

## (wafer2,0,8,-1,-1,0,3) Plots and Summary

- Cell Size = 10um
- Number of Times Accessed = 33
- Last Stimulated = 2022/April/05 at 03:28:03PM

-----  
Stimulated at 02:29:04PM on 2022/April/05

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

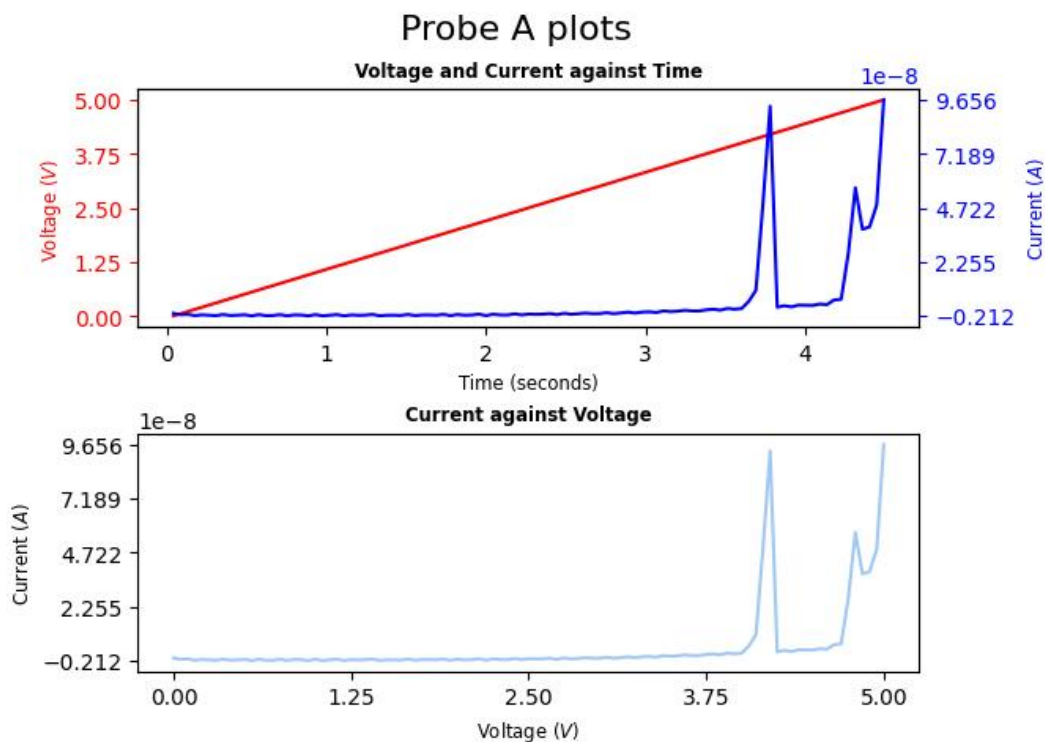
Compliance Current = 35.0uA

Platinum Voltage =

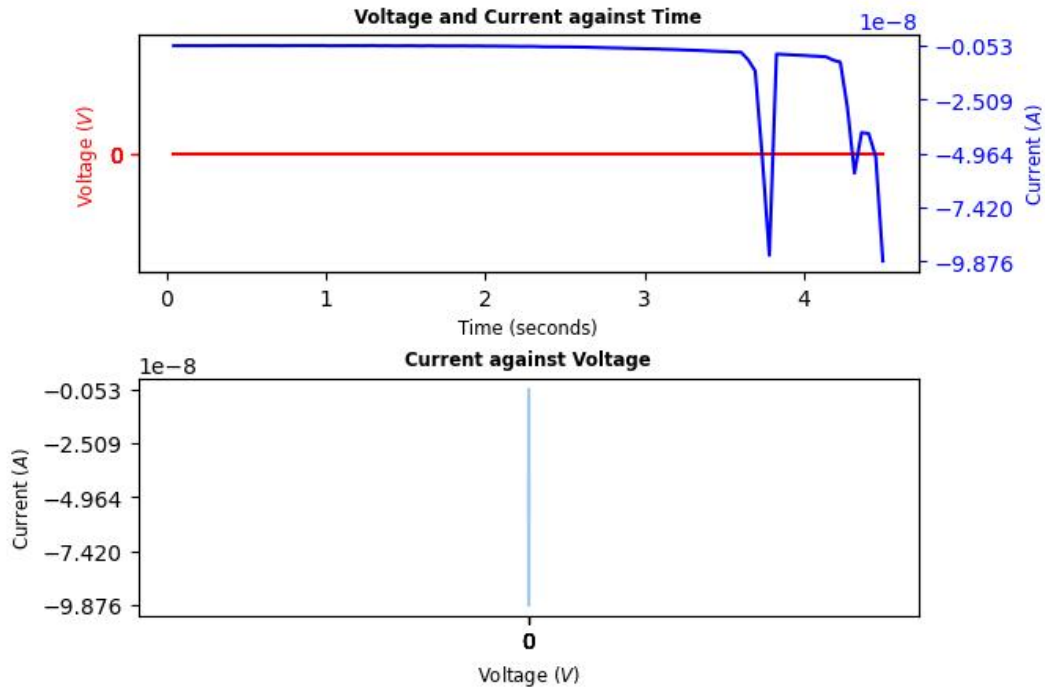
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not set



## Probe B plots



-----  
Stimulated at 02:30:29PM on 2022/April/05

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 = 35.0uA

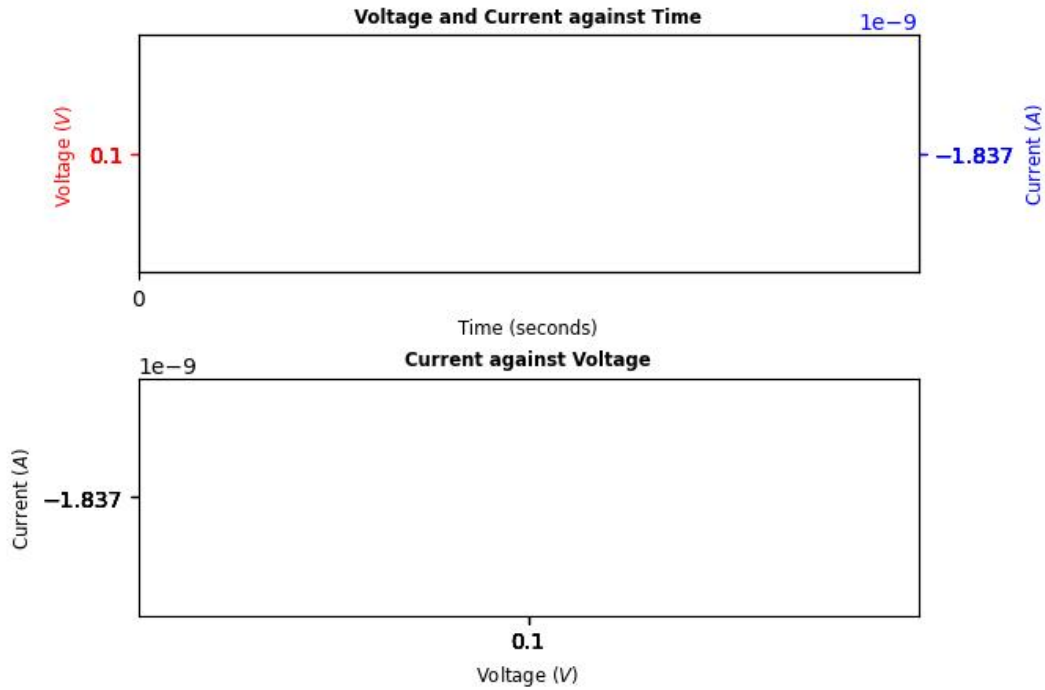
Platinum Voltage = 0V

Copper Voltage = 0.100V

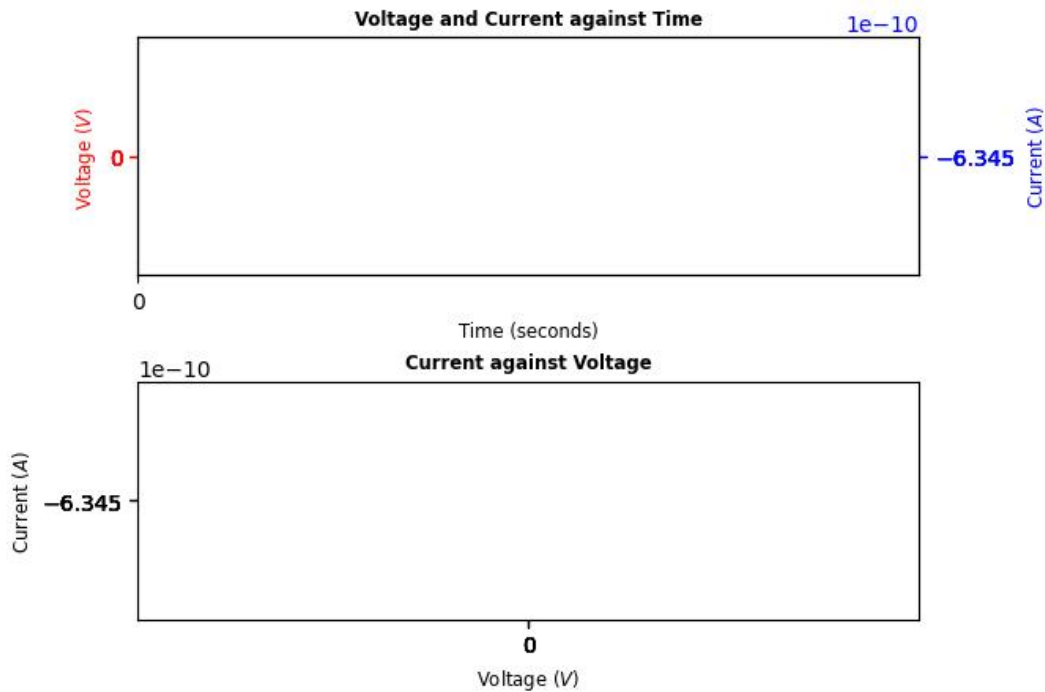
Run Folder Name = <2 probe, so invalid>

Comments = Not conducting State: Reset\*

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:31:29PM on 2022/April/05

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

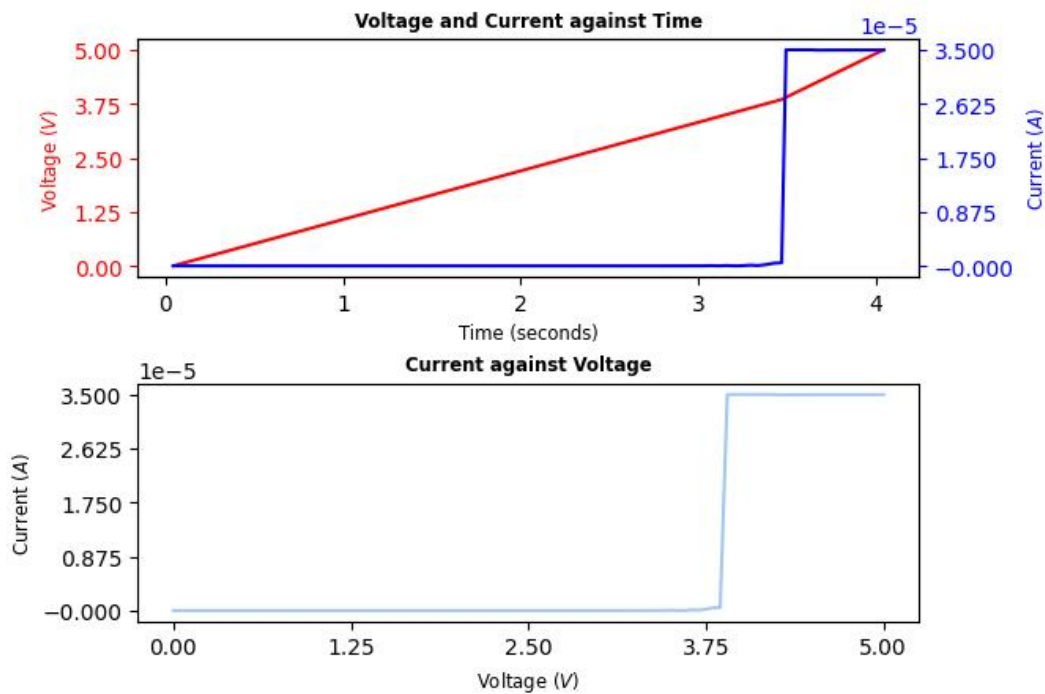
Platinum Voltage =

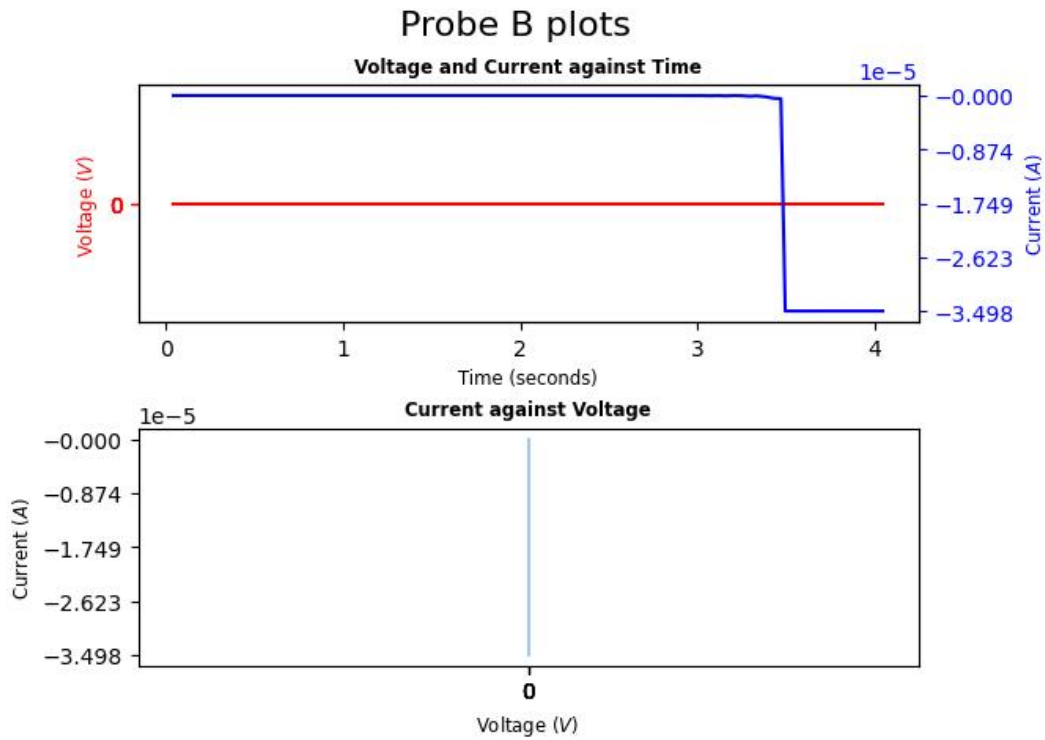
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did set at 3.9 V

## Probe A plots





-----

Stimulated at 02:32:30PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

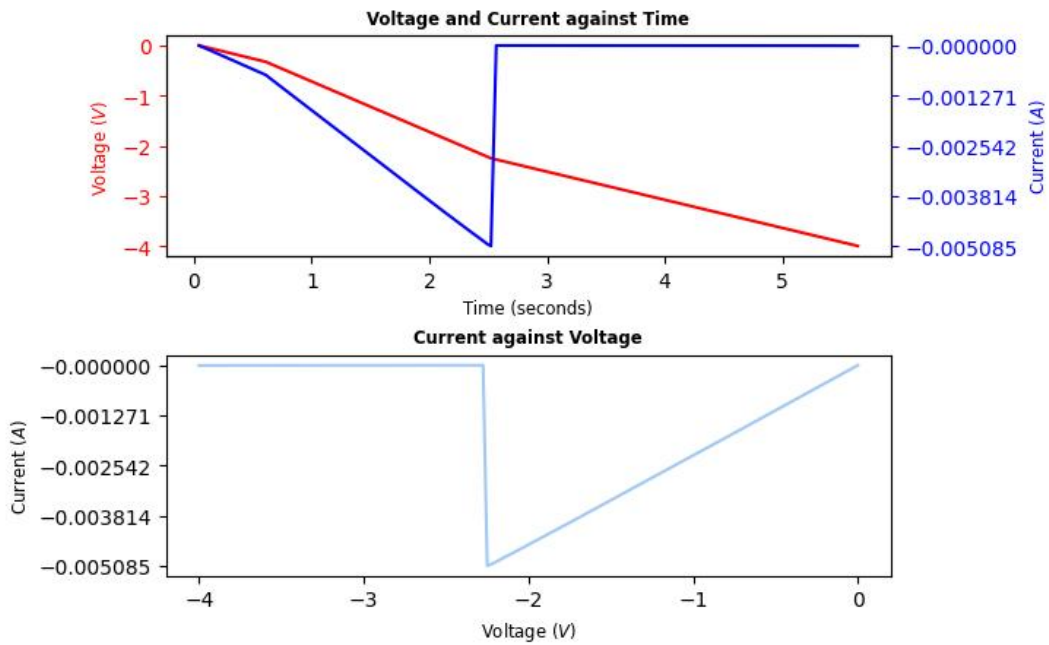
Platinum Voltage =

Copper Voltage =

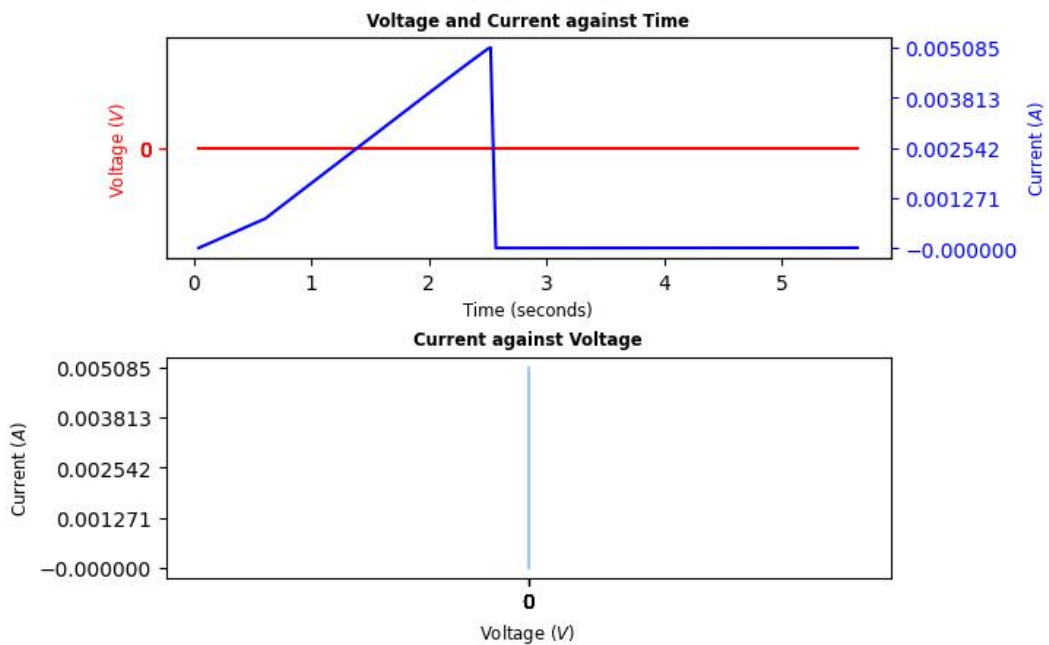
Run Folder Name = <2 probe, so invalid>

Comments = Use this one for r\_on, reset nicely

## Probe A plots



## Probe B plots



-----  
 Stimulated at 02:33:17PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

