

## (wafer1,0,0,-1,-1,0,1) Plots and Summary

- Cell Size = 10um
- Number of Times Accessed = 17
- Last Stimulated = 2022/February/24 at 12:30PM

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Stimulated at 11:30AM on 2022/February/24

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 5.0uA

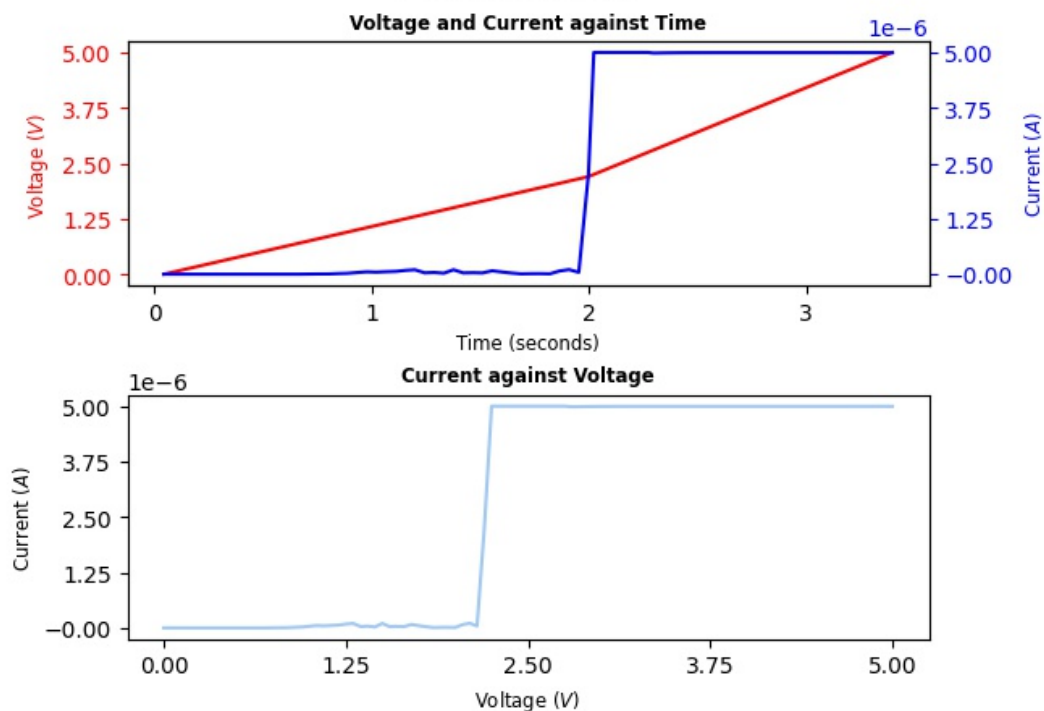
Platinum Voltage =

Copper Voltage =

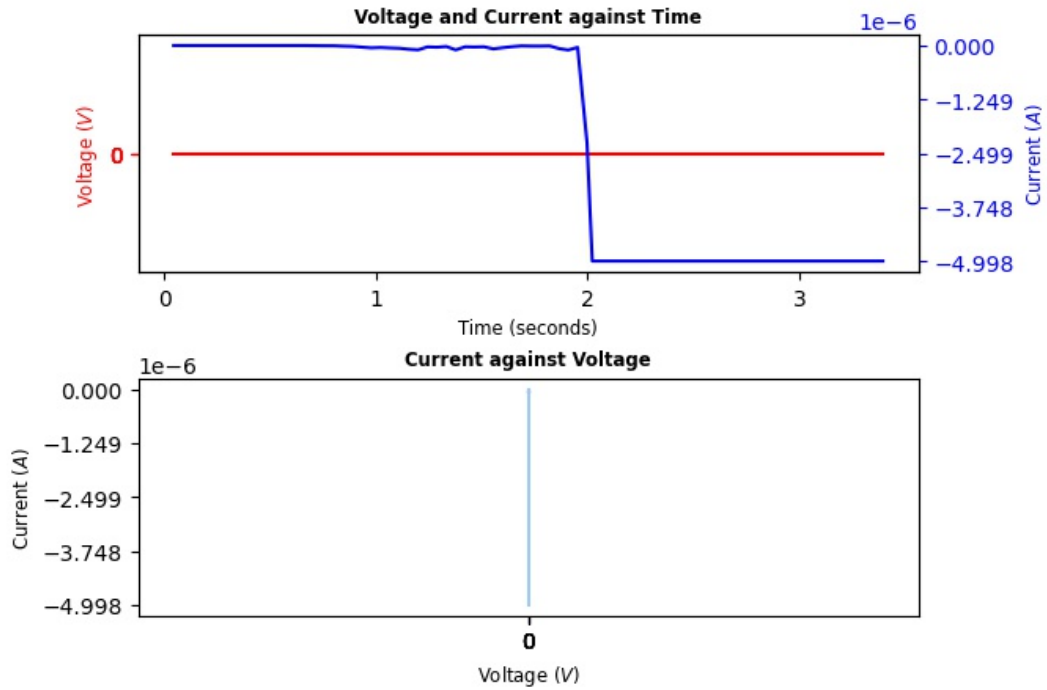
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

### Probe A plots



## Probe B plots



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Stimulated at 11:36AM on 2022/February/24

Activity = observe

Start Voltage = <2 probe observe activity, so invalid>

End Voltage = <2 probe observe activity, so invalid>

Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 5.0uA

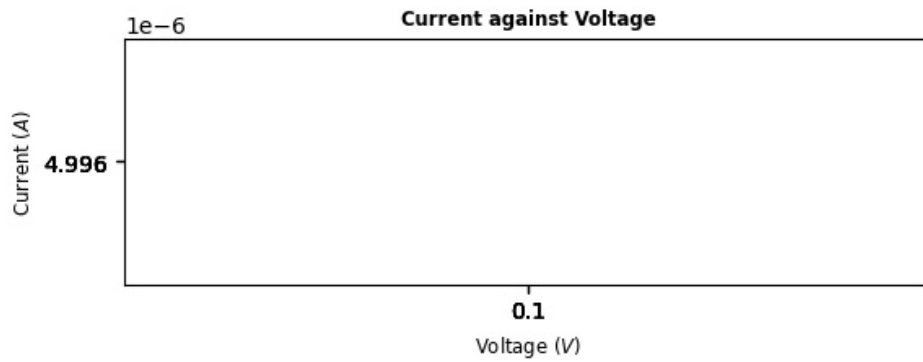
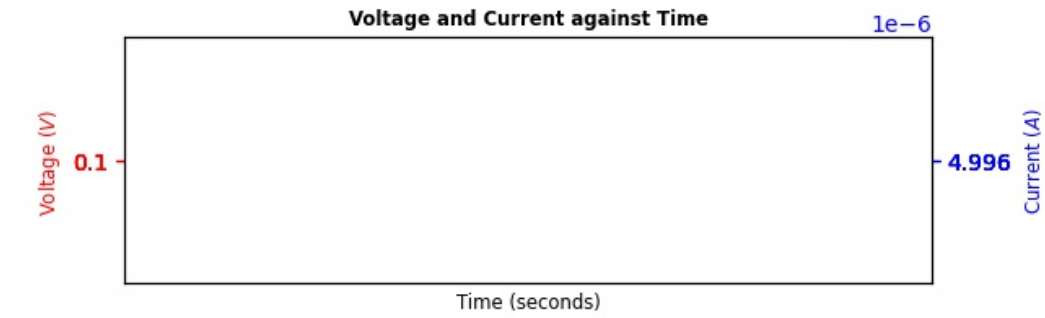
Platinum Voltage = 0V

Copper Voltage = 0.1V

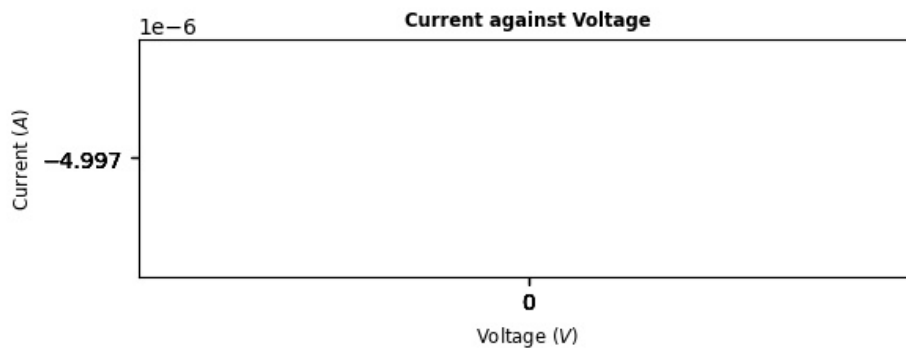
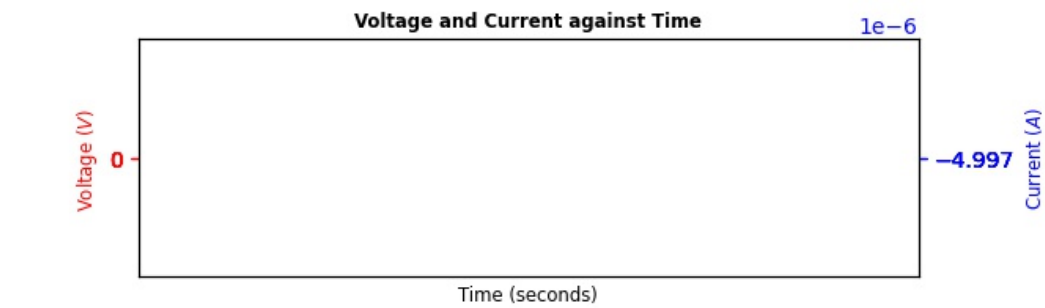
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



## Probe B plots



-----  
Stimulated at 11:39AM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 5.0mA

