

# (wafer2,0,7,-1,-1,0,1) Plots and Summary

- Cell Size = 10um
  - Number of Times Accessed = 38
  - Last Stimulated = 2022/March/28 at 04:56:29PM
- 

Stimulated at 04:55:37PM on 2022/March/25

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

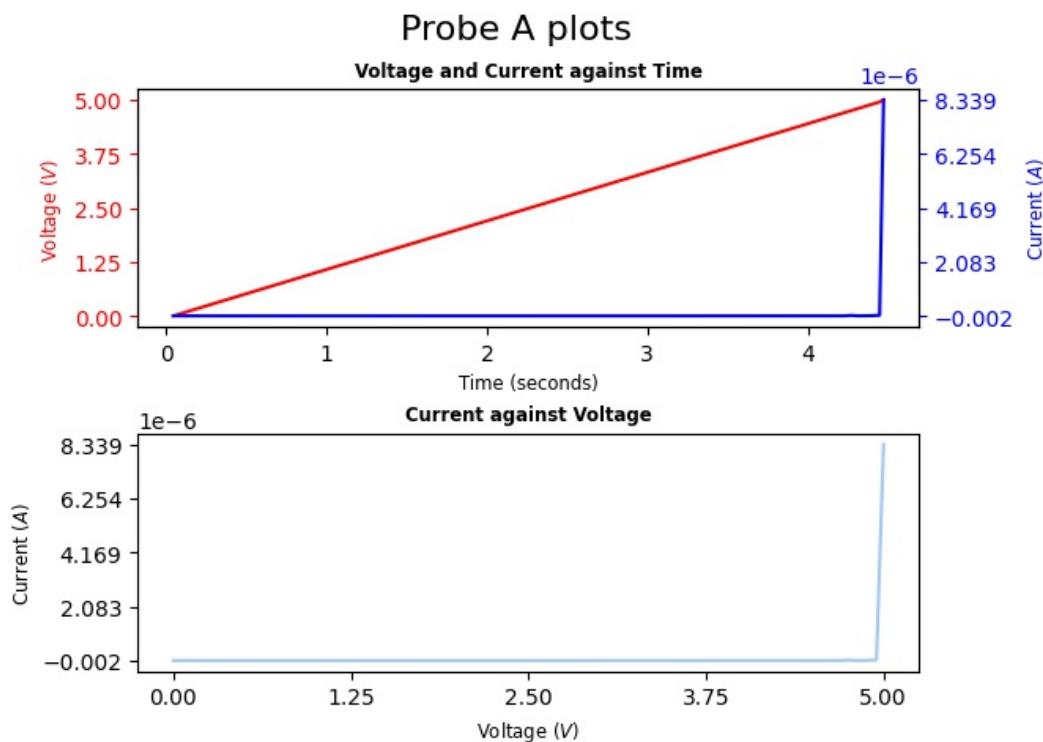
Compliance Current = 20.0uA

Platinum Voltage =

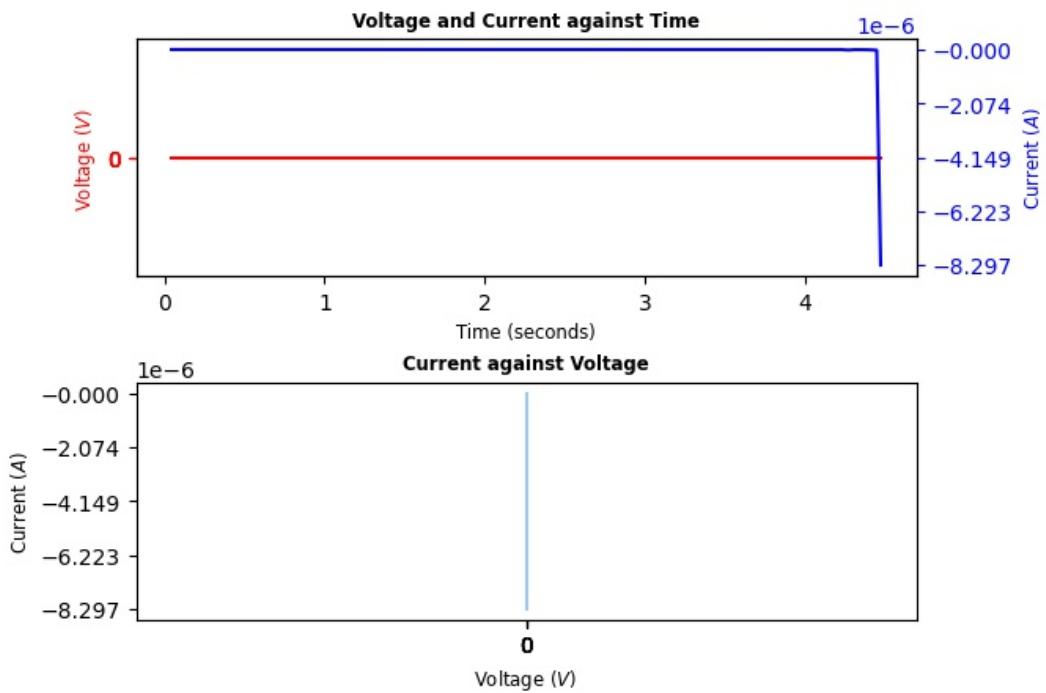
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set, but too high to tell accurately ~5V



### Probe B plots



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Stimulated at 04:56:27PM on 2022/March/25

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 = 20.0uA

Platinum Voltage = 0V

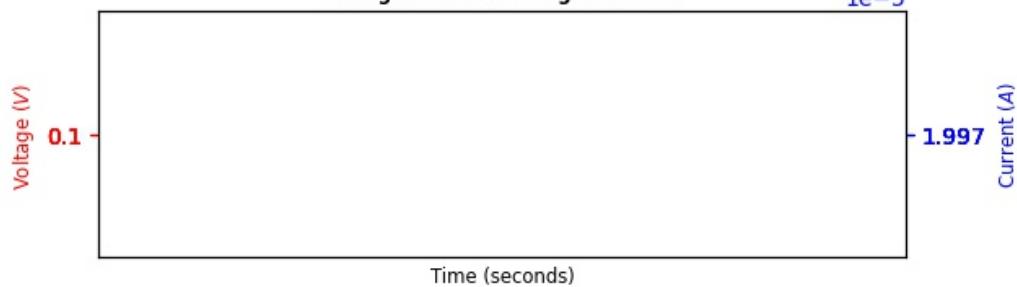
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