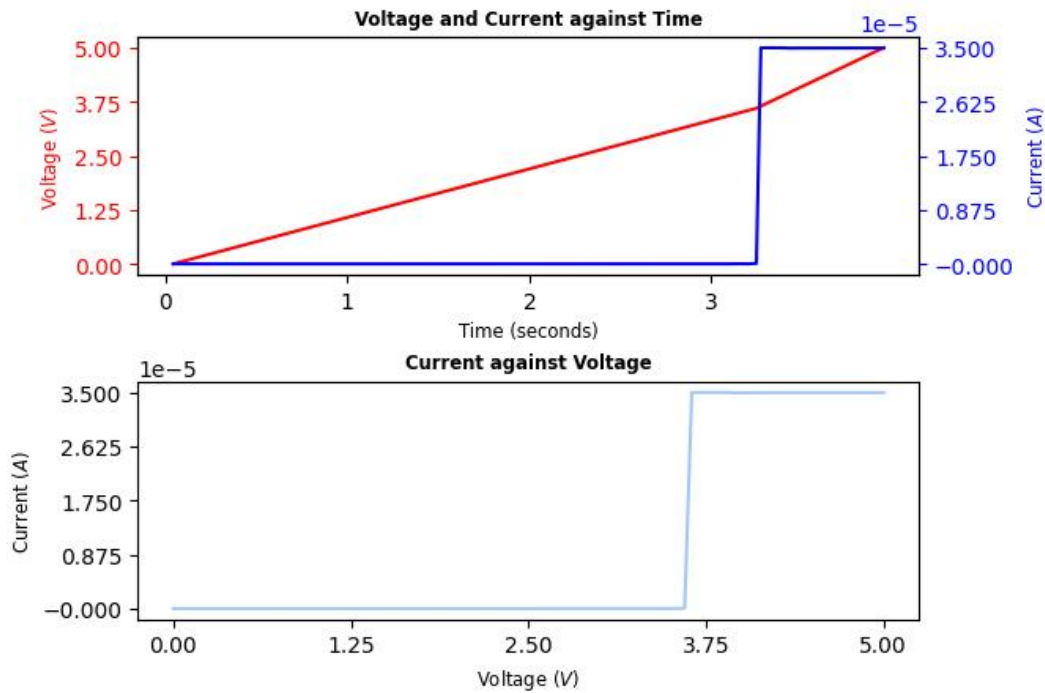
Platinum Voltage =

Copper Voltage =

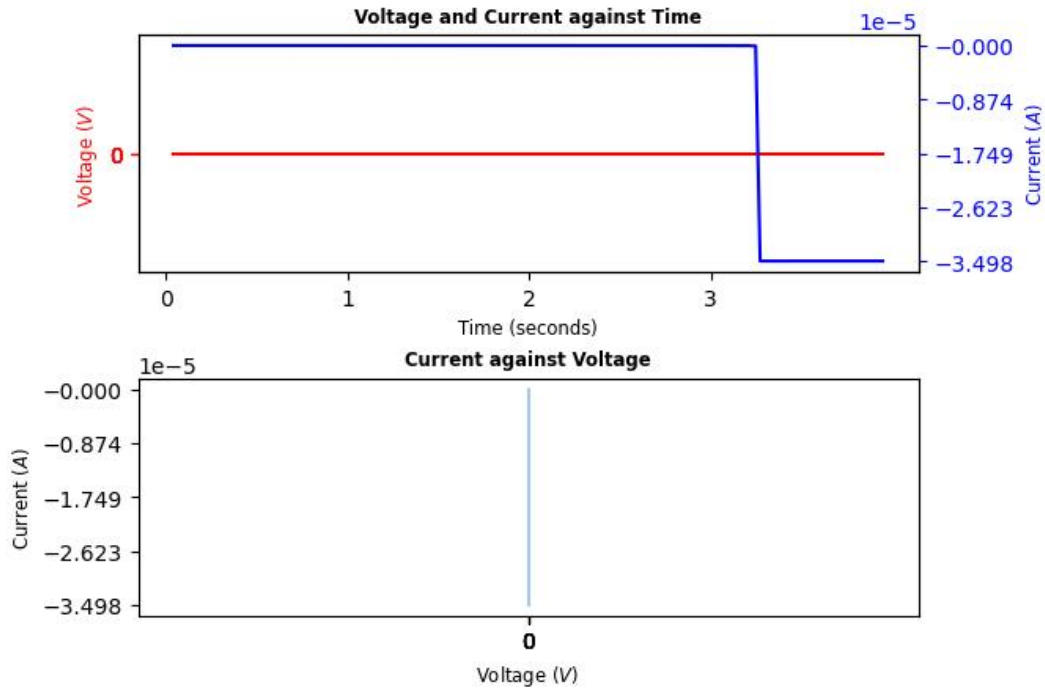
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.65 V, lower than form

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:33:47PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

Platinum Voltage =

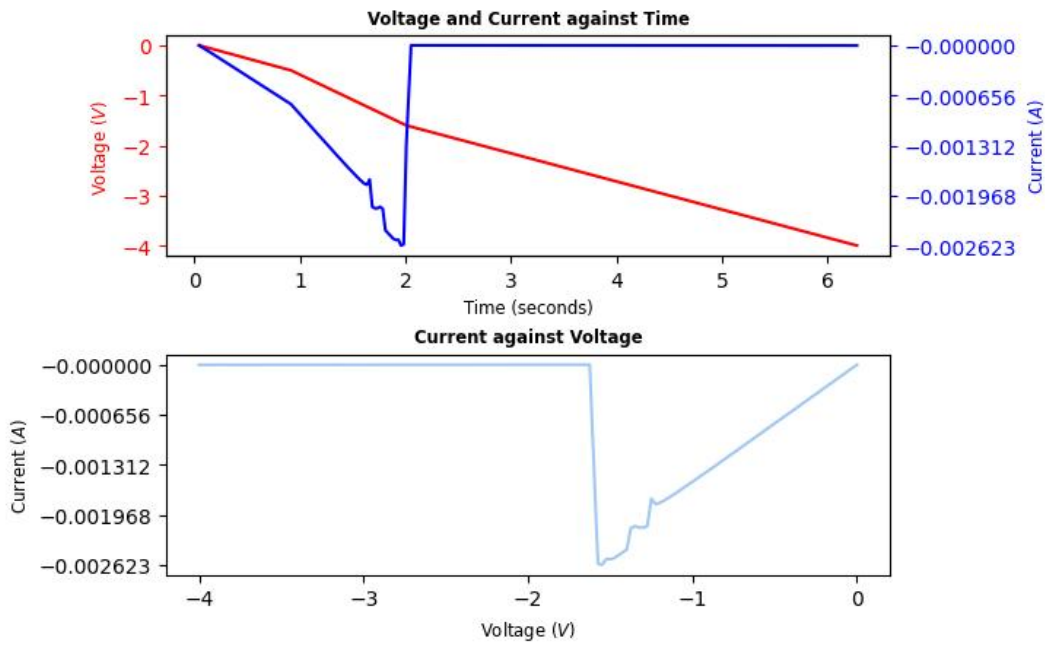
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

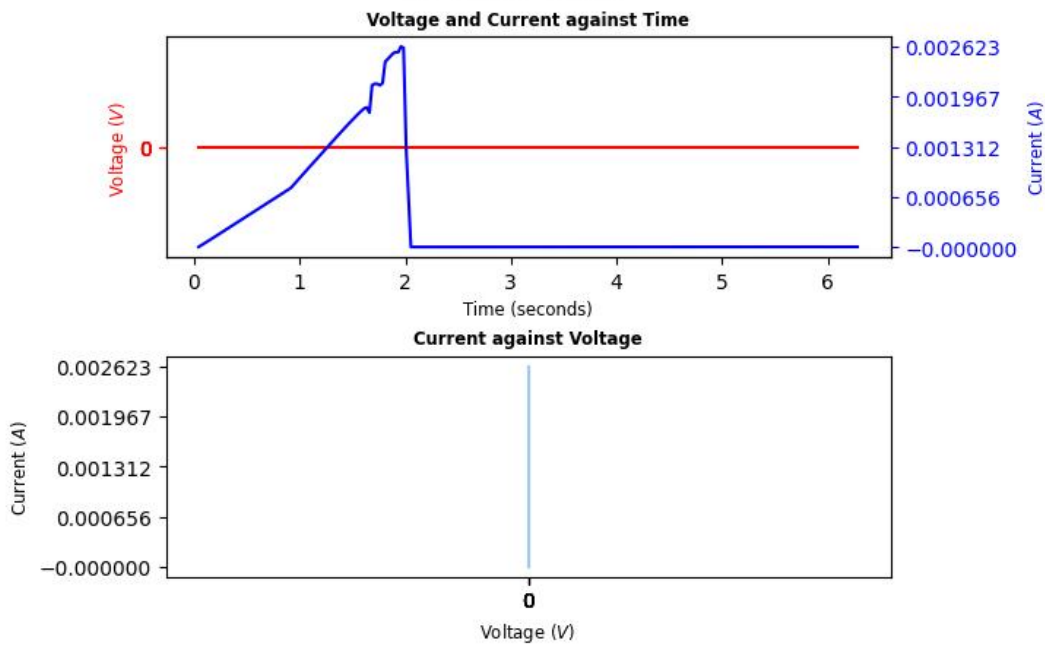
Comments = Reset, little weird



## Probe A plots



## Probe B plots



-----  
Stimulated at 02:34:33PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

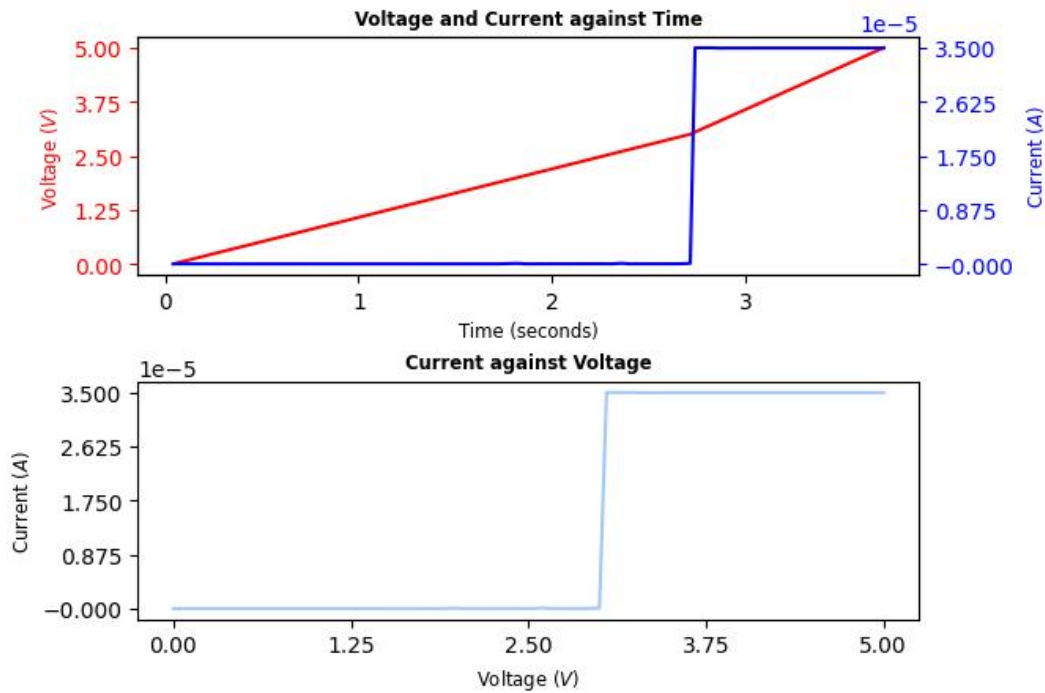
Platinum Voltage =

Copper Voltage =

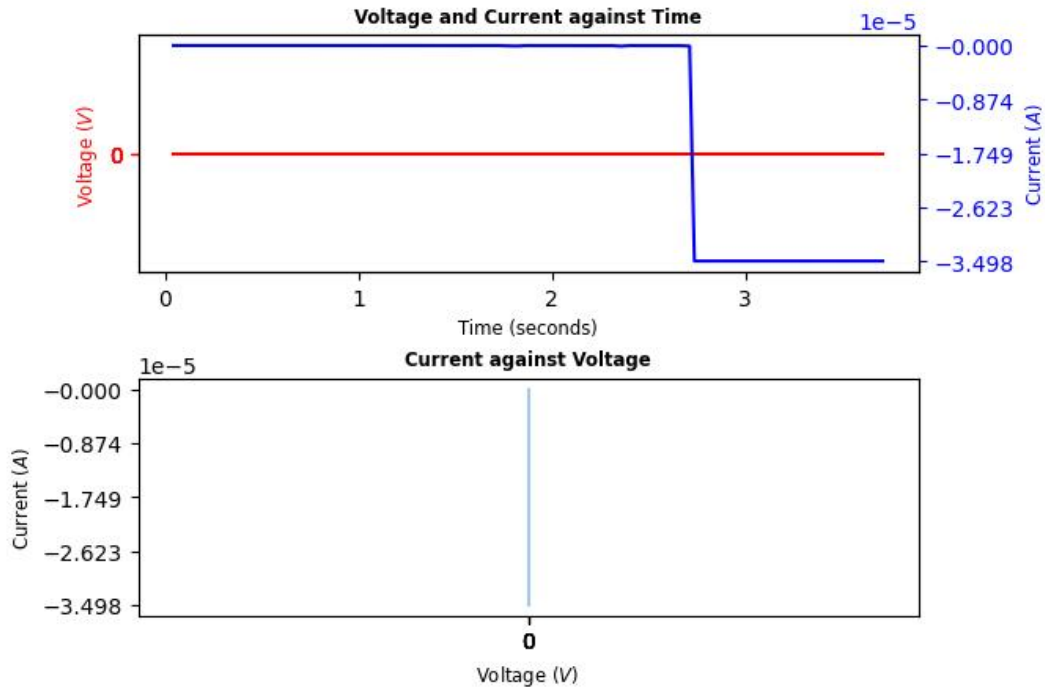
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.05

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:34:59PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

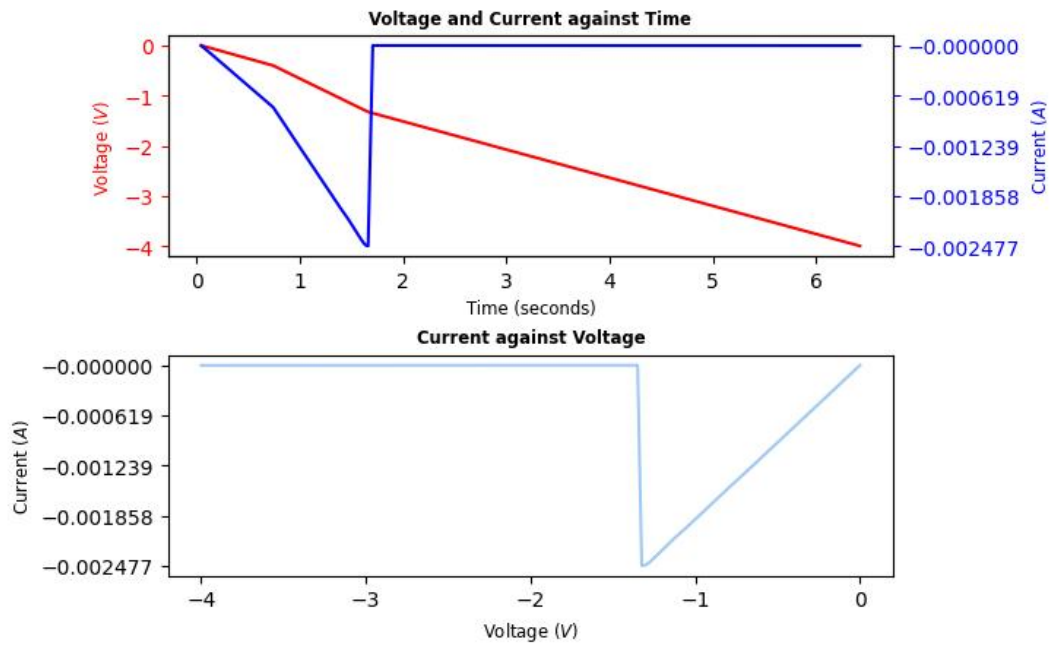
Platinum Voltage =

Copper Voltage =

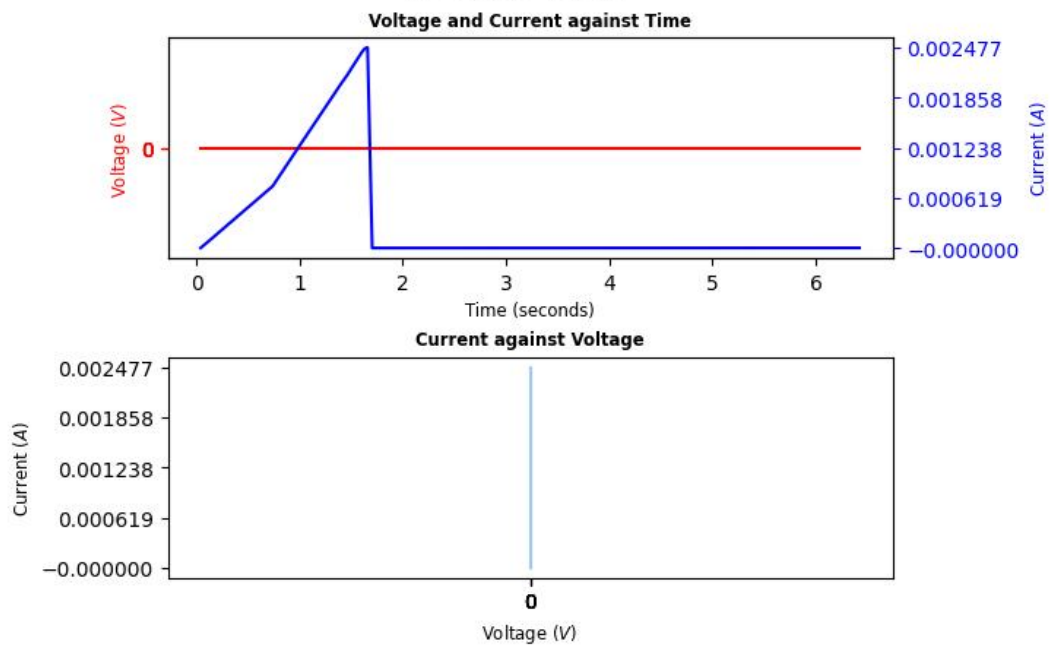
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

## Probe A plots



## Probe B plots



-----  
 Stimulated at 02:36:45PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

