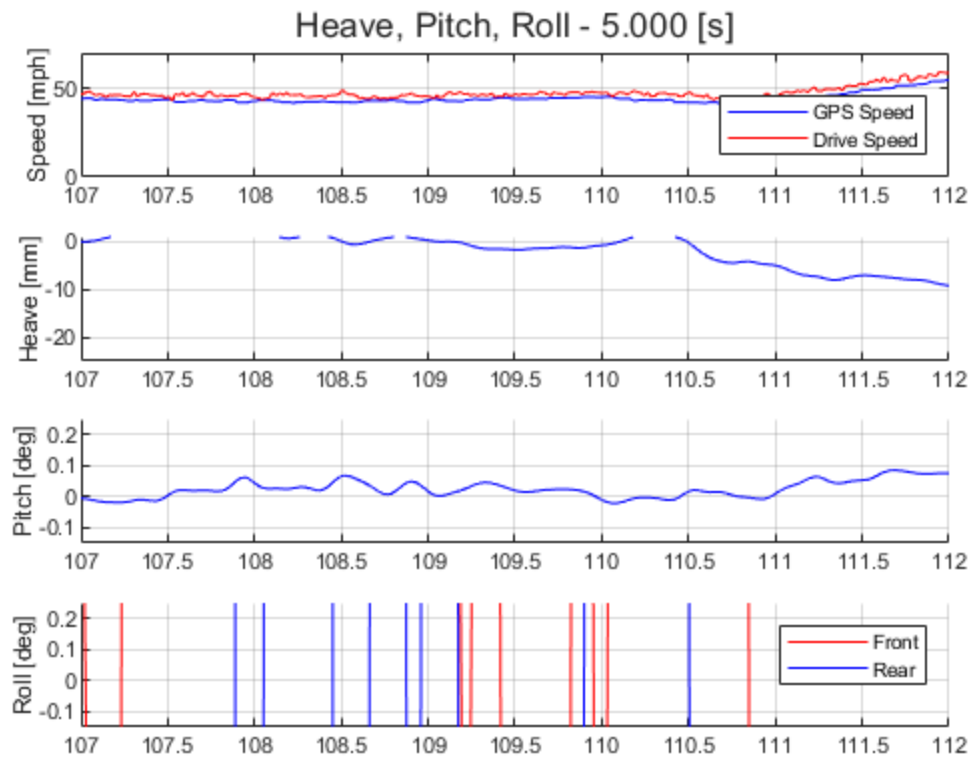
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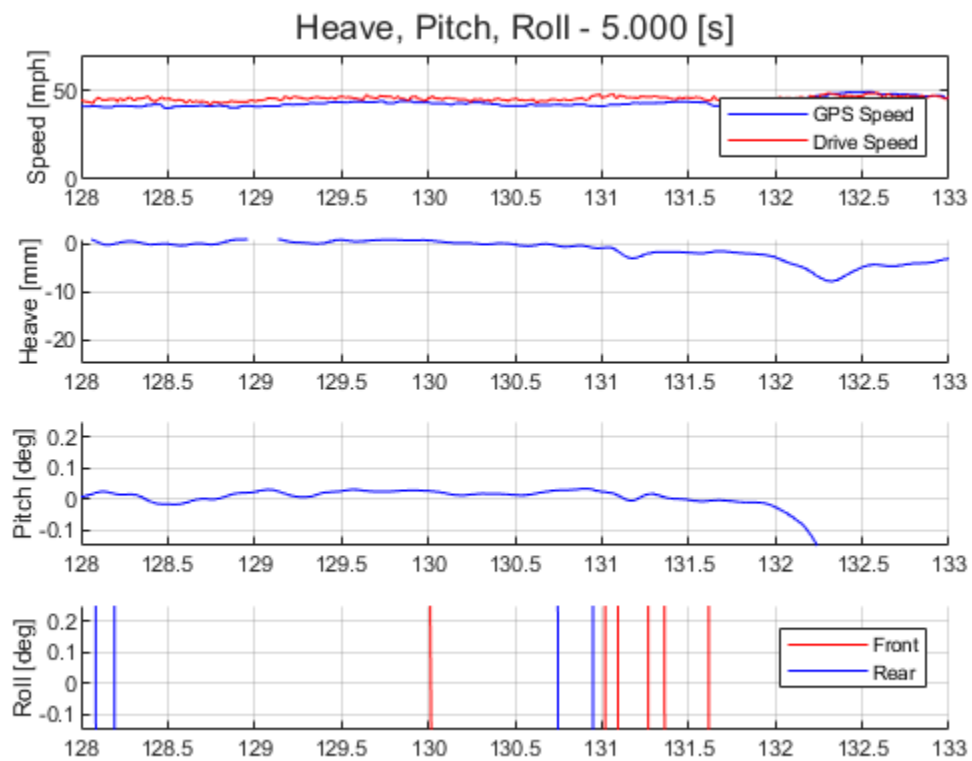
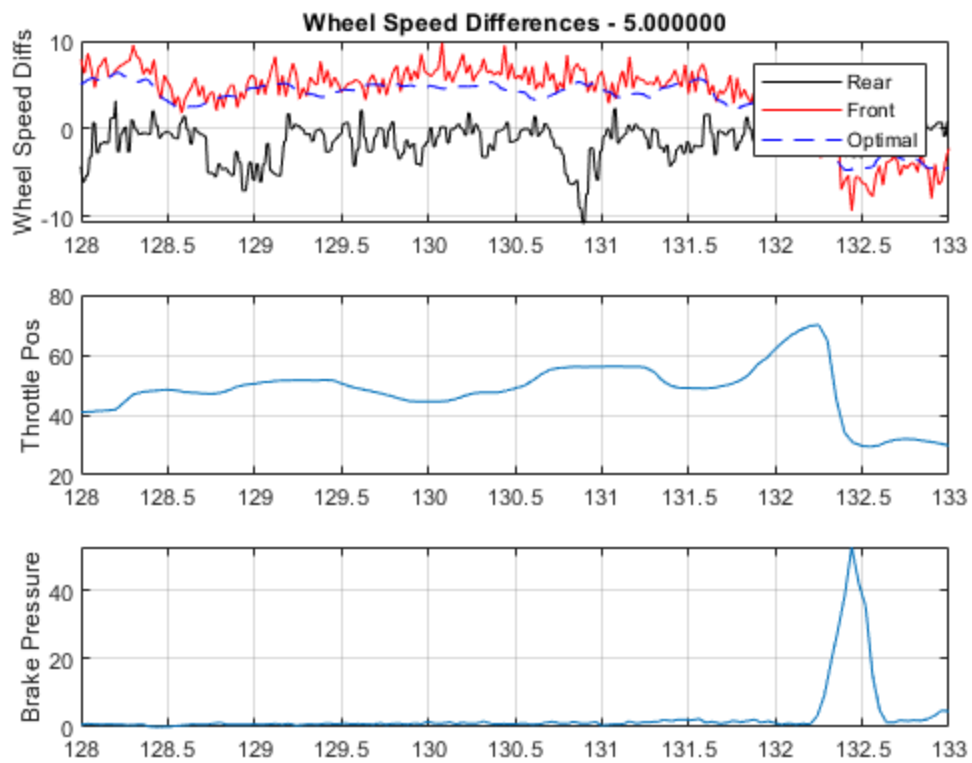
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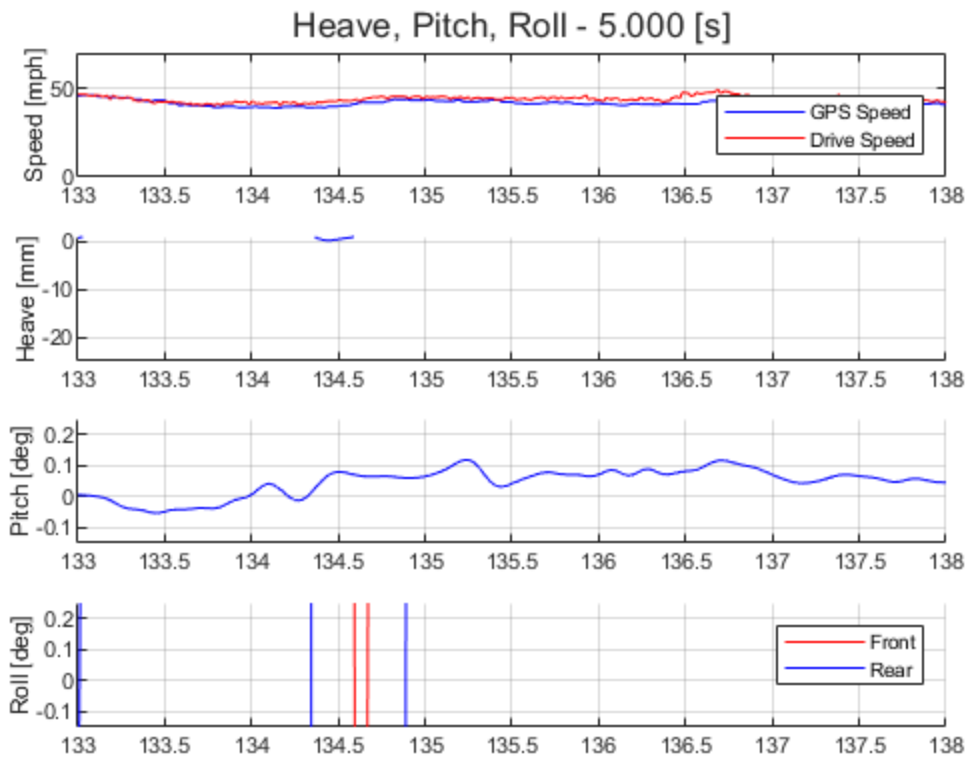