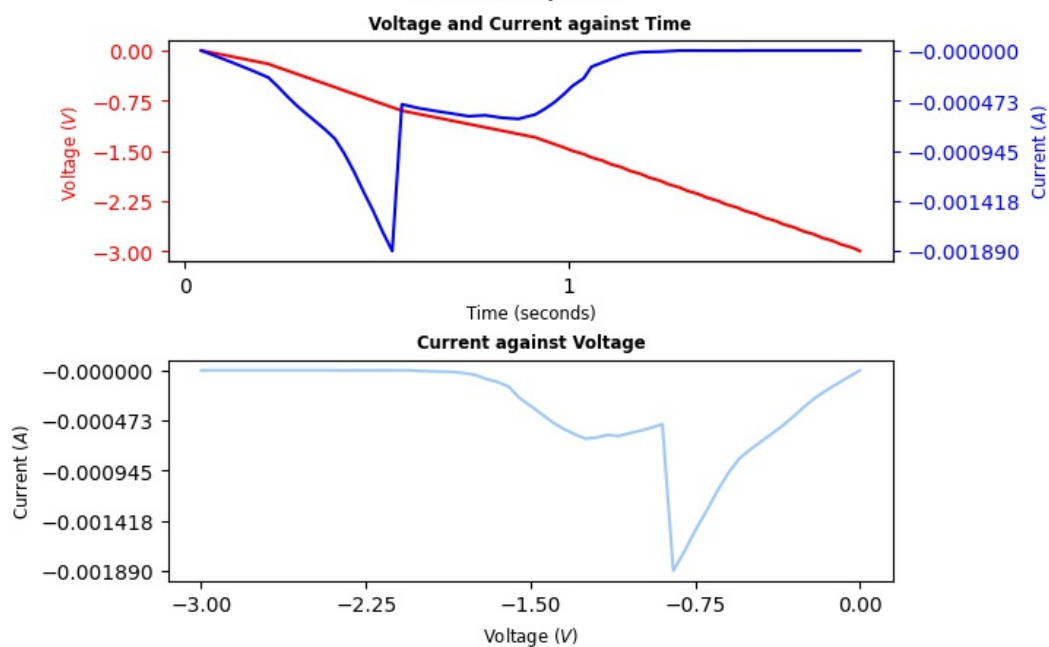
Platinum Voltage =

Copper Voltage =

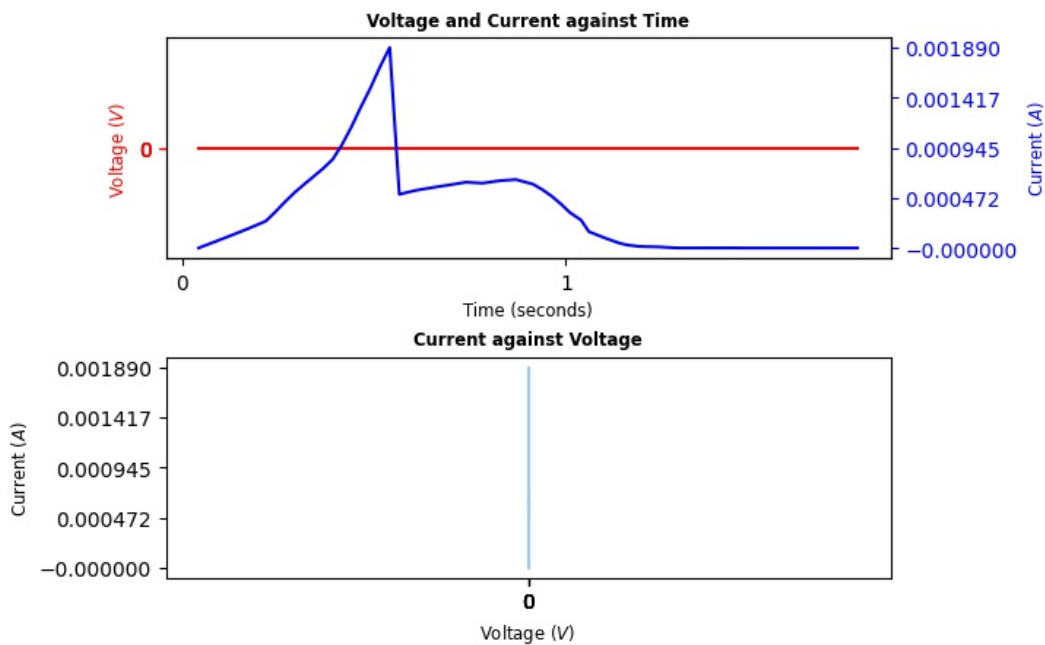
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum Missing Time axis, Time included from 2202241150

### Probe A plots



## Probe B plots



-----  
Stimulated at 11:42AM on 2022/February/24

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 5.0uA

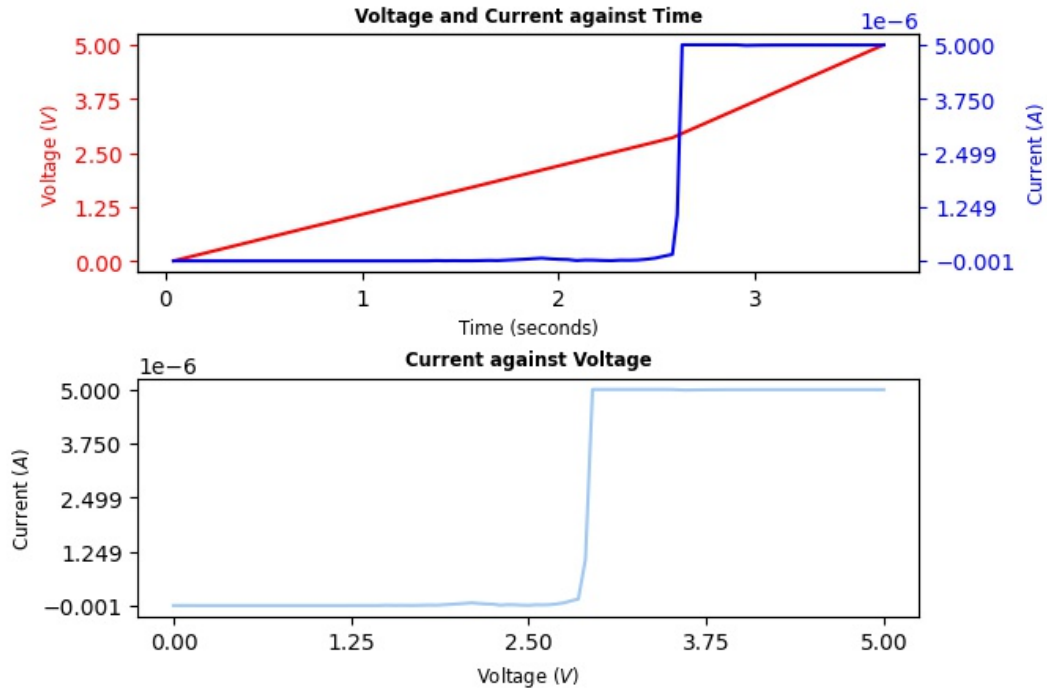
Platinum Voltage =

Copper Voltage =

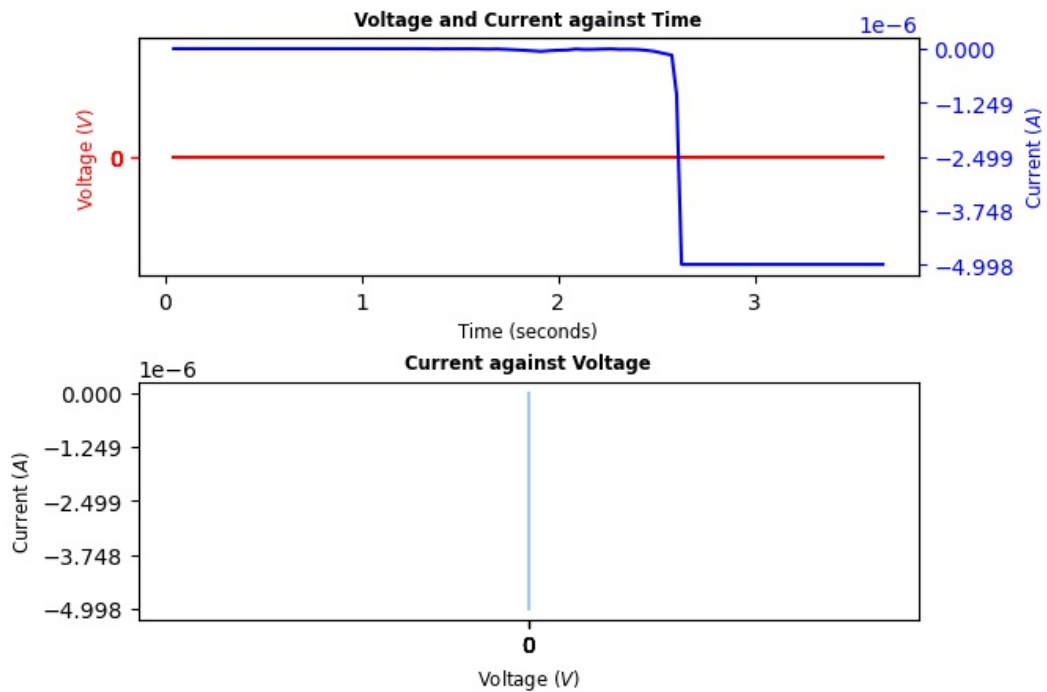
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



