

## (device,0,0,-1,-1,0,0) Plots and Summary

- Cell Size = 10um
- Number of Times Accessed = 11
- Last Accessed = 2022/February/21 at 02:19PM

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Accessed at 01:33PM on 2022/February/21

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 0.5V/s

Compliance Current = 50.0uA

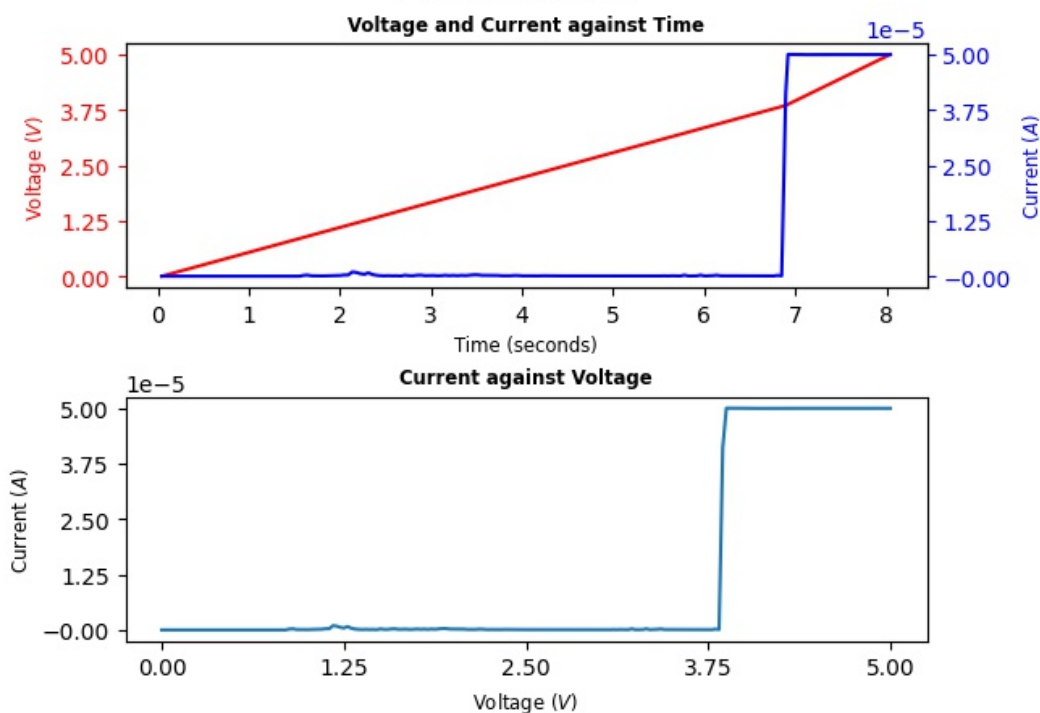
Platinum Voltage =

Copper Voltage =

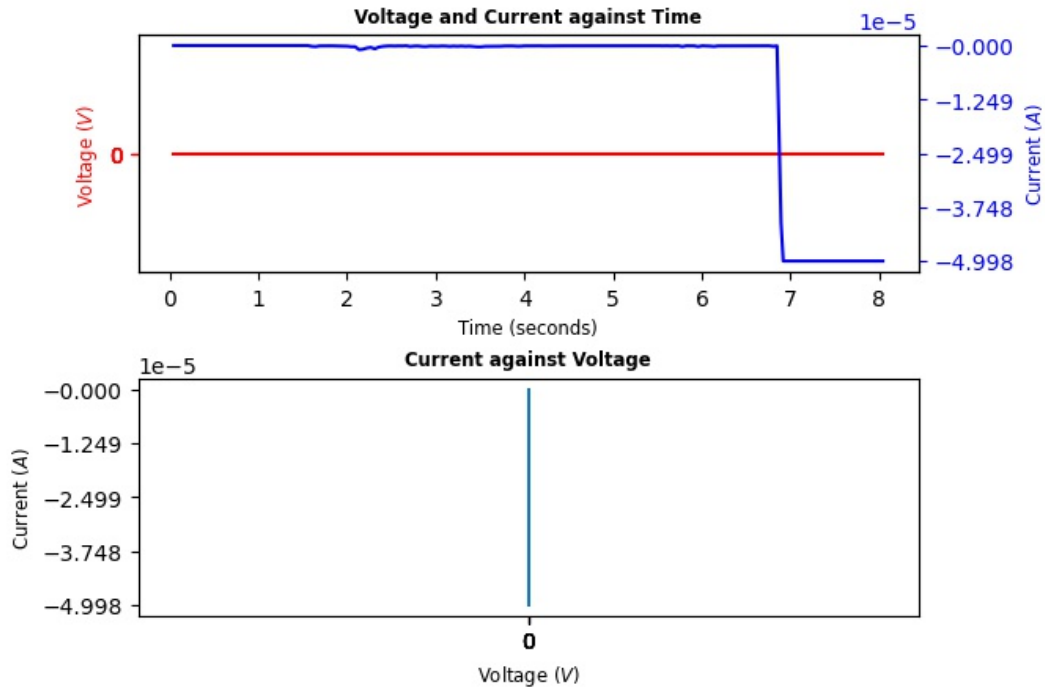
Run Folder Name = <2 probe, so invalid>

Comments = Successful form at 3.85V

### Probe A plots



## Probe B plots



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Accessed at 01:40PM on 2022/February/21

Activity = observe

Start Voltage = <3 probe observe activity, so invalid>

End Voltage = <3 probe observe activity, so invalid>

Ramp Rate = <3 probe observe activity, so invalid>

Compliance Current = 50.0uA

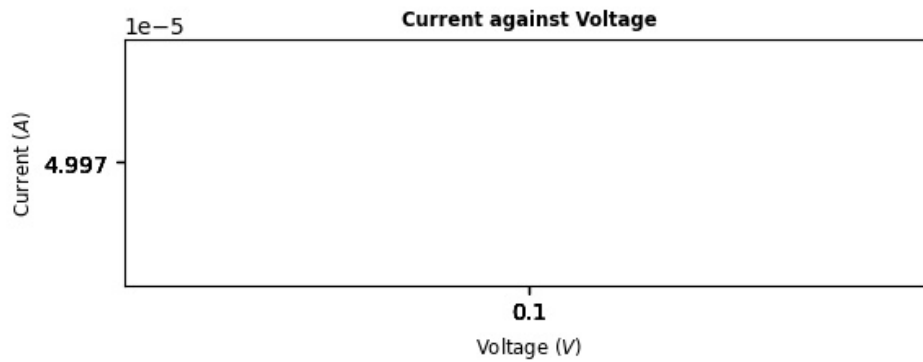
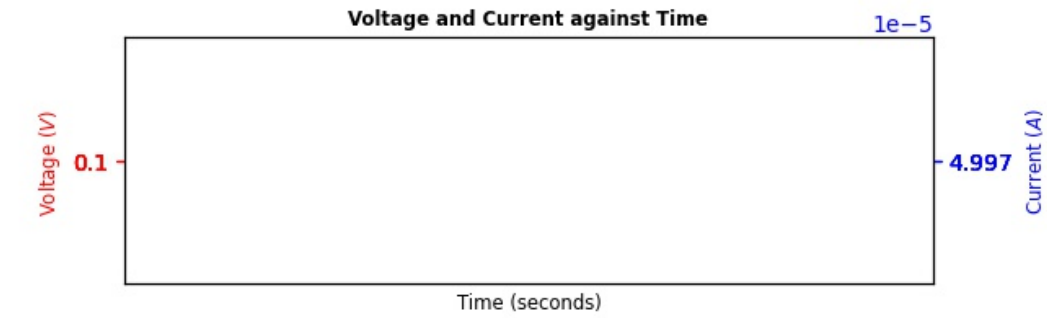
Platinum Voltage = 0V