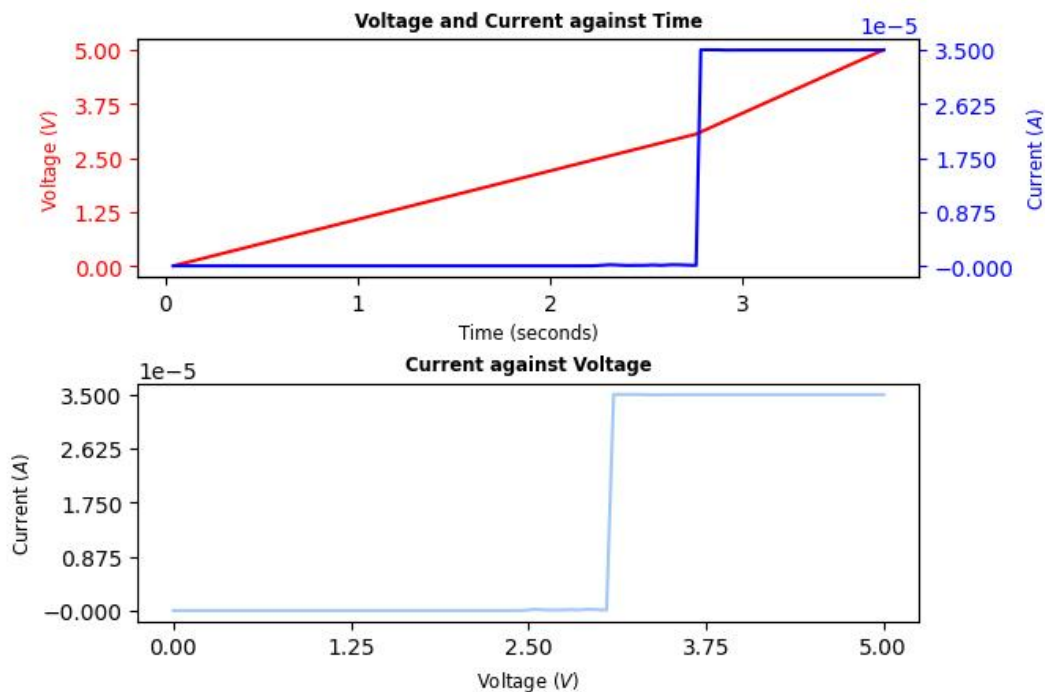
Platinum Voltage =

Copper Voltage =

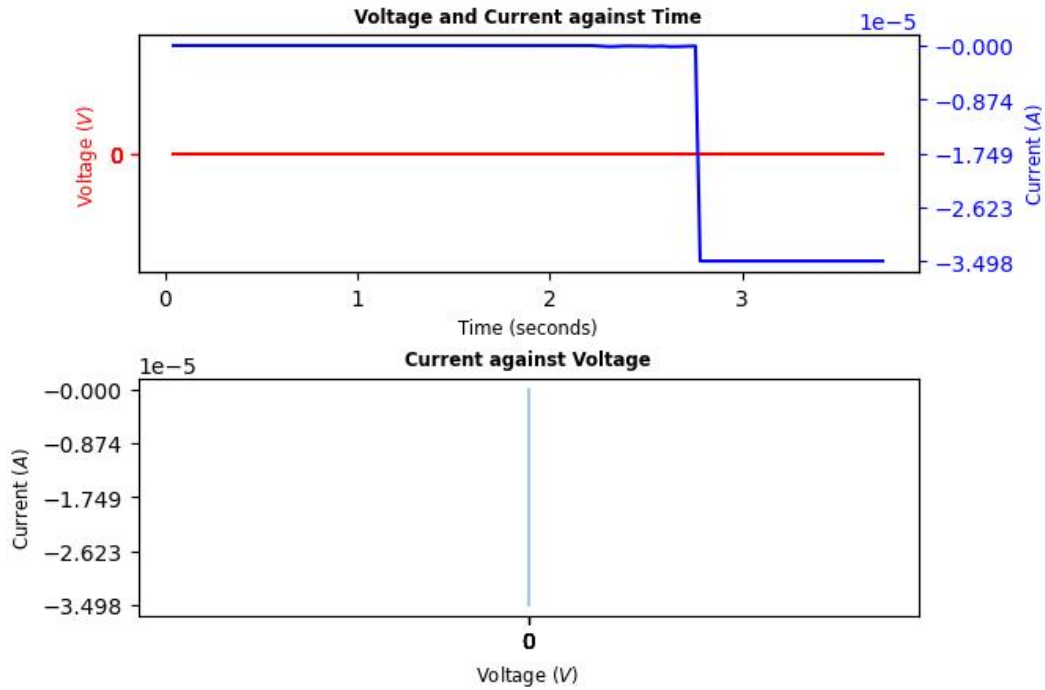
Run Folder Name = <2 probe, so invalid>

Comments = Setting before moving to neighbor. Still very nice

### Probe A plots



## Probe B plots



-----  
Stimulated at 02:43:46PM on 2022/April/05

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 = 35.0uA

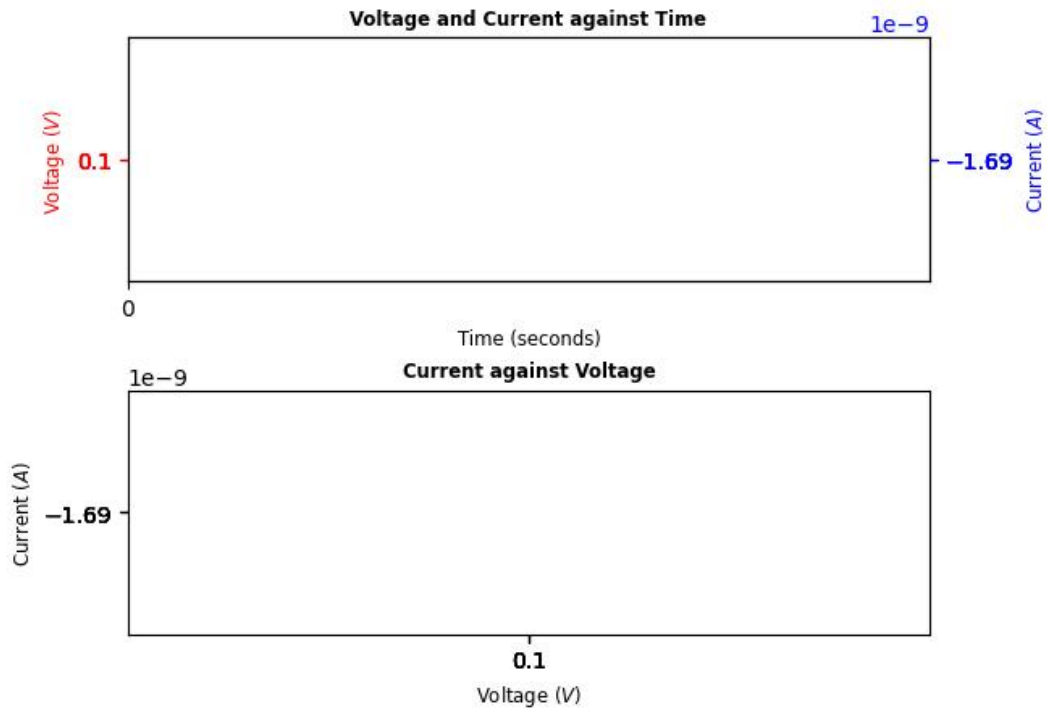
Platinum Voltage = 0V

Copper Voltage = 0.100V

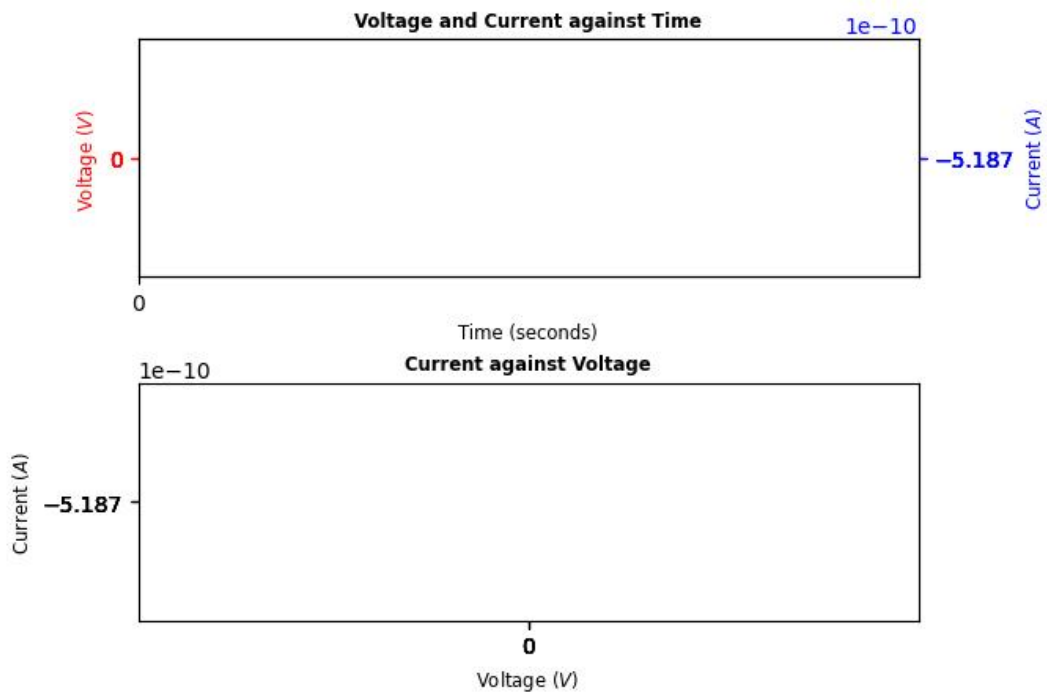
Run Folder Name = <2 probe, so invalid>

Comments = Reset, but could be due to probes State: Reset\*

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:44:10PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

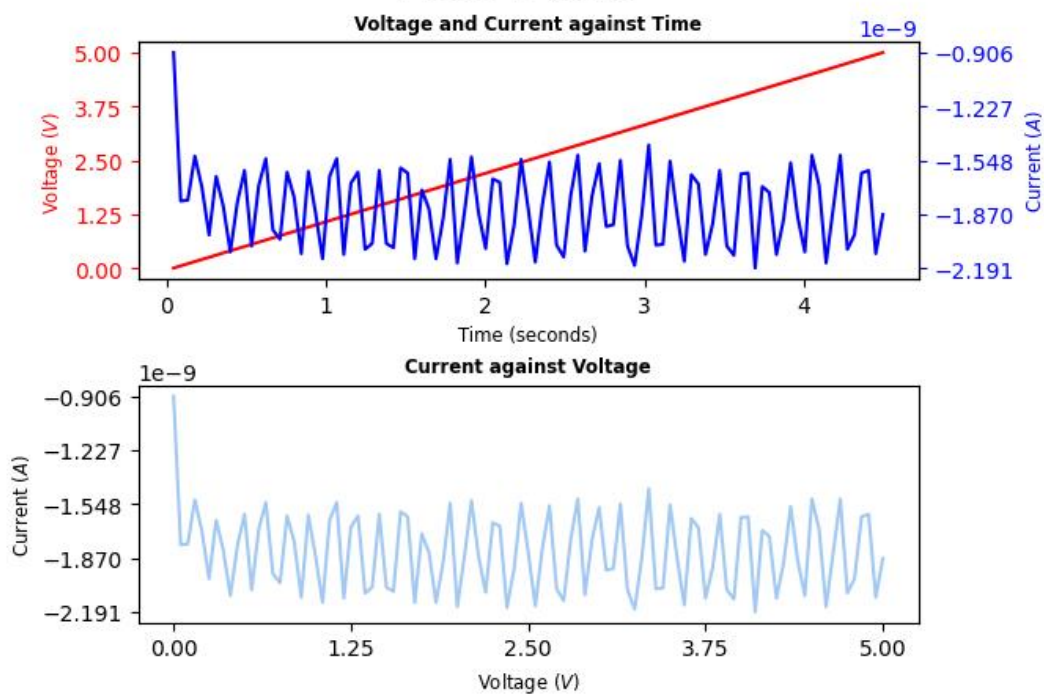
Platinum Voltage =

Copper Voltage =

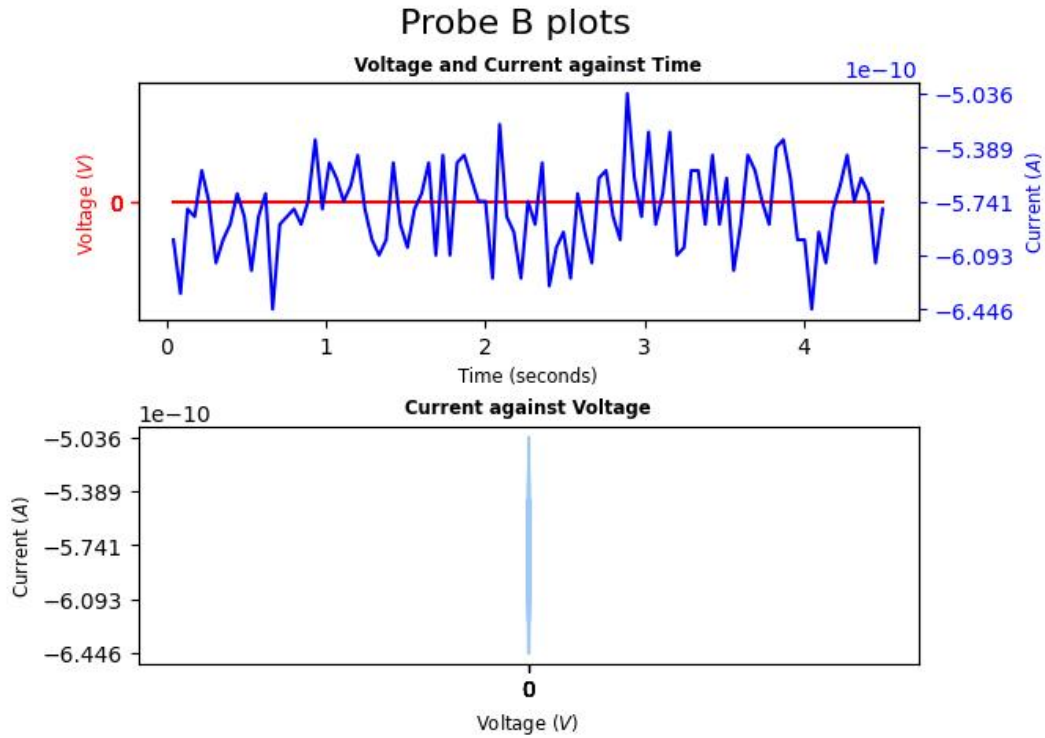
Run Folder Name = <2 probe, so invalid>

Comments = Probes not touching

### Probe A plots







-----  
Stimulated at 02:44:36PM on 2022/April/05

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 = 35.0uA

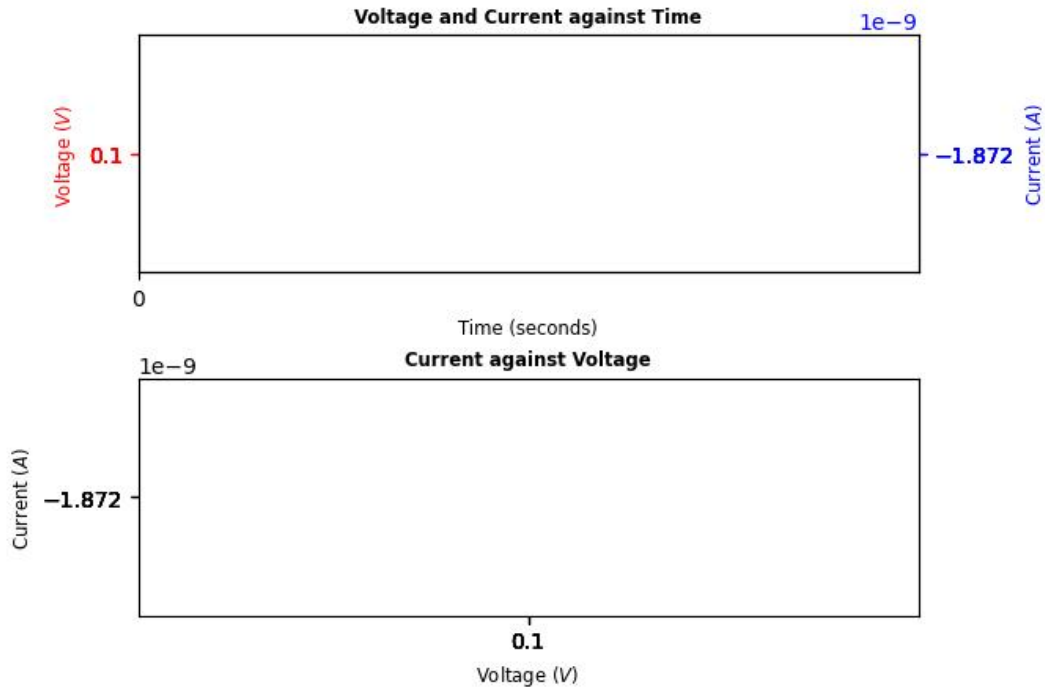
Platinum Voltage = 0V

Copper Voltage = 0.100V

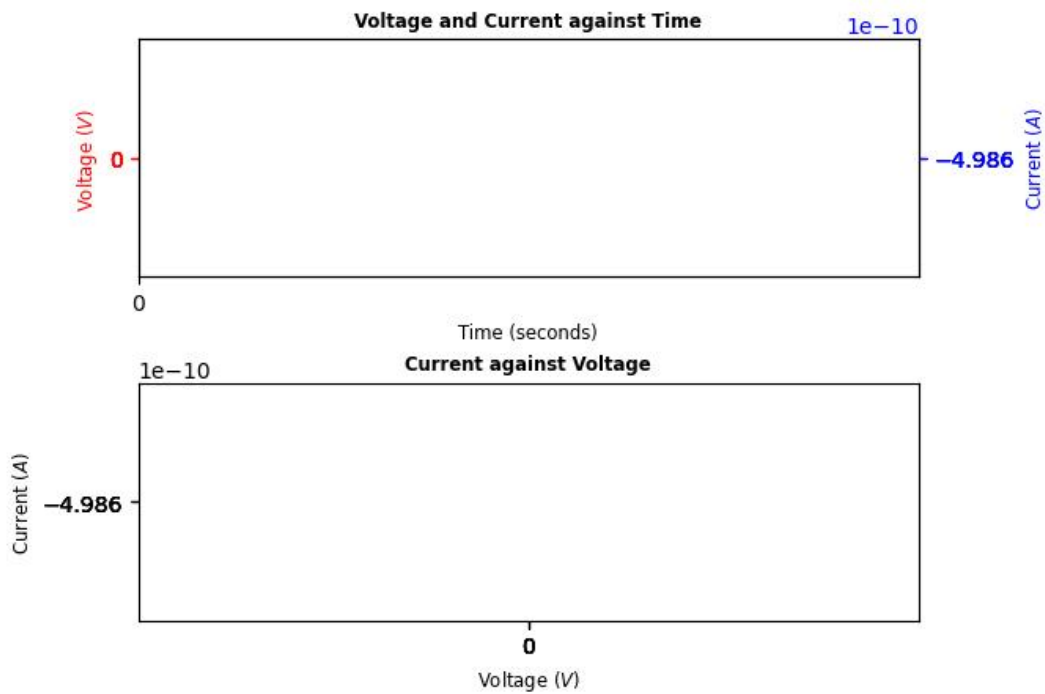
Run Folder Name = <2 probe, so invalid>

Comments = Still reset State: Reset\*

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:44:50PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

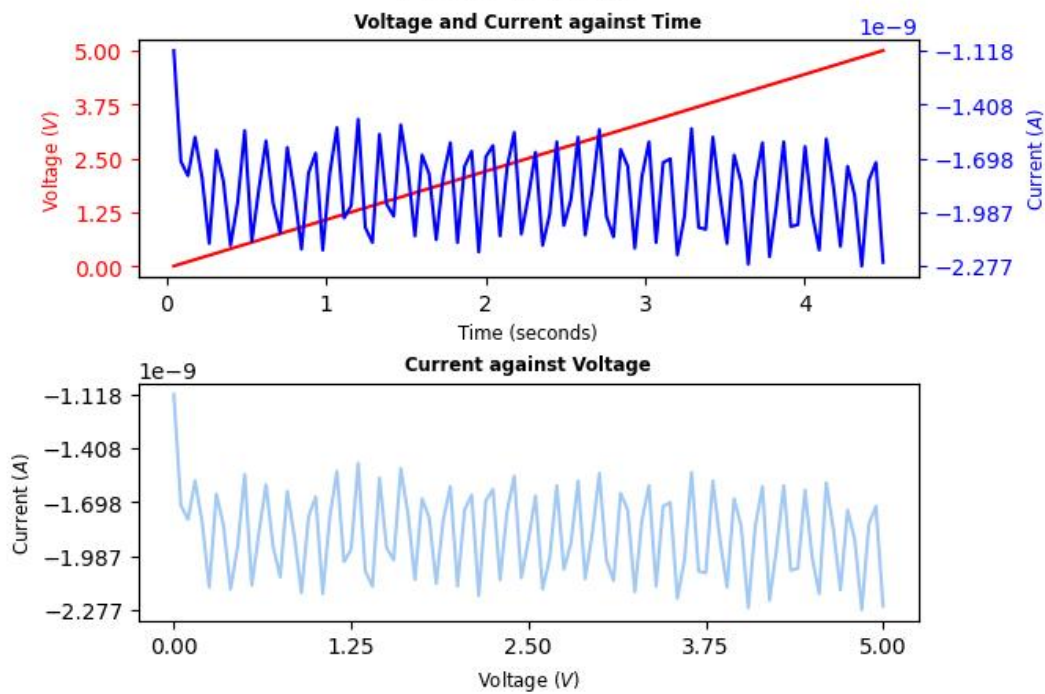
Platinum Voltage =

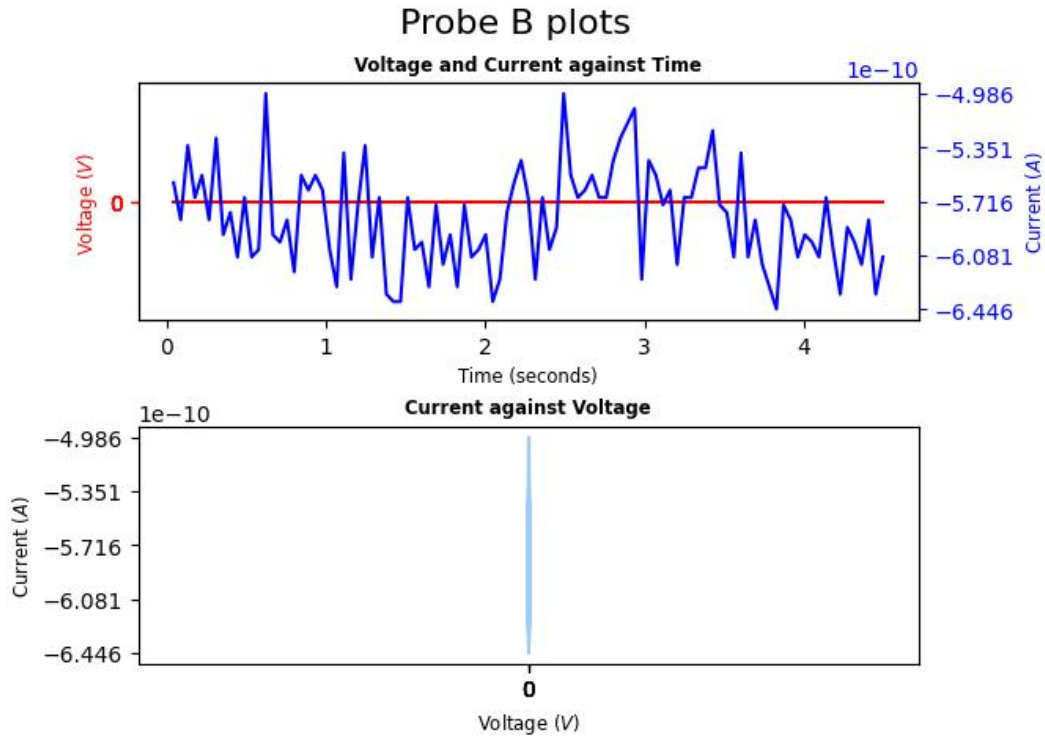
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probes still not touching