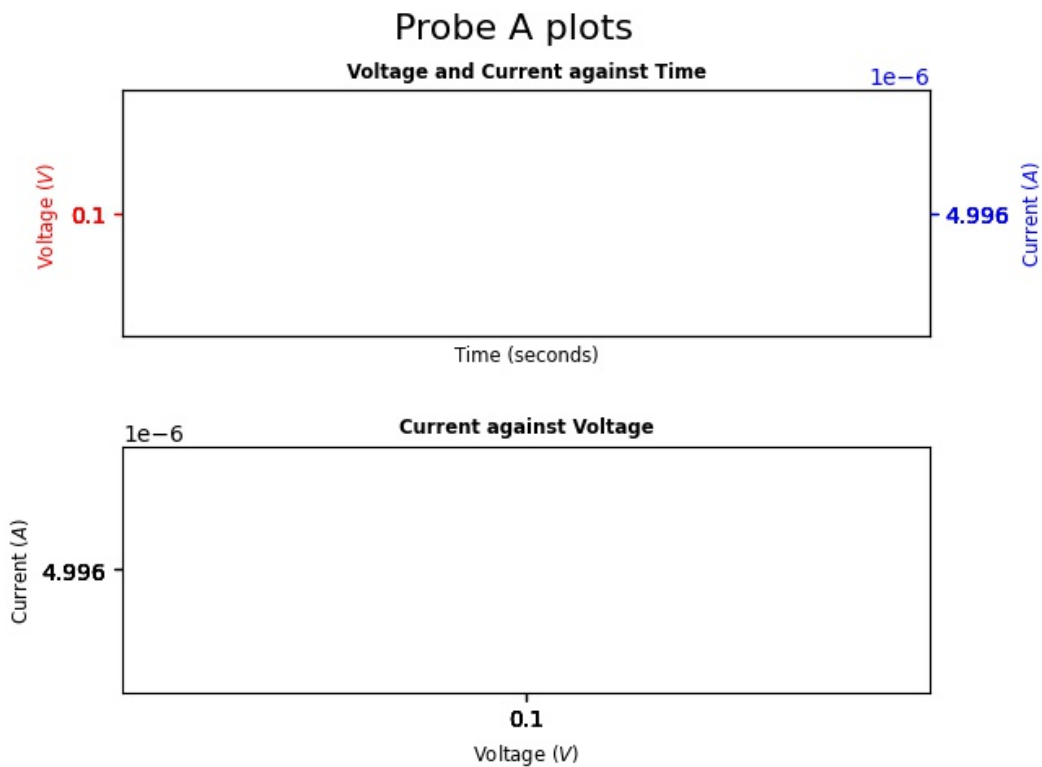
## Probe B plots



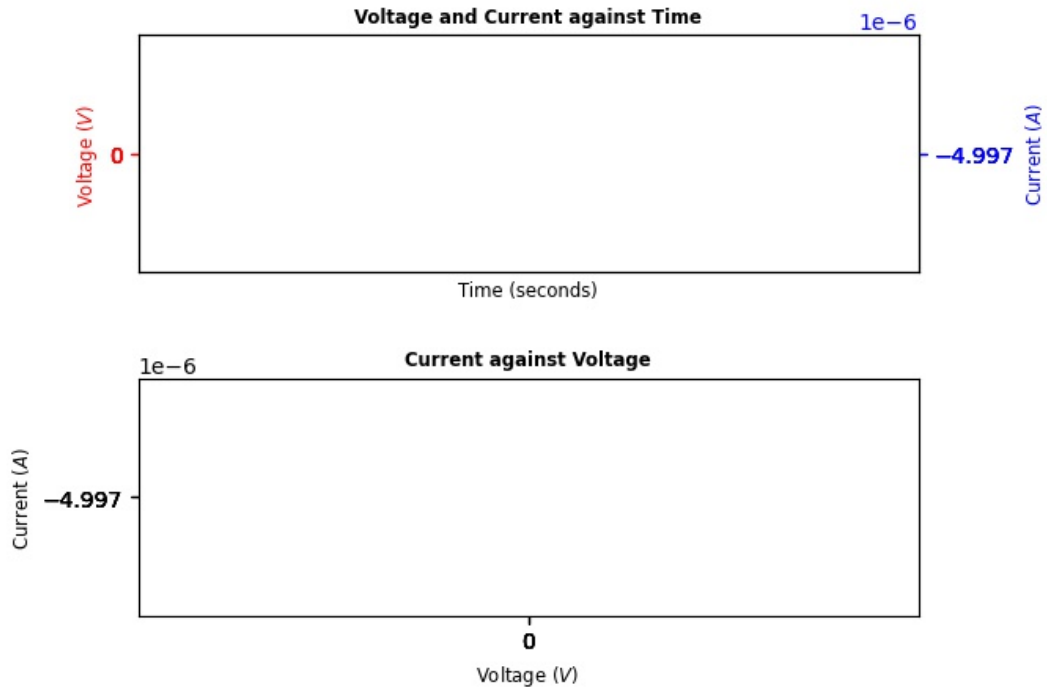
Stimulated at 11:48AM on 2022/February/24

Activity = observe

Start Voltage = <2 probe observe activity, so invalid>  
End Voltage = <2 probe observe activity, so invalid>  
Ramp Rate = <2 probe observe activity, so invalid>  
Compliance Current = 5.0uA  
Platinum Voltage = 0V  
Copper Voltage = 0.1V  
Run Folder Name = <2 probe, so invalid>  
Comments = Probe A: Copper Probe B: Platinum



## Probe B plots



-----  
Stimulated at 11:50AM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 5.0mA

Platinum Voltage =

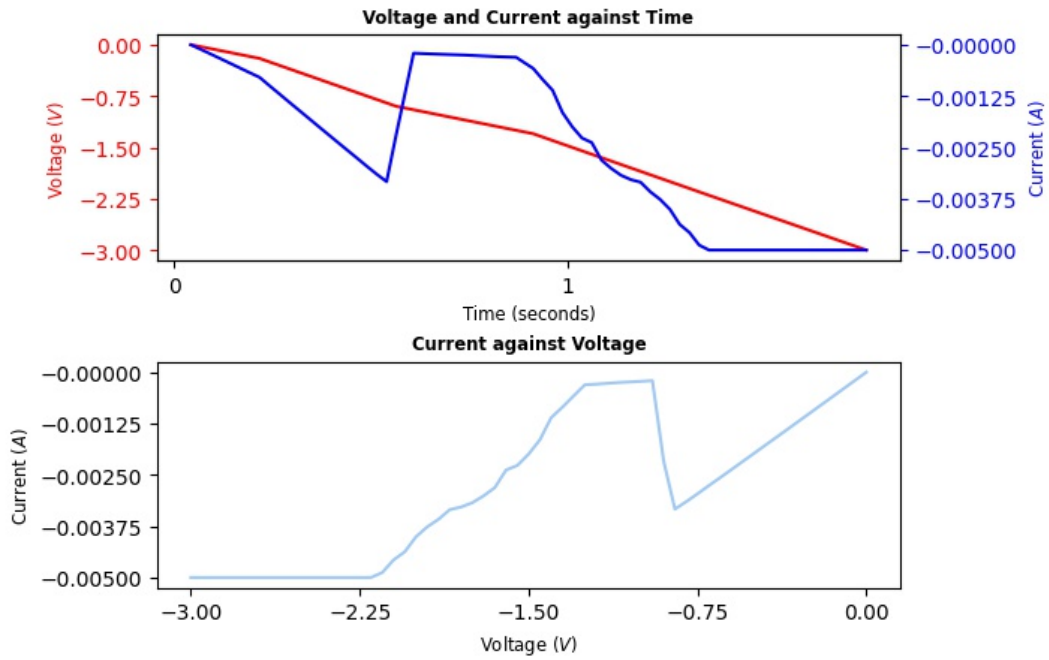
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

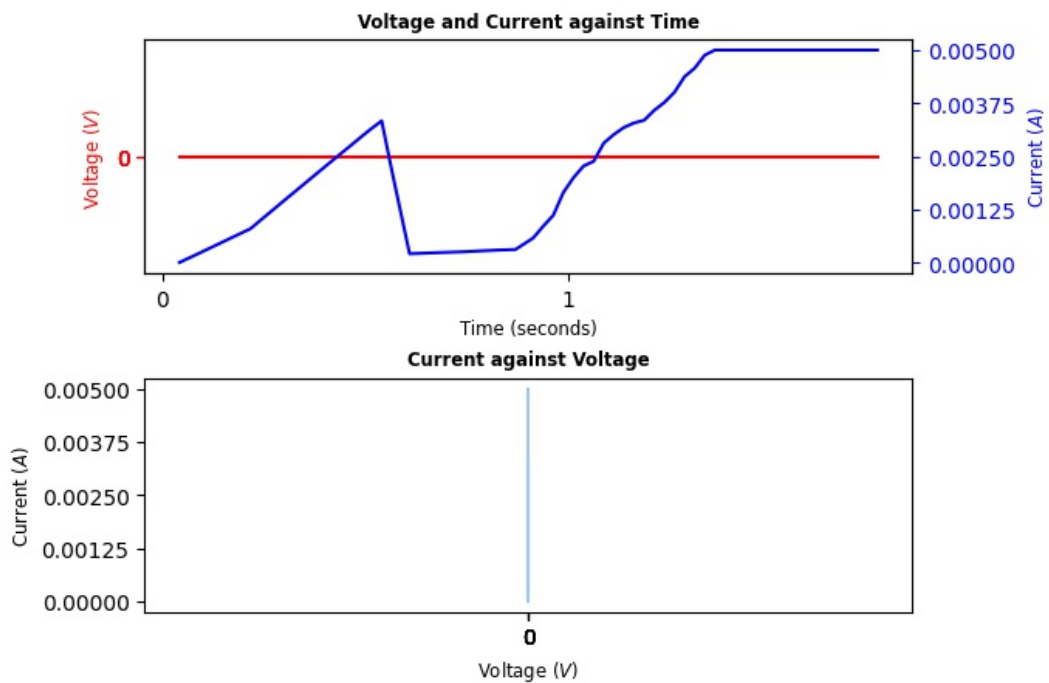
Comments = Probe A: Copper Probe B: Platinum