Copper Voltage = 0.1V

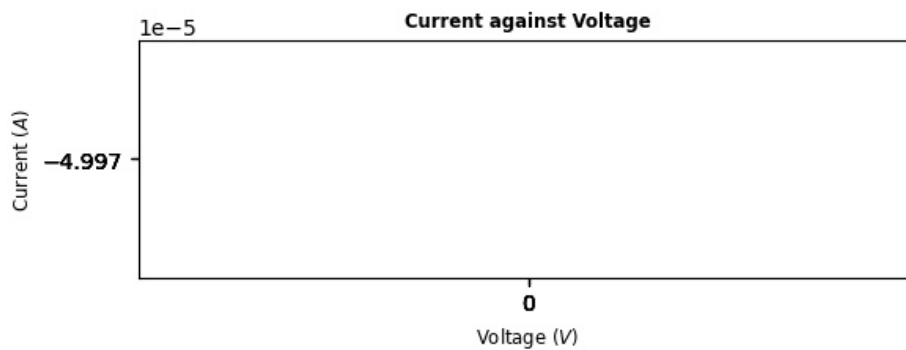
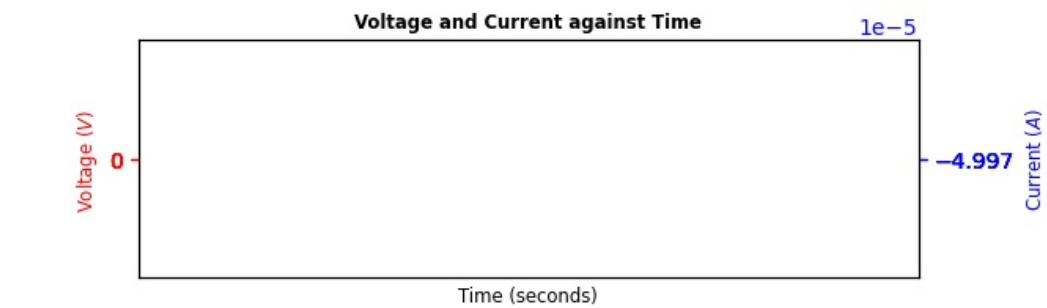
Run Folder Name = <2 probe, so invalid>

Comments =

## Probe A plots



## Probe B plots



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Accessed at 01:41PM on 2022/February/21