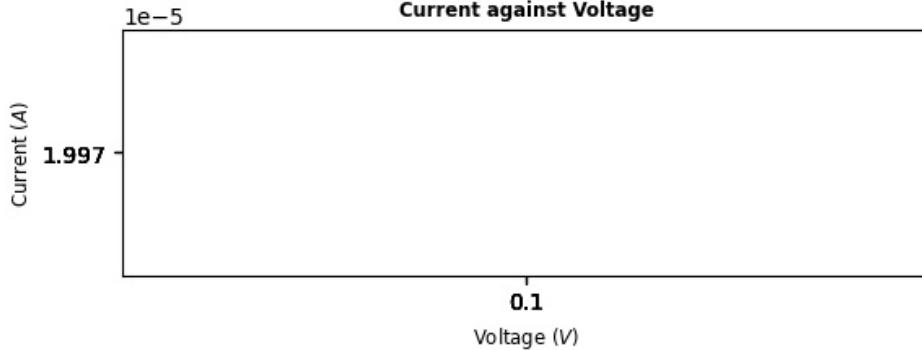
Comments = Set State: Set\*

### Probe A plots

Voltage and Current against Time



Current against Voltage

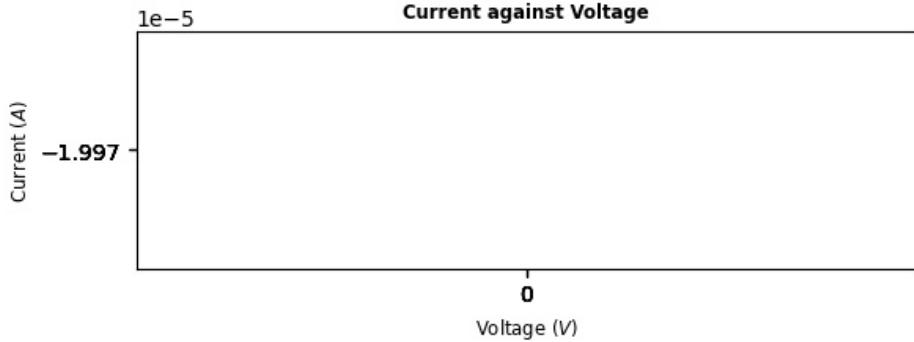


### Probe B plots

Voltage and Current against Time



Current against Voltage



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Stimulated at 04:57:52PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

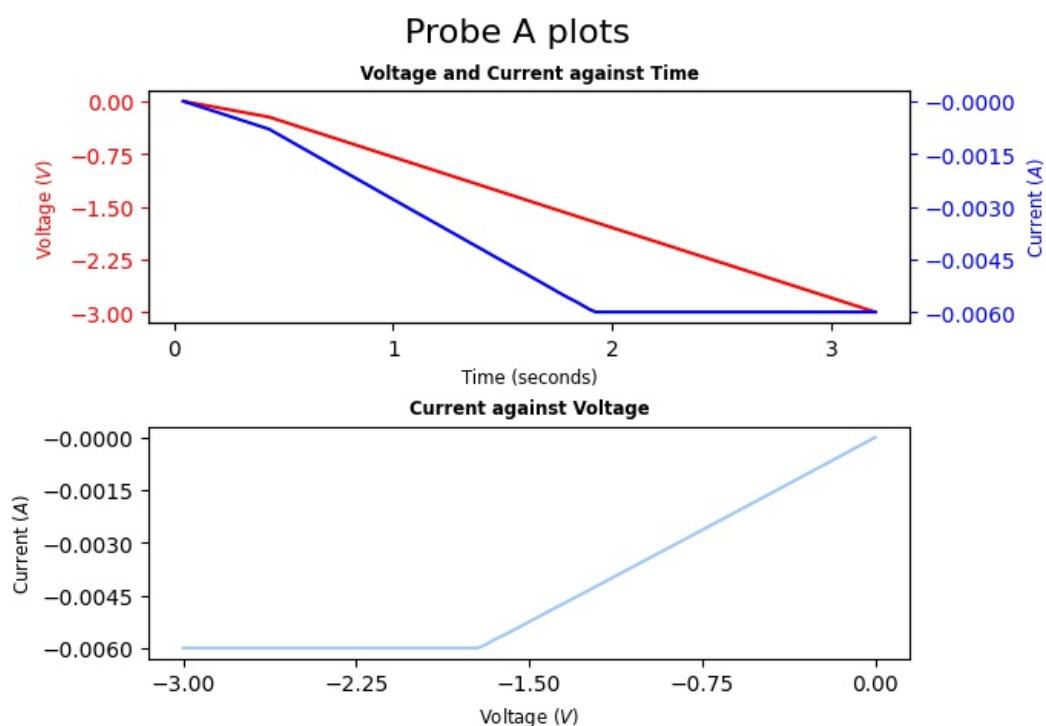
Compliance Current = 6.0mA

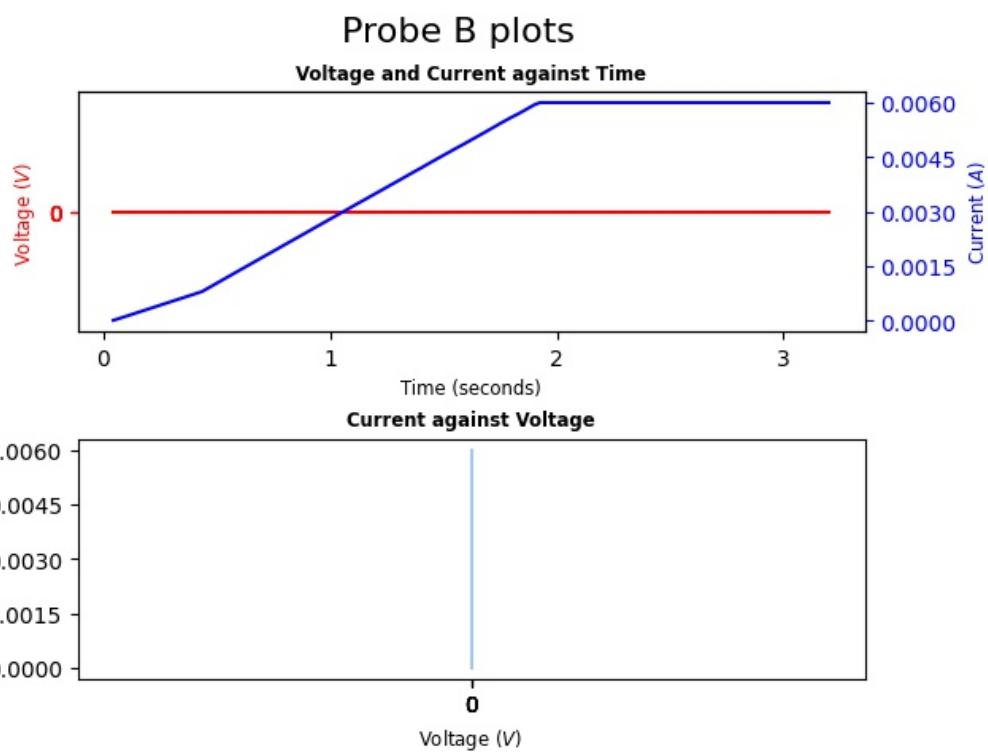
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not reset