## Probe A plots



## Probe B plots



-----  
Stimulated at 11:53AM on 2022/February/24

Activity = observe

Start Voltage = <2 probe observe activity, so invalid>

End Voltage = <2 probe observe activity, so invalid>

Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 5.0uA

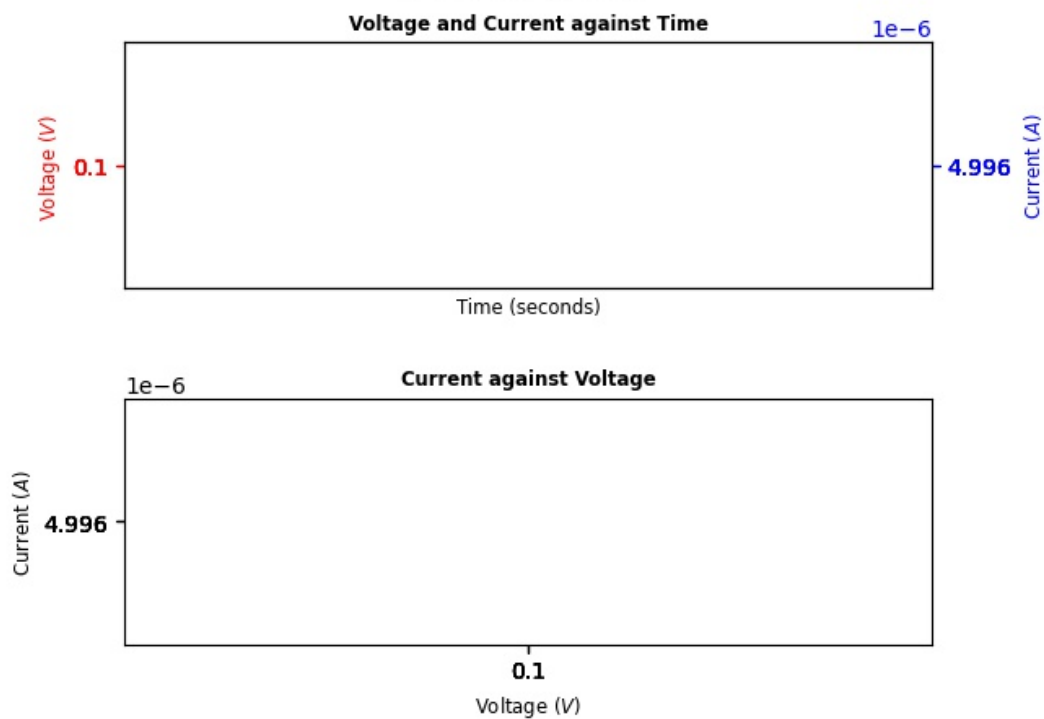
Platinum Voltage = 0V

Copper Voltage = 0.1V

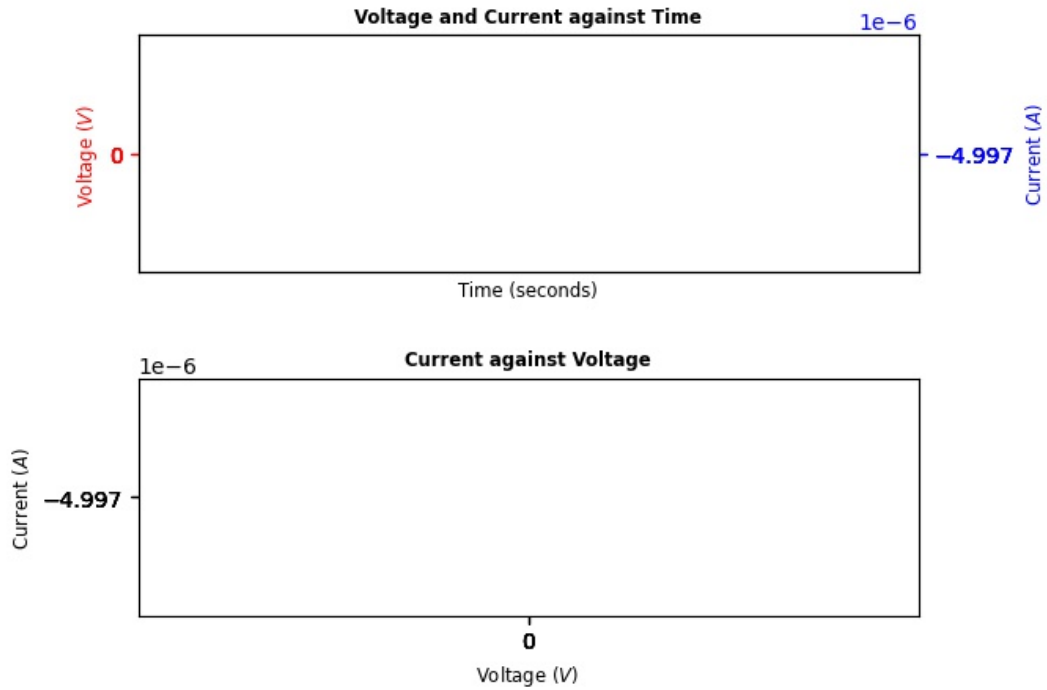
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



## Probe B plots



-----  
Stimulated at 11:56AM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 5.0mA

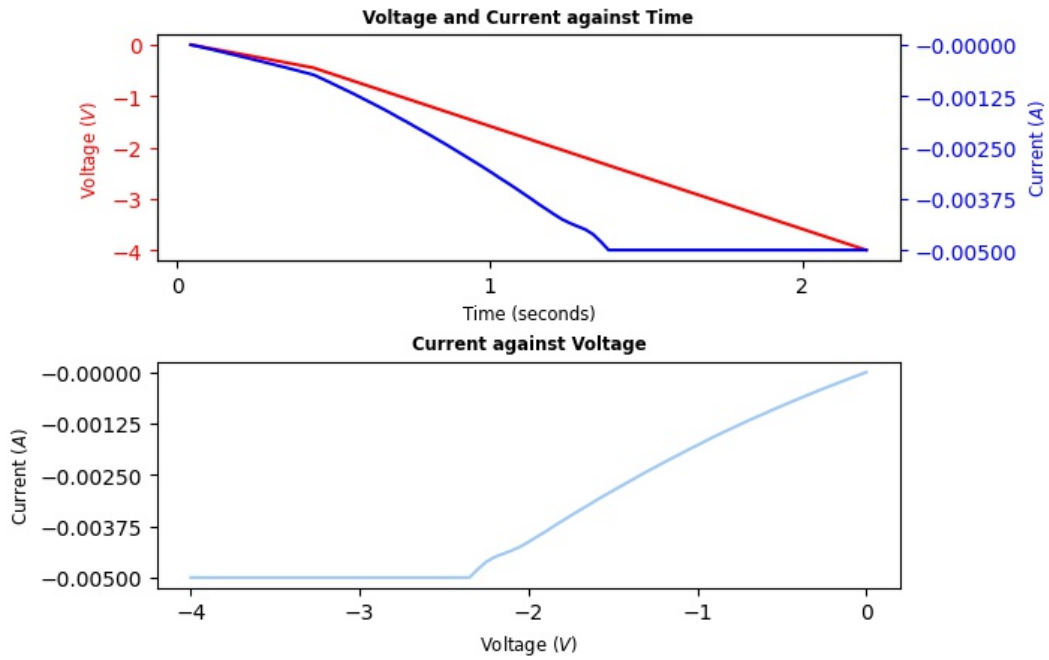
Platinum Voltage =

Copper Voltage =

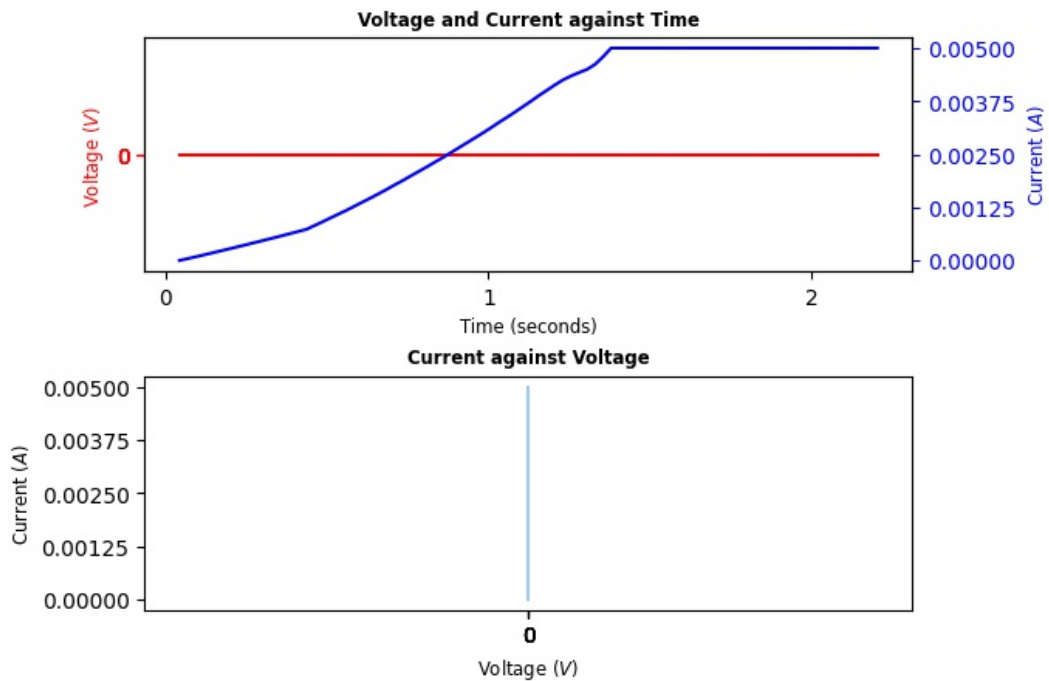
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



## Probe B plots



-----  
Stimulated at 11:57AM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