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 0.5V/s

Compliance Current = 5.0mA

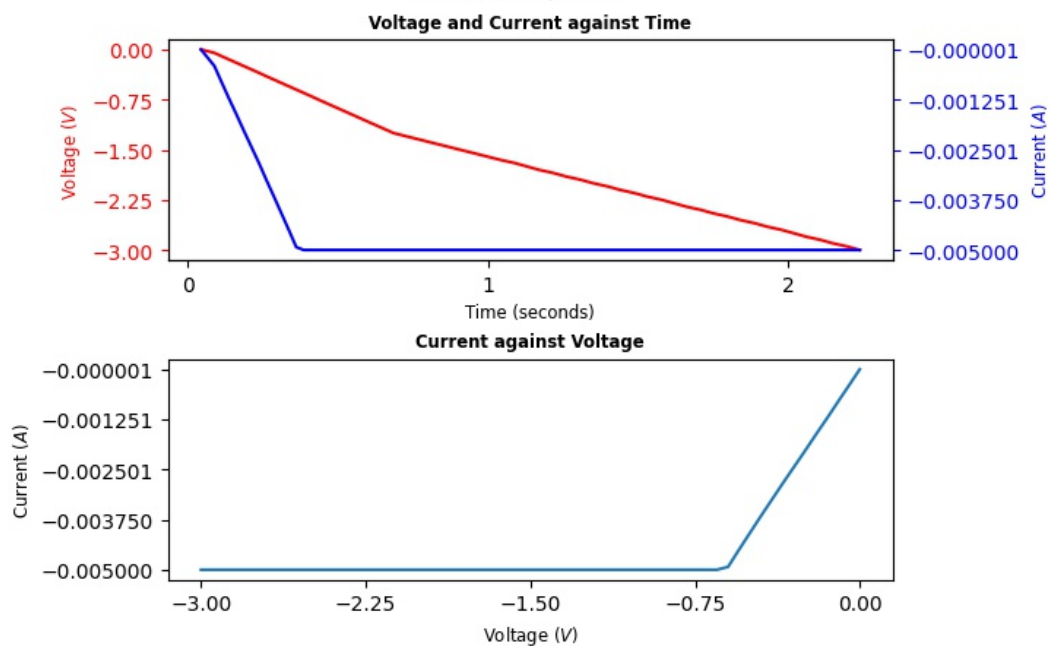
Platinum Voltage =

Copper Voltage =

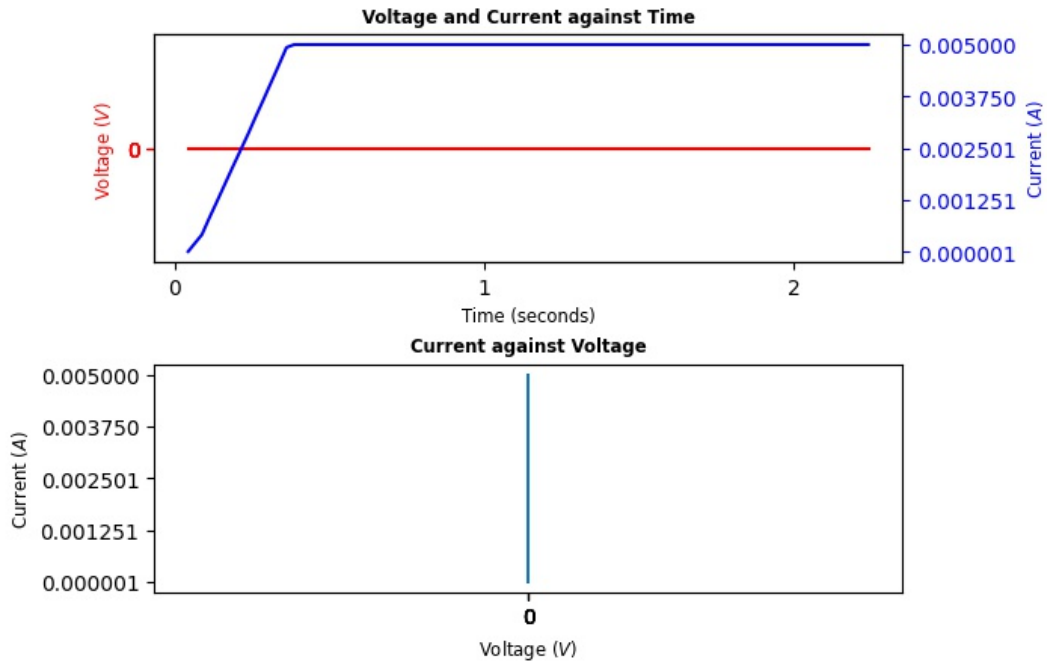
Run Folder Name = <2 probe, so invalid>

Comments = Failed reset. Time axis was missing, so partially copied the time axis from  
'(device,0,0,-1,-1,0,0)\_2202211343\_reset\_0\_-5\_0.5\_8mA.csv'.

### Probe A plots



## Probe B plots



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Accessed at 01:43PM on 2022/February/21