Stimulated at 04:58:11PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

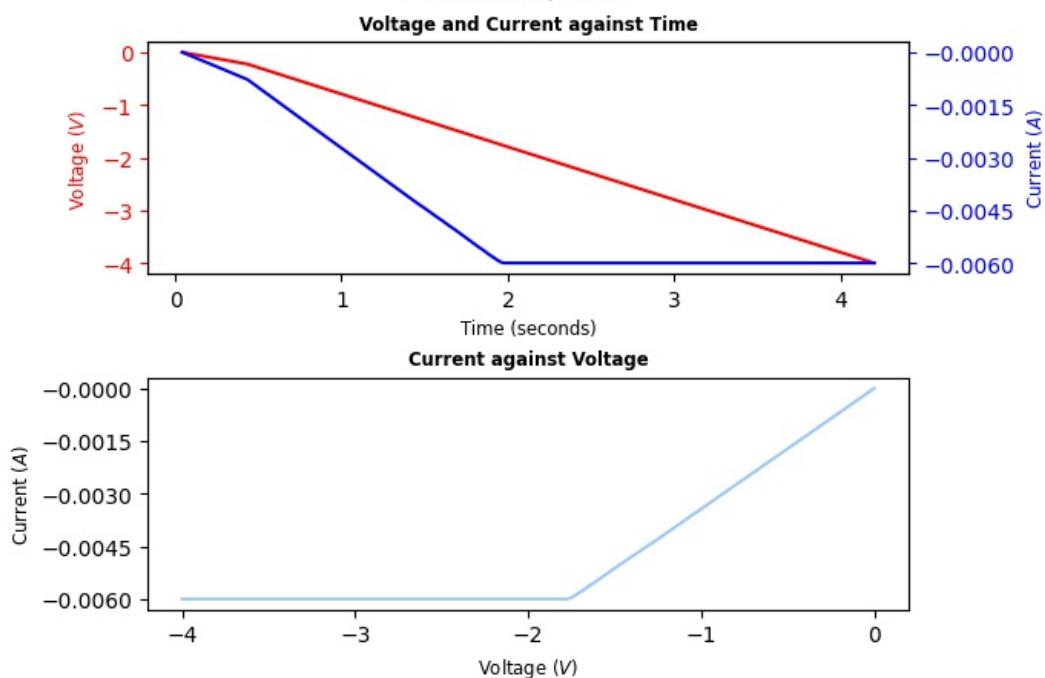
Platinum Voltage =

Copper Voltage =

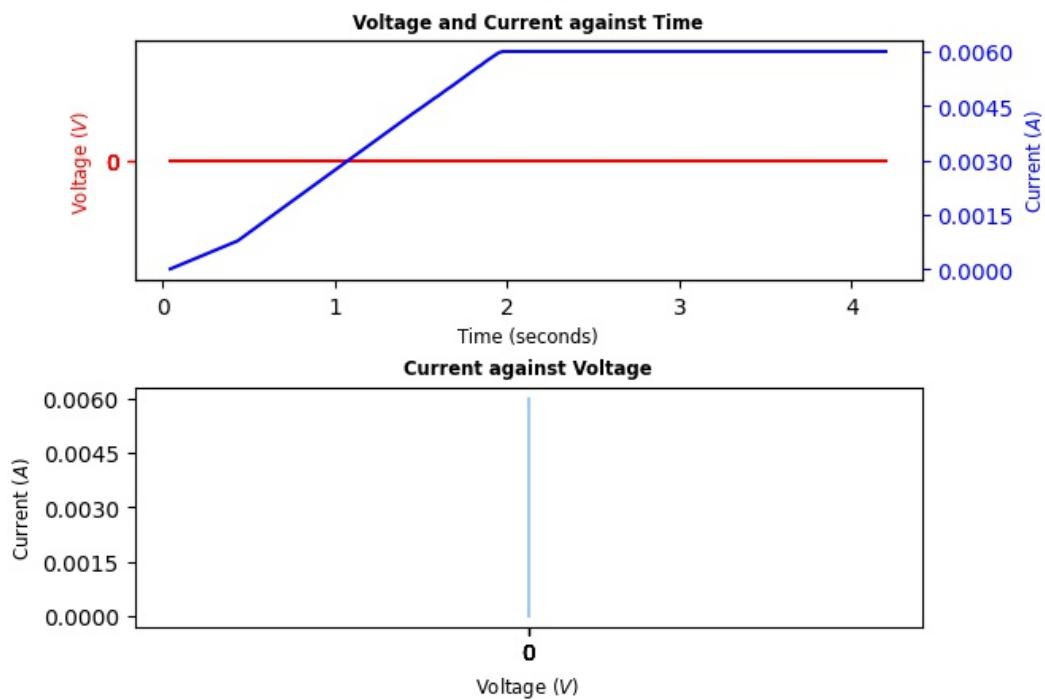
Run Folder Name = <2 probe, so invalid>

Comments = Did not reset again

### Probe A plots



### Probe B plots



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Stimulated at 04:58:30PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