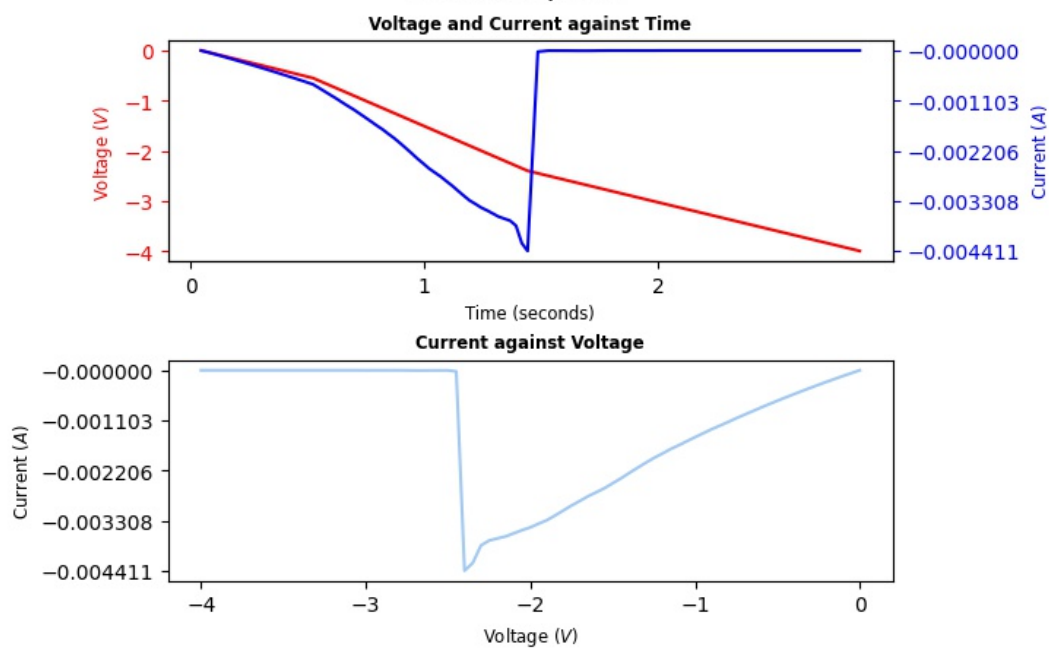
Platinum Voltage =

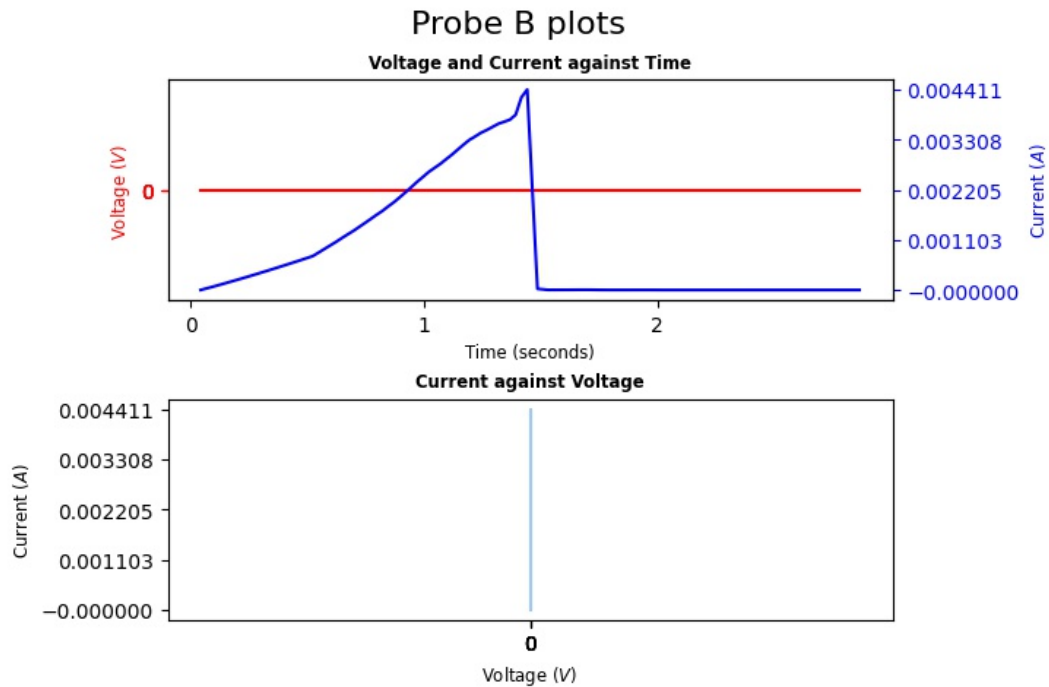
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

### Probe A plots





-----  
Stimulated at 12:01PM on 2022/February/24

Activity = observe

Start Voltage = <2 probe observe activity, so invalid>

End Voltage = <2 probe observe activity, so invalid>

Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 5.0uA

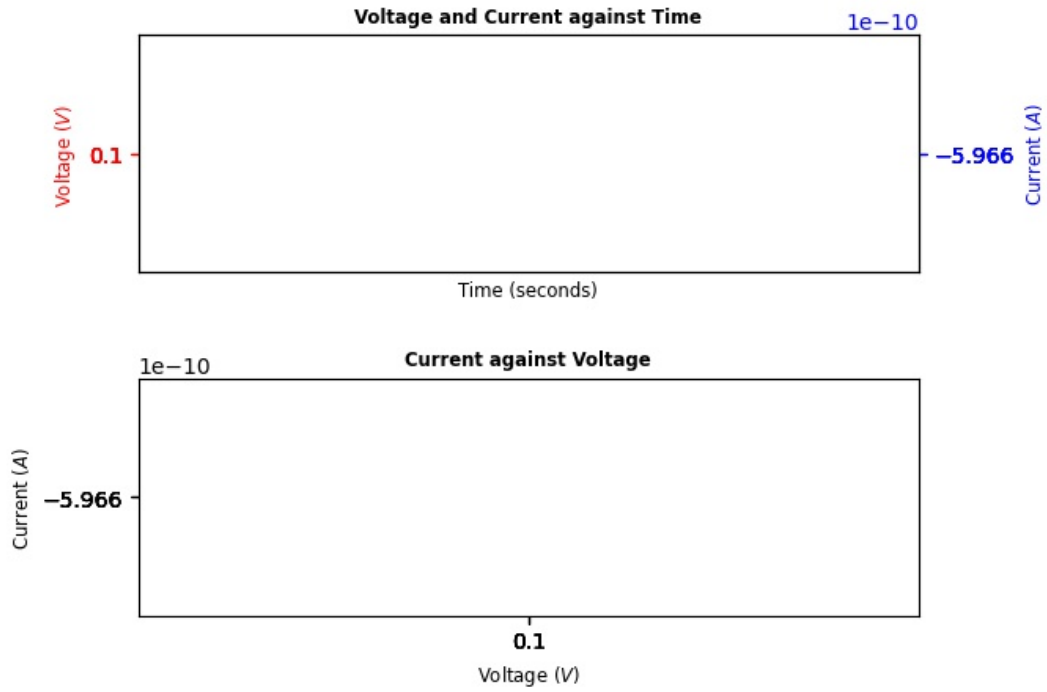
Platinum Voltage = 0V

Copper Voltage = 0.1V

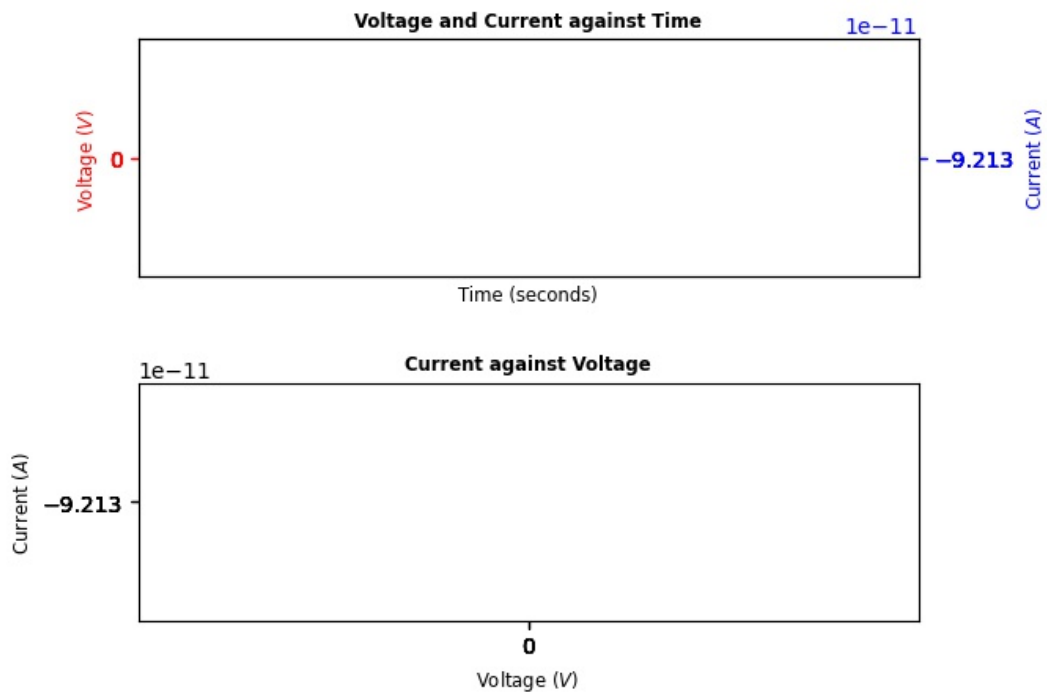
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



## Probe B plots



-----  
Stimulated at 12:02PM on 2022/February/24

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

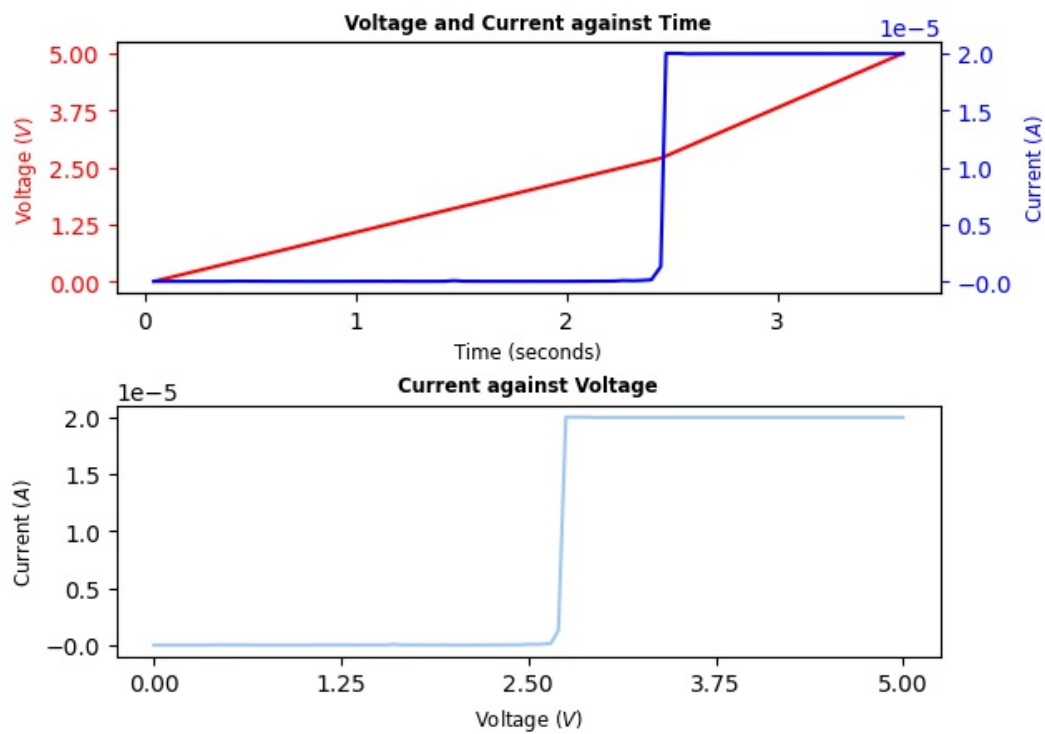
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