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 0.5V/s

Compliance Current = 8.0mA

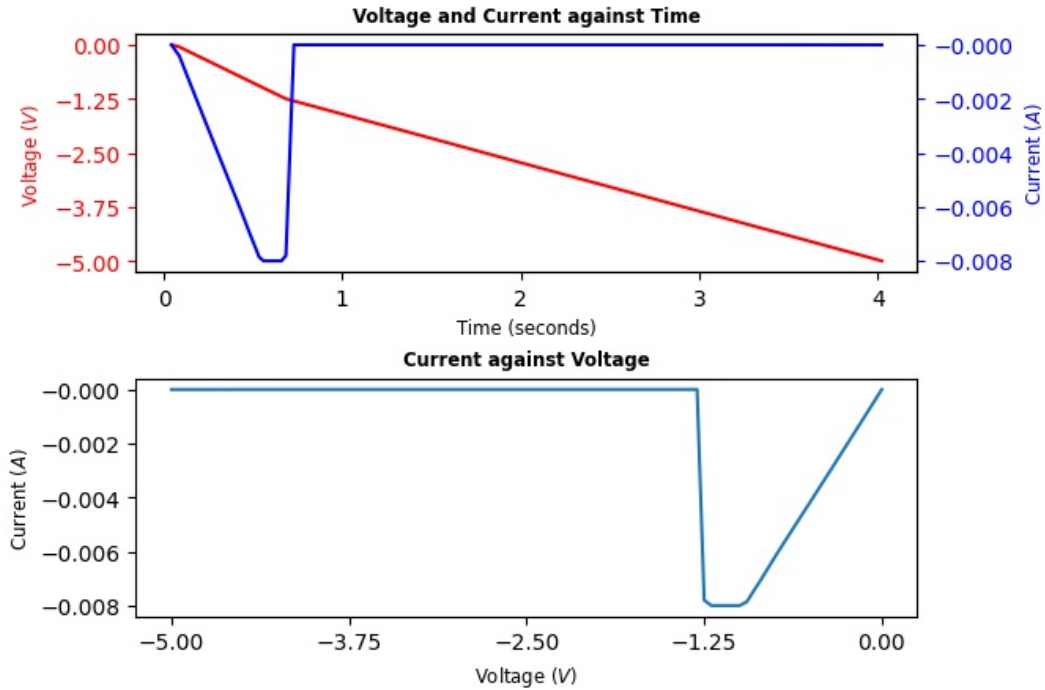
Platinum Voltage =

Copper Voltage =

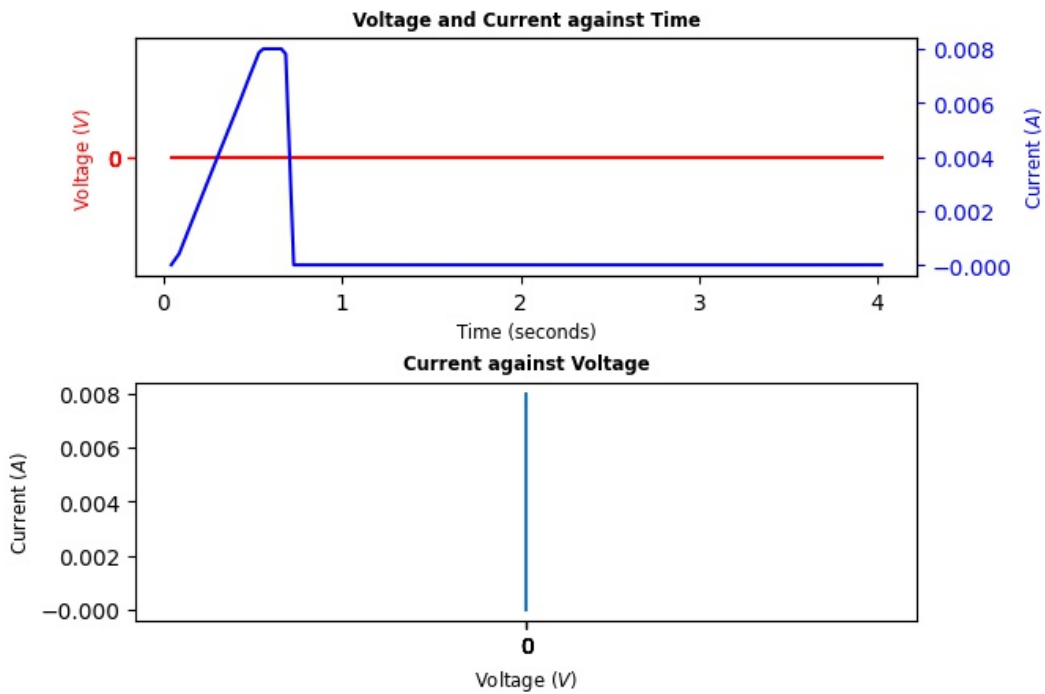
Run Folder Name = <2 probe, so invalid>

Comments = Successful reset at -1.3V

## Probe A plots



## Probe B plots



Accessed at 01:46PM on 2022/February/21

Activity = observe

Start Voltage = <3 probe observe activity, so invalid>

End Voltage = <3 probe observe activity, so invalid>

Ramp Rate = <3 probe observe activity, so invalid>

Compliance Current = 50.0uA

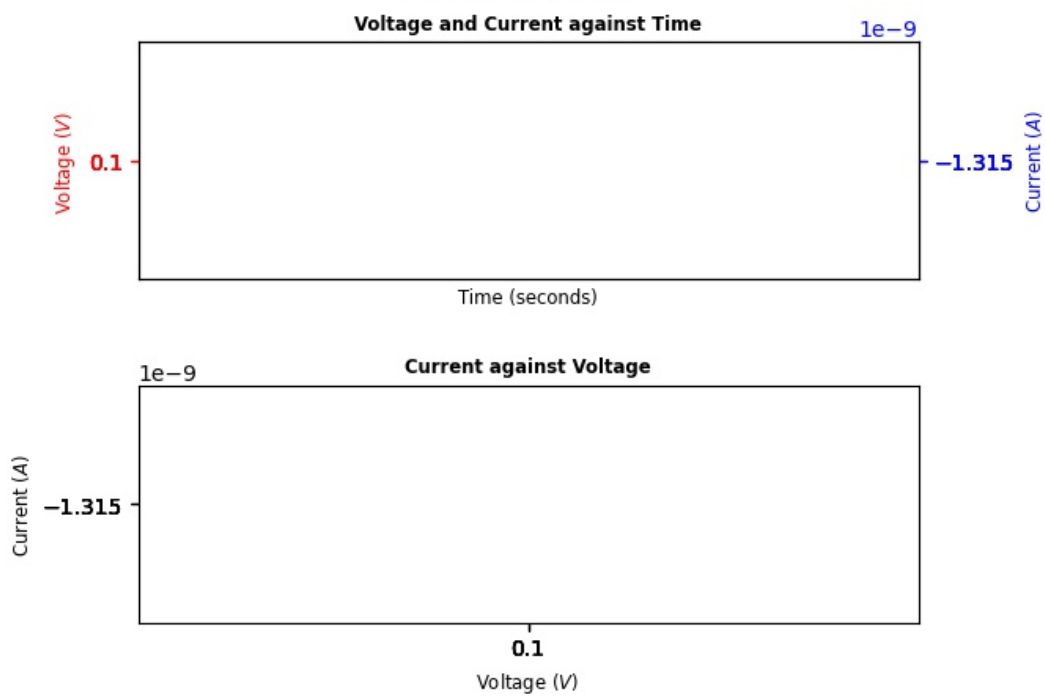
Platinum Voltage = 0V

Copper Voltage = 0.1V

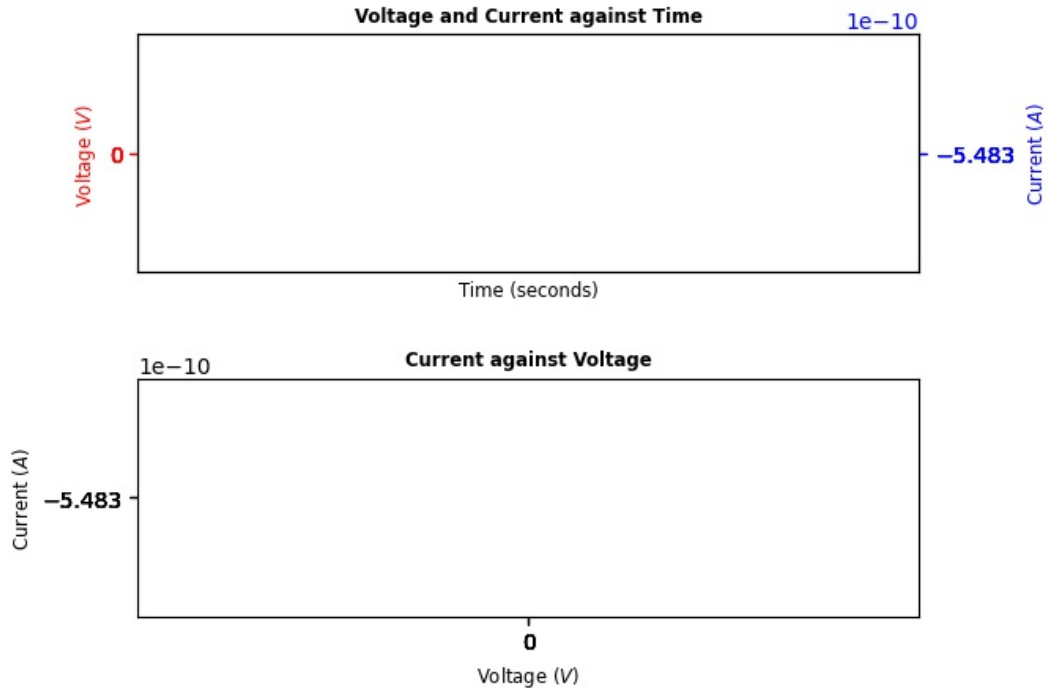
Run Folder Name = <2 probe, so invalid>

Comments = Confirmed observed reset at constant voltage

## Probe A plots



## Probe B plots



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Accessed at 01:47PM on 2022/February/21

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 0.5V/s

Compliance Current = 50.0uA

Platinum Voltage =

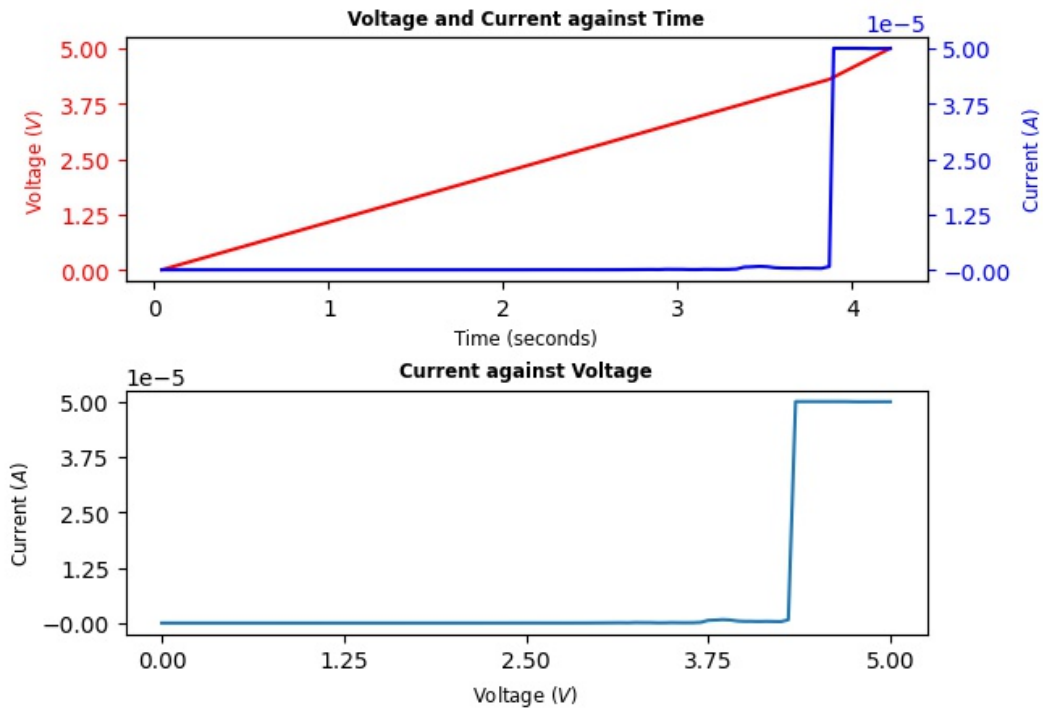
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