### Probe A plots





-----  
 Stimulated at 02:46:21PM on 2022/April/05

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 = 35.0uA

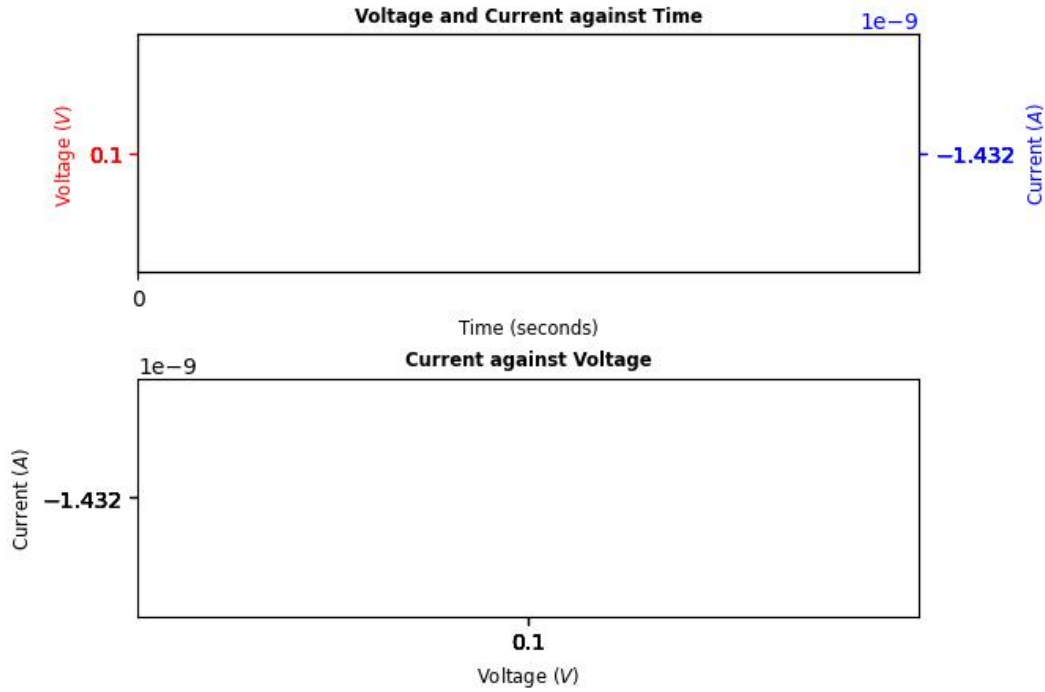
Platinum Voltage = 0V

Copper Voltage = 0.100V

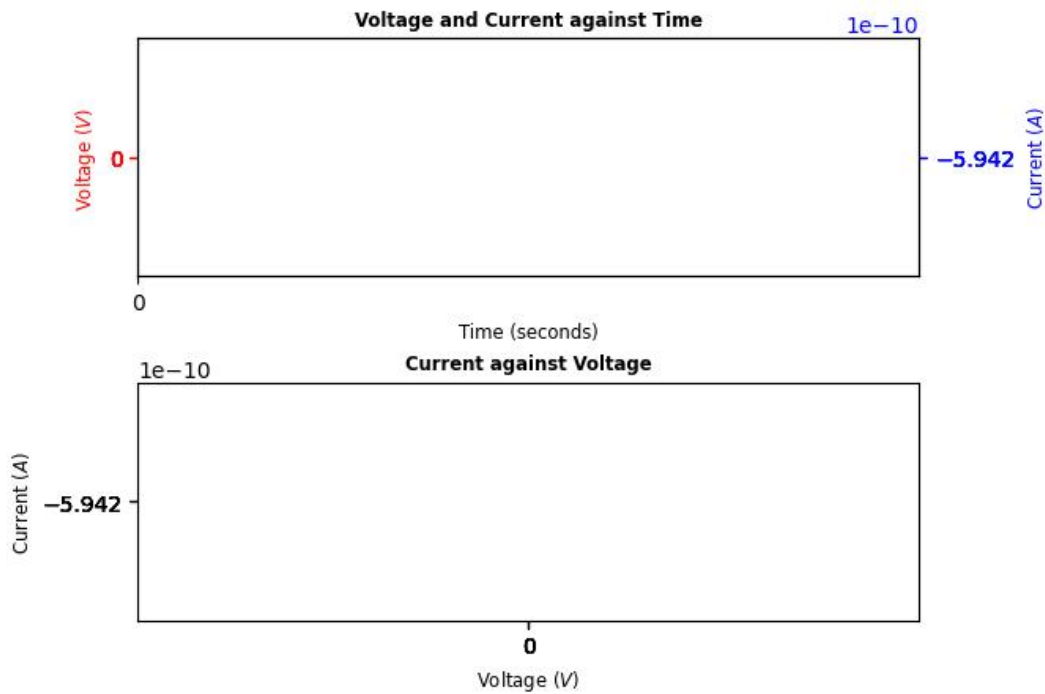
Run Folder Name = <2 probe, so invalid>

Comments = Still not conducting State: Reset\*

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:46:32PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

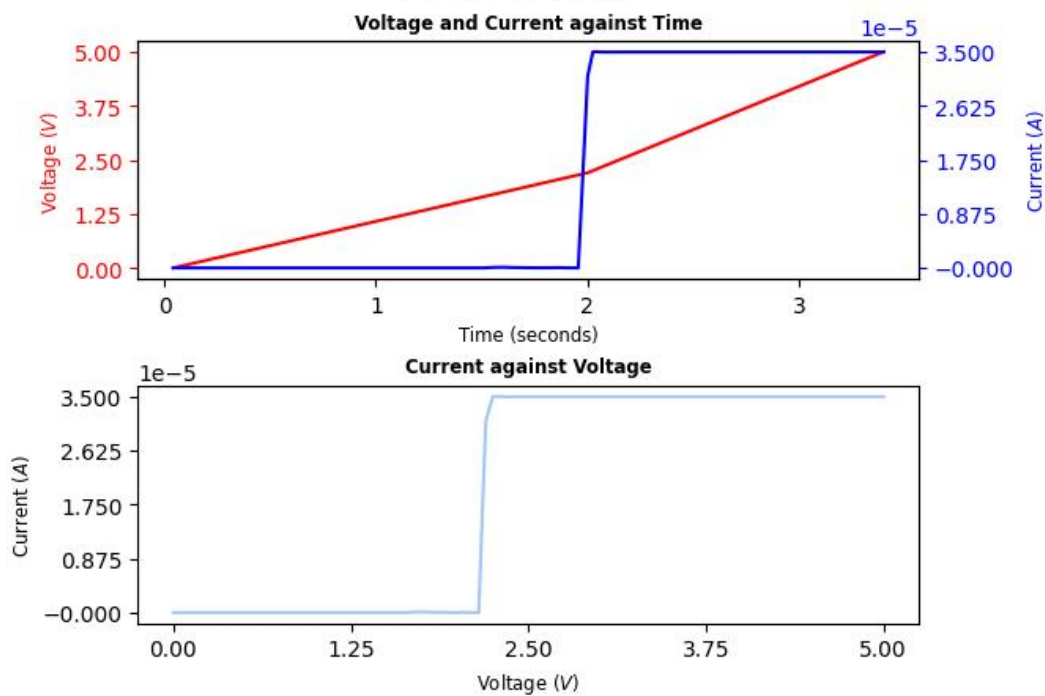
Platinum Voltage =

Copper Voltage =

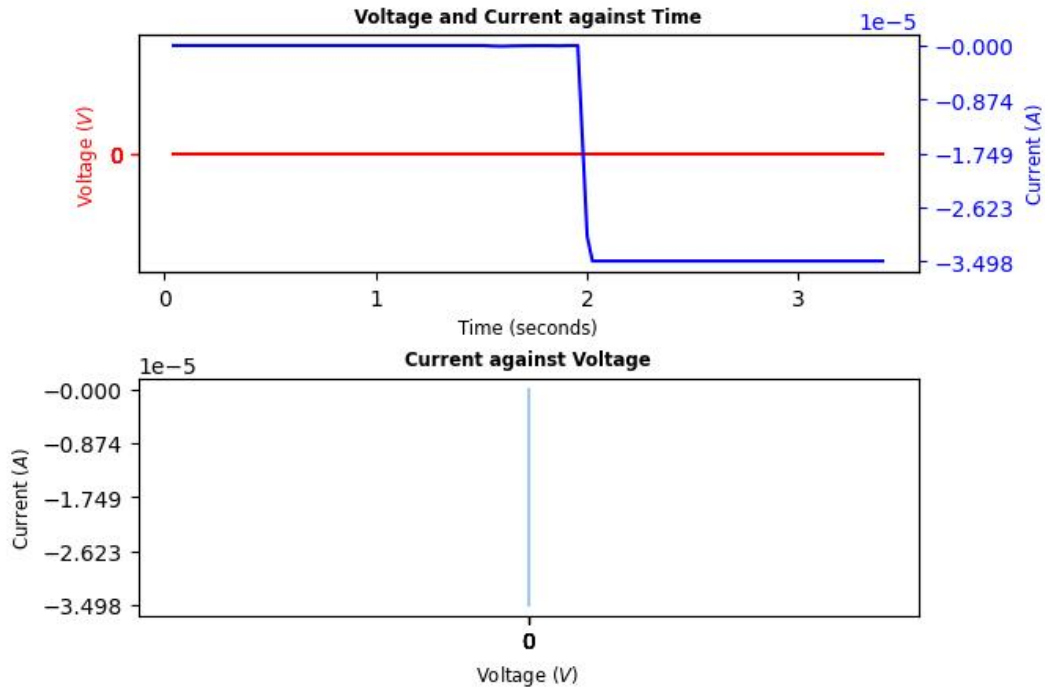
Run Folder Name = <2 probe, so invalid>

Comments = Cell set, which means that this filament was unset by heat (  $\bullet \blacksquare \omega \bullet \blacksquare$  ) $\diamond$

### Probe A plots



## Probe B plots



-----  
Stimulated at 02:47:07PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

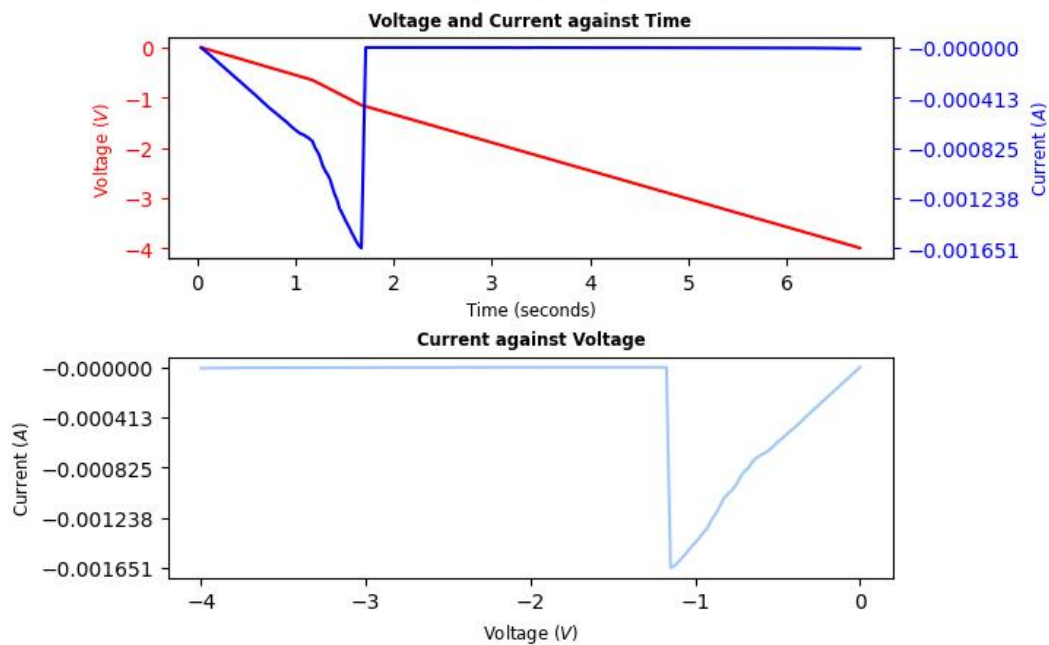
Platinum Voltage =

Copper Voltage =

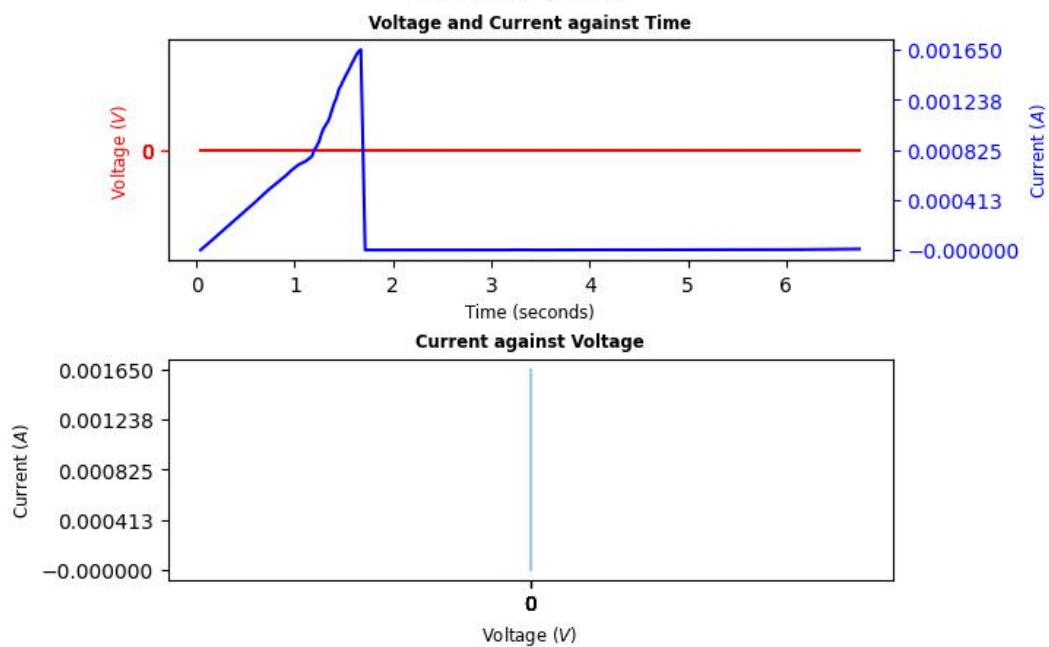
Run Folder Name = <2 probe, so invalid>

Comments = Reset somewhat cleanly

## Probe A plots



## Probe B plots



-----  
Stimulated at 02:48:00PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V



Ramp Rate = 1V/s

Compliance Current = 35.0uA

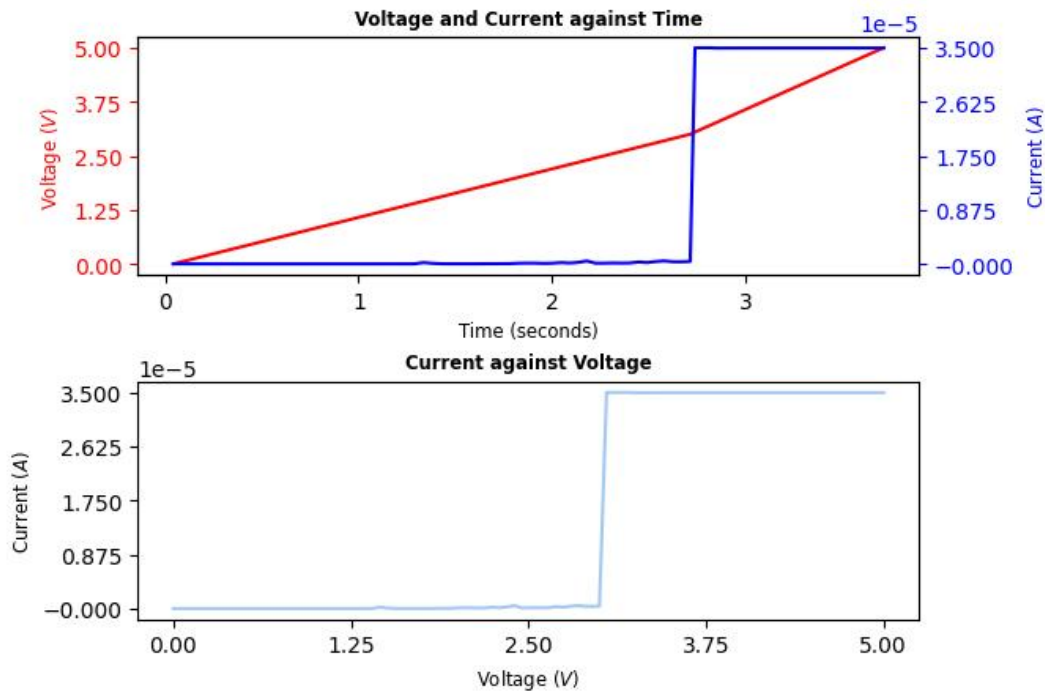
Platinum Voltage =

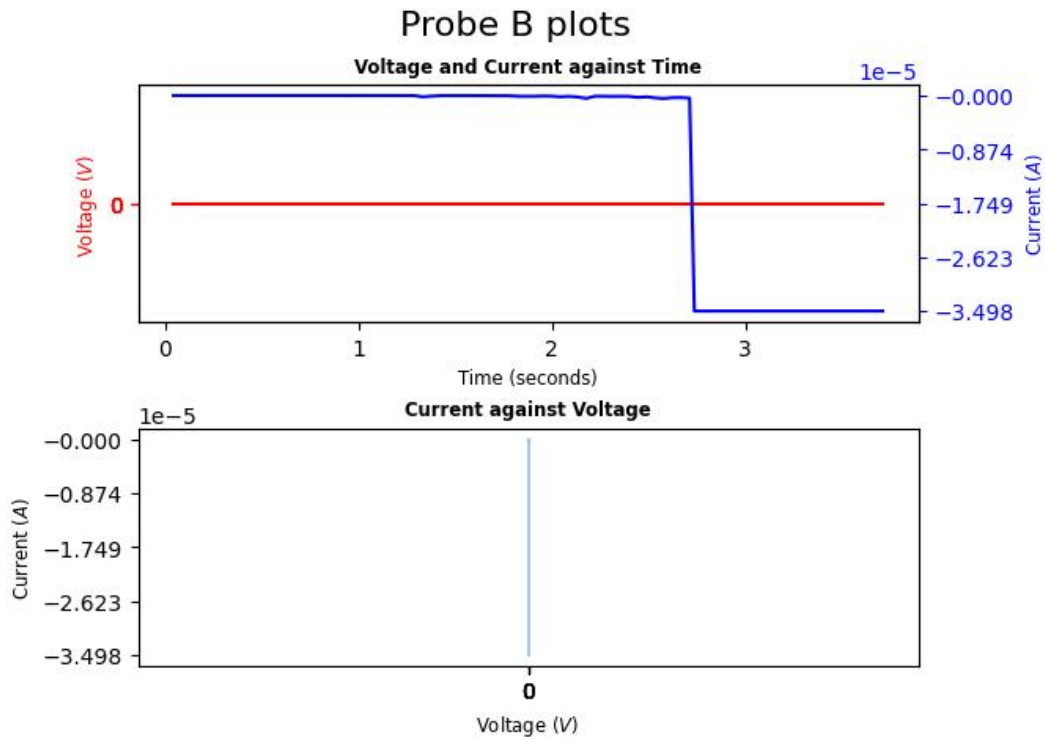
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.05