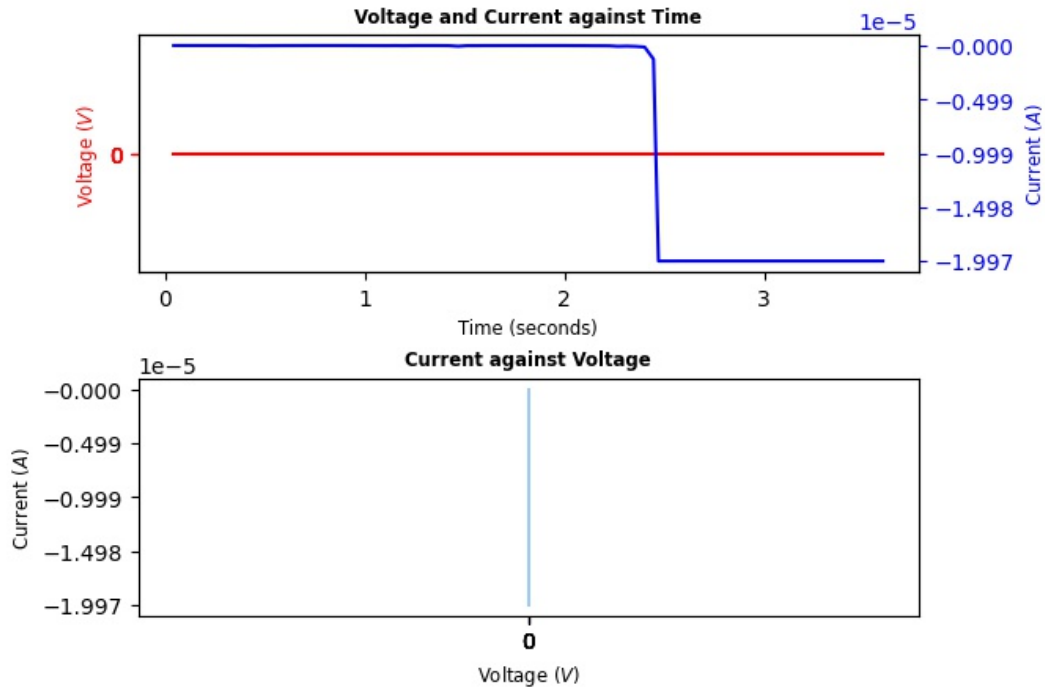
Comments = Probe A: Copper Probe B: Platinum

## Probe A plots





## Probe B plots



-----  
Stimulated at 12:06PM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

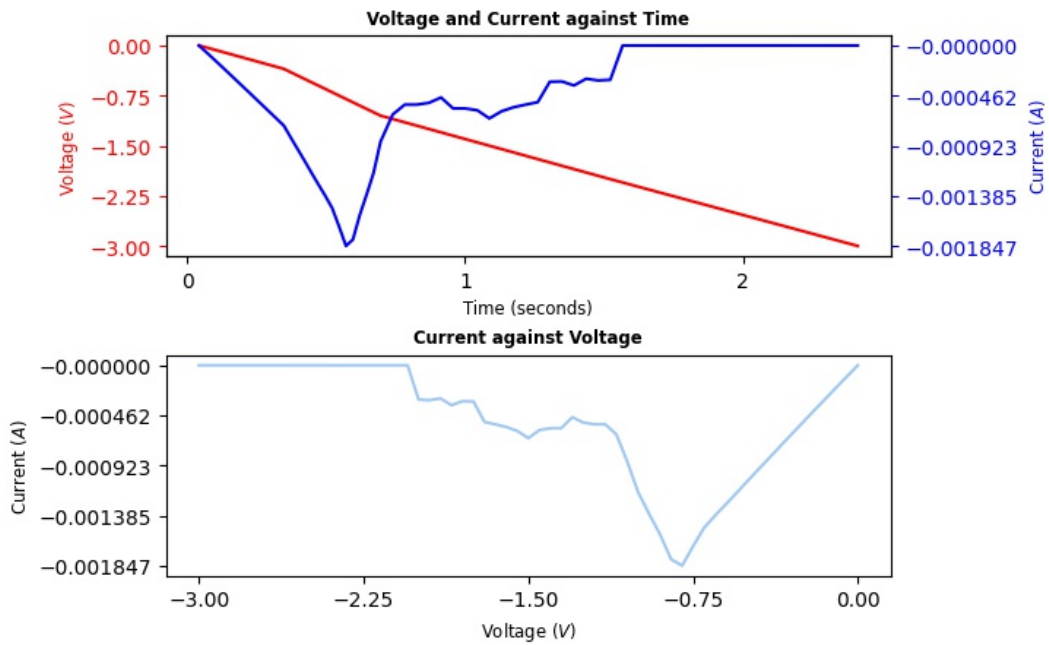
Platinum Voltage =

Copper Voltage =

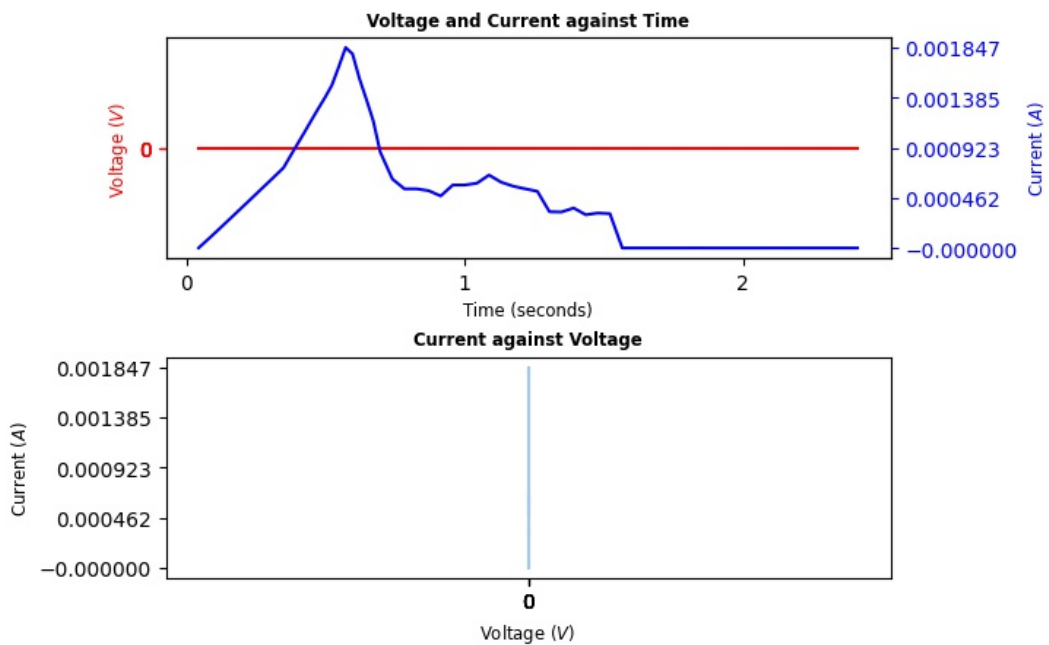
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum Cell reset but with odd graph, no sharp change in current

## Probe A plots



## Probe B plots



-----  
Stimulated at 12:13PM on 2022/February/24

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

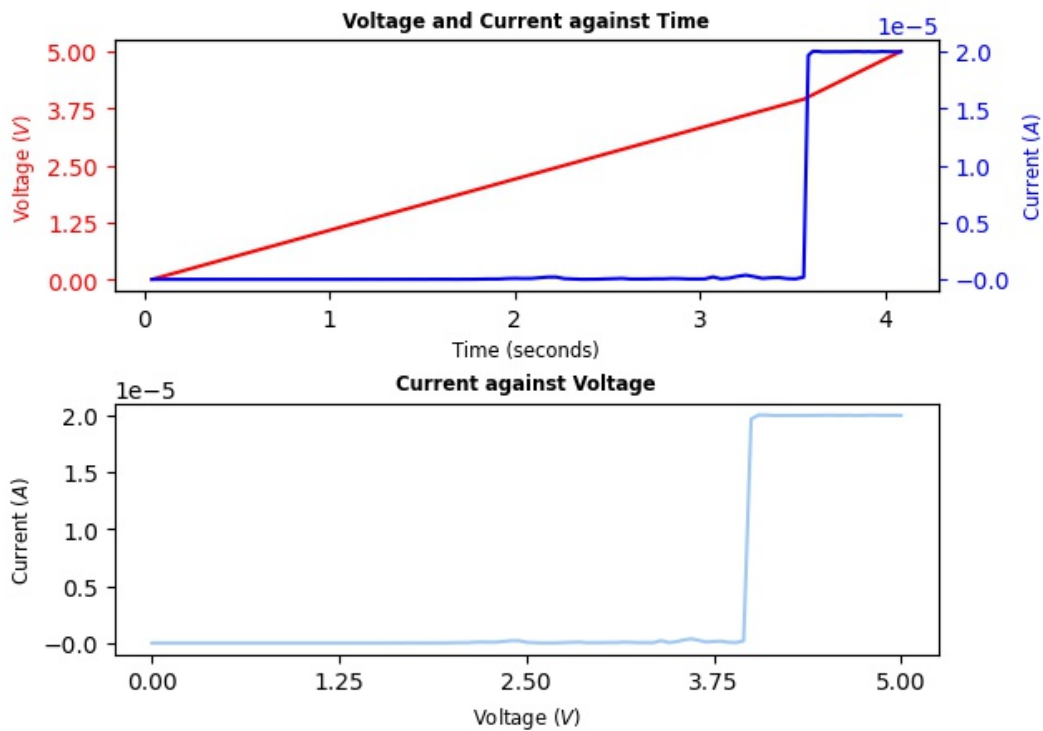
Platinum Voltage =

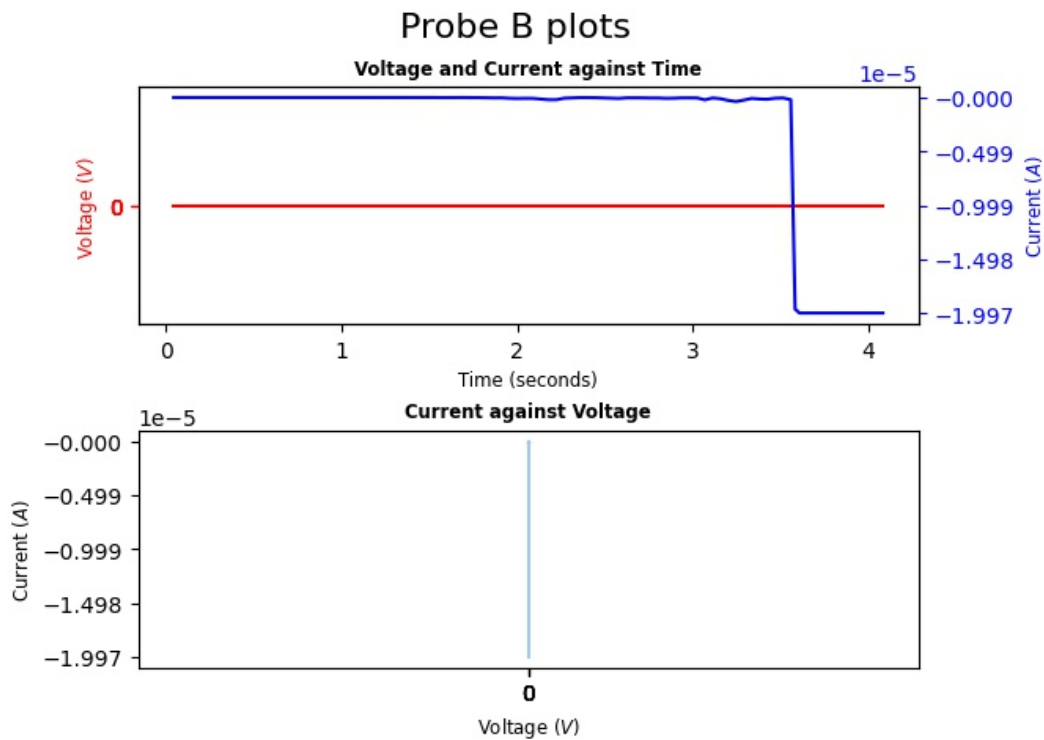
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum Cell set much later than usual at ~4V