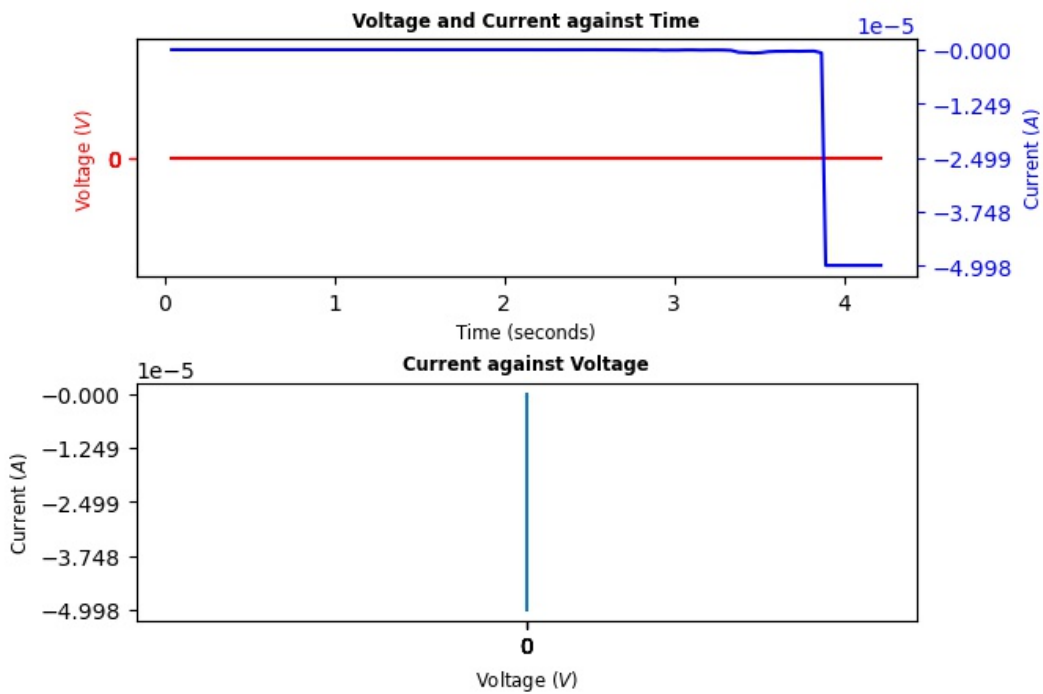
Comments = Successful set at 4.35V



## Probe A plots



## Probe B plots



Accessed at 02:09PM on 2022/February/21

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 0.5V/s

Compliance Current = 8.0mA

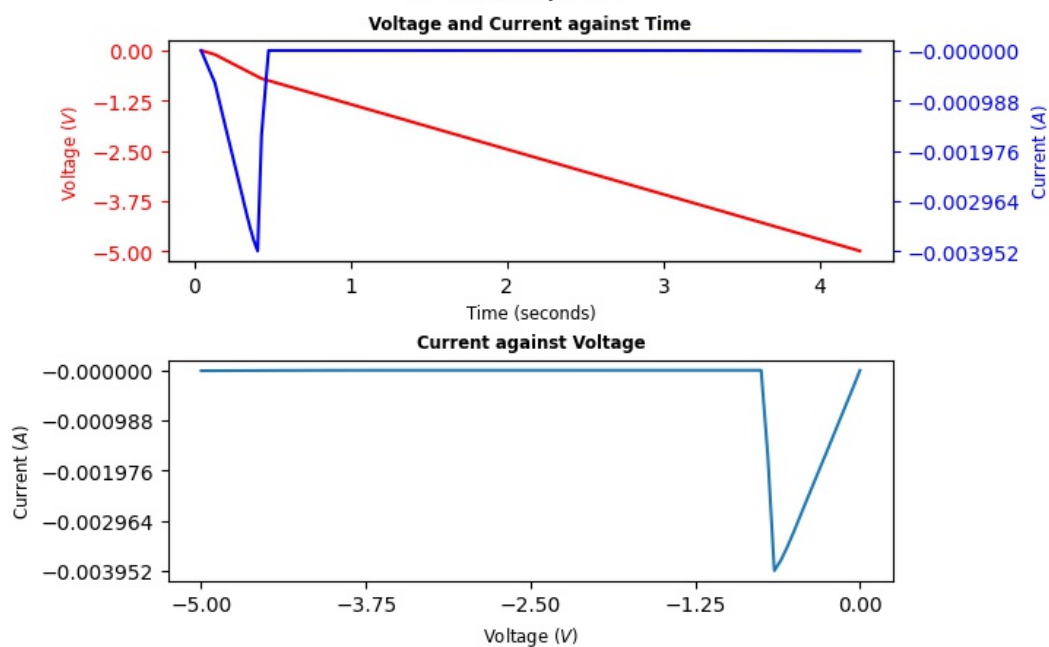
Platinum Voltage =

Copper Voltage =

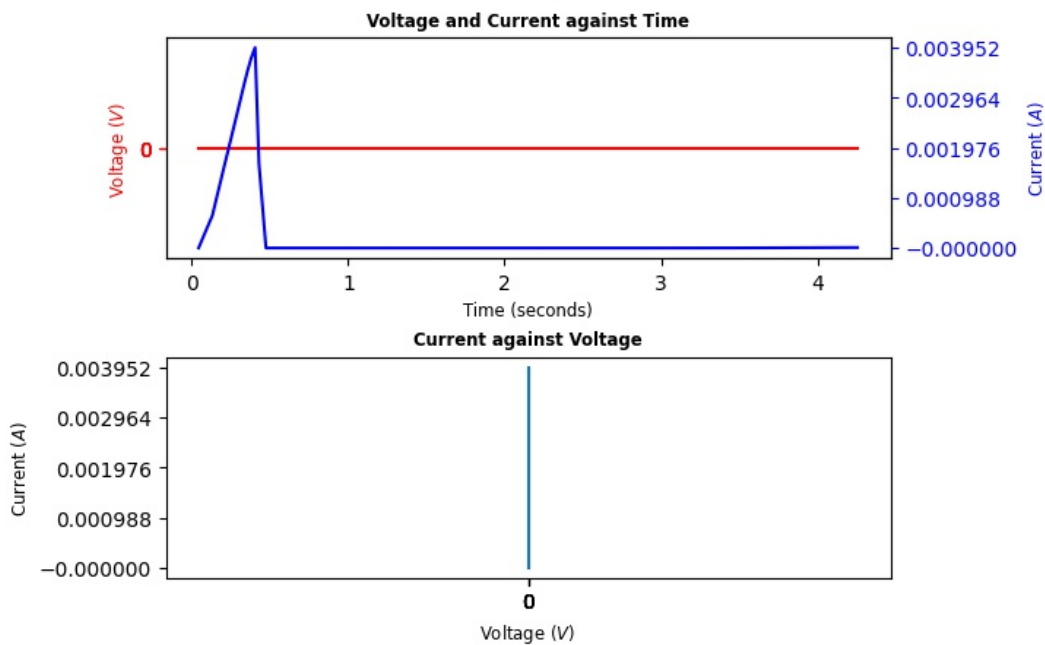
Run Folder Name = <2 probe, so invalid>

Comments = Successful reset at -0.75V

### Probe A plots



## Probe B plots



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Accessed at 02:10PM on 2022/February/21