## Probe A plots





-----  
Stimulated at 03:09:15PM on 2022/April/05

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 = 35.0uA

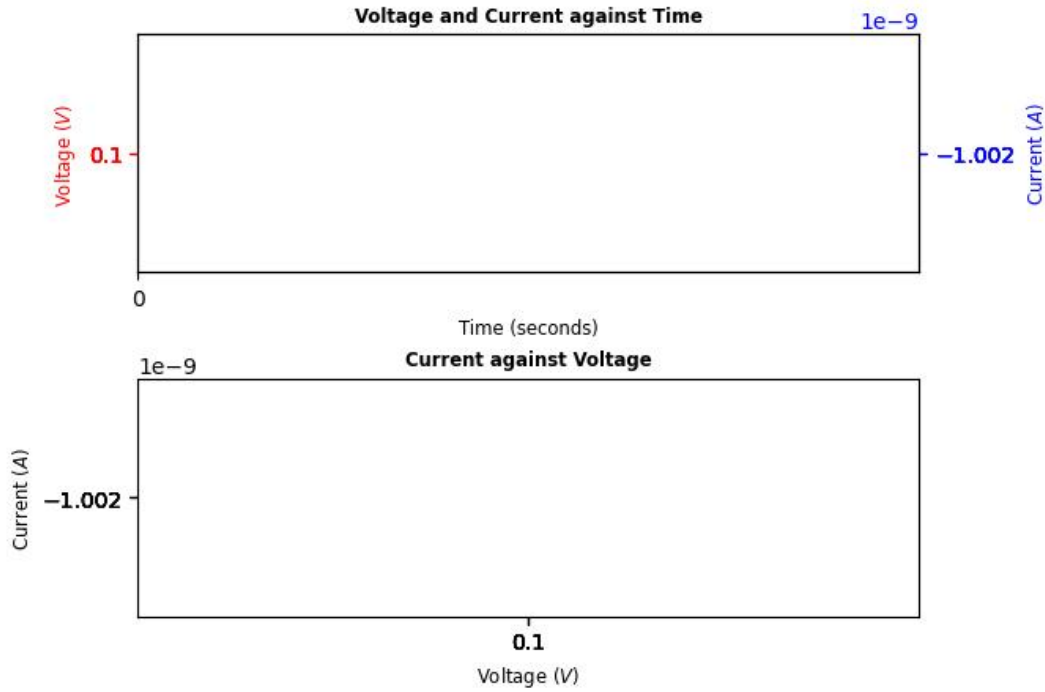
Platinum Voltage = 0V

Copper Voltage = 0.100V

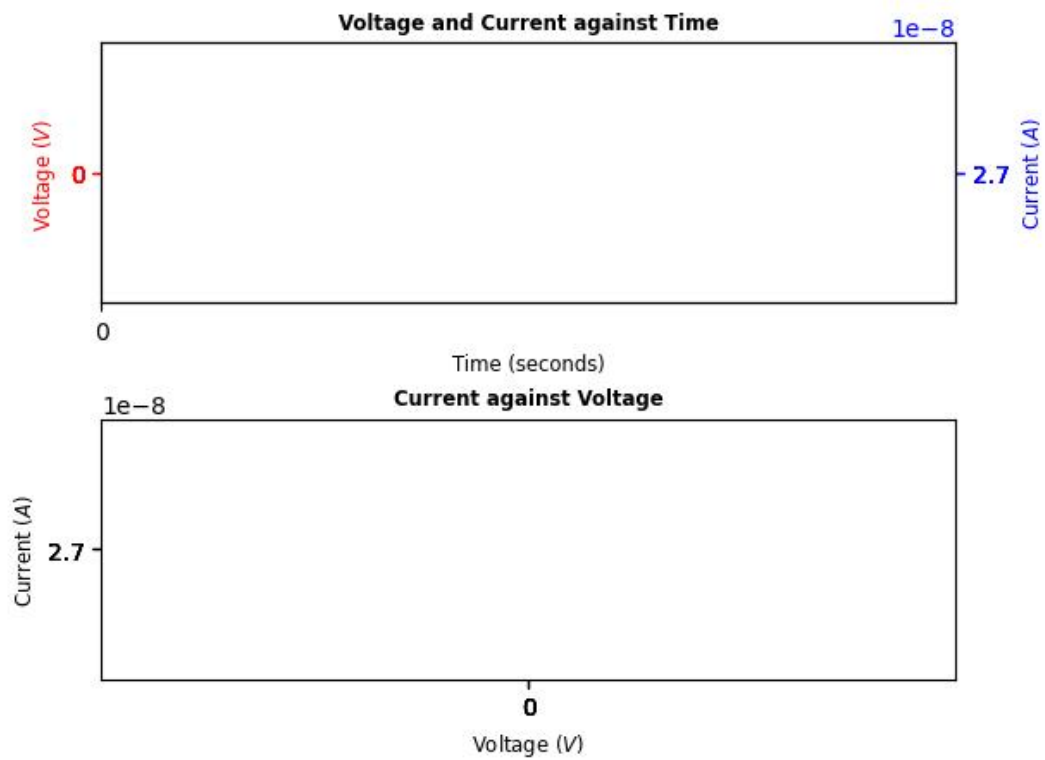
Run Folder Name = <2 probe, so invalid>

Comments = Reset State: Reset\*

## Probe A plots



## Probe B plots



Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

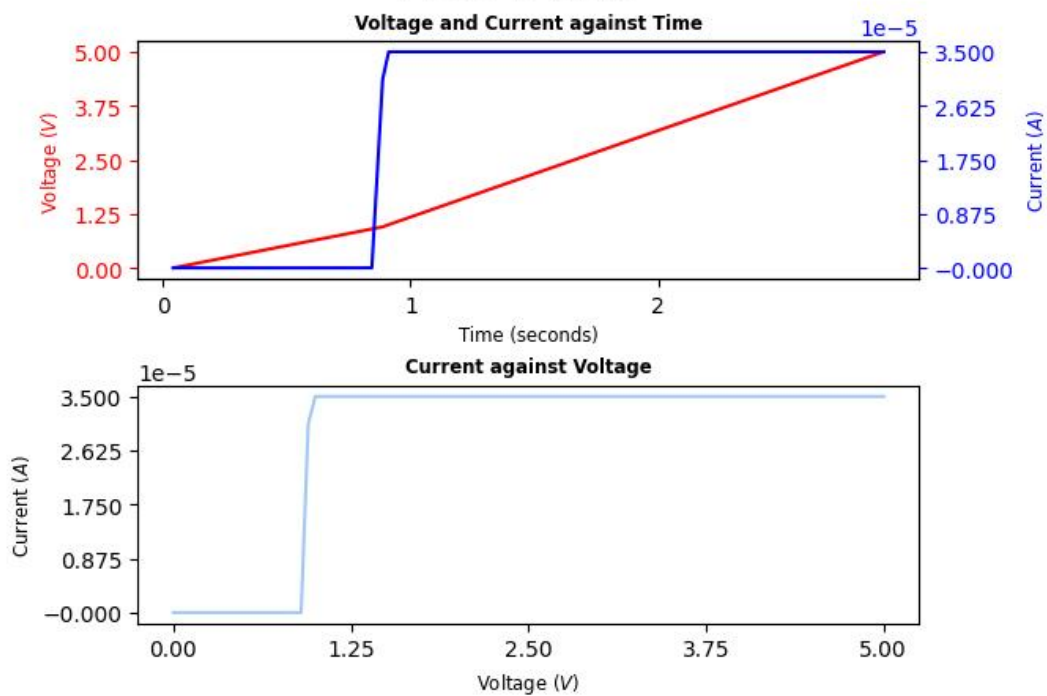
Platinum Voltage =

Copper Voltage =

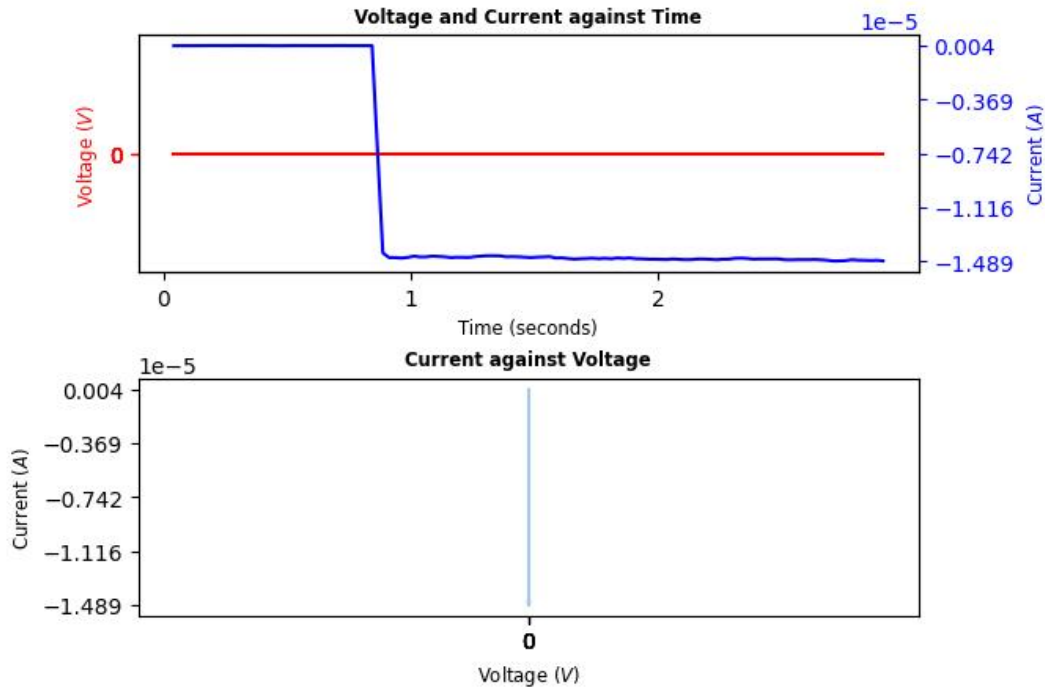
Run Folder Name = <2 probe, so invalid>

Comments = Set at low voltage

### Probe A plots



## Probe B plots



-----  
Stimulated at 03:10:21PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

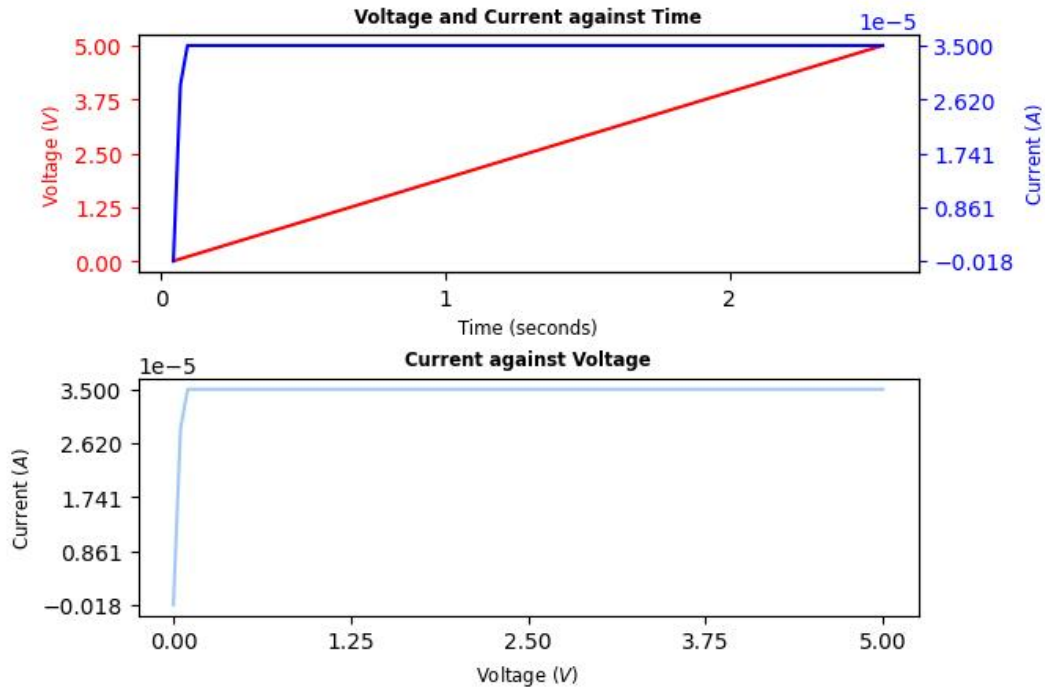
Platinum Voltage =

Copper Voltage =

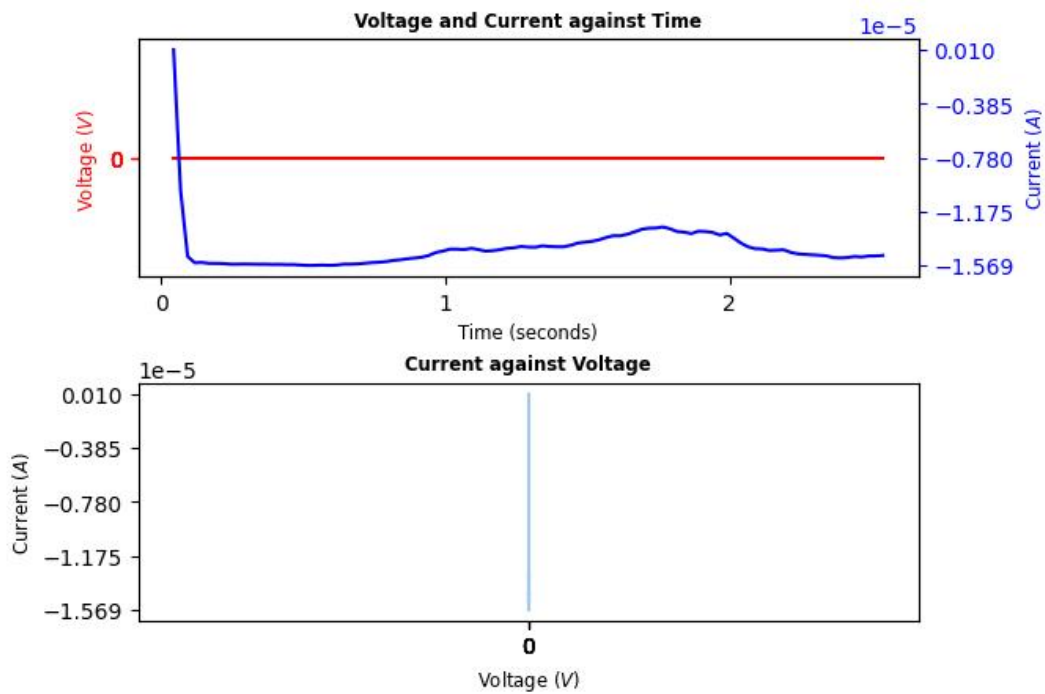
Run Folder Name = <2 probe, so invalid>

Comments = Accident

## Probe A plots



## Probe B plots



-----  
Stimulated at 03:11:10PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

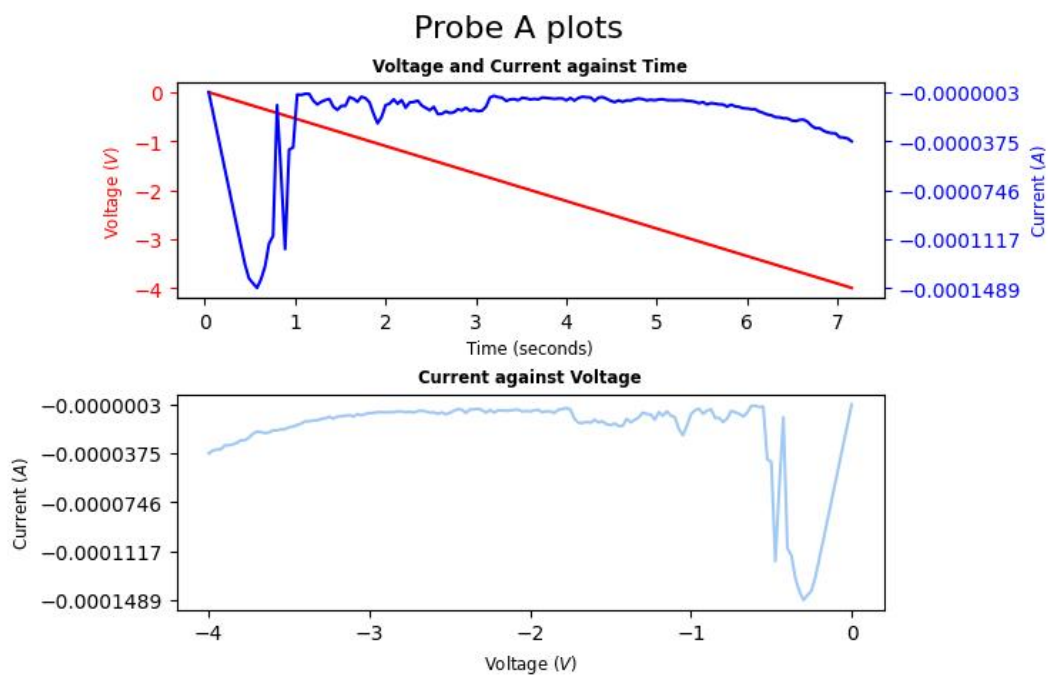
Compliance Current = 8.0mA

Platinum Voltage =

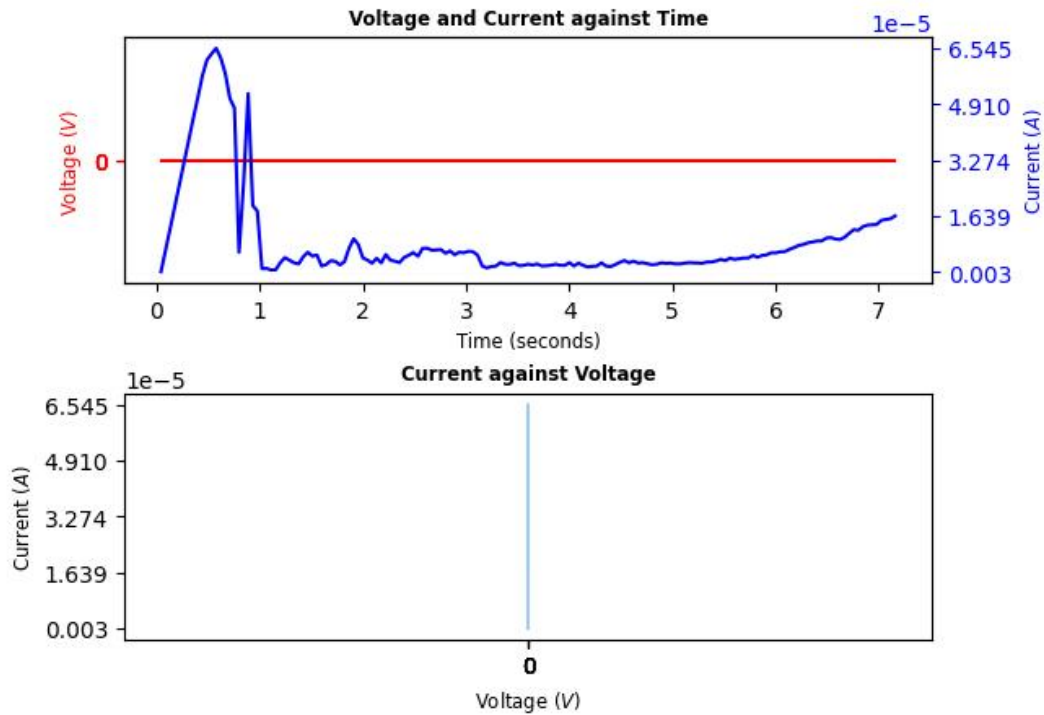
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Whack