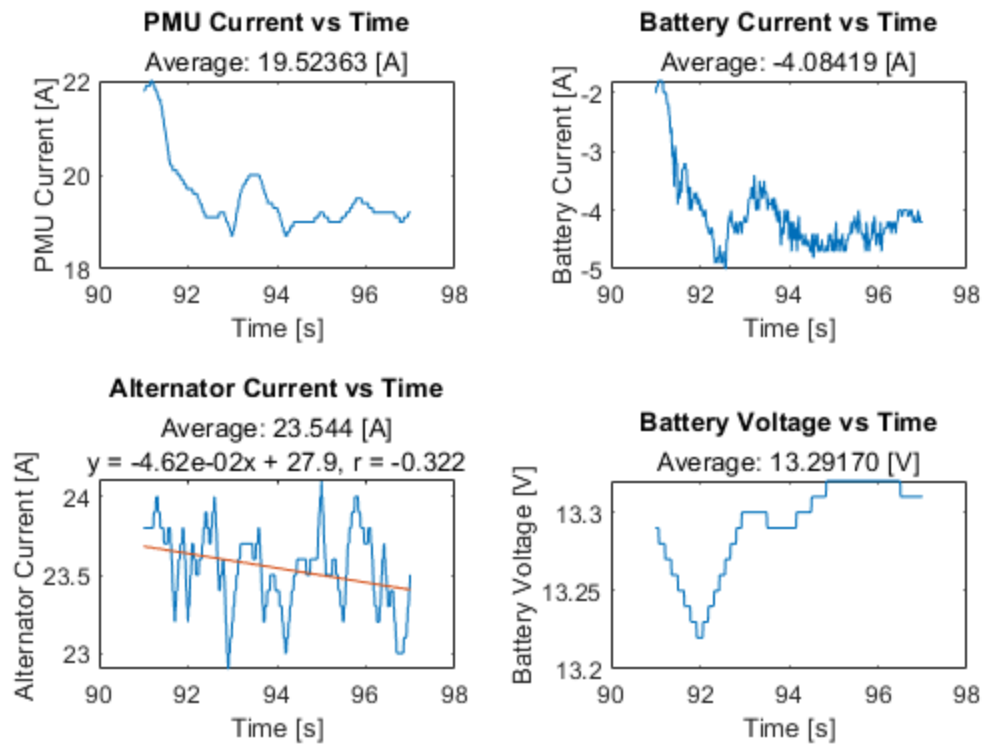


## Electronics

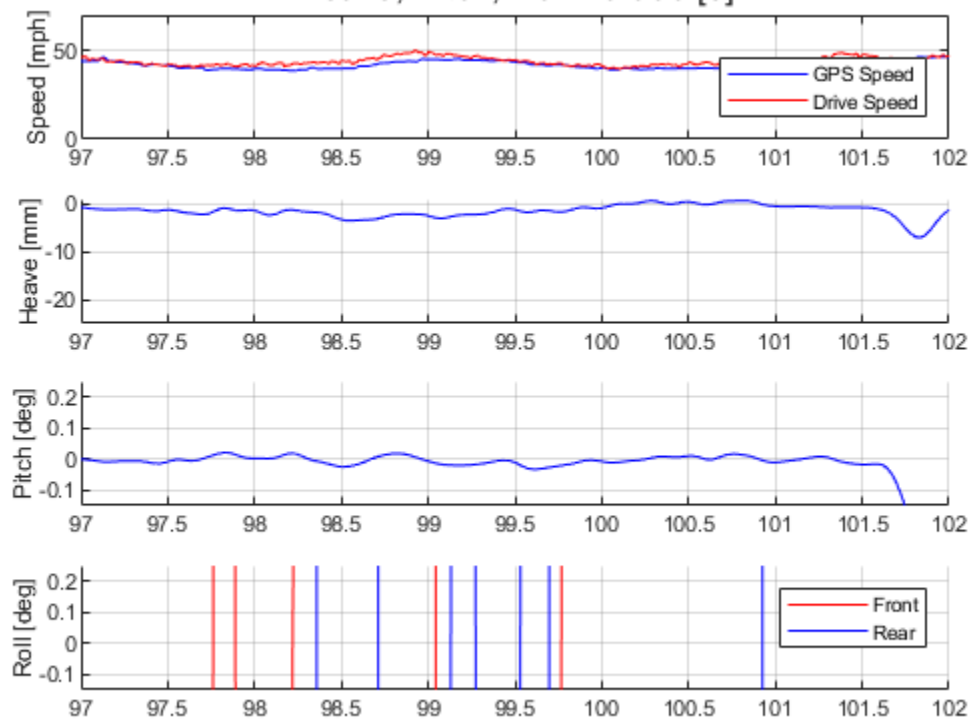
## Current and Voltage vs Time

tilled layout

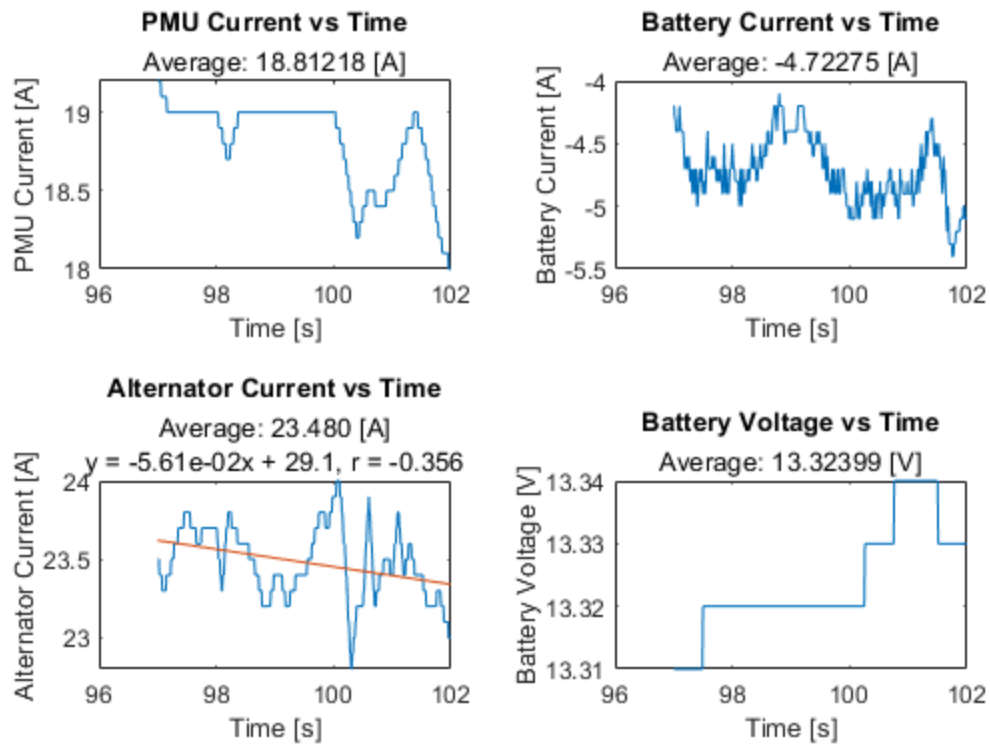
## Electronics



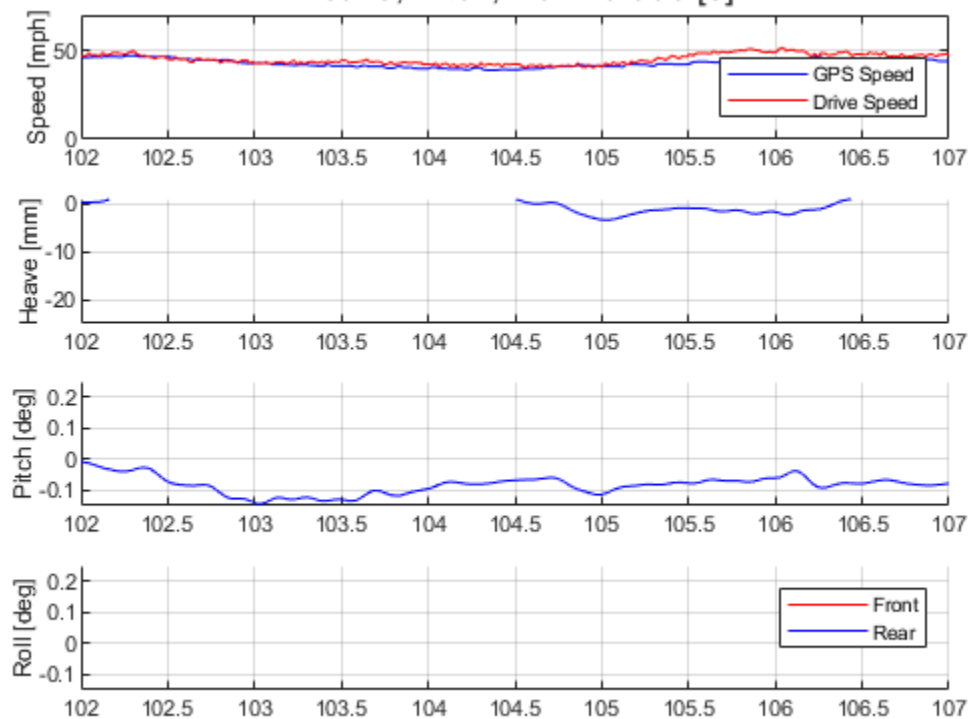
## Heave, Pitch, Roll - 5.000 [s]



## Electronics

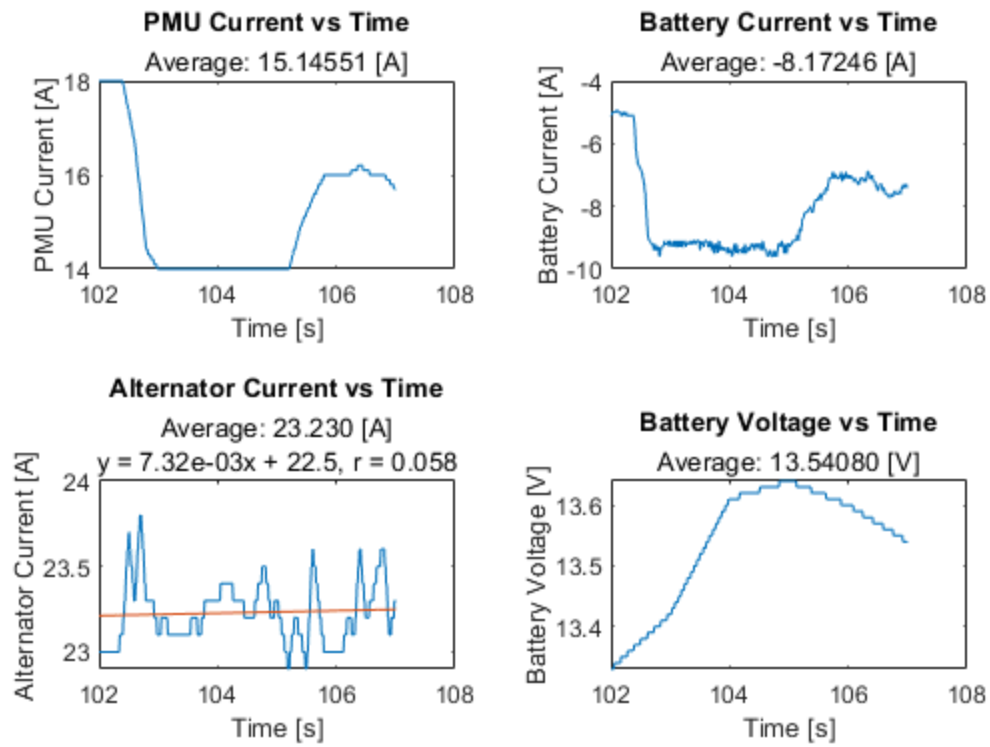


## Heave, Pitch, Roll - 5.000 [s]

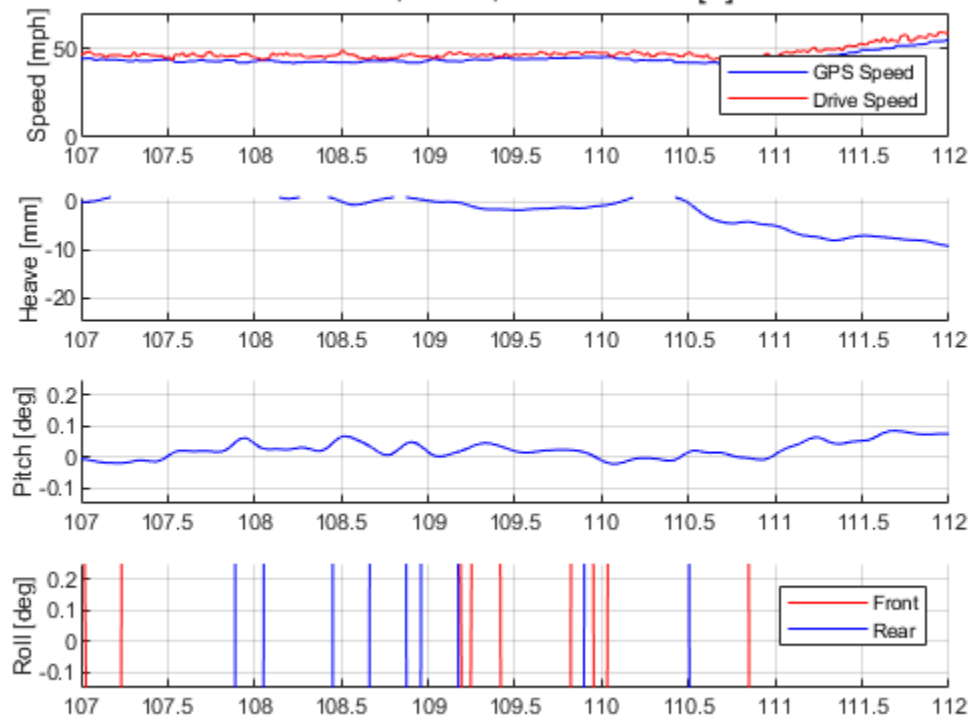




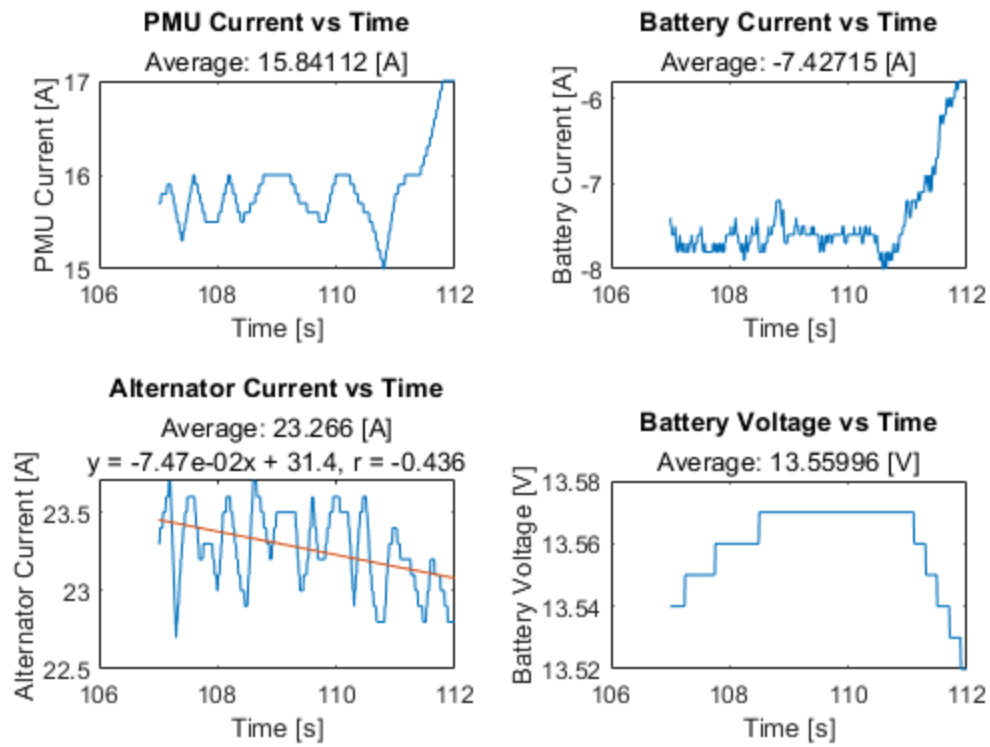
## Electronics



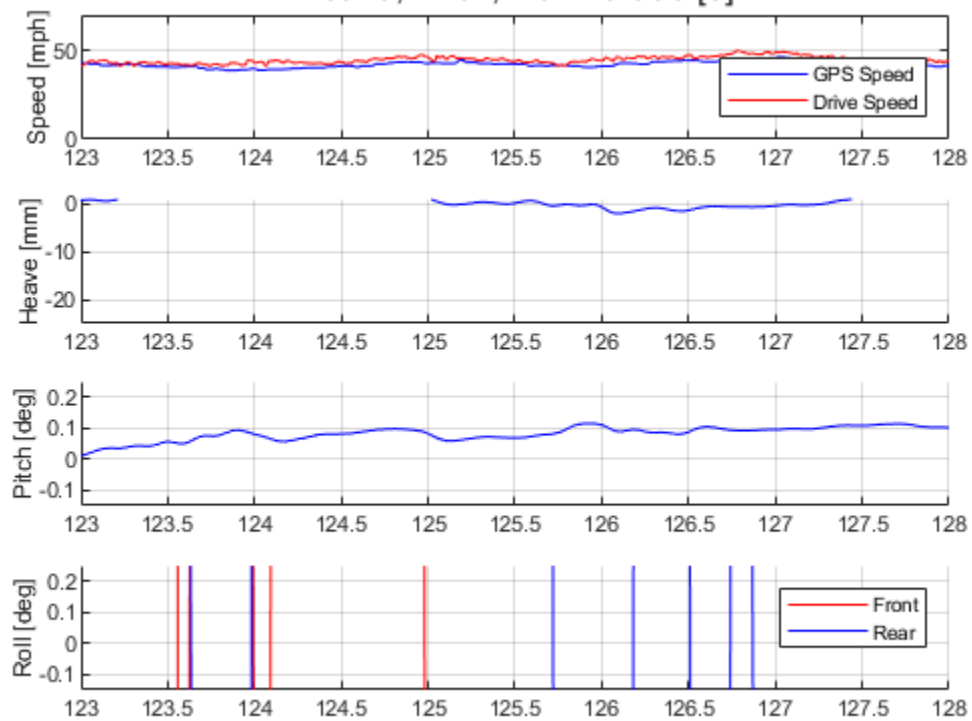
## Heave, Pitch, Roll - 5.000 [s]