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 0.5V/s

Compliance Current = 50.0uA

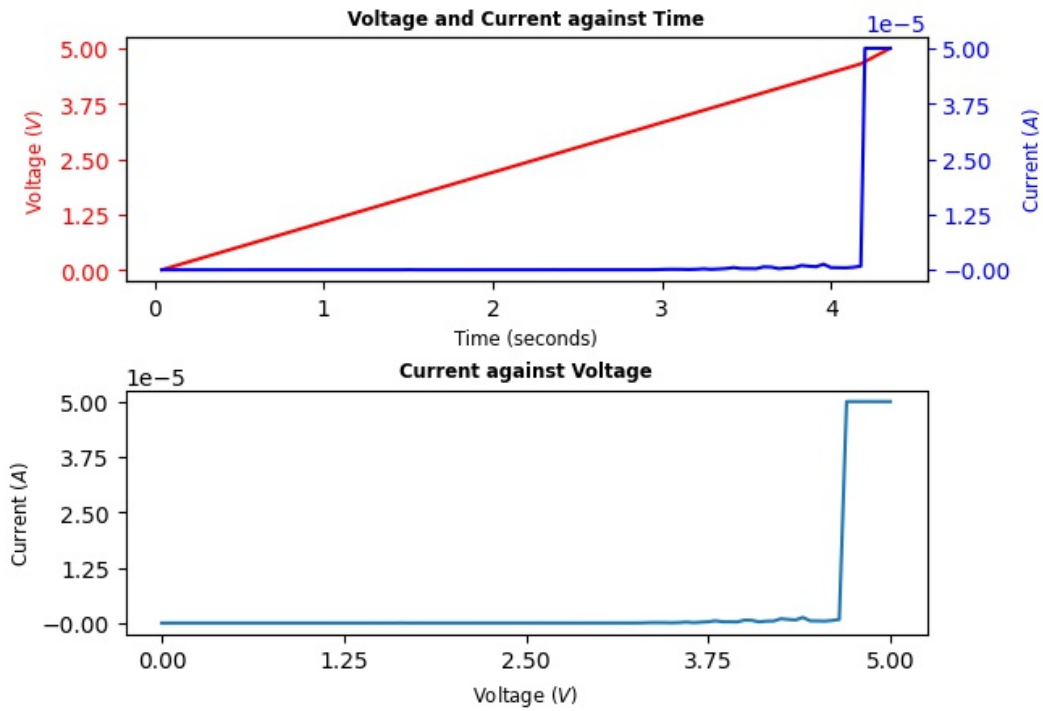
Platinum Voltage =

Copper Voltage =

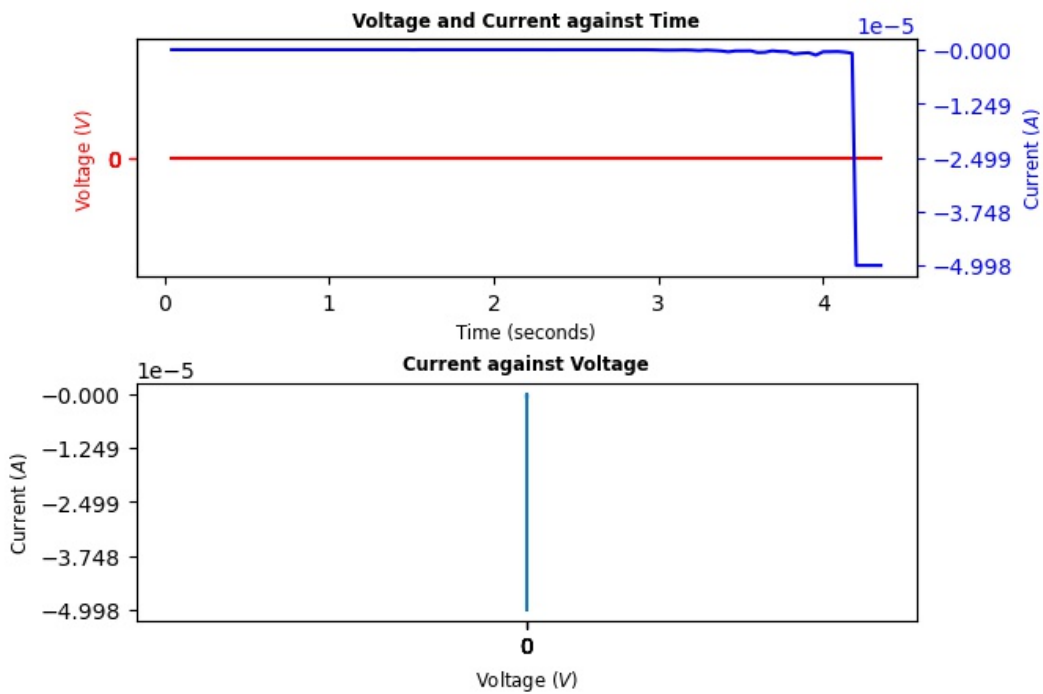
Run Folder Name = <2 probe, so invalid>

Comments = Successful set at 4.7V.