## Probe A plots





-----  
 Stimulated at 12:21PM on 2022/February/24

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

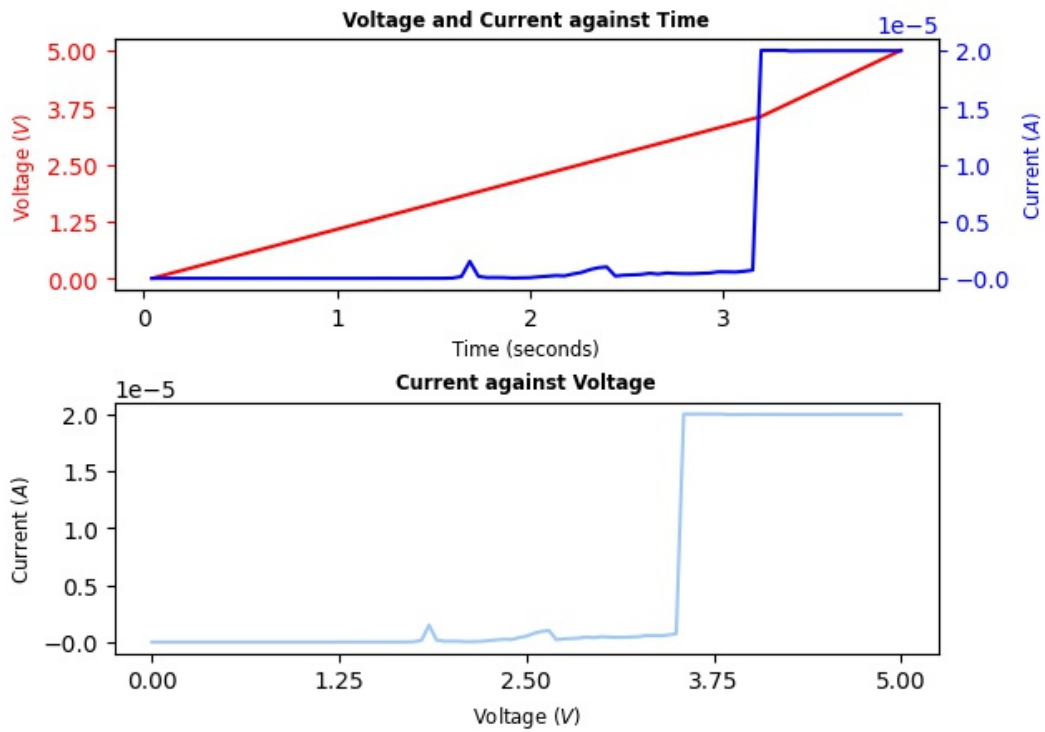
Platinum Voltage =

Copper Voltage =

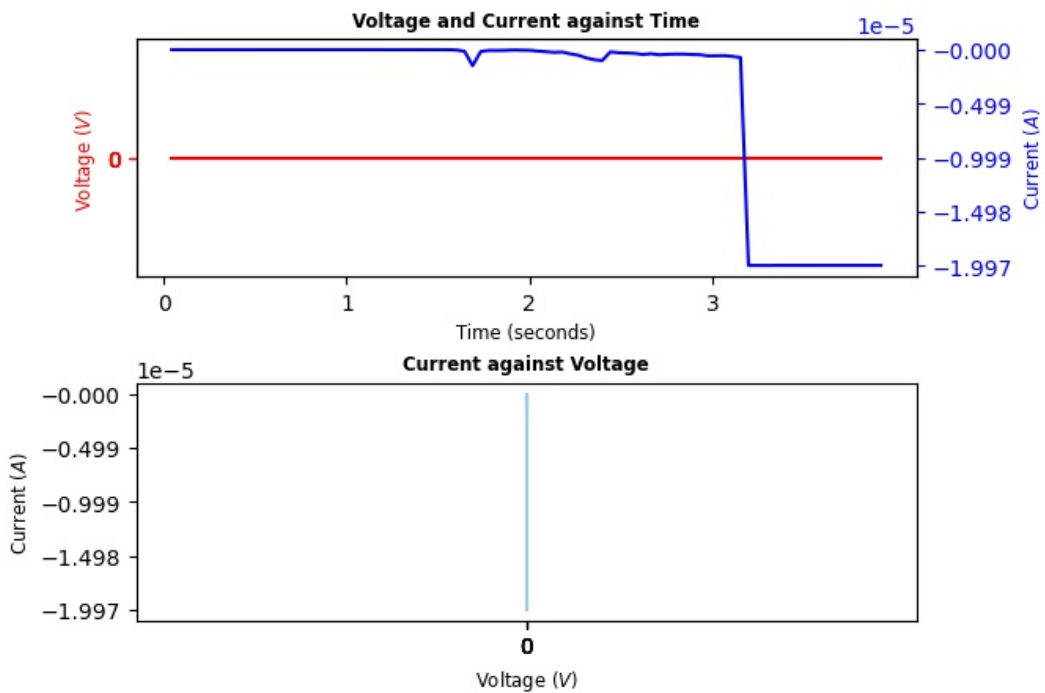
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum Amrita swept this cell from 5V to 0V after sweeping from 0-5V from the previous run prior to running this test as advised by Dr.Orlowski on 2/22/2022 This run set the cell earlier than run 2202241213 at ~3.35V

## Probe A plots



## Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

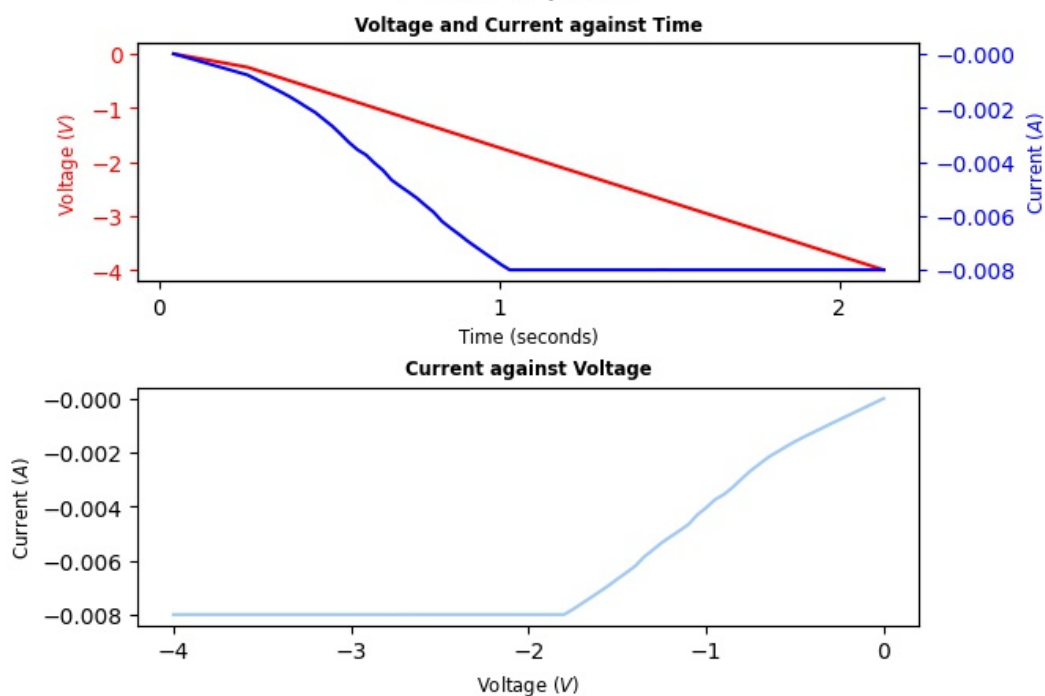
Platinum Voltage =

Copper Voltage =

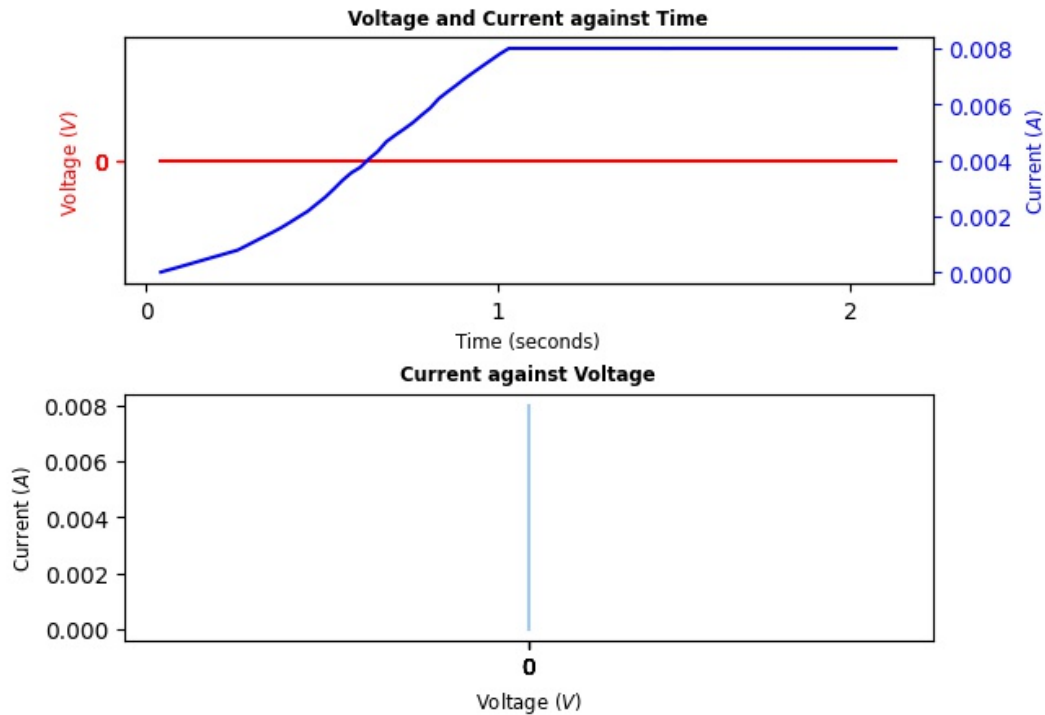
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