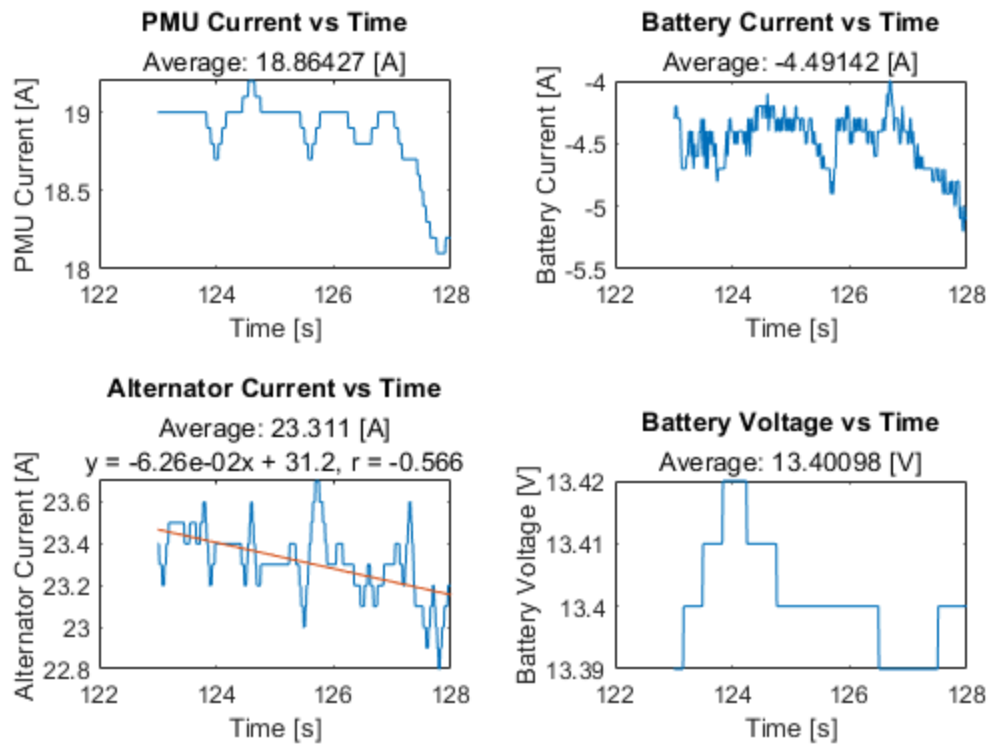
## Electronics



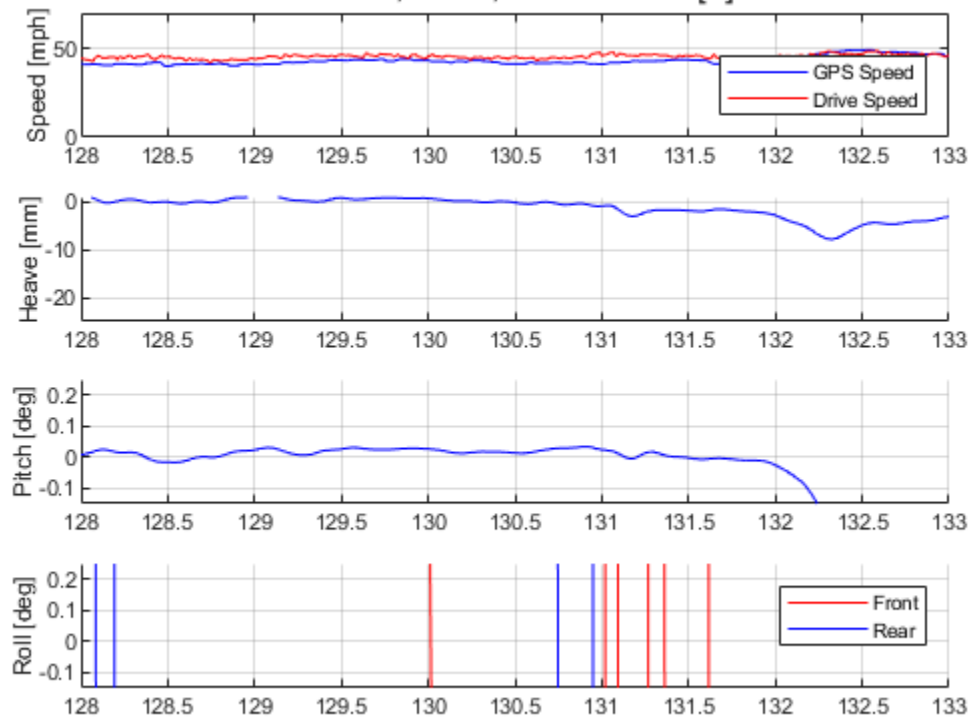
## Heave, Pitch, Roll - 5.000 [s]



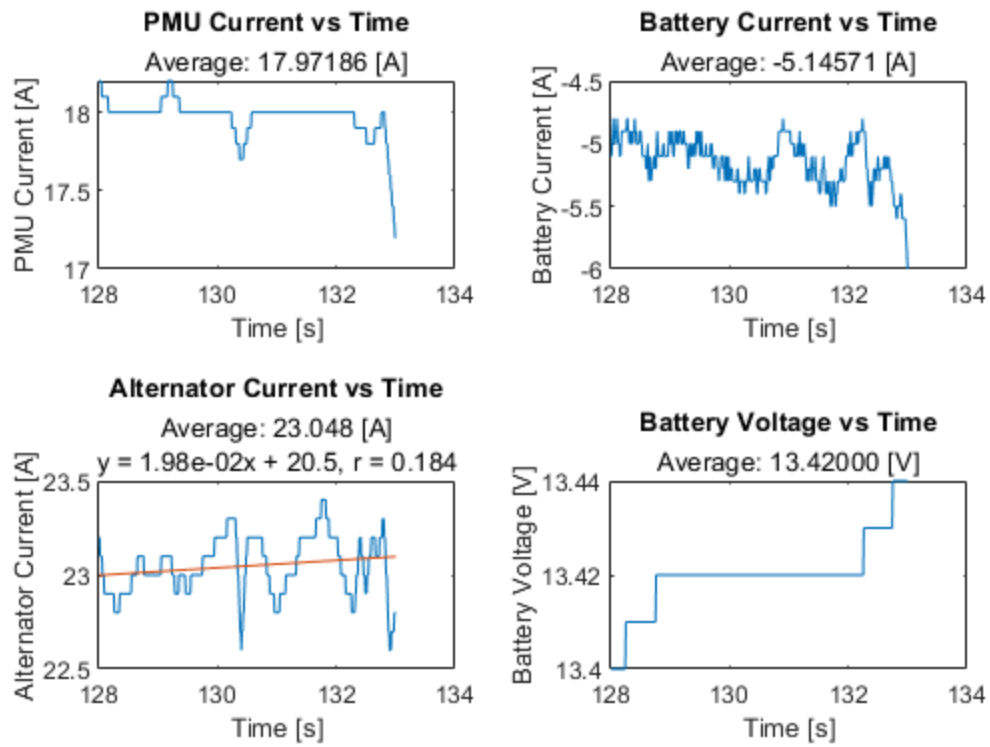
## Electronics



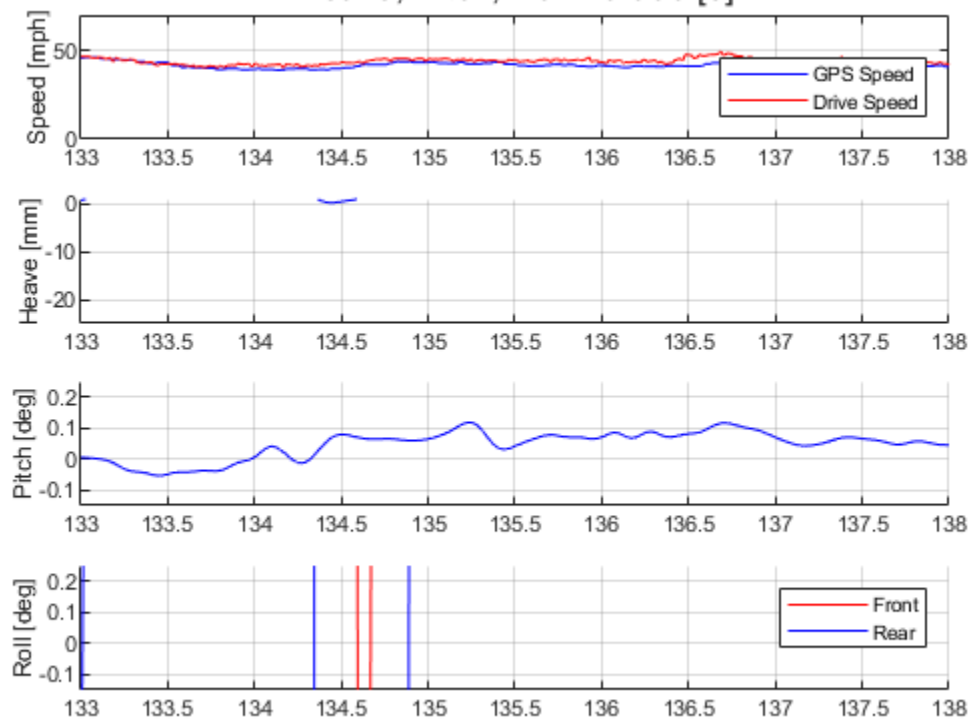
## Heave, Pitch, Roll - 5.000 [s]