## Probe A plots



## Probe B plots



Accessed at 02:13PM on 2022/February/21

Activity = observe

Start Voltage = <3 probe observe activity, so invalid>

End Voltage = <3 probe observe activity, so invalid>

Ramp Rate = <3 probe observe activity, so invalid>

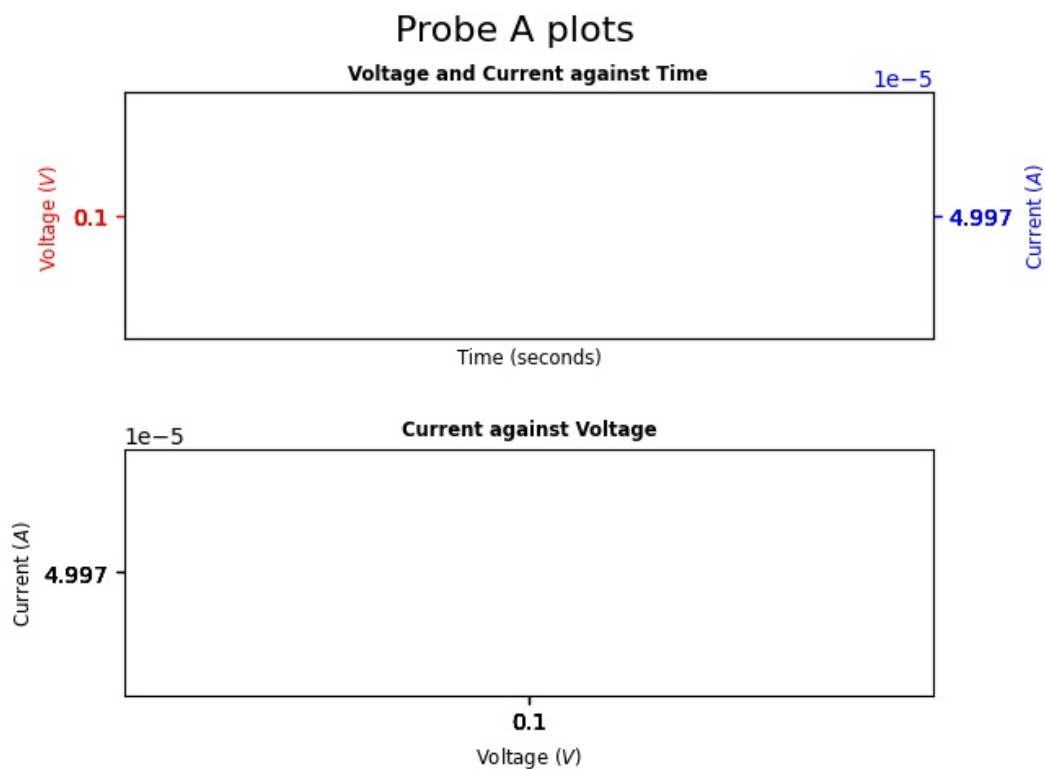
Compliance Current = 50.0uA

Platinum Voltage = 0V

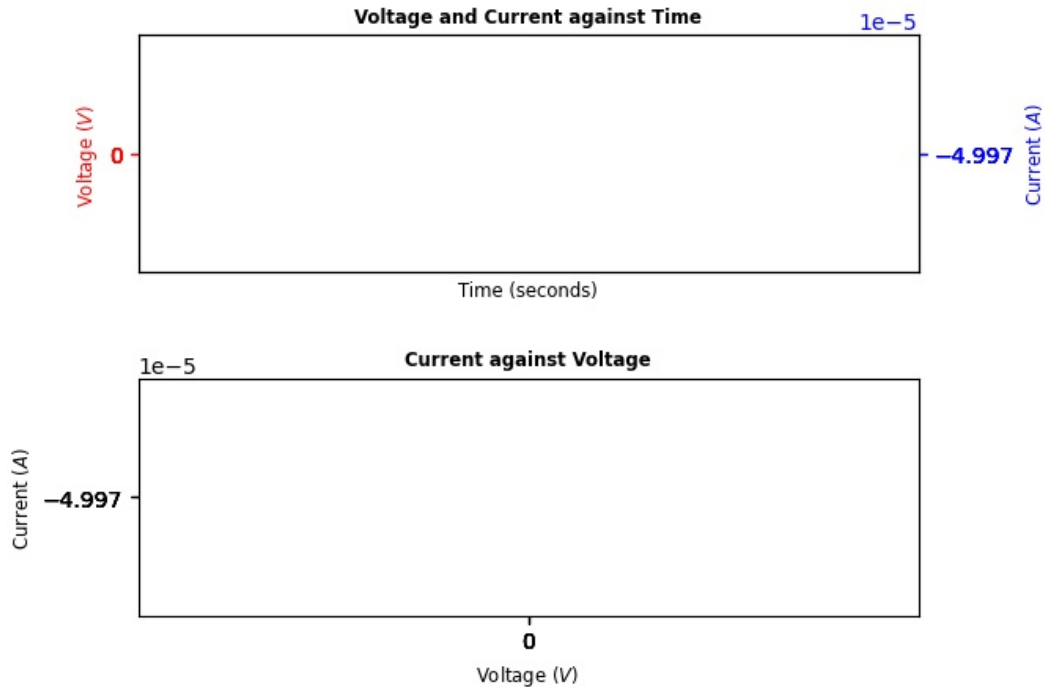
Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = Confirmed observed set



## Probe B plots



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Accessed at 02:14PM on 2022/February/21