## Probe B plots



-----  
Stimulated at 03:11:54PM on 2022/April/05

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 = 35.0uA

Platinum Voltage = 0V

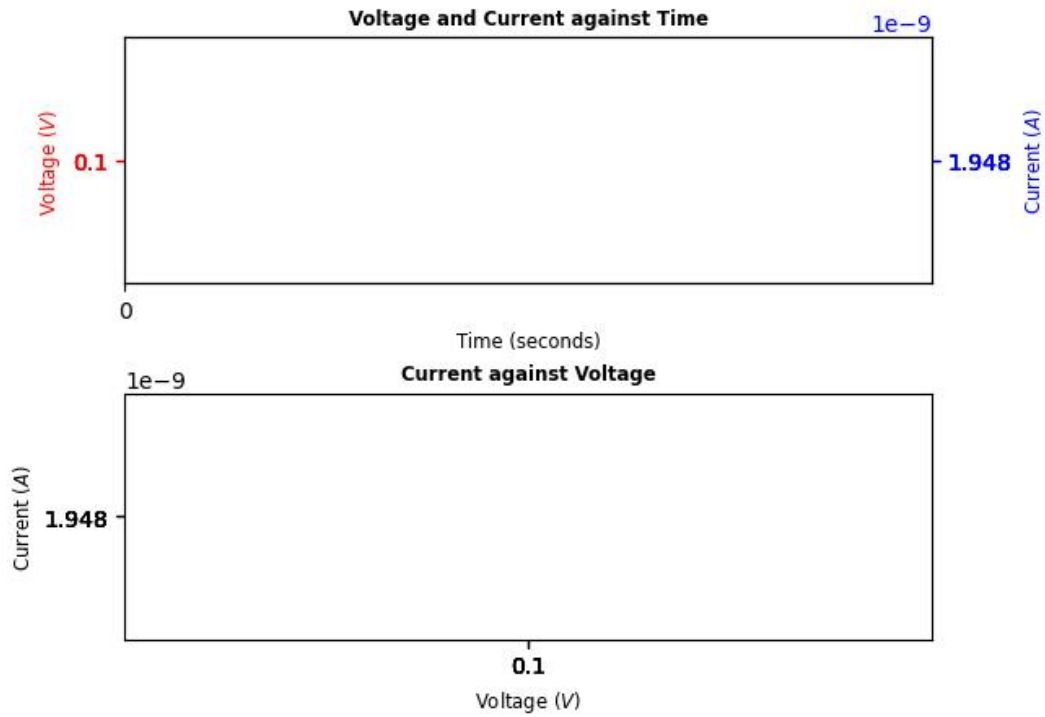
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

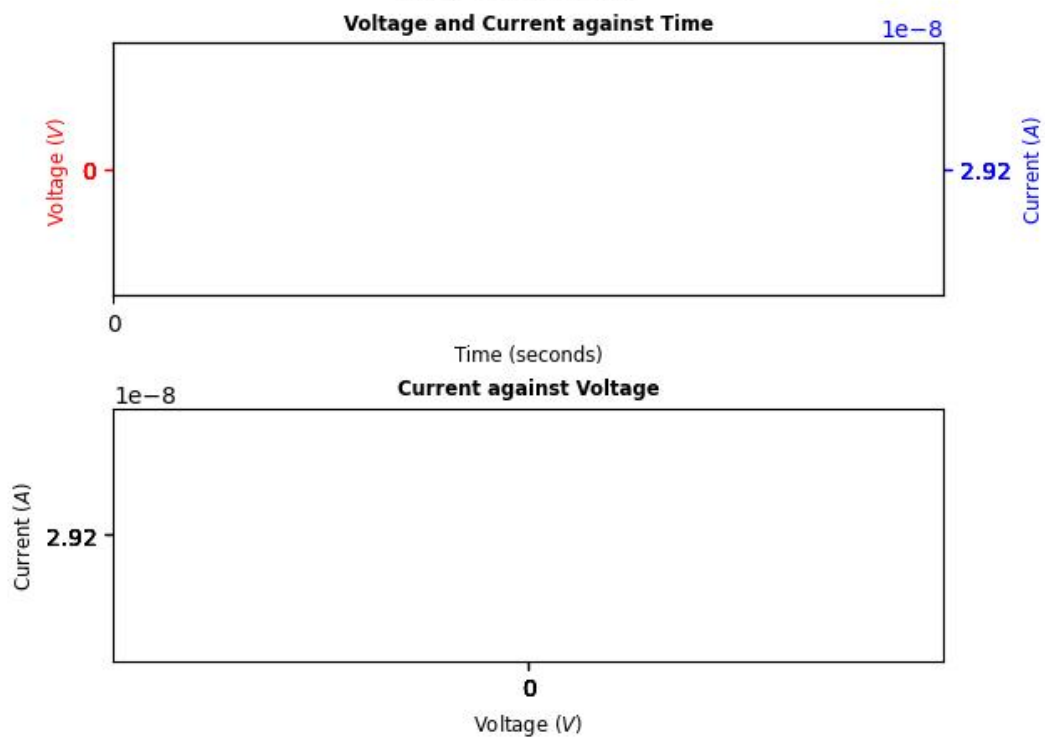
Comments = Not conductive State: Reset\*



## Probe A plots



## Probe B plots



Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

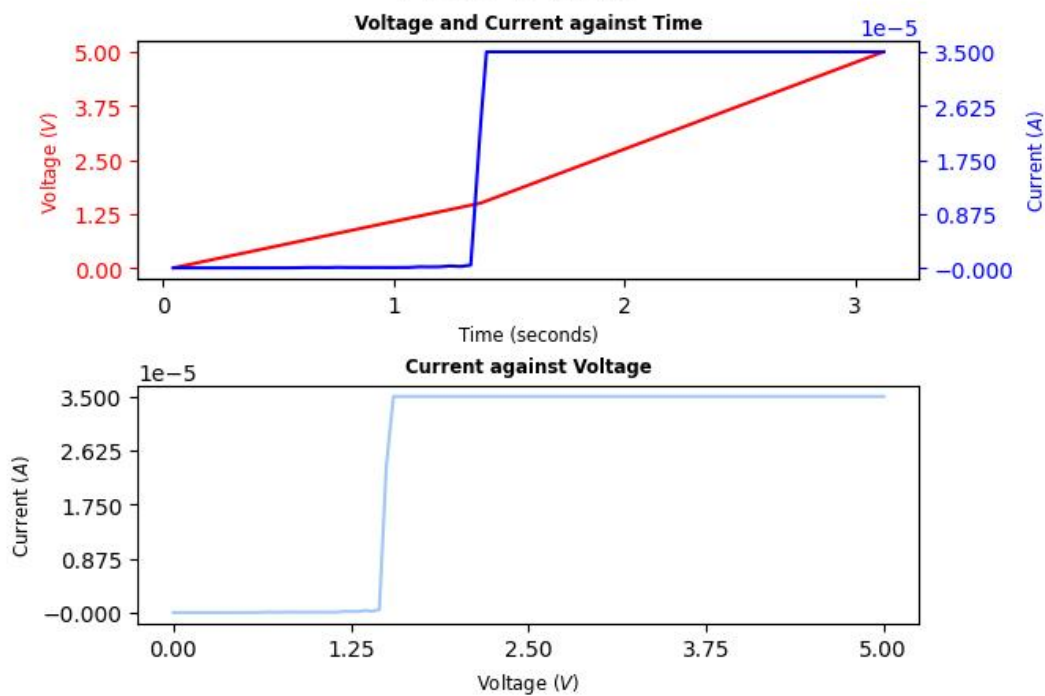
Platinum Voltage =

Copper Voltage =

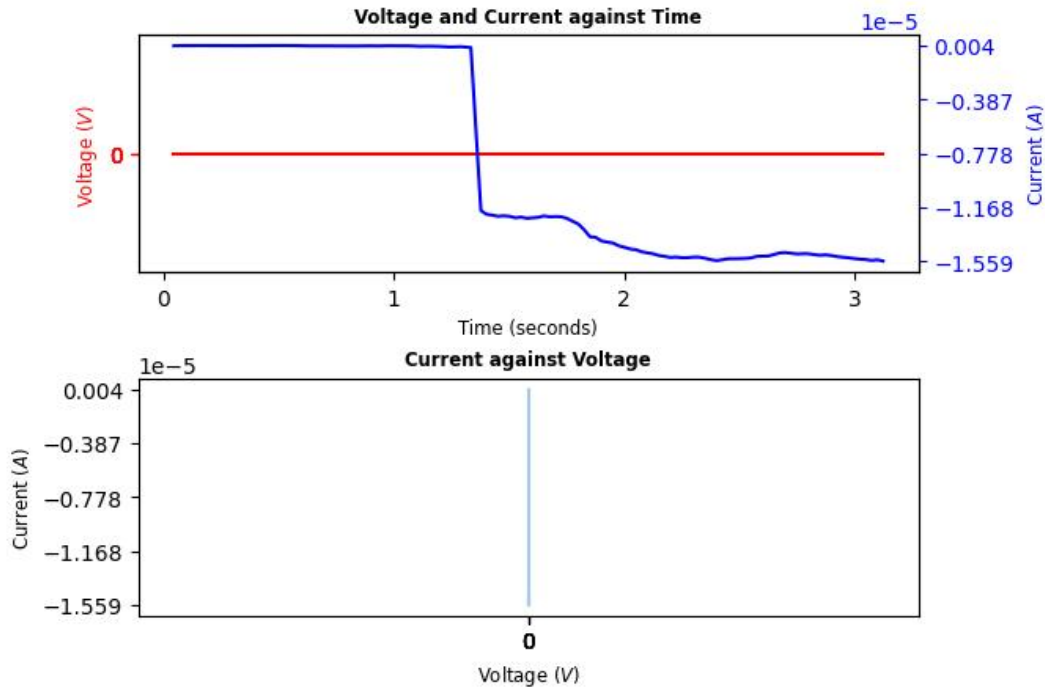
Run Folder Name = <2 probe, so invalid>

Comments = Set at low voltage of 1.55

### Probe A plots



## Probe B plots



-----  
Stimulated at 03:12:40PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

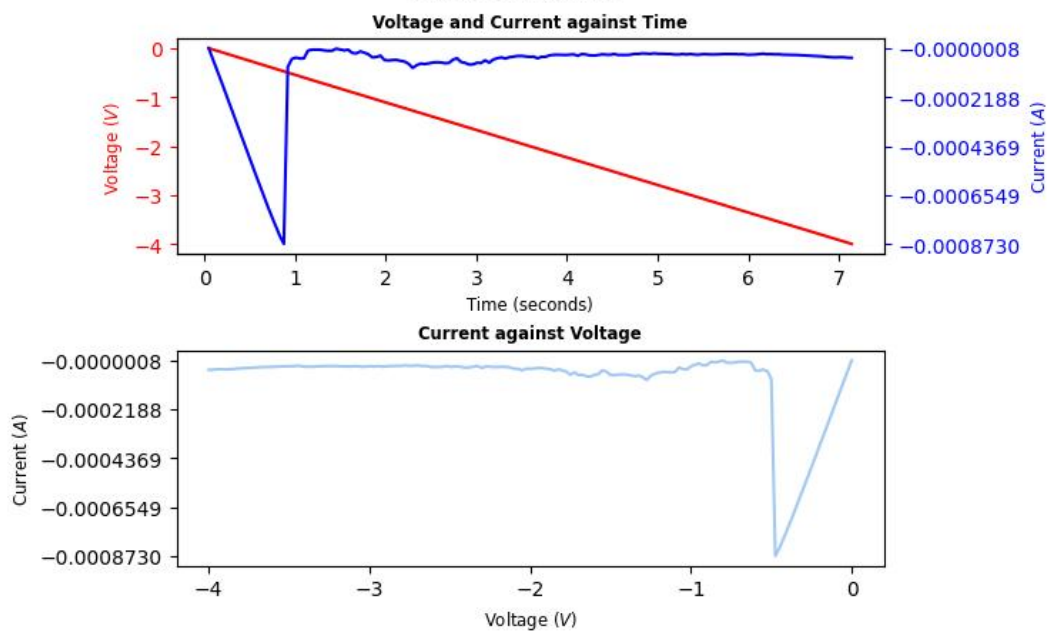
Platinum Voltage =

Copper Voltage =

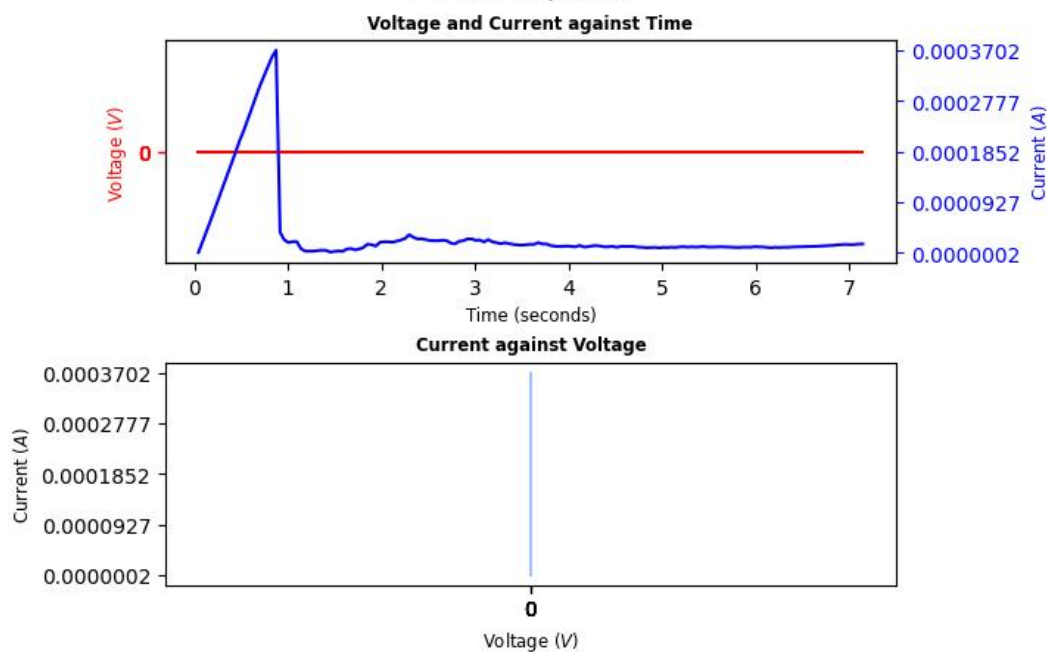
Run Folder Name = <2 probe, so invalid>

Comments = More normal

## Probe A plots



## Probe B plots



-----  
Stimulated at 03:13:04PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