## Electronics

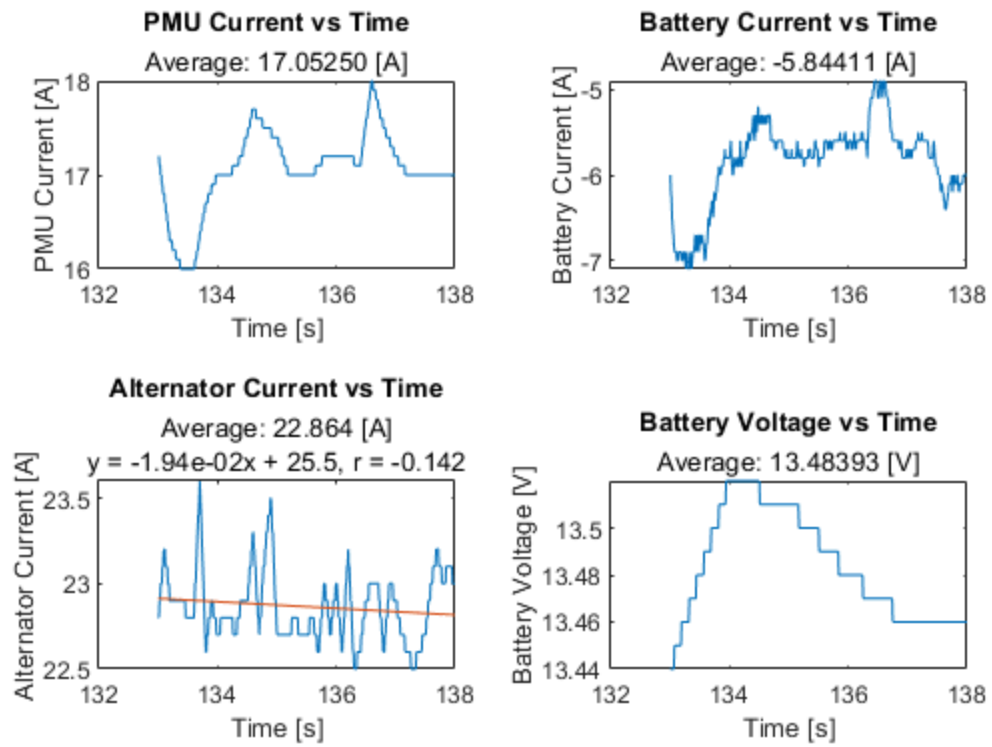


## Heave, Pitch, Roll - 5.000 [s]

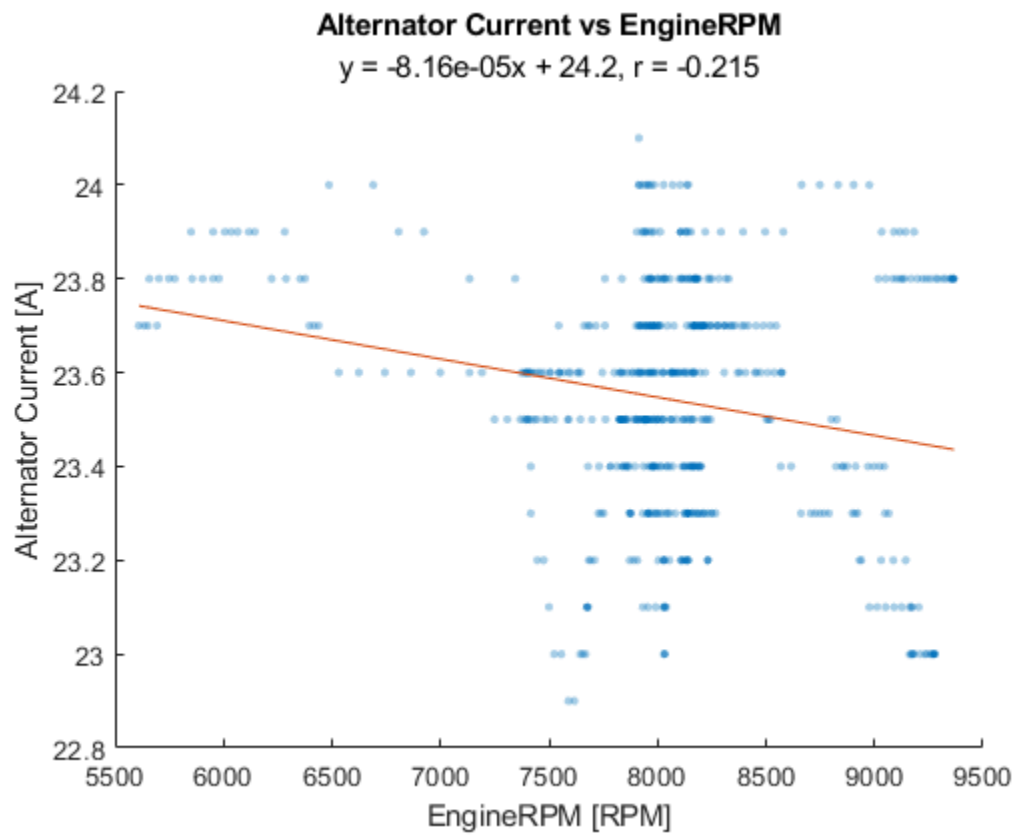


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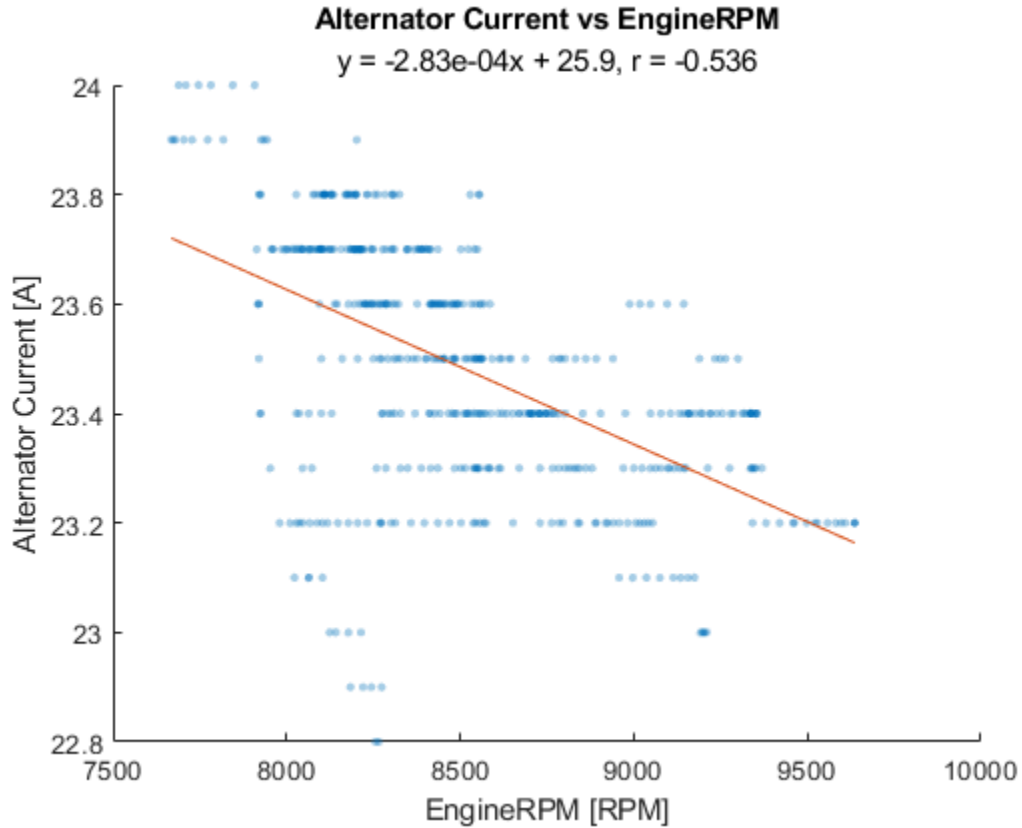
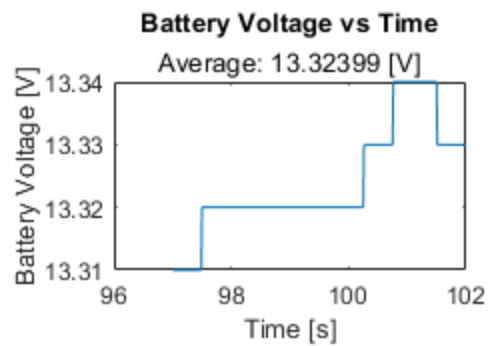
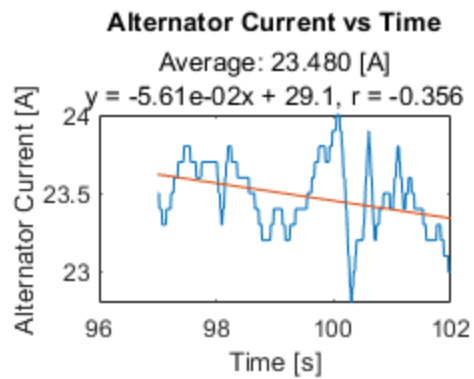
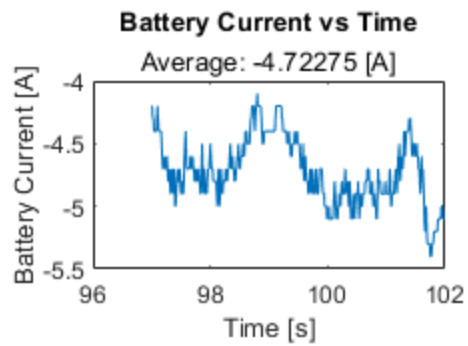
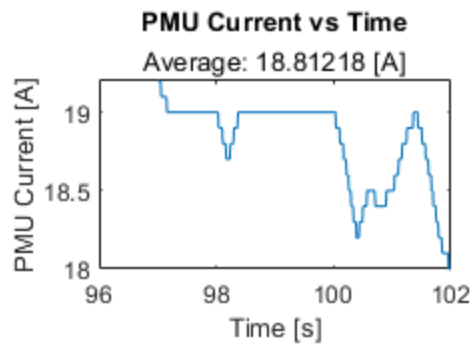
## Electronics



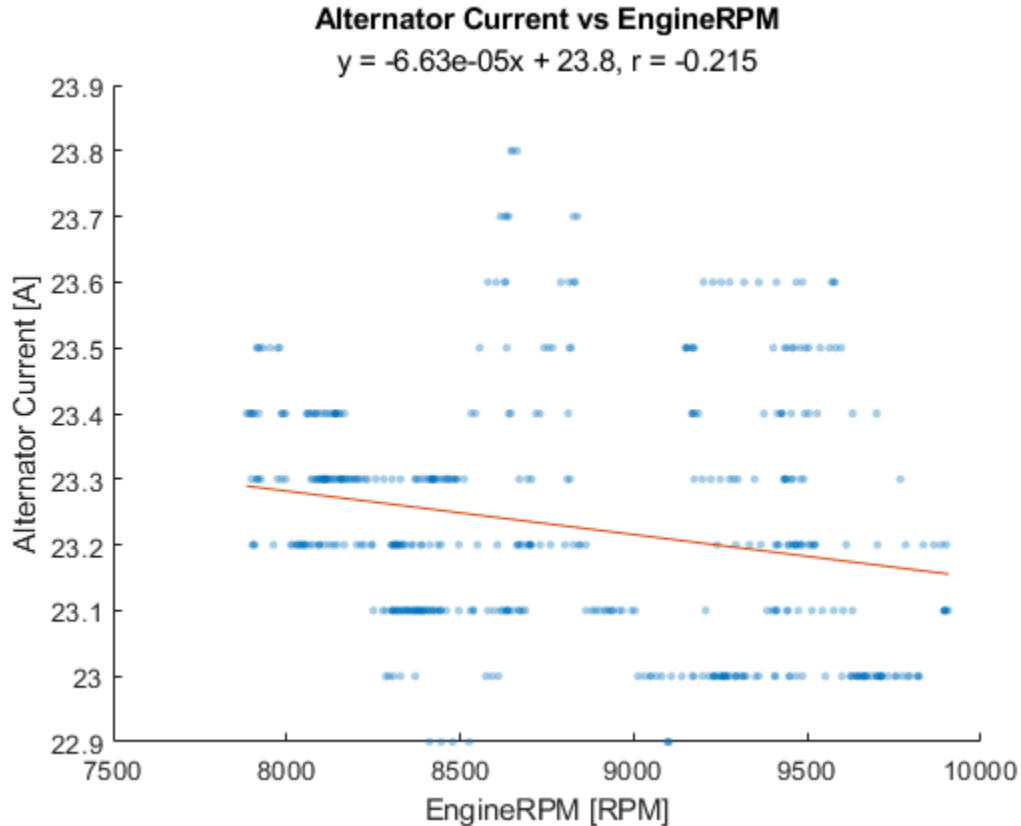
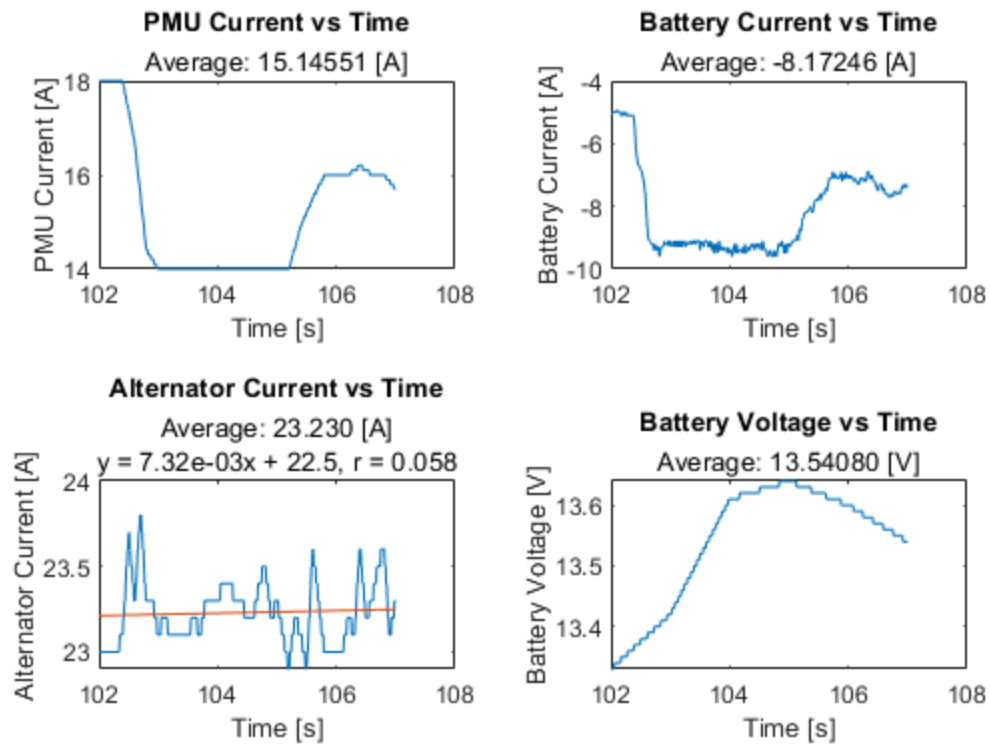
## alternator current vs EngineRPM scatter plot