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 0.5V/s

Compliance Current = 8.0mA

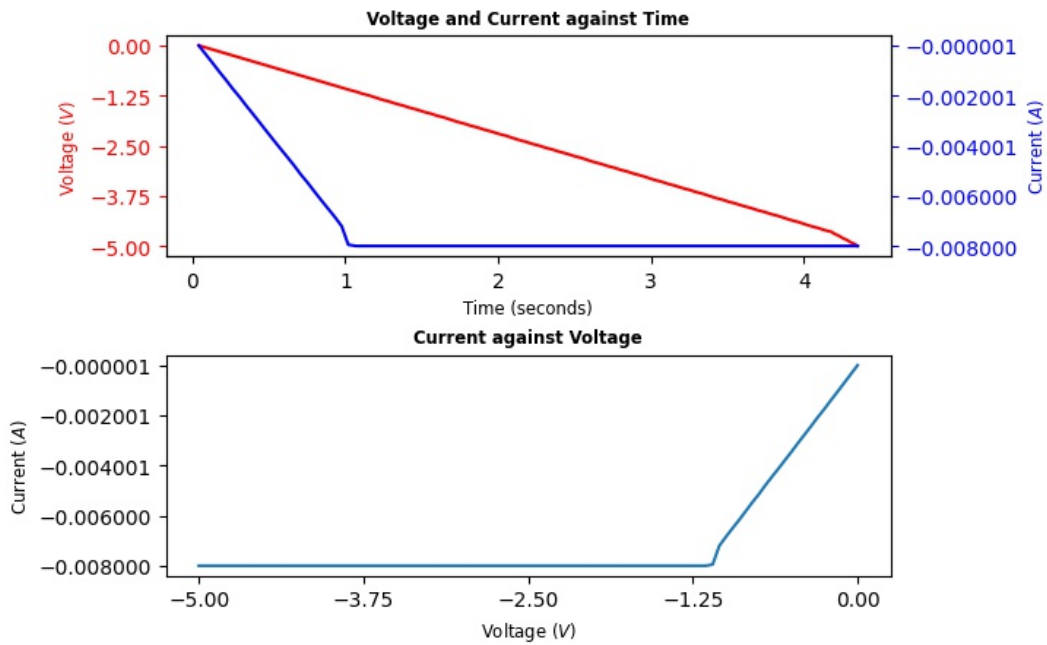
Platinum Voltage =

Copper Voltage =

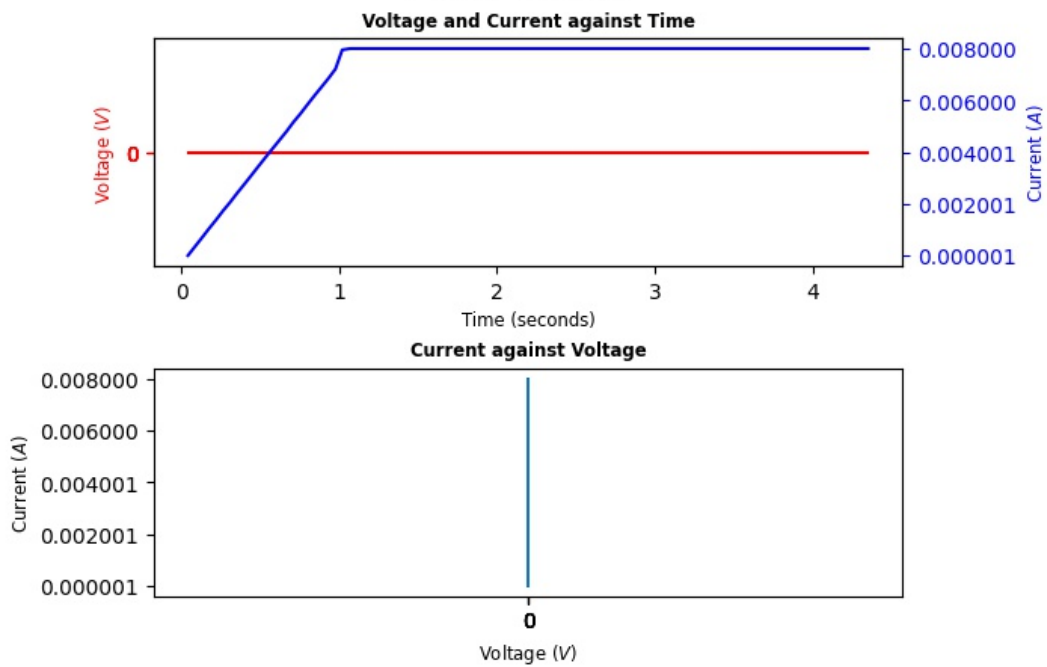
Run Folder Name = <2 probe, so invalid>

Comments = Failed reset. Missing time axis so copied the time axis from  
'(device,0,0,-1,-1,0,0)\_2202211410\_set\_0\_5\_0.5\_50uA.csv'

## Probe A plots



## Probe B plots



Accessed at 02:19PM on 2022/February/21

Activity = observe

Start Voltage = <3 probe observe activity, so invalid>

End Voltage = <3 probe observe activity, so invalid>

Ramp Rate = <3 probe observe activity, so invalid>

Compliance Current = 50.0uA

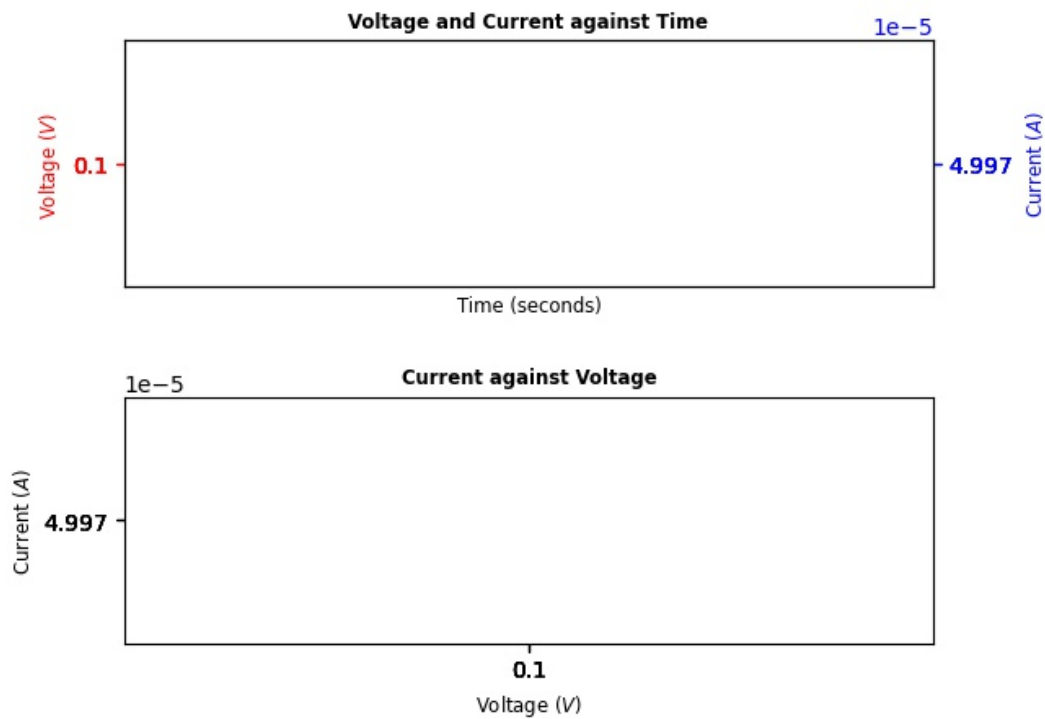
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = Confirmed observation that cell is still set

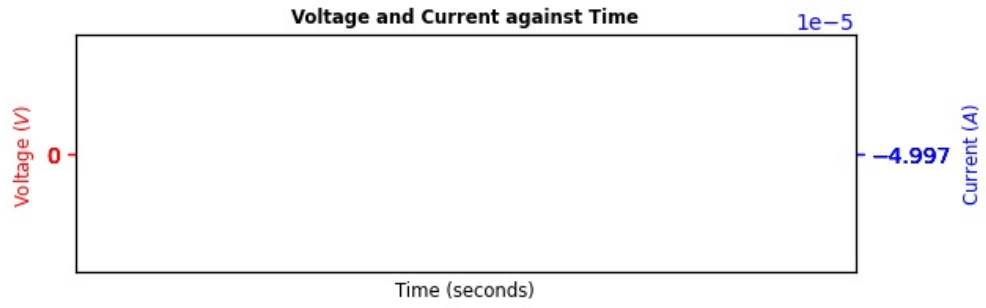
## Probe A plots



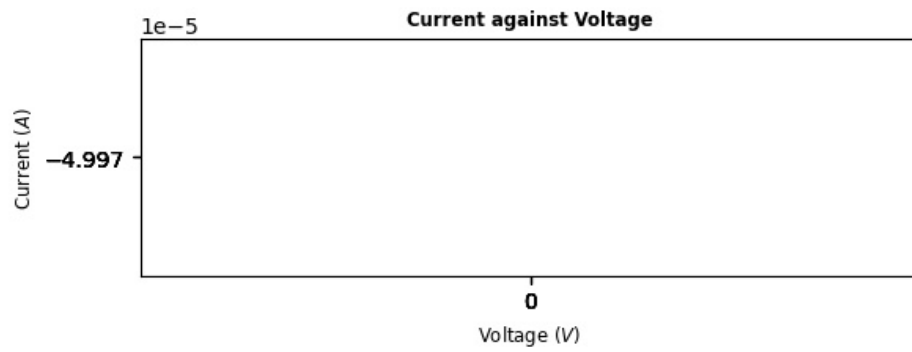


## Probe B plots

Voltage and Current against Time



Current against Voltage



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