### Probe A plots



## Probe B plots



-----  
Stimulated at 12:29PM on 2022/February/24

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

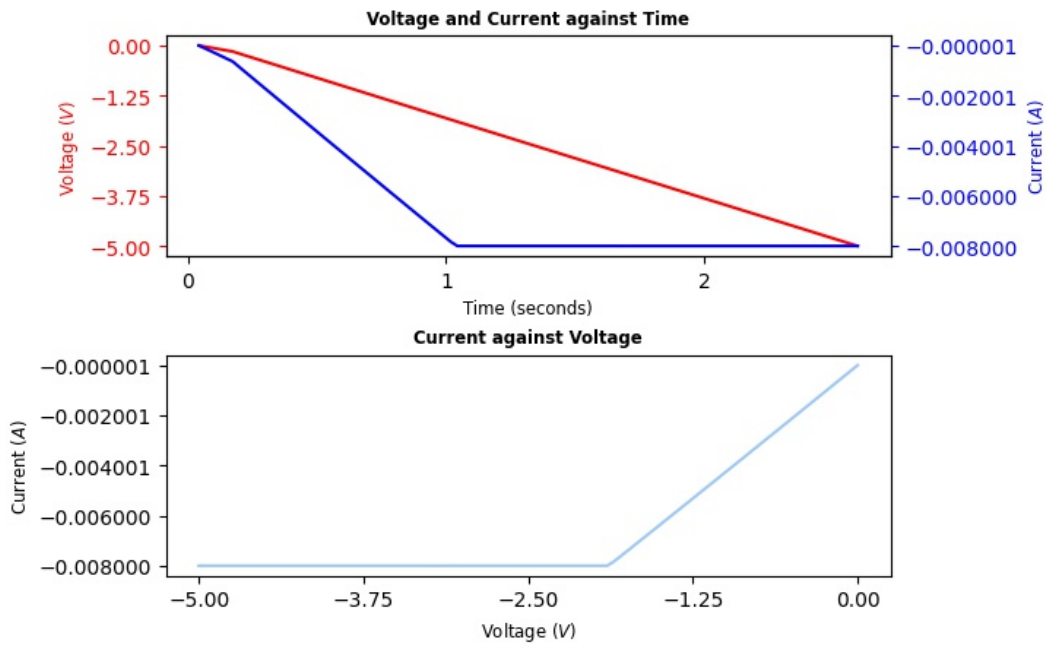
Platinum Voltage =

Copper Voltage =

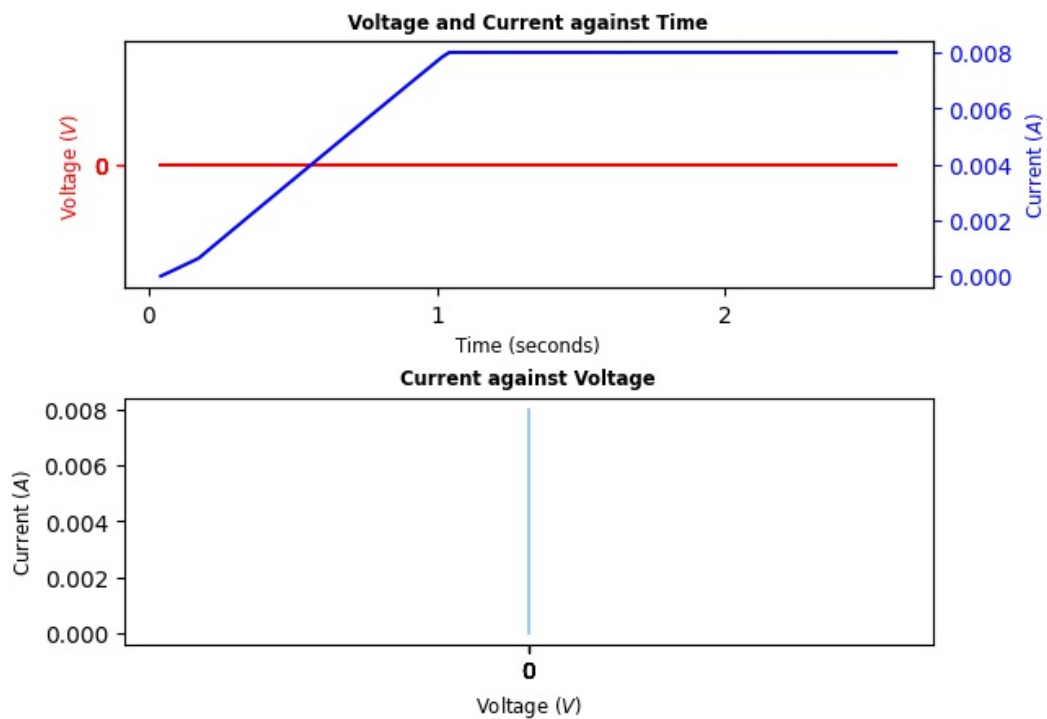
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

## Probe A plots



## Probe B plots



-----  
Stimulated at 12:30PM on 2022/February/24

Activity = reset

Start Voltage = 0V



End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

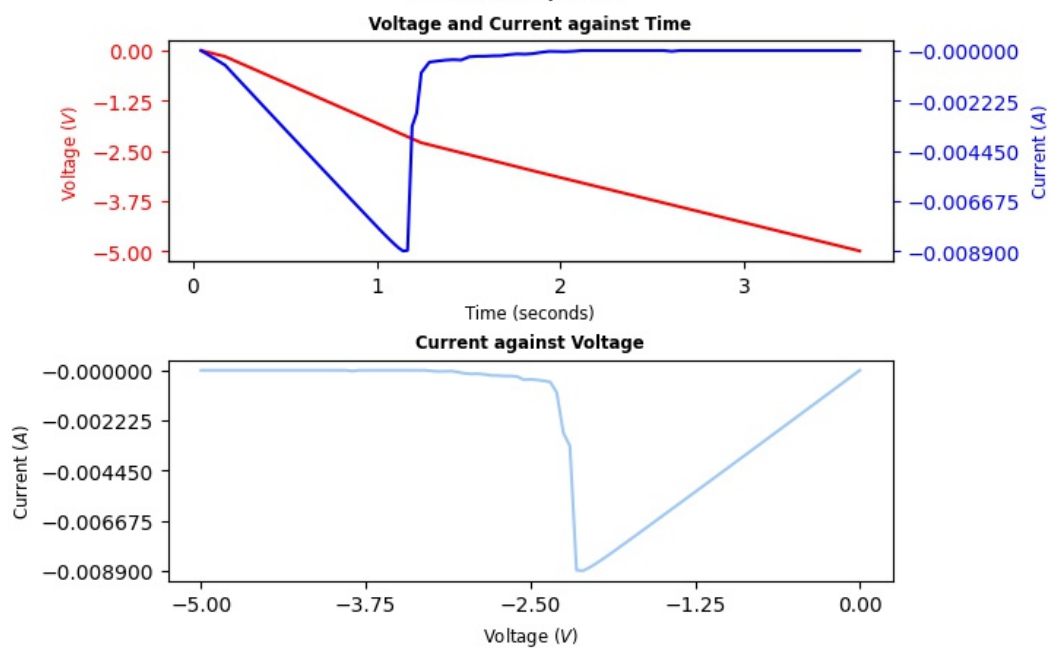
Platinum Voltage =

Copper Voltage =

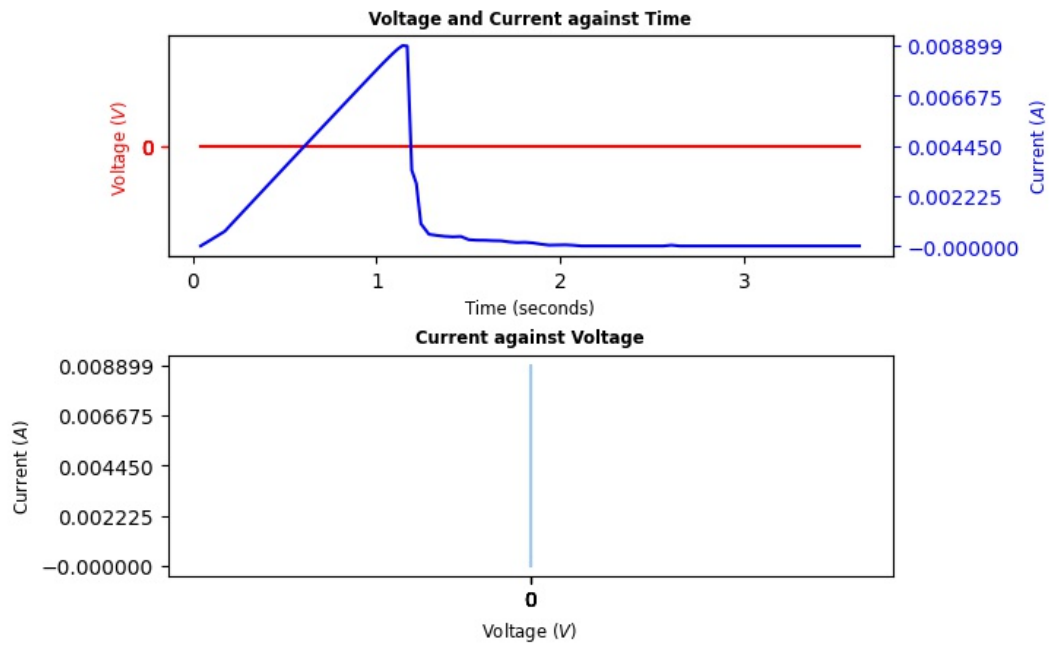
Run Folder Name = <2 probe, so invalid>

Comments = Probe A: Copper Probe B: Platinum

### Probe A plots



## Probe B plots



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