## Electronics

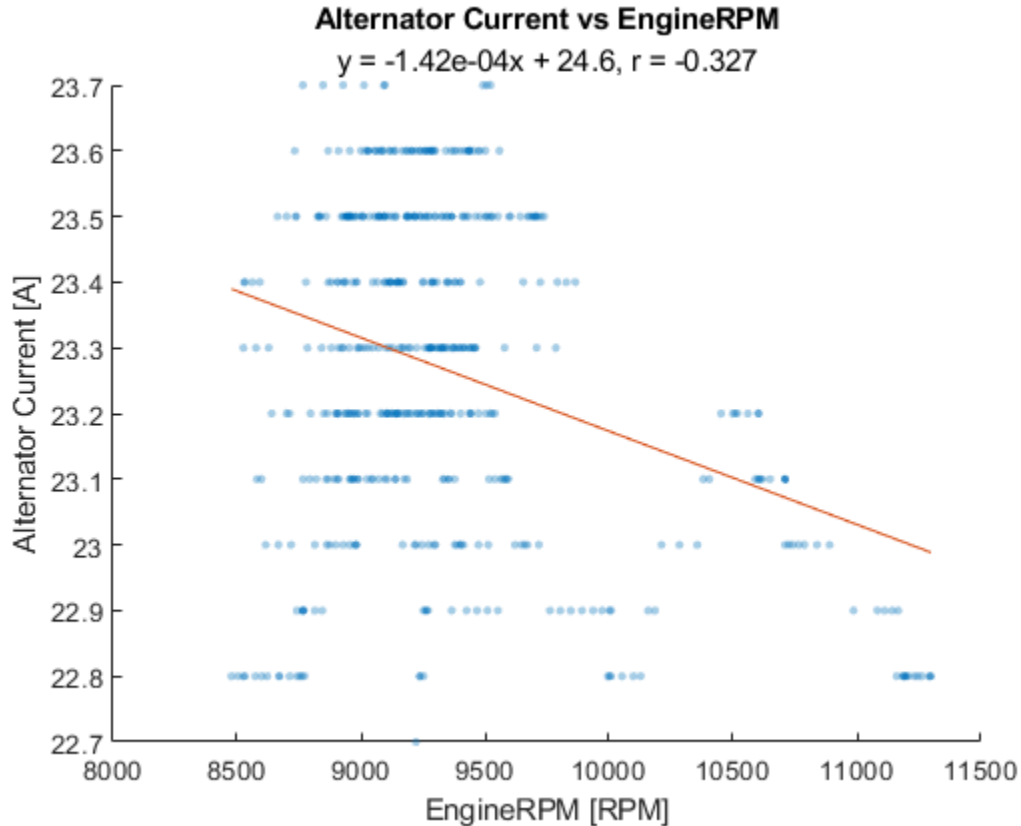
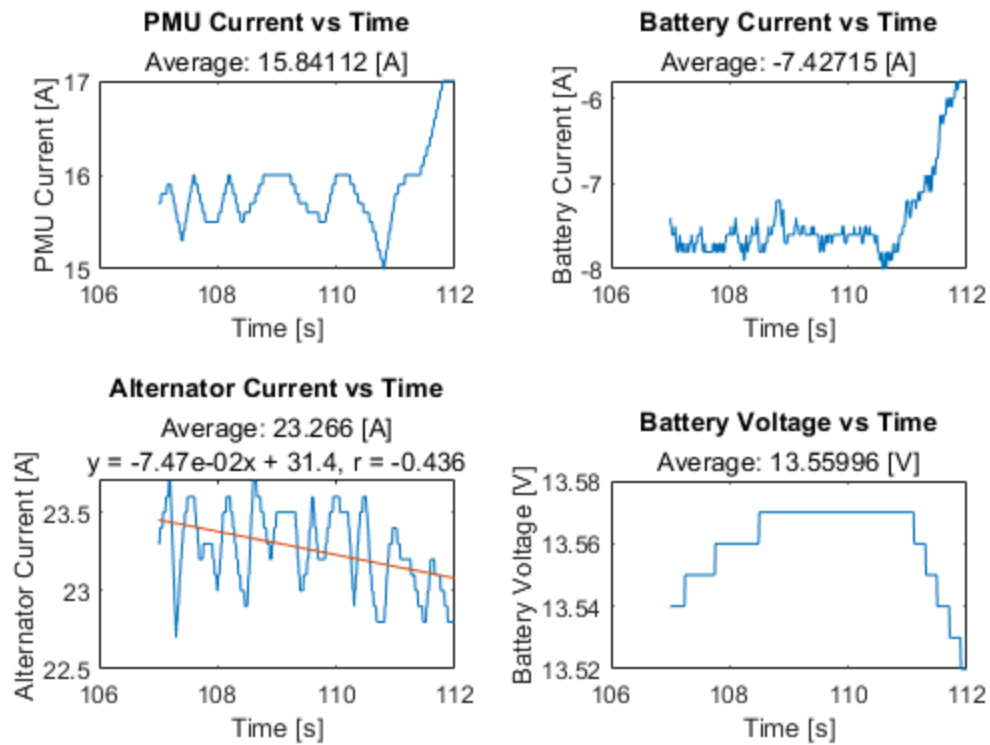


## Electronics

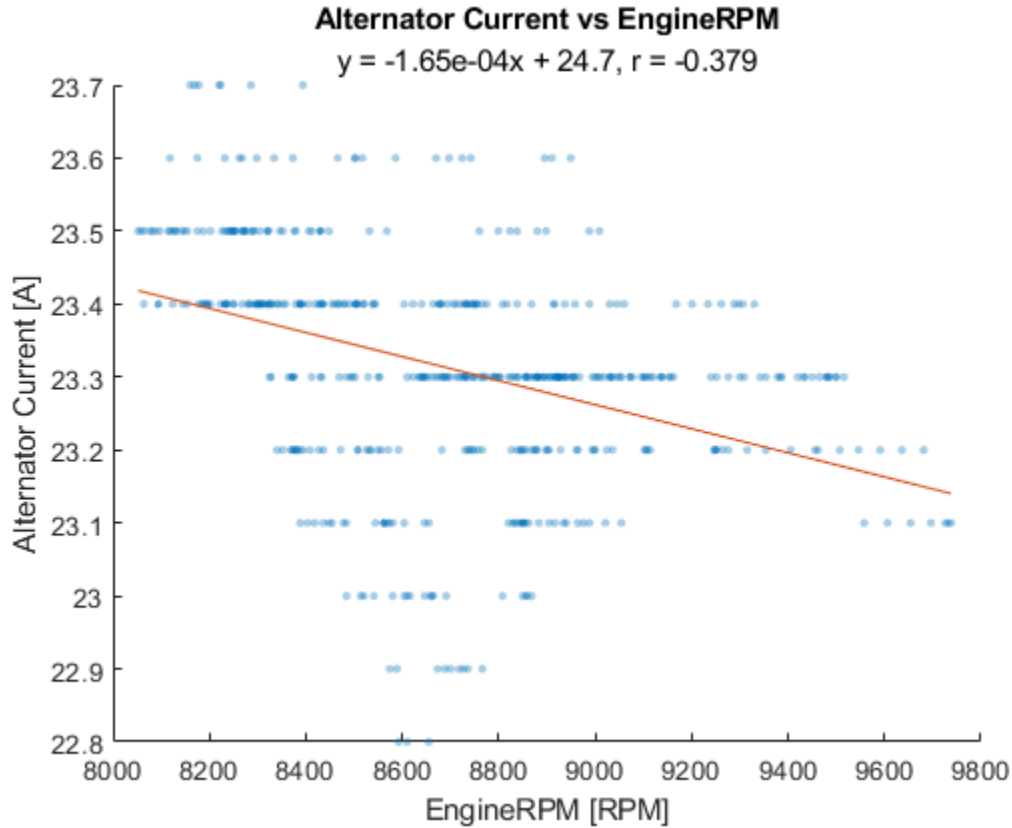
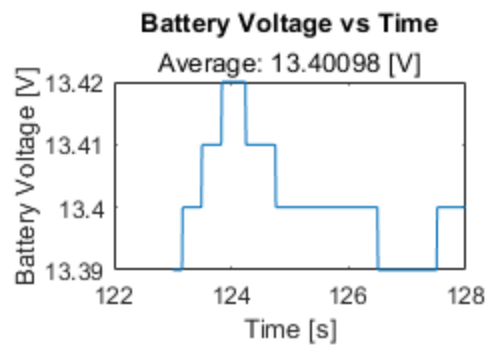
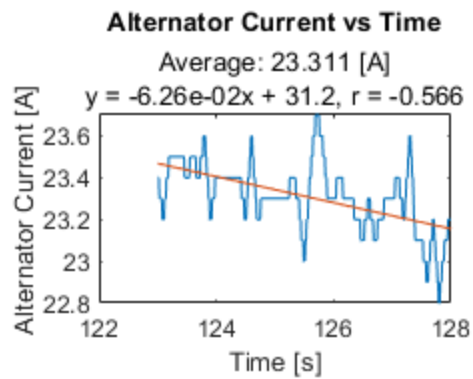
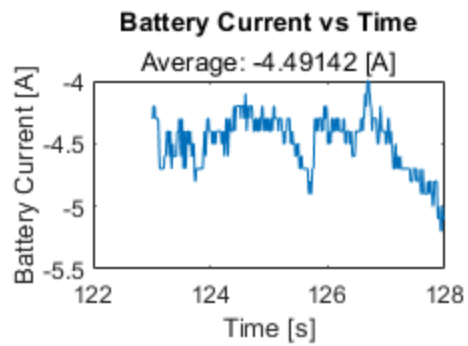
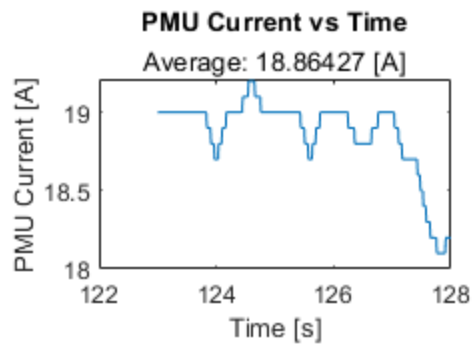




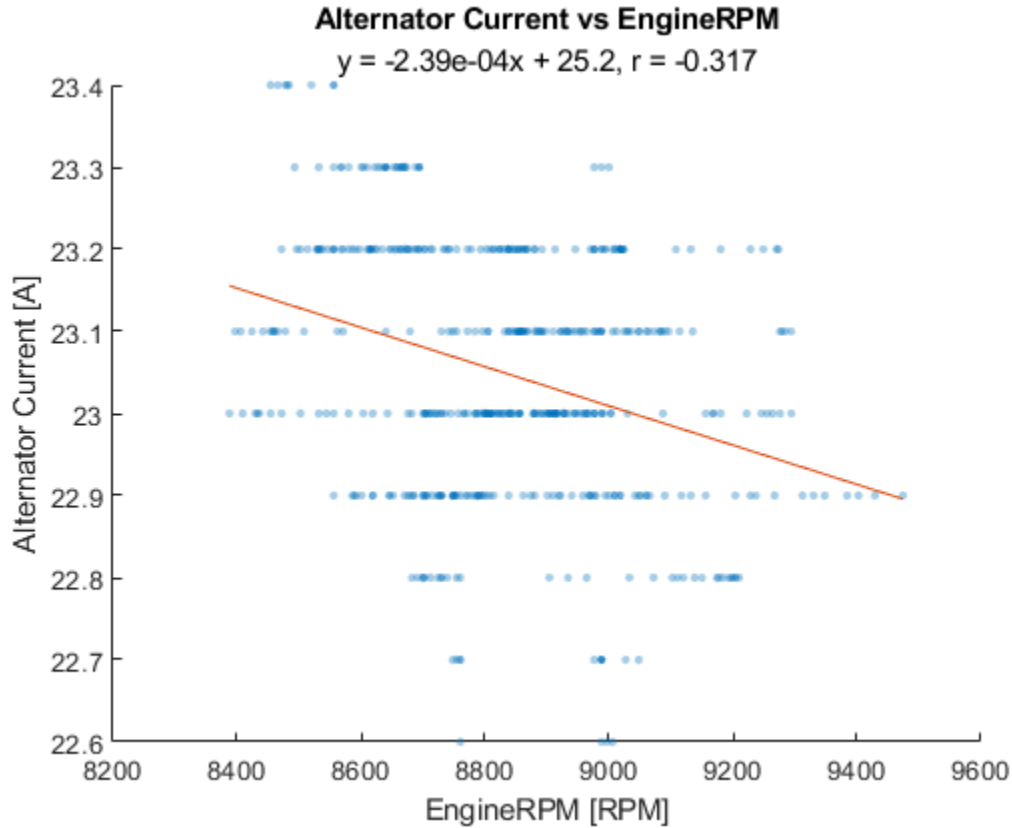
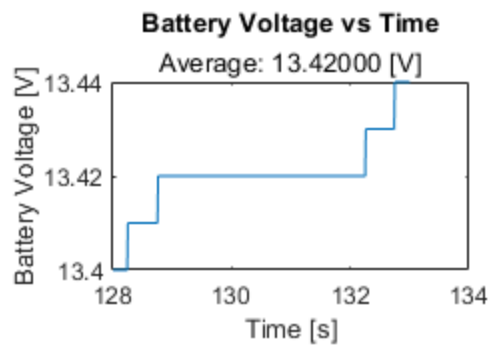
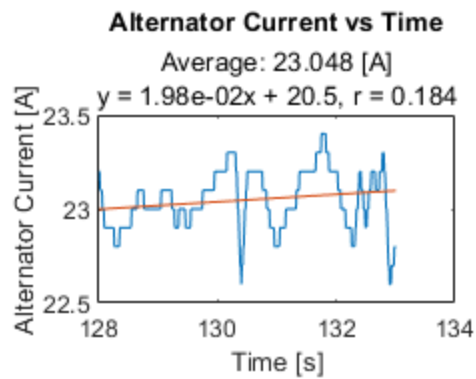
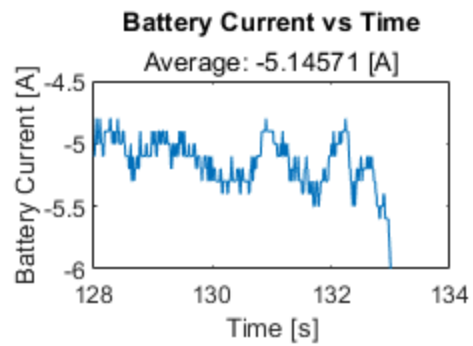
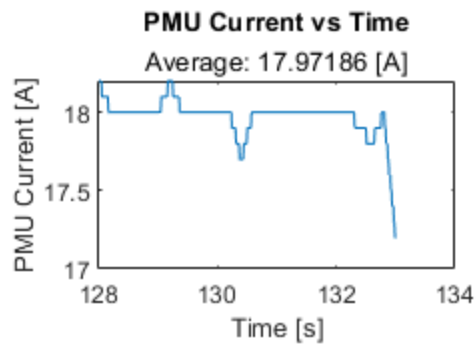
## Electronics



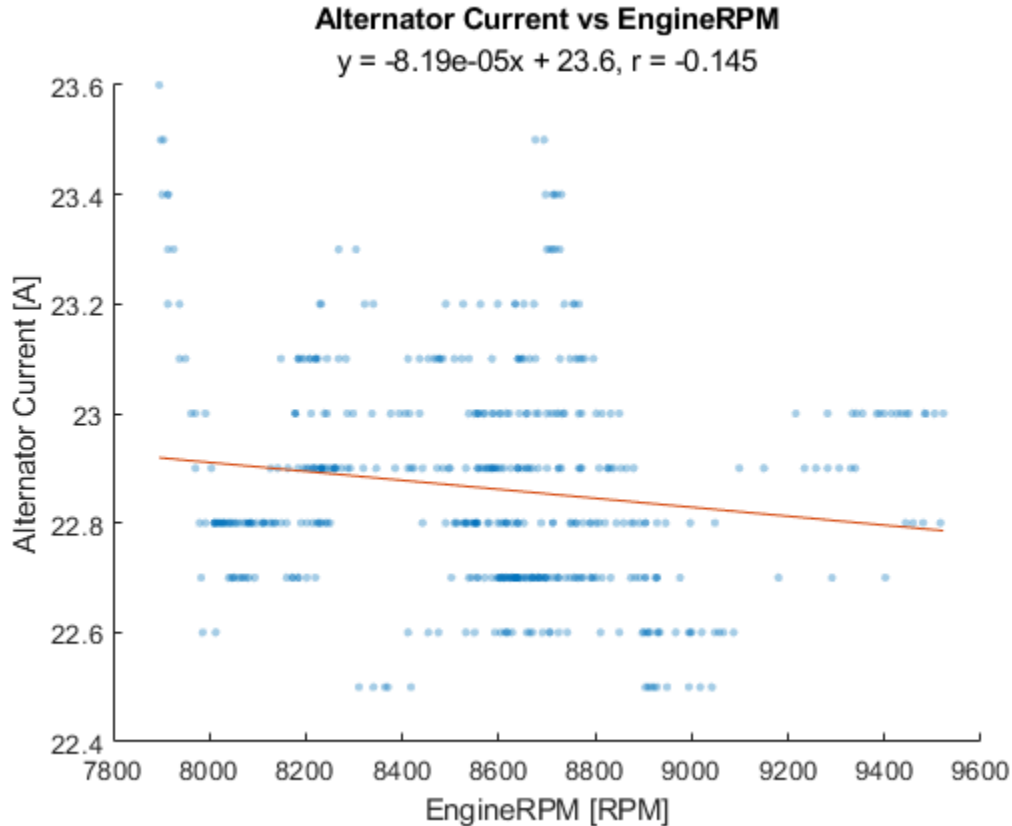
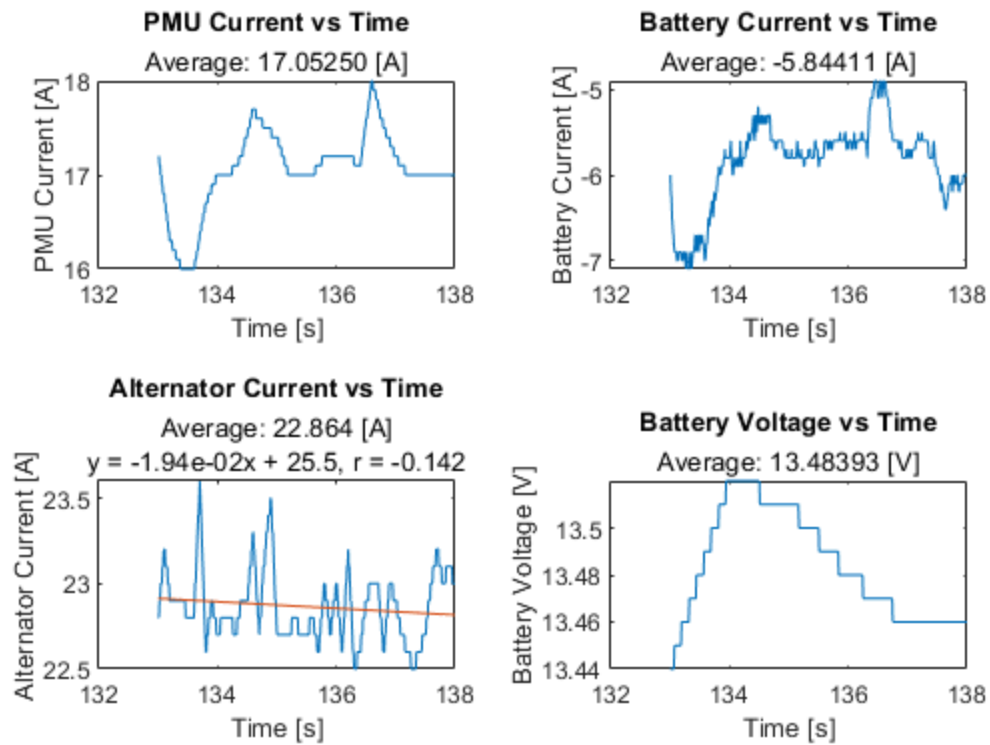
## Electronics



## Electronics

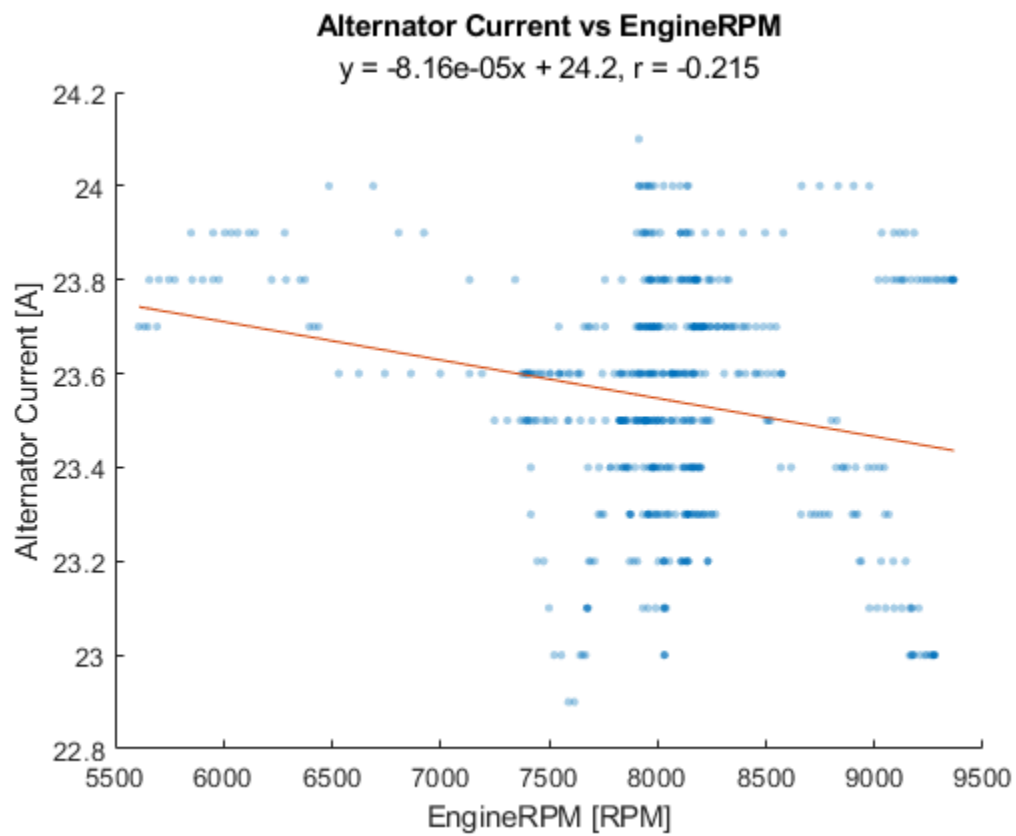


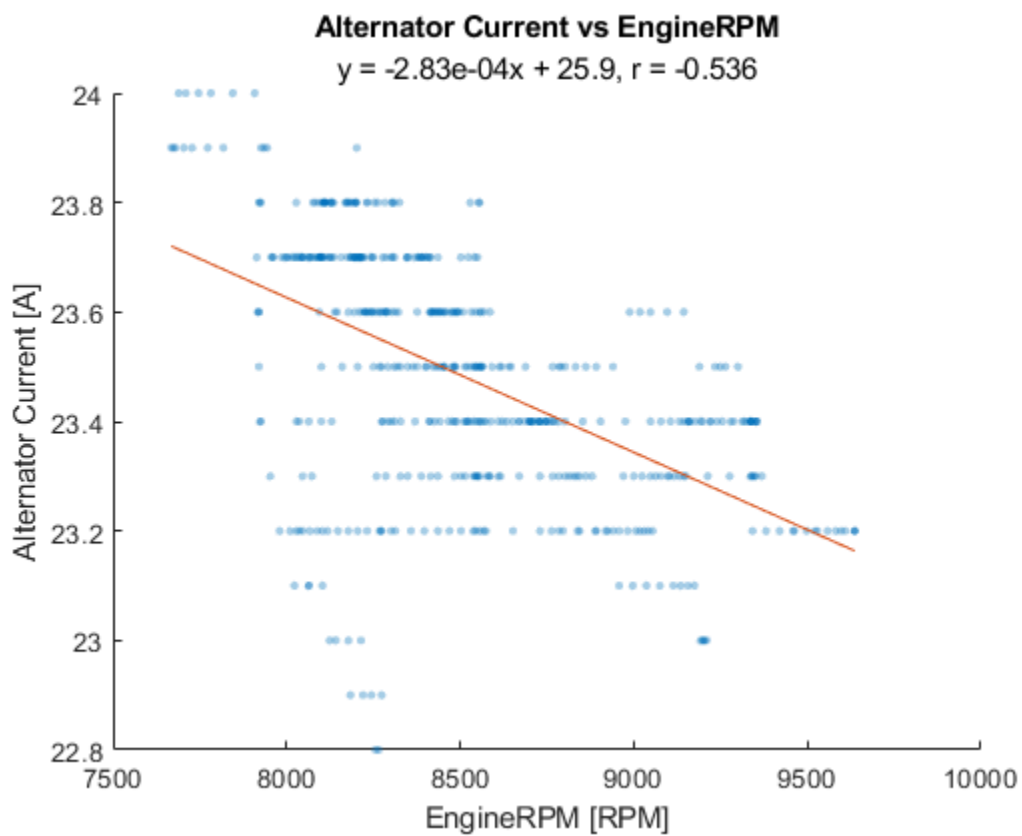
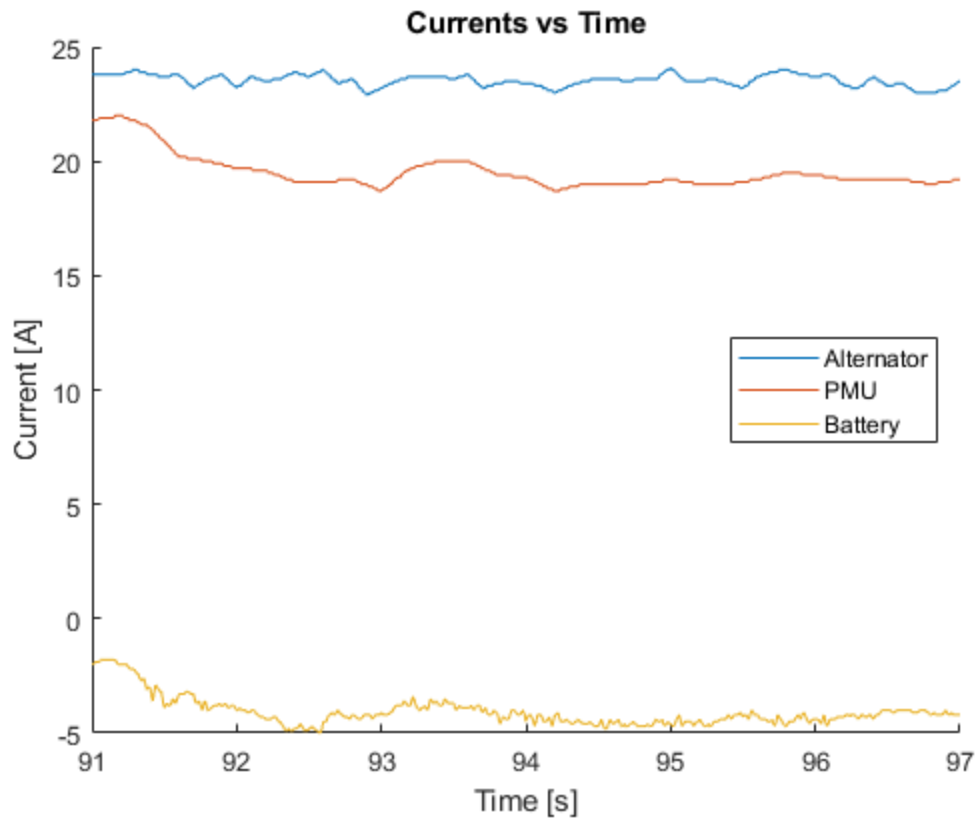
## Electronics

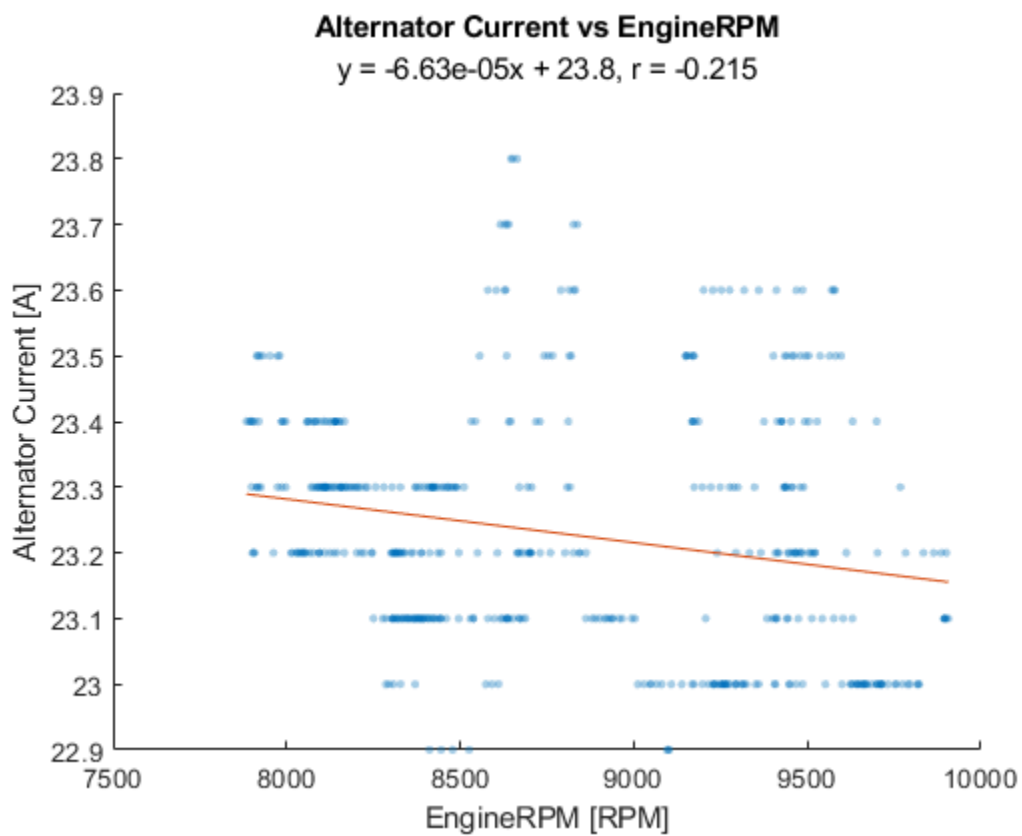
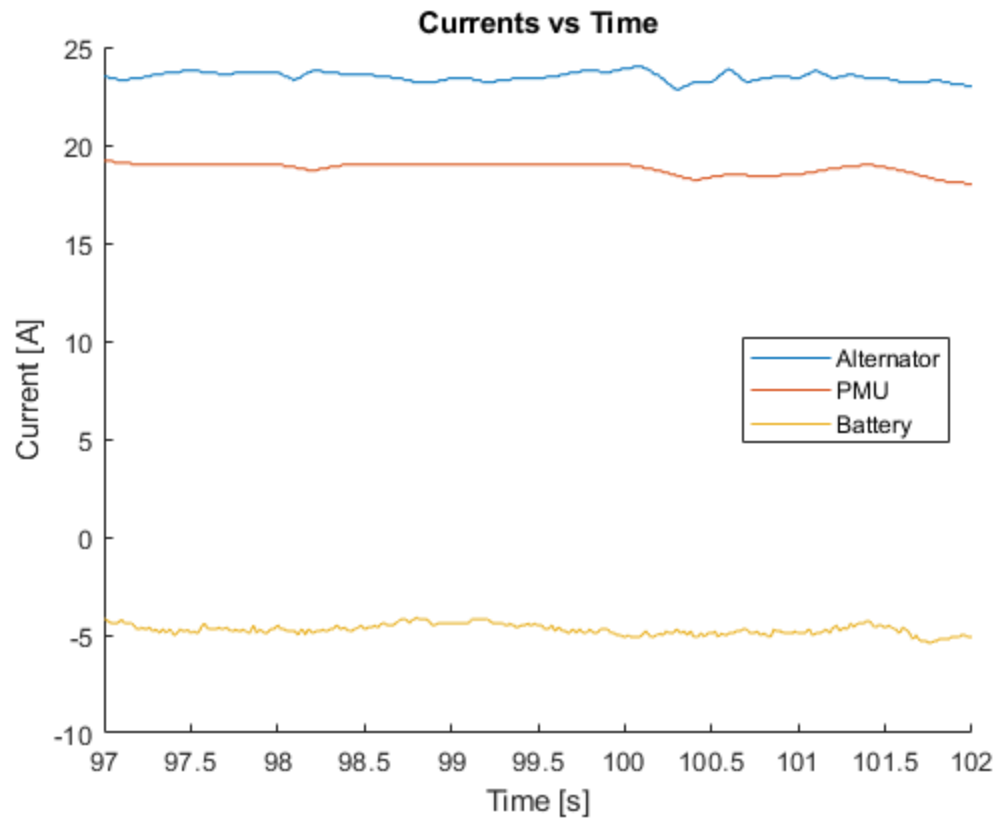


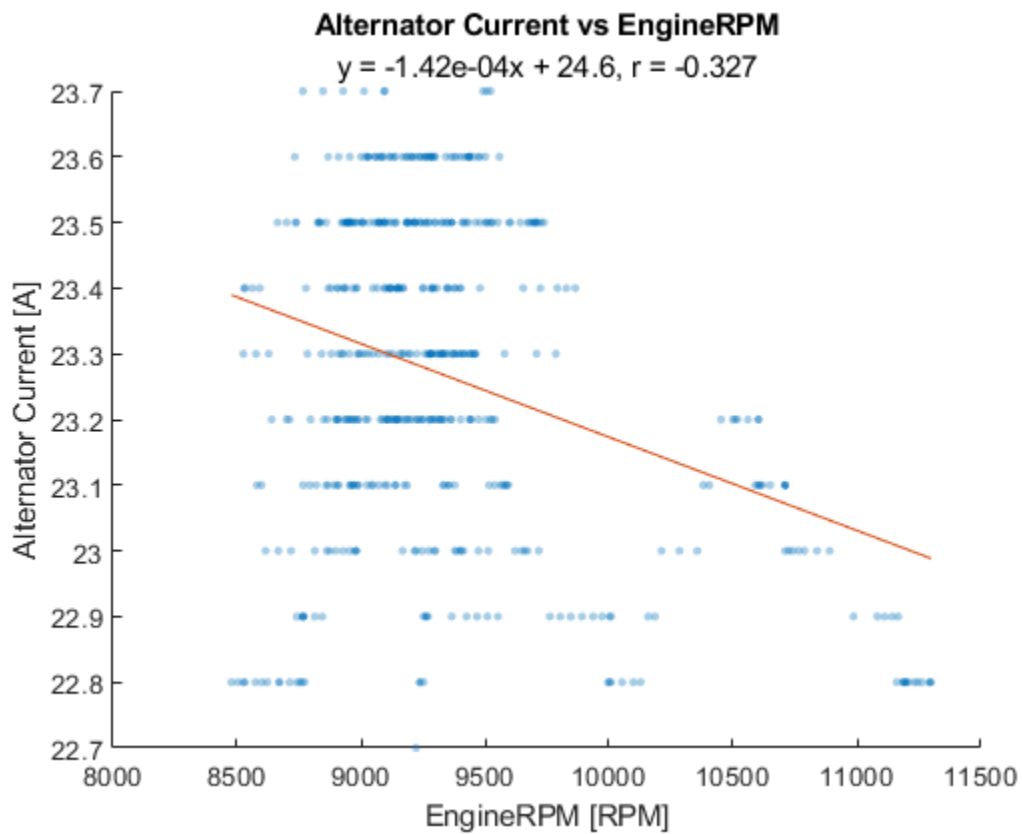
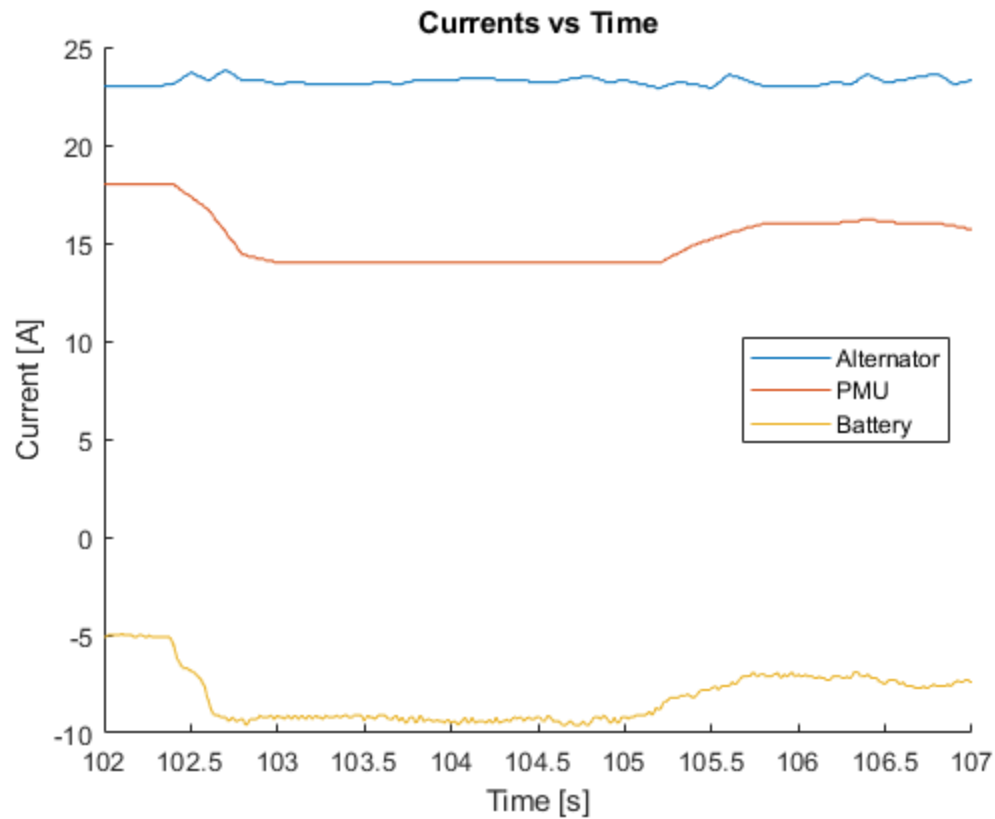
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**All currents together (not sure if this is helpful)**

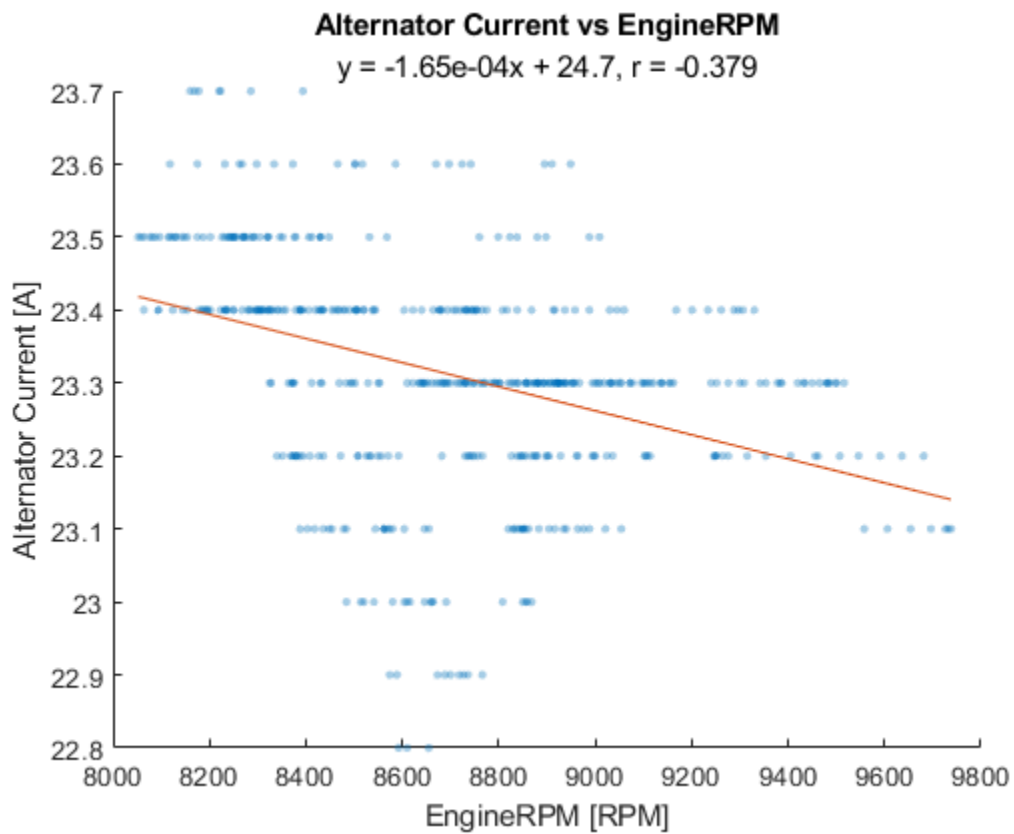
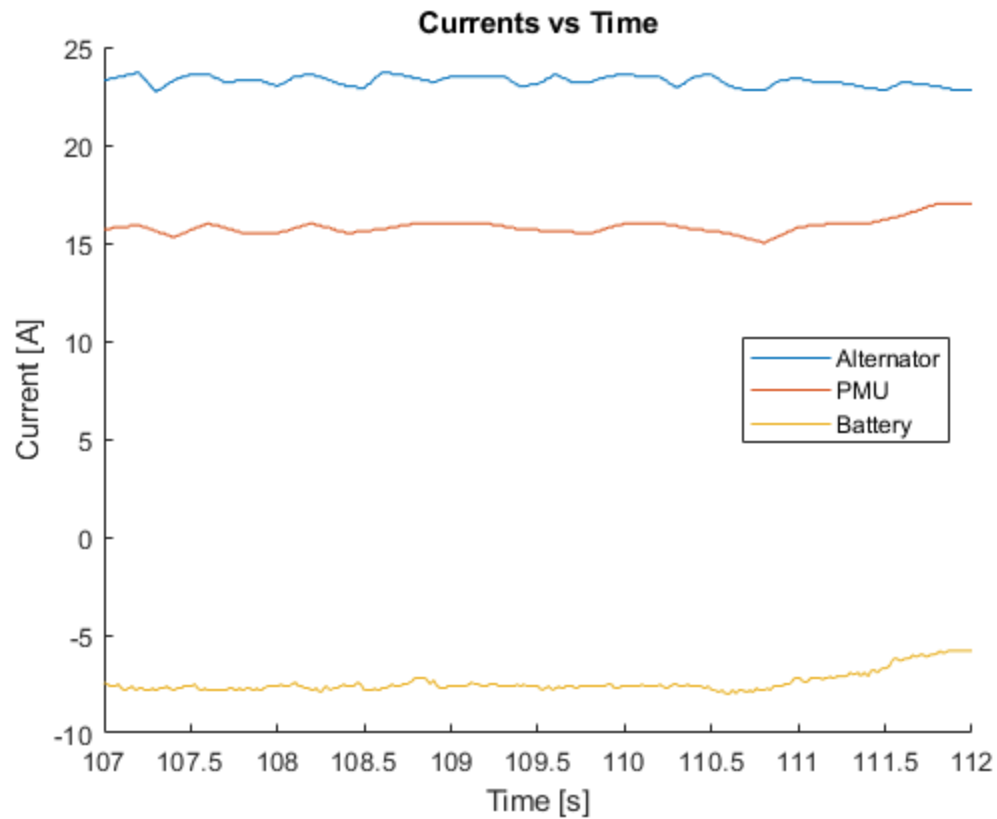