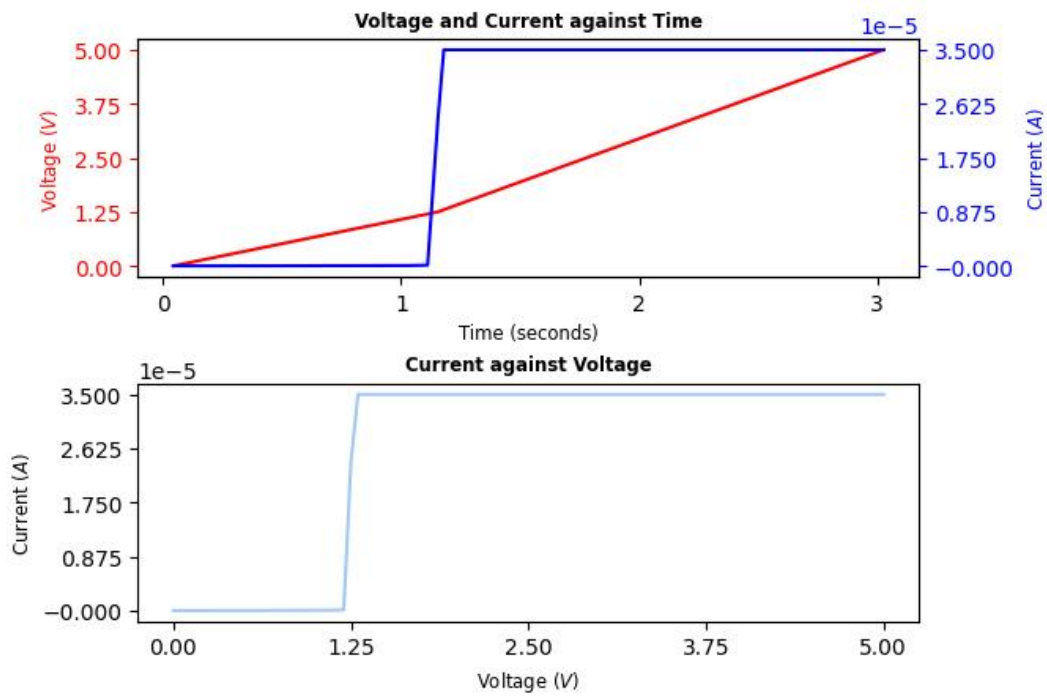
Platinum Voltage =

Copper Voltage =

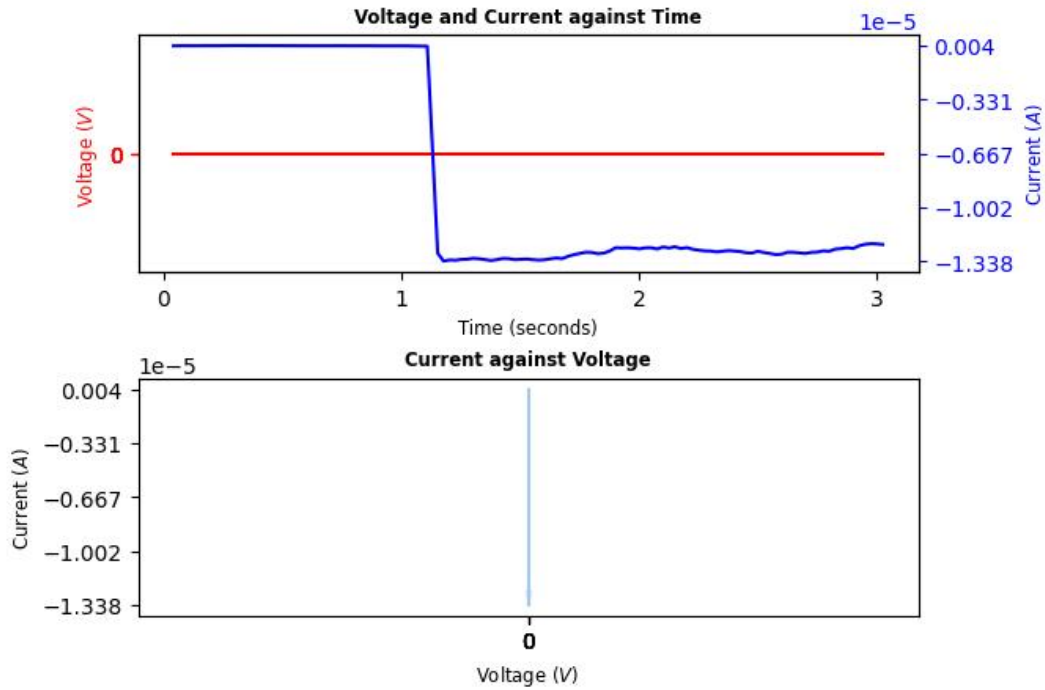
Run Folder Name = <2 probe, so invalid>

Comments = Set at low voltage

## Probe A plots



## Probe B plots



-----  
Stimulated at 03:20:03PM on 2022/April/05

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 = 40.0uA

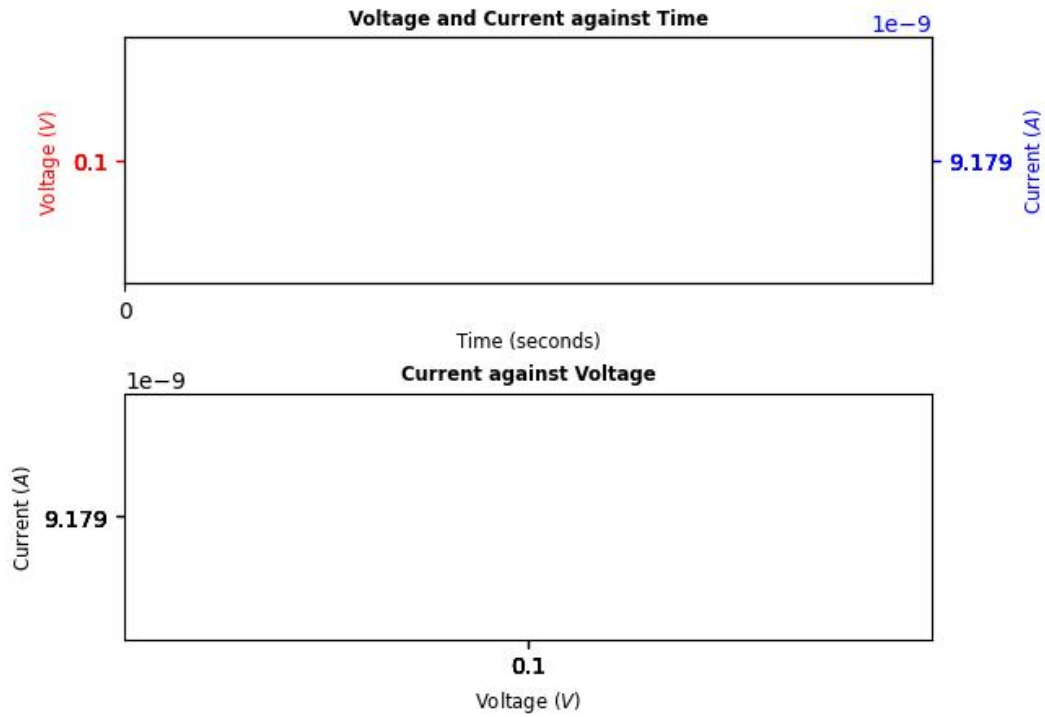
Platinum Voltage = 0V

Copper Voltage = 0.100V

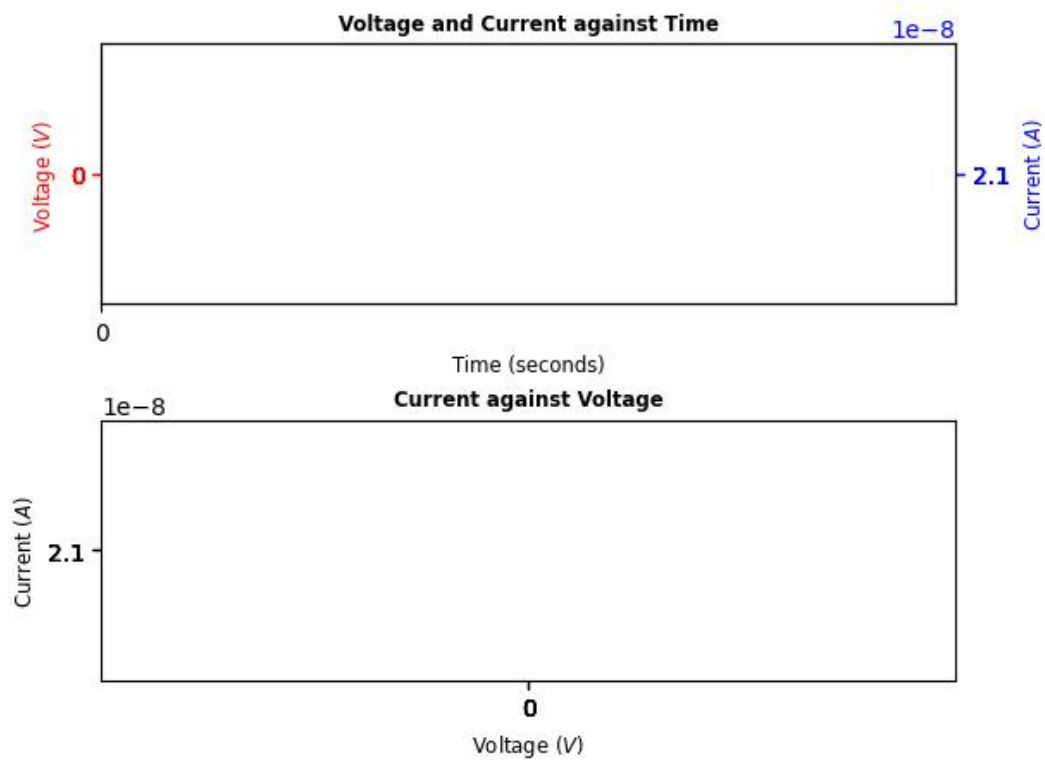
Run Folder Name = <2 probe, so invalid>

Comments = Reset State: Reset\*

## Probe A plots



## Probe B plots



-----

Stimulated at 03:21:50PM on 2022/April/05

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>

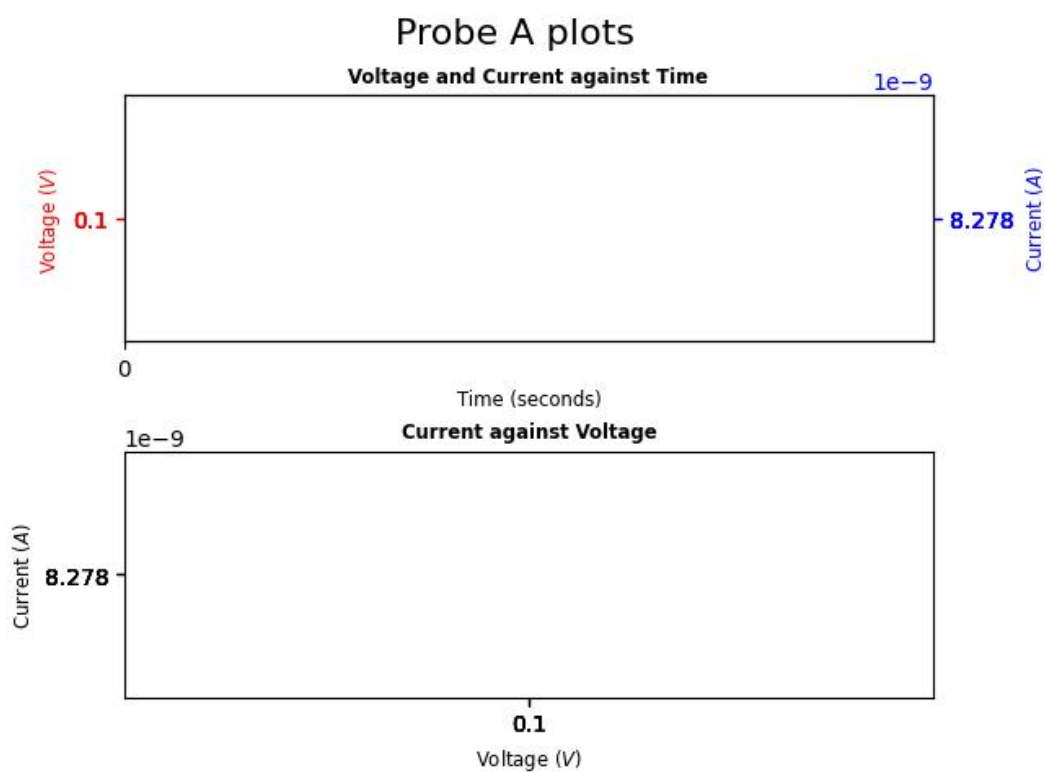
Compliance Current = 40.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V

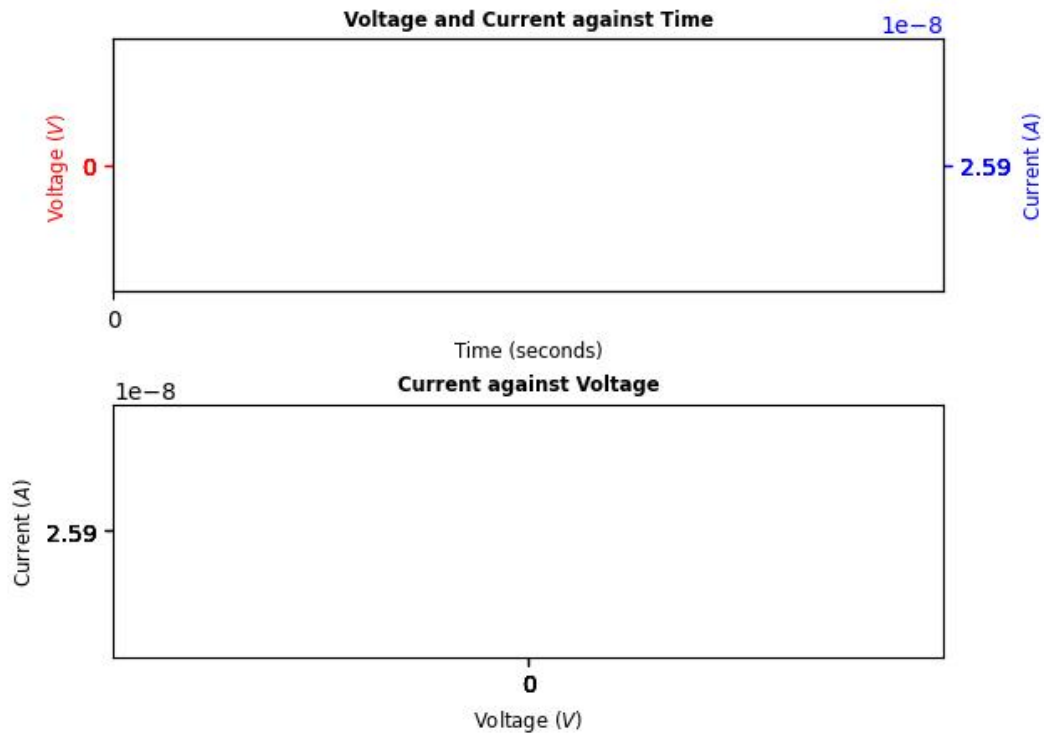
Run Folder Name = <2 probe, so invalid>

Comments = Not set State: Reset\*





## Probe B plots



-----  
Stimulated at 03:23:03PM on 2022/April/05

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 = 40.0uA

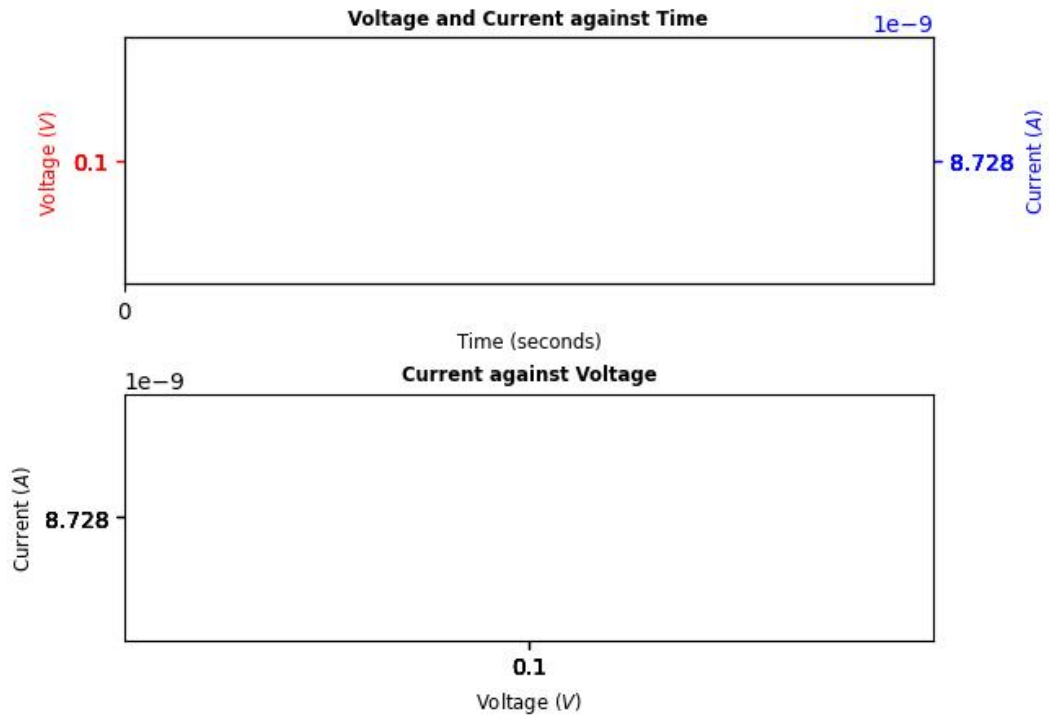
Platinum Voltage = 0V

Copper Voltage = 0.100V

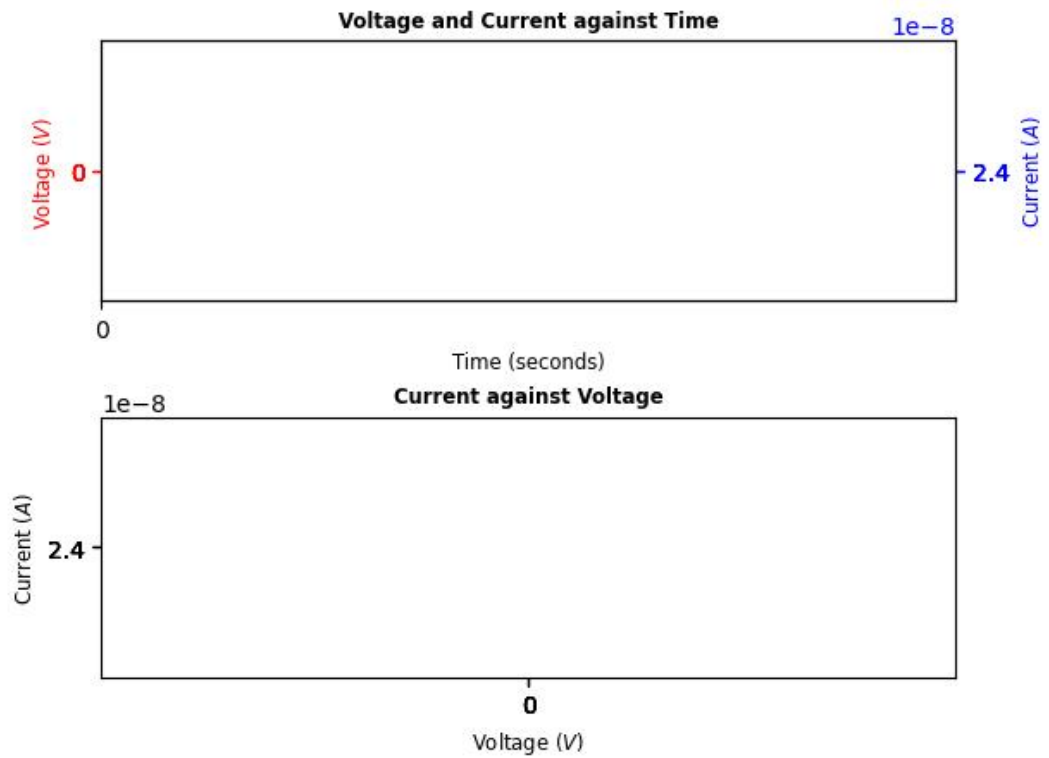
Run Folder Name = <2 probe, so invalid>

Comments = Not set State: Reset\*

## Probe A plots



## Probe B plots



-----

Stimulated at 03:23:43PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

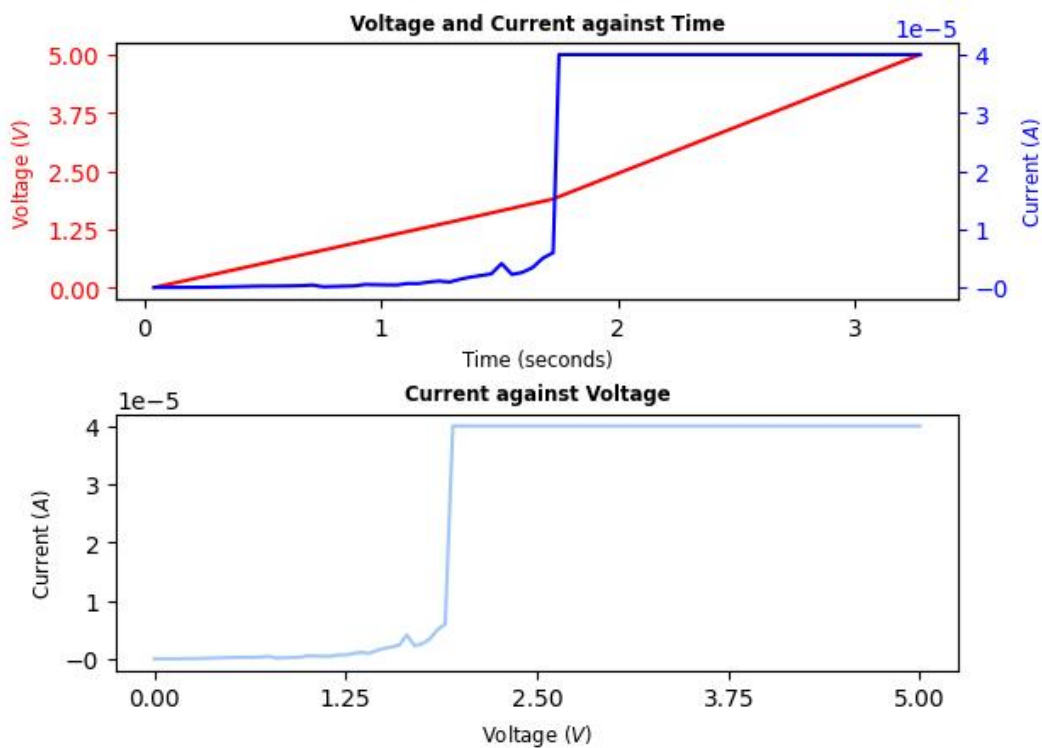
Platinum Voltage =

Copper Voltage =

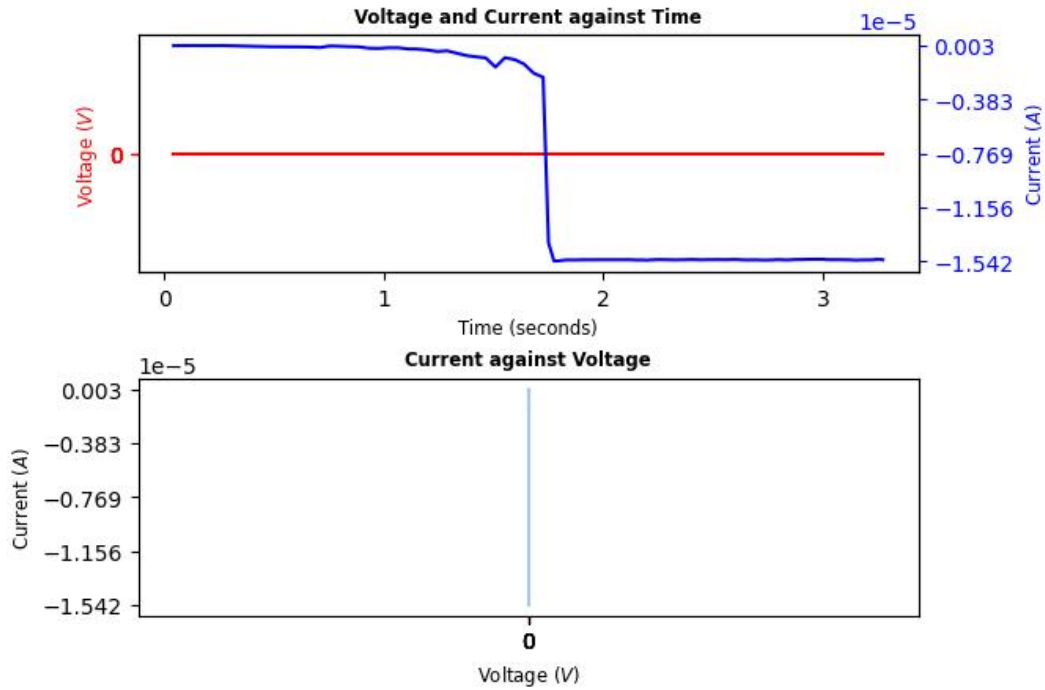
Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.95