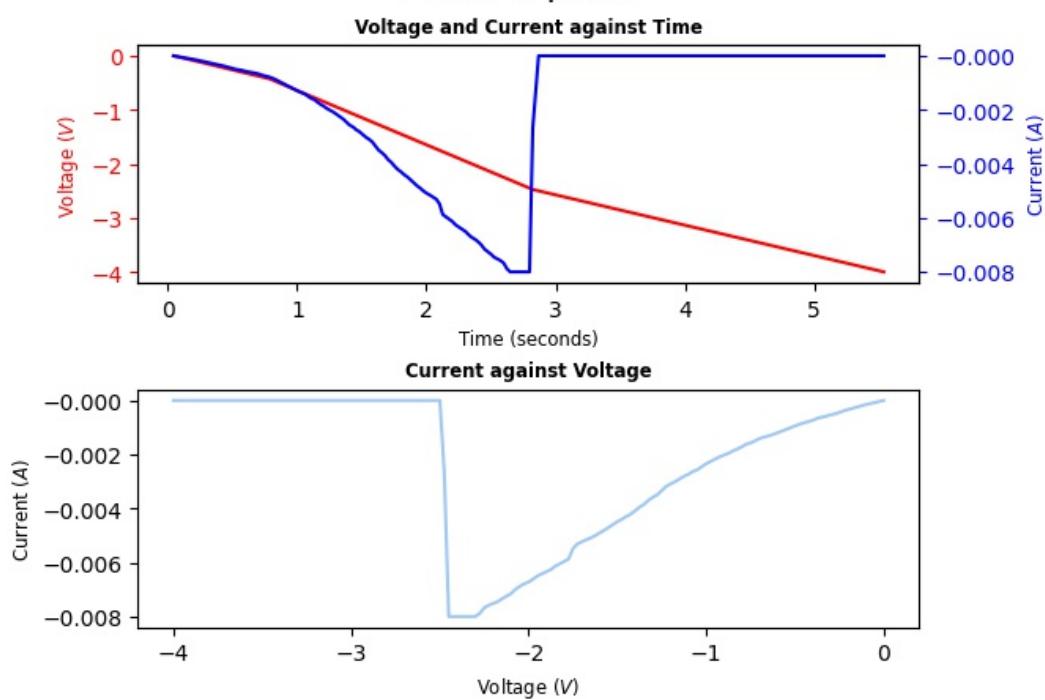
Platinum Voltage =

Copper Voltage =

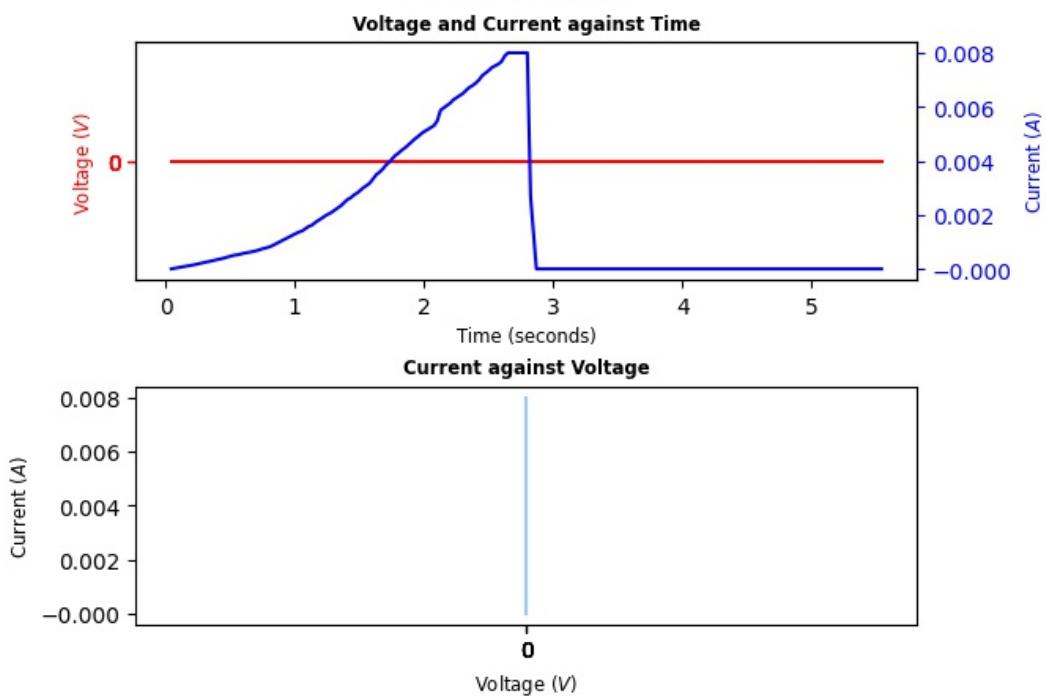
Run Folder Name = <2 probe, so invalid>

Comments = Did reset, slope not constant

### Probe A plots



## Probe B plots



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Stimulated at 04:59:44PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

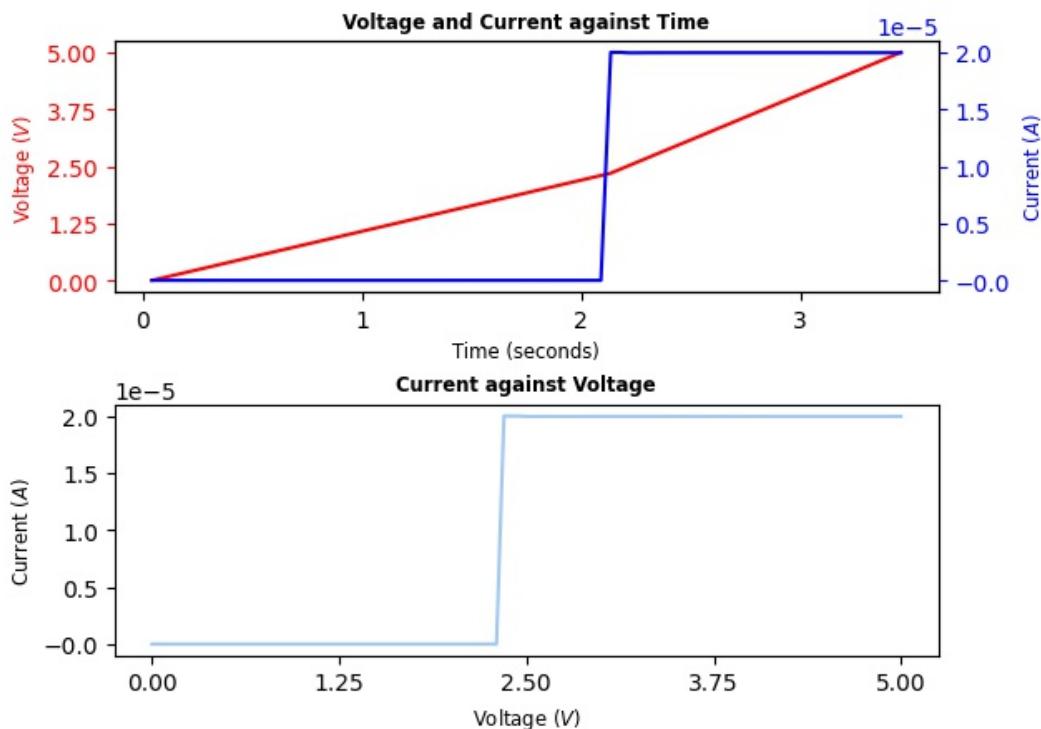
Platinum Voltage =

Copper Voltage =

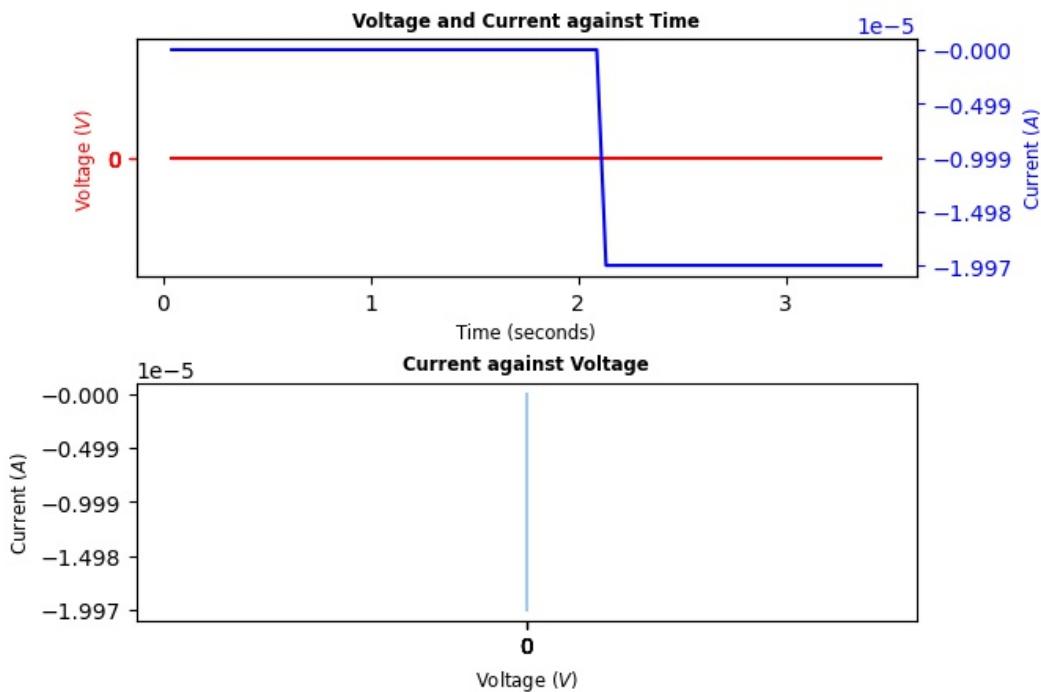
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.35V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

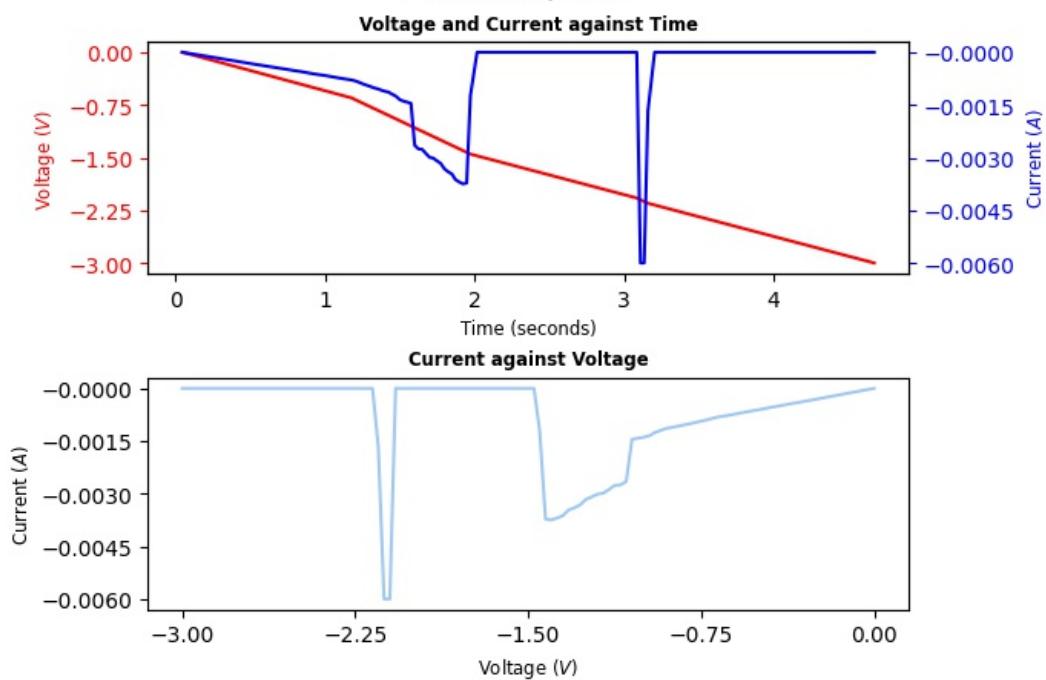
Platinum Voltage =

Copper Voltage =

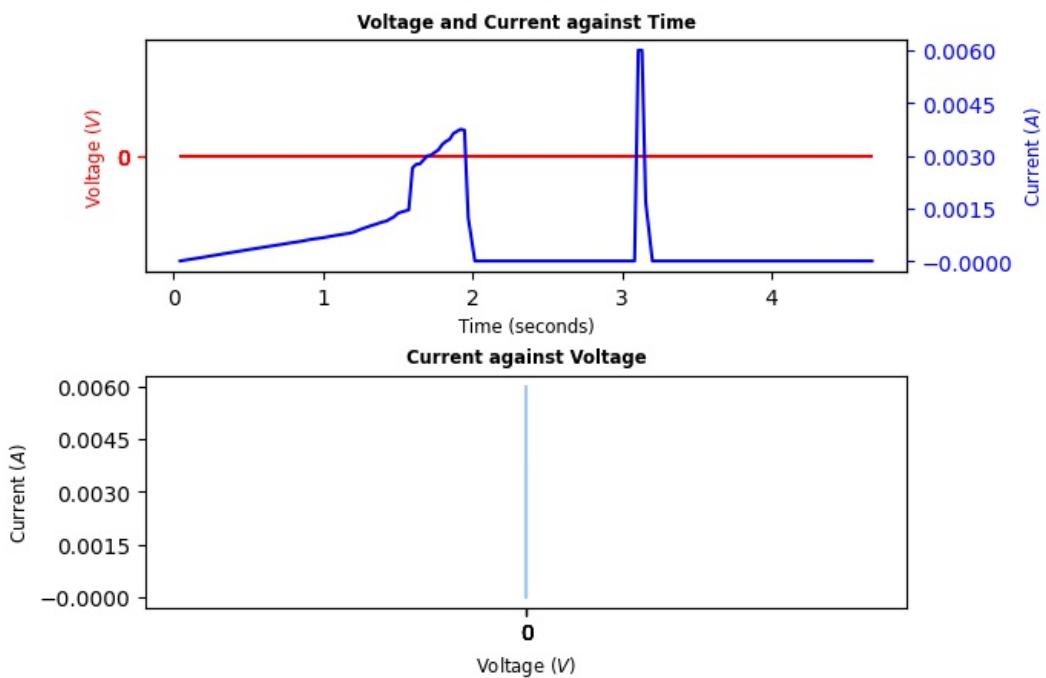
Run Folder Name = <2 probe, so invalid>

Comments = Did reset, but was erratic. rr not maintained

### Probe A plots



## Probe B plots



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Stimulated at 05:01:31PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

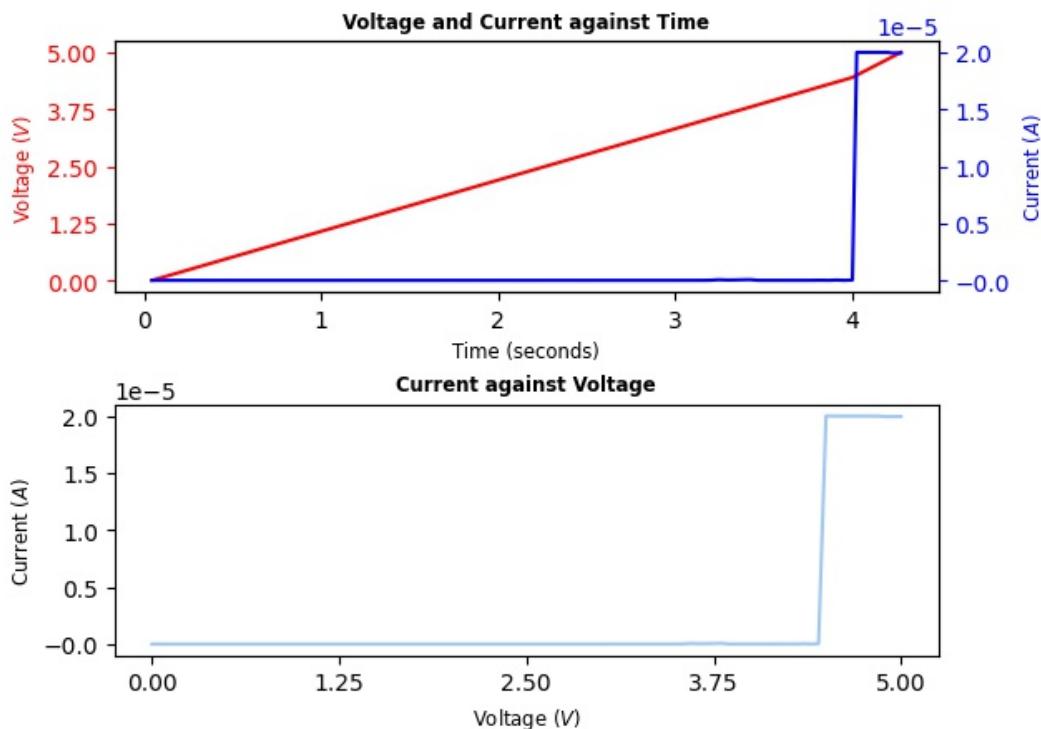
Platinum Voltage =

Copper Voltage =

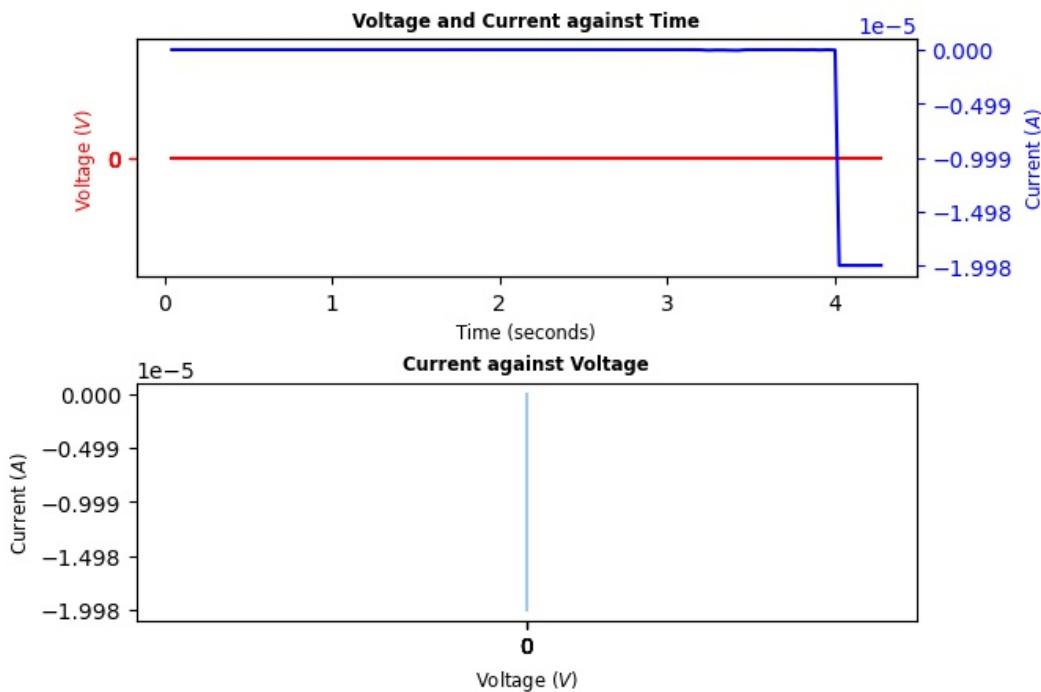
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4.50V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

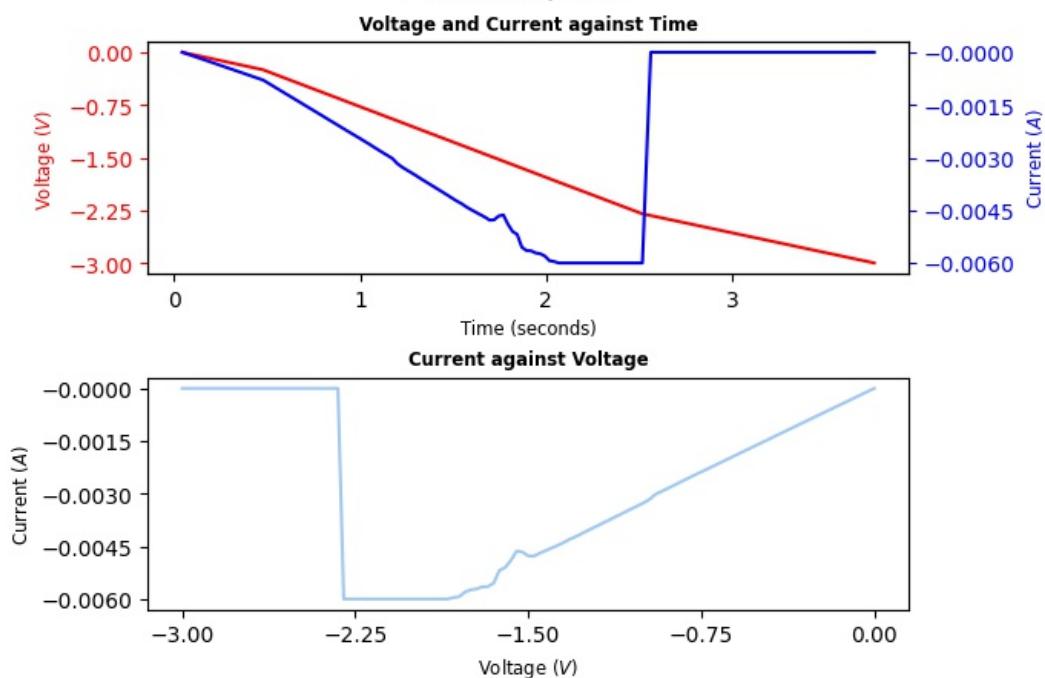
Platinum Voltage =

Copper Voltage =

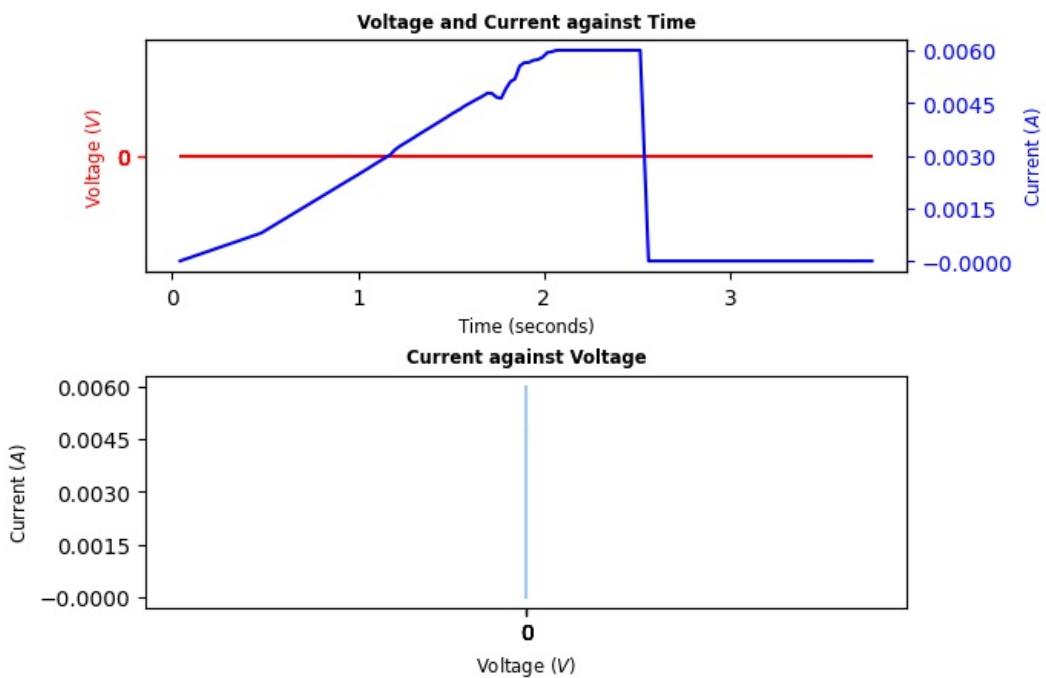
Run Folder Name = <2 probe, so invalid>

Comments = Reset, rr not maintained

### Probe A plots



## Probe B plots



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Stimulated at 05:03:10PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

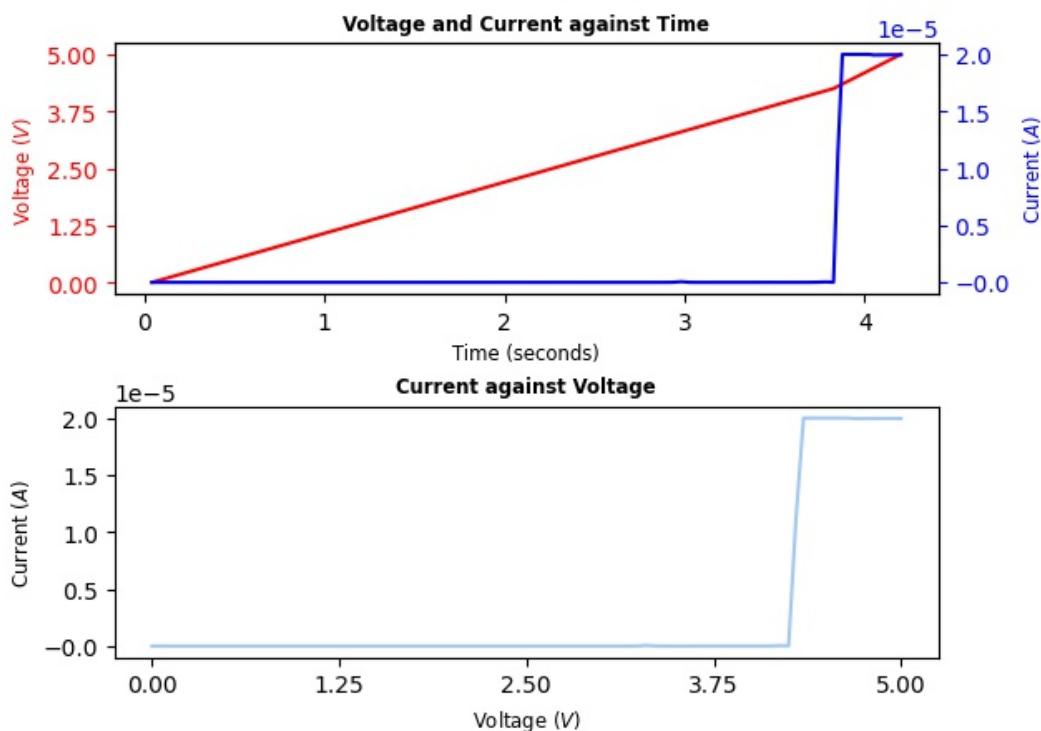
Platinum Voltage =

Copper Voltage =

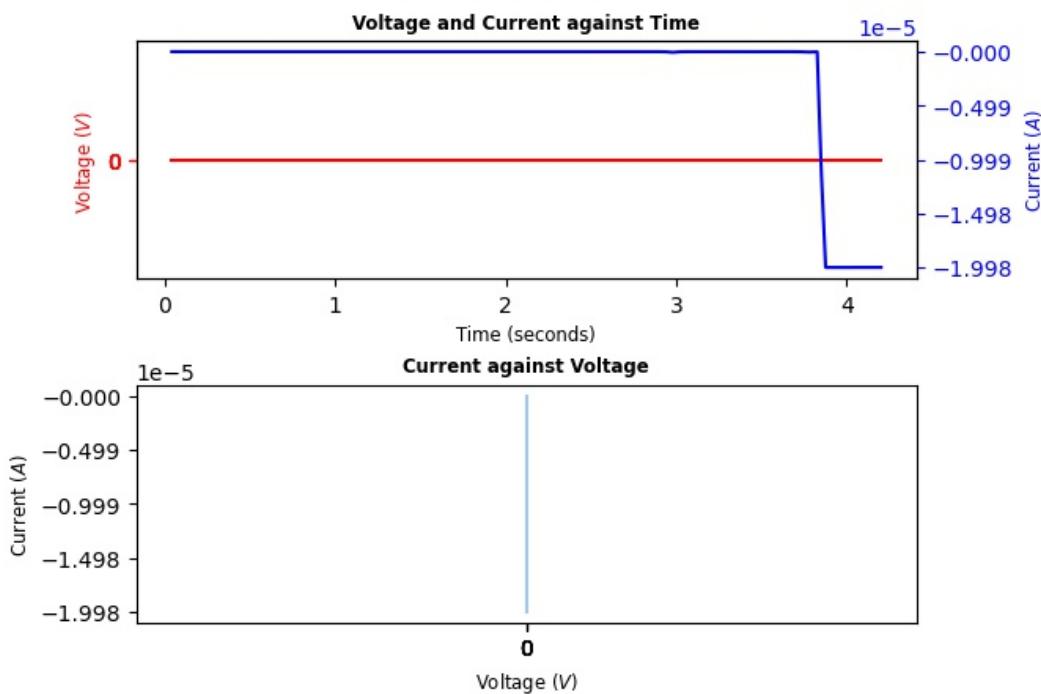
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4.35V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

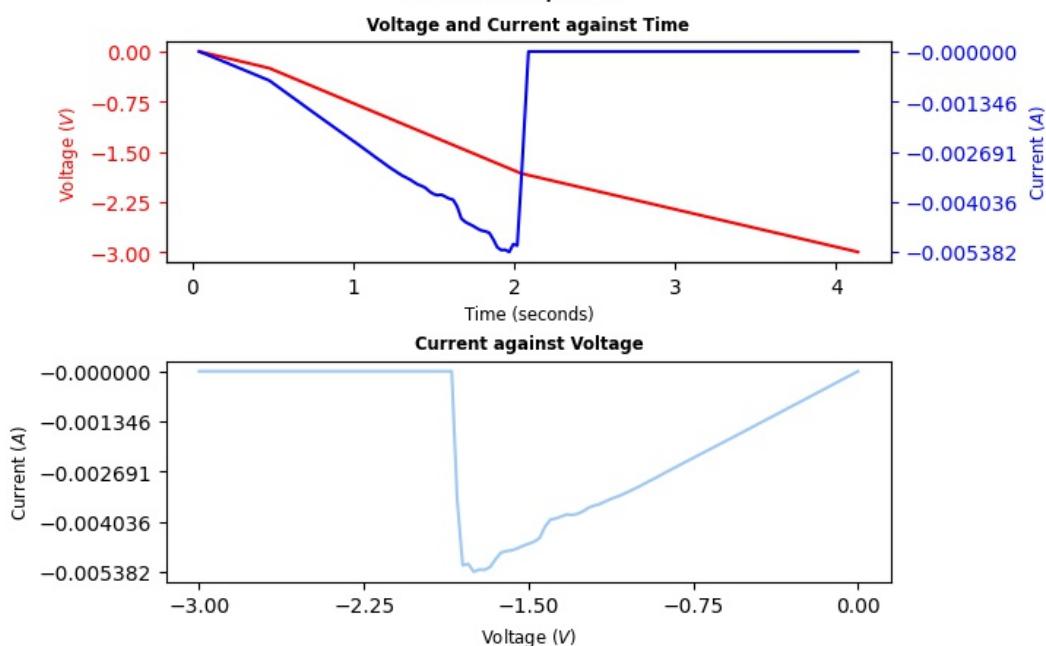
Platinum Voltage =

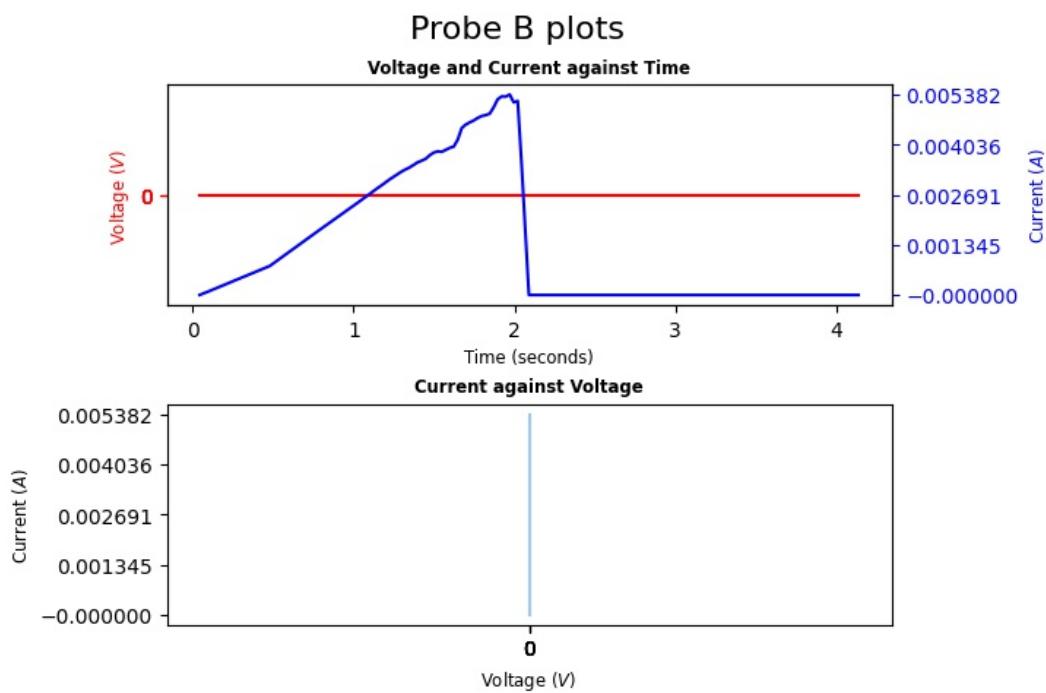
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, similar slope to previous reset

### Probe A plots





Stimulated at 05:51:10PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

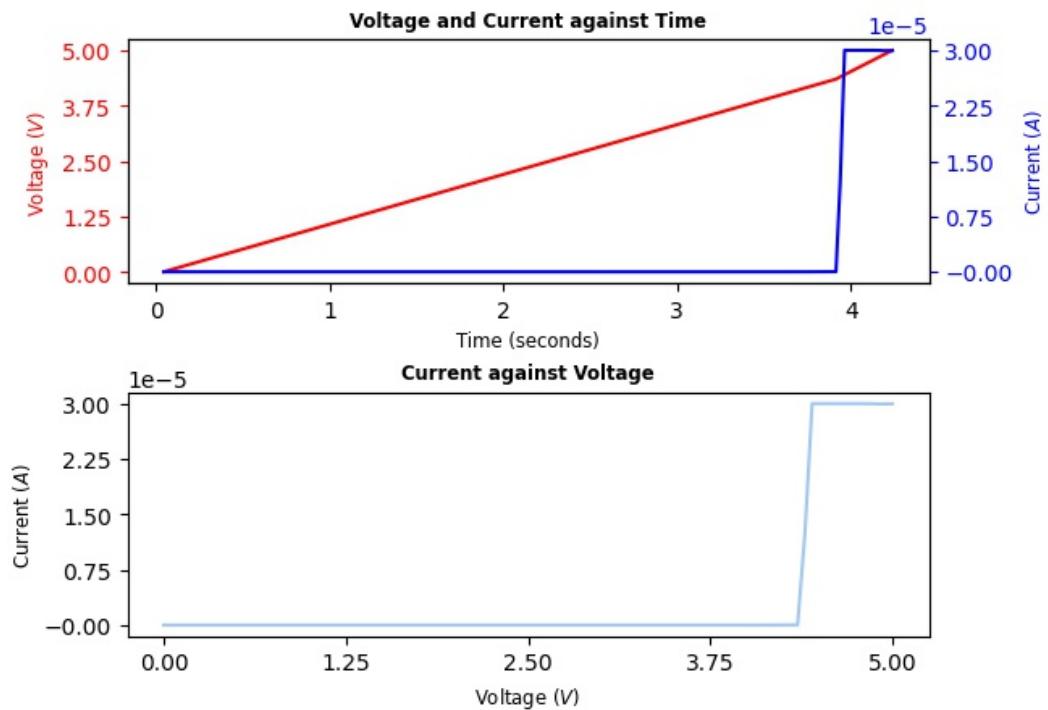
Platinum Voltage =

Copper Voltage =