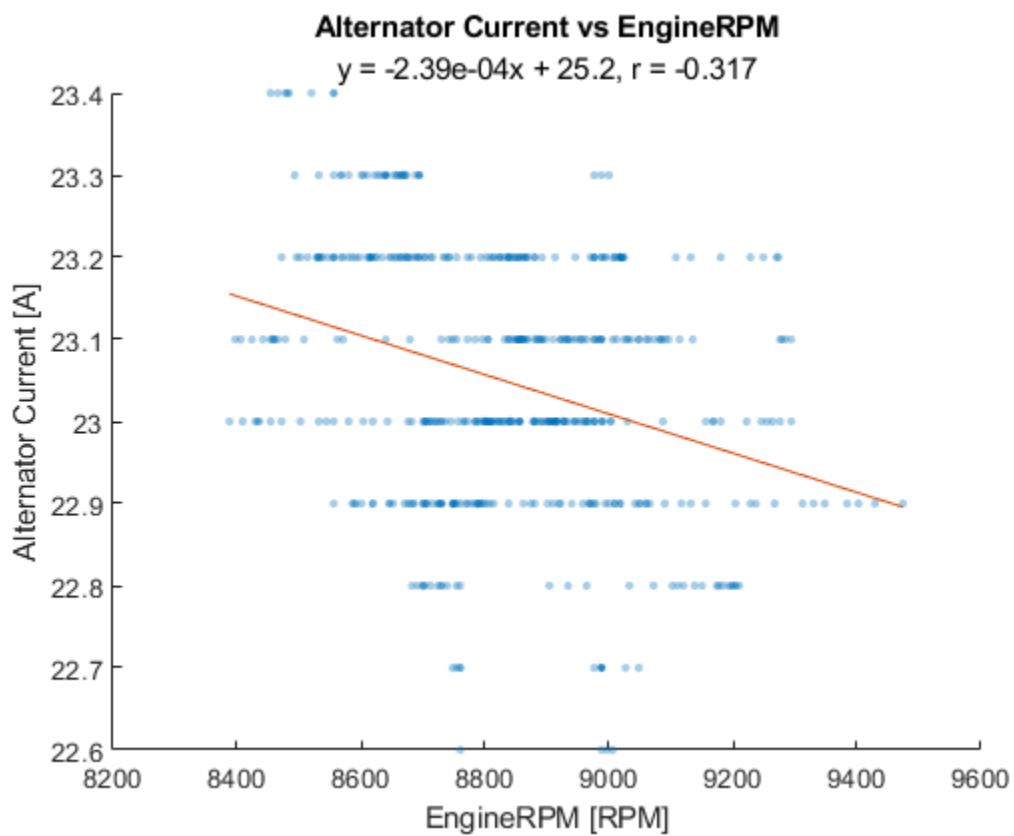
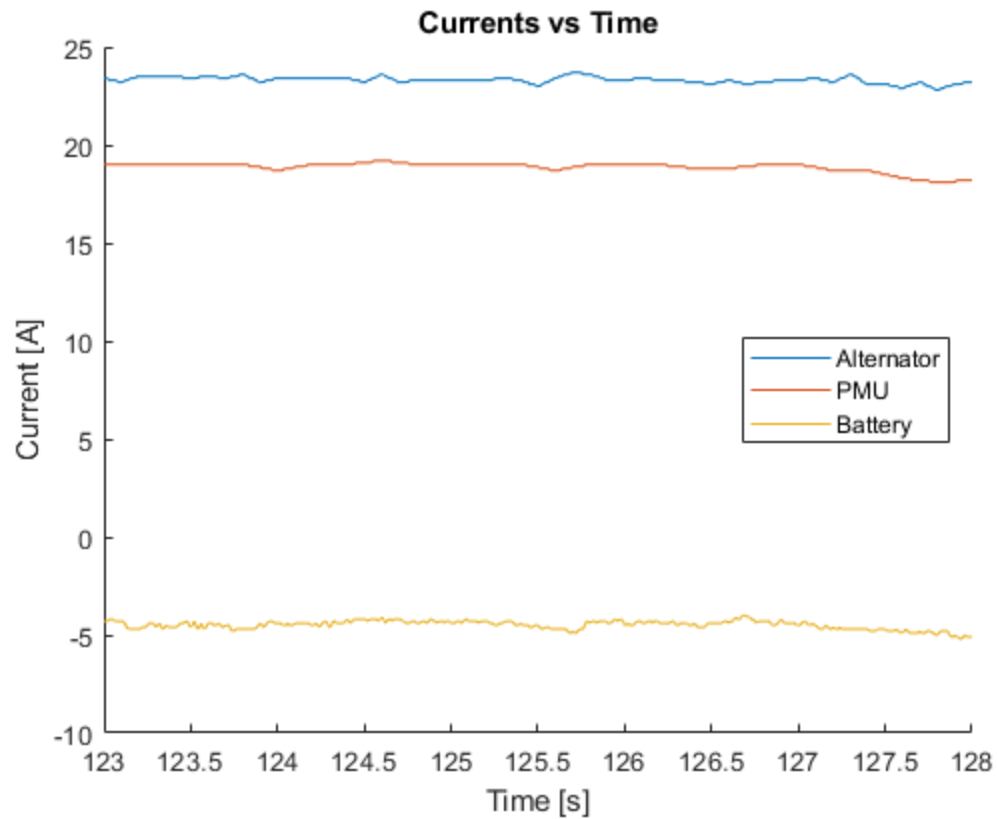


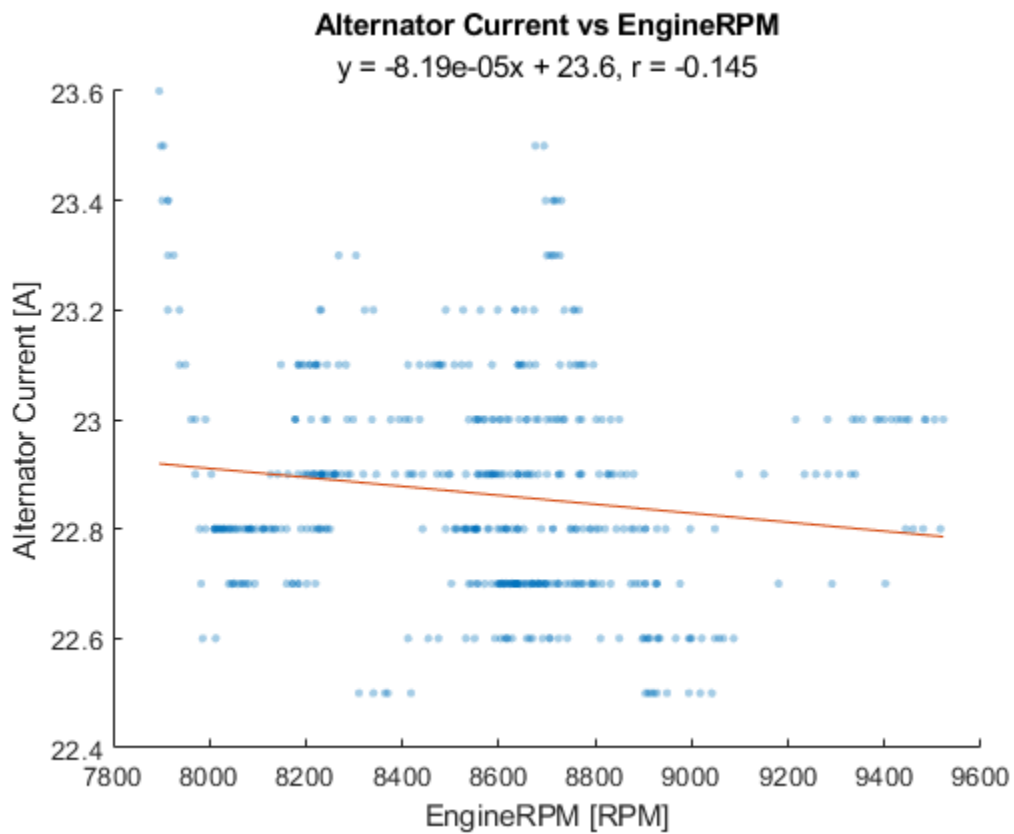
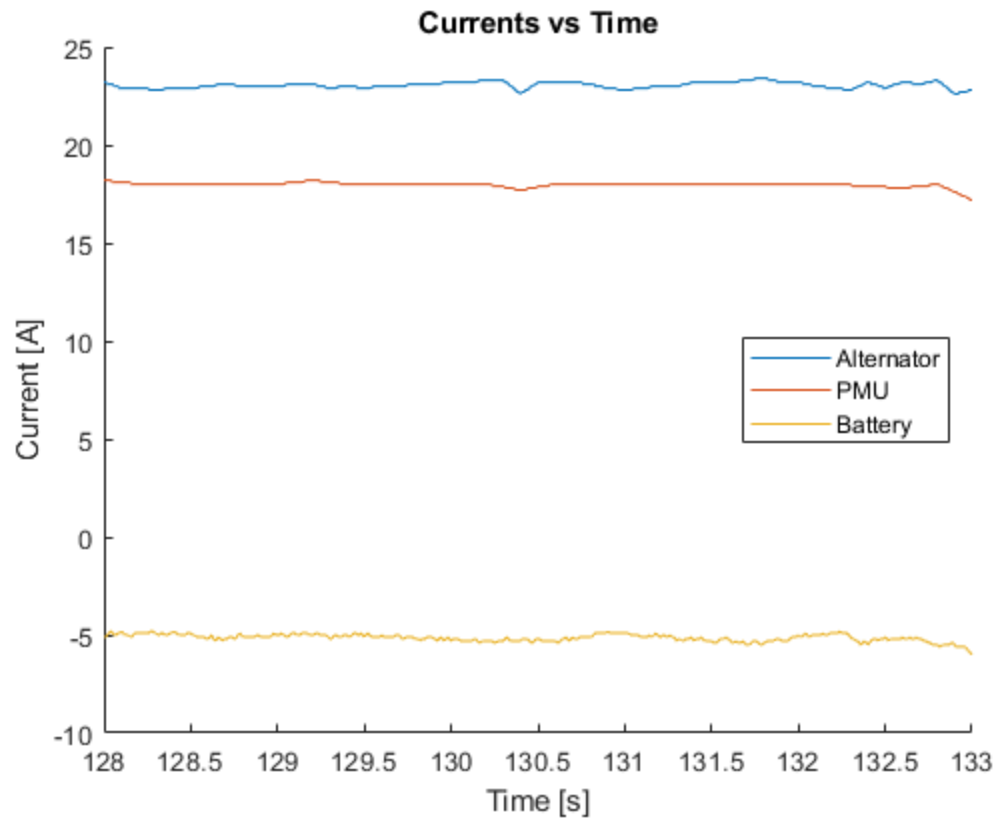


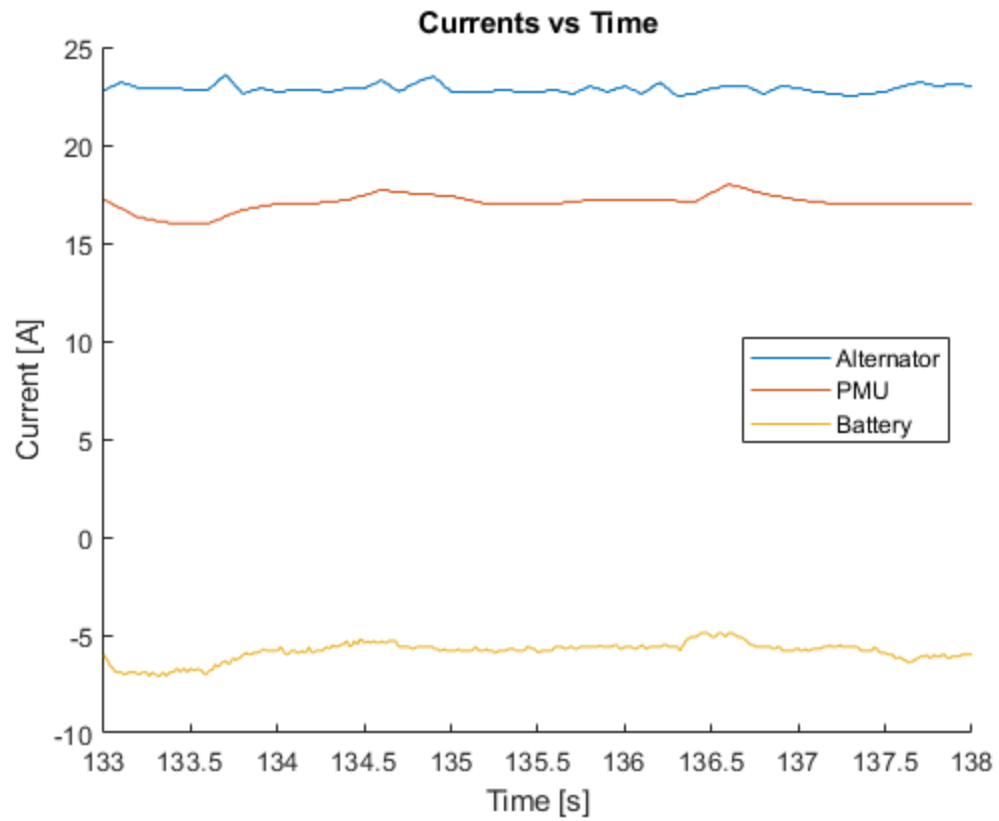












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