## Probe A plots



## Probe B plots



-----  
Stimulated at 03:24:15PM on 2022/April/05

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 = 40.0uA

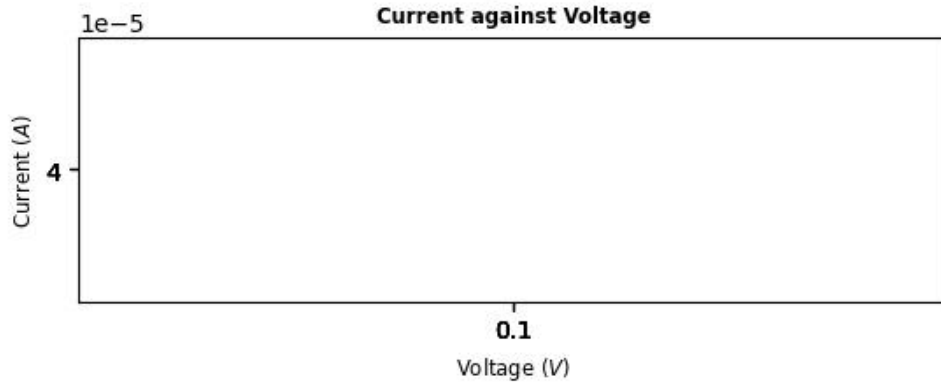
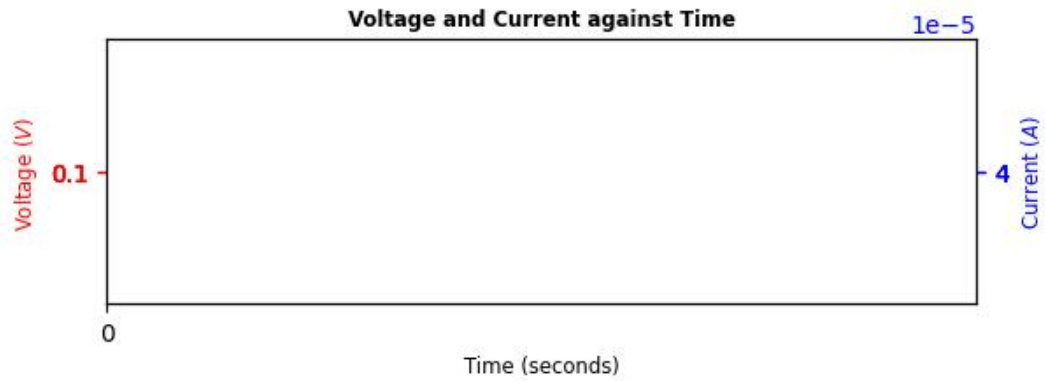
Platinum Voltage = 0V

Copper Voltage = 0.100V

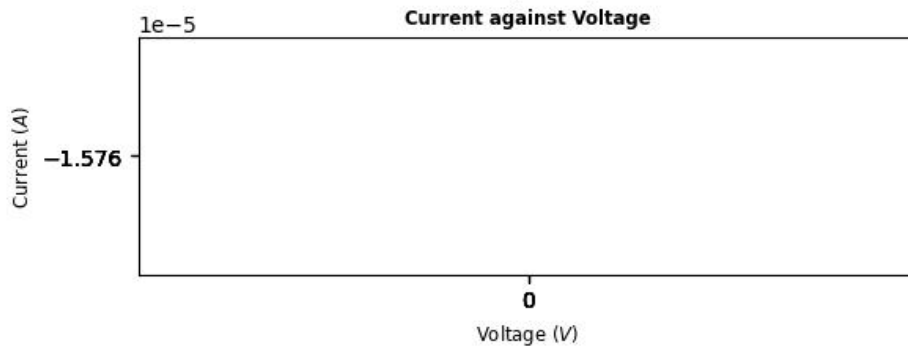
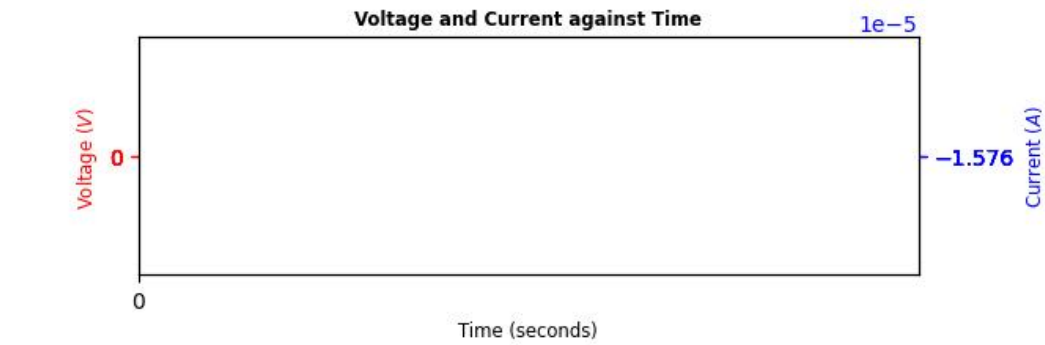
Run Folder Name = <2 probe, so invalid>

Comments = Set State: Set\*

## Probe A plots



## Probe B plots



Stimulated at 03:26:31PM on 2022/April/05

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>

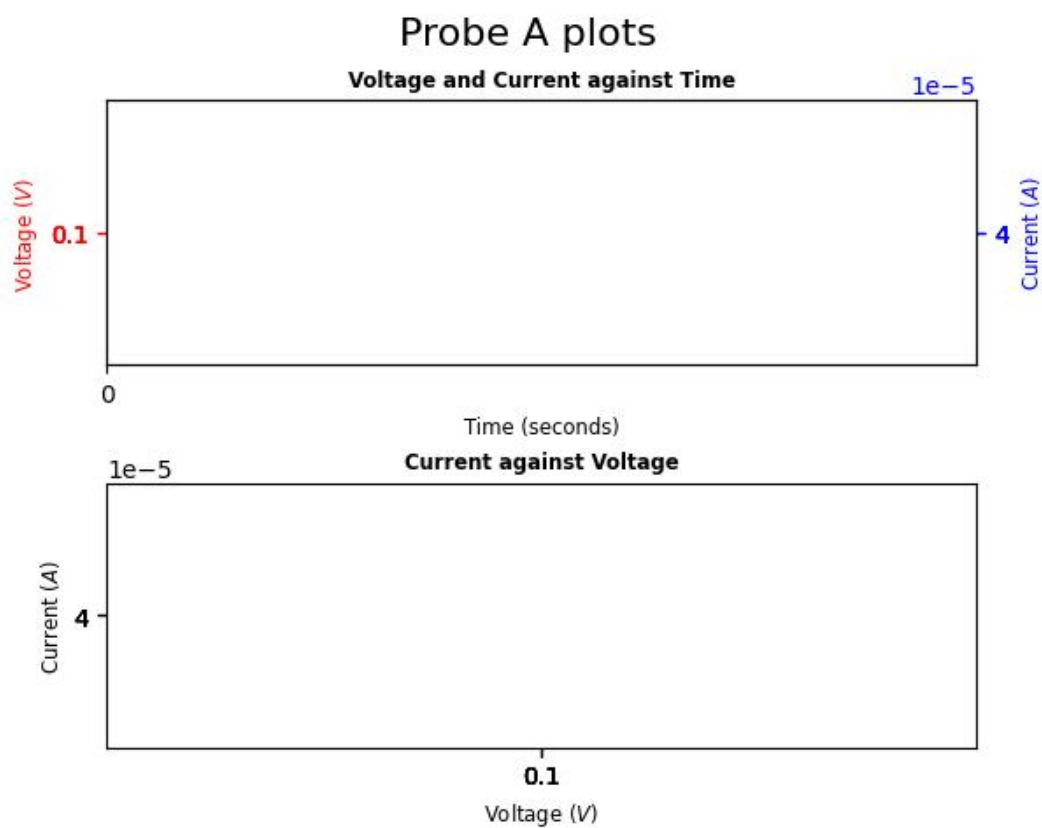
Compliance Current = 40.0uA

Platinum Voltage = 0V

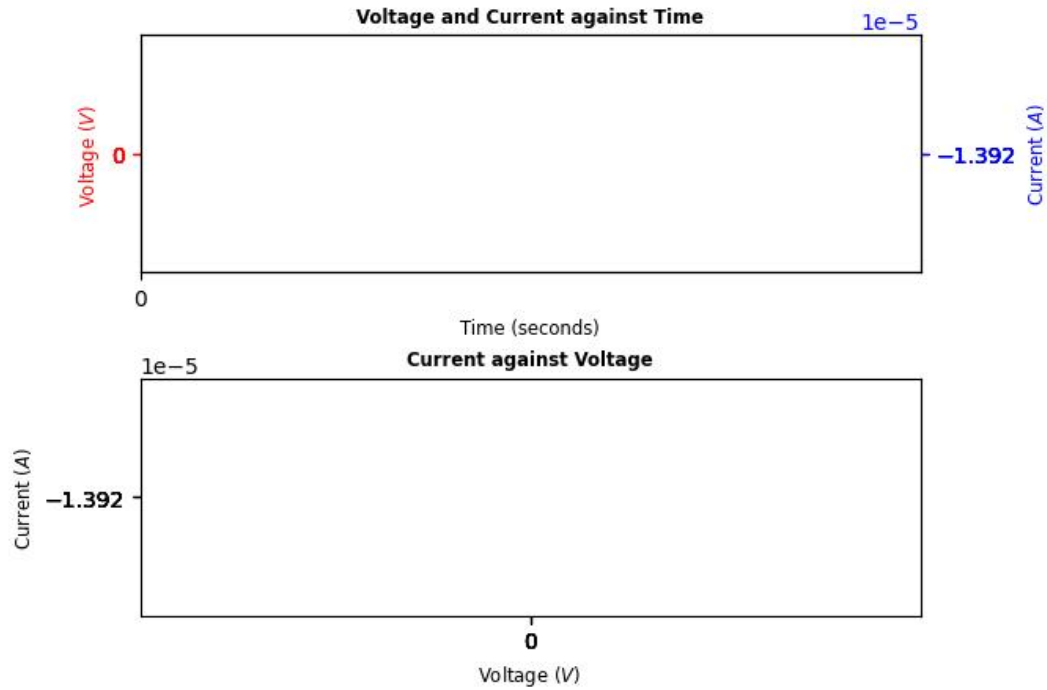
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Set State: Set\*



## Probe B plots



-----  
Stimulated at 03:27:47PM on 2022/April/05

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

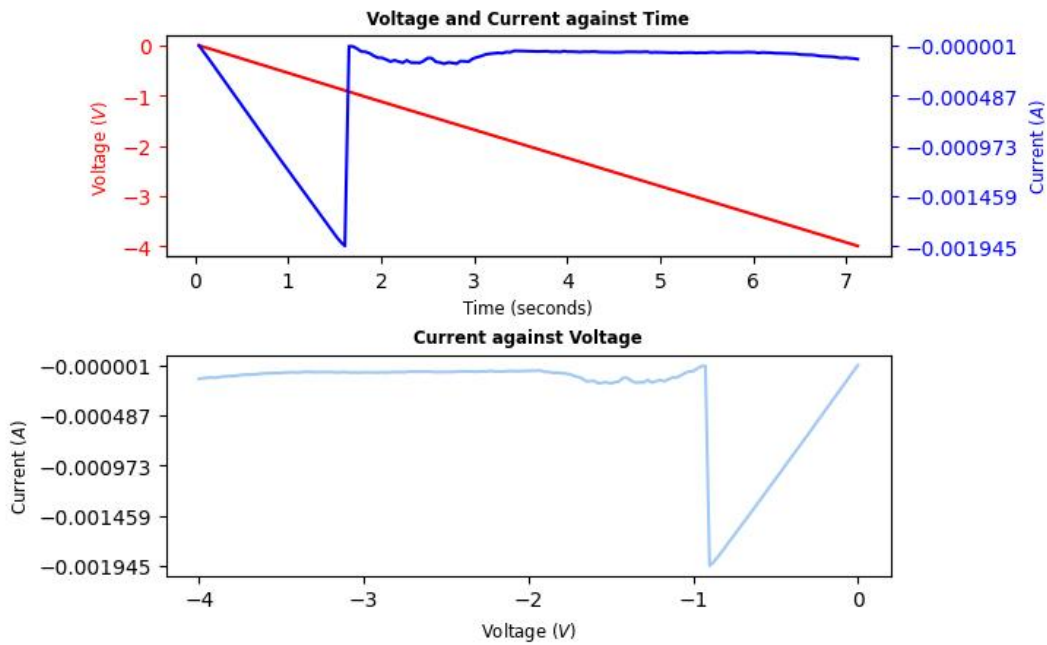
Platinum Voltage =

Copper Voltage =

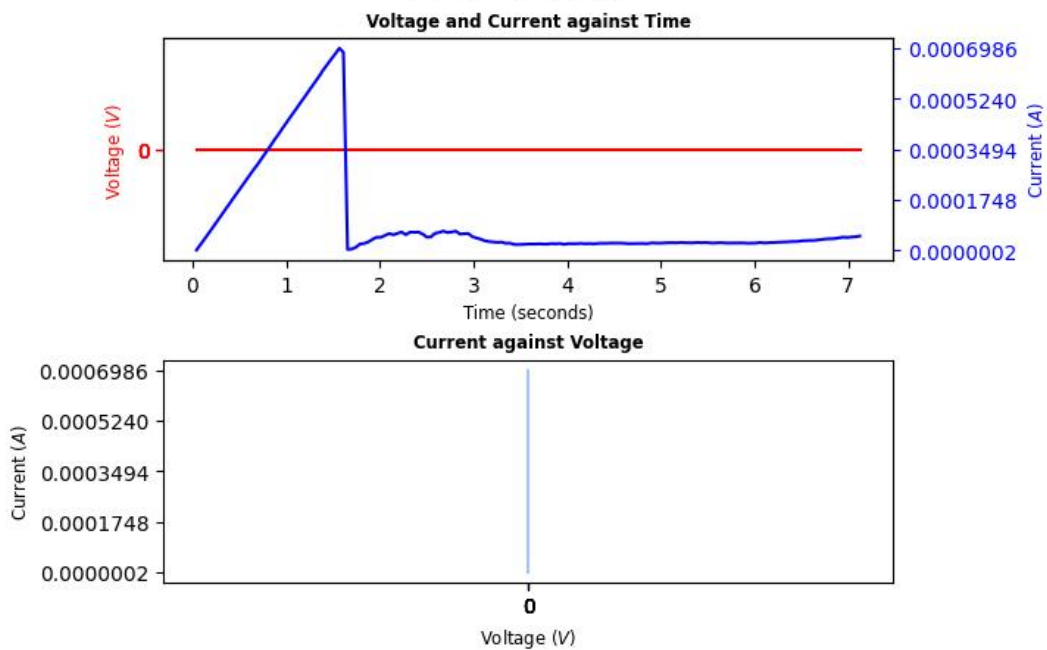
Run Folder Name = <2 probe, so invalid>

Comments = Did reset

## Probe A plots



## Probe B plots



-----  
 Stimulated at 03:28:03PM on 2022/April/05

Activity = set

Start Voltage = 0V

End Voltage = 5V



Ramp Rate = 1V/s

Compliance Current = 40.0uA

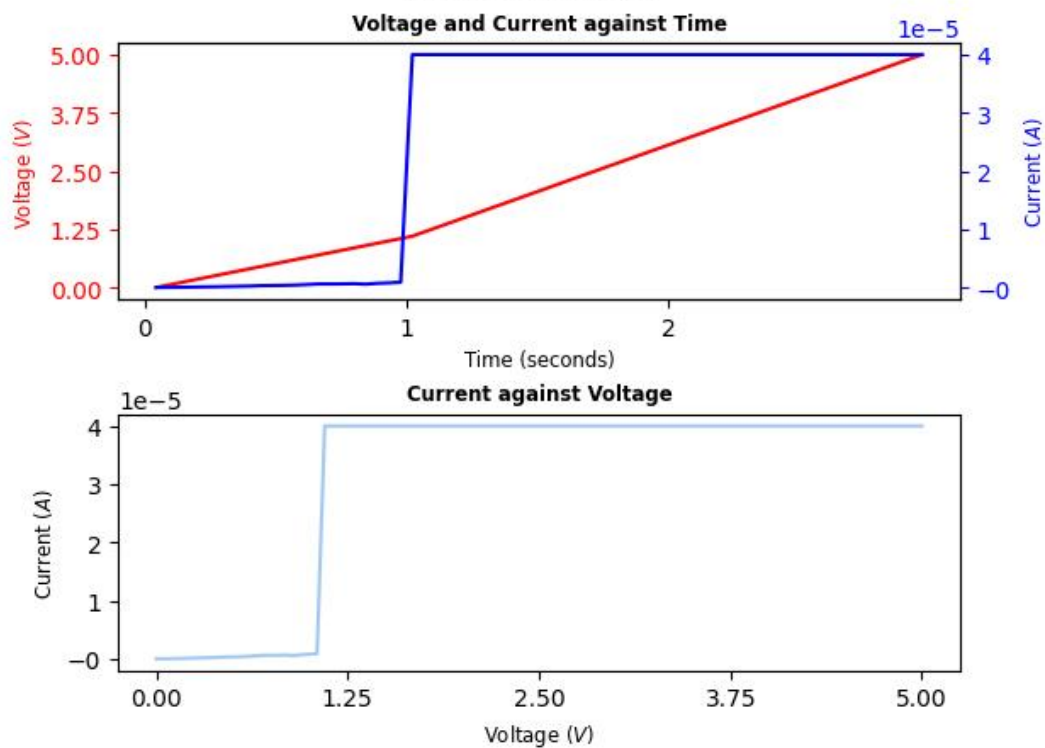
Platinum Voltage =

Copper Voltage =

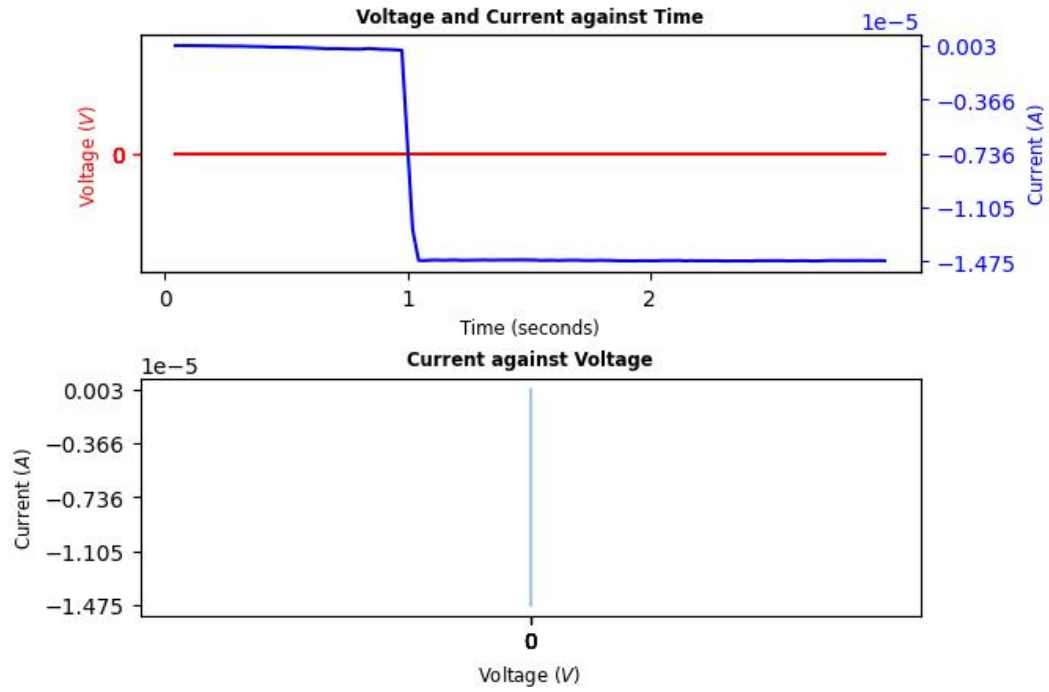
Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.1

## Probe A plots



## Probe B plots



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