

Sub-System: Electrical

Specification	Unit of Measure	Threshold	Objective	Measured Value	Performed By	Test
5 Volt Rail Regulation	%	5%	1%			Measure rail voltage with DVM over line and load conditions
3.3 Volt Rail Regulation	%	5%	1%			Measure rail voltage with DVM over line and load conditions
PM Digital Vbatt Sensing Accuracy	%	10%	5%			Measure Vbatt and compare with ATMEGA Debug output
PM Digital Ibatt Sensing Accuracy	%	10%	5%			Measure Ibatt and compare with ATMEGA Debug output

Sub-System: Software

- Motor Controls Integration
- Joystick Integration
- Encoders Integration
- Power Management Integration
- GPS Integration
- Video Feed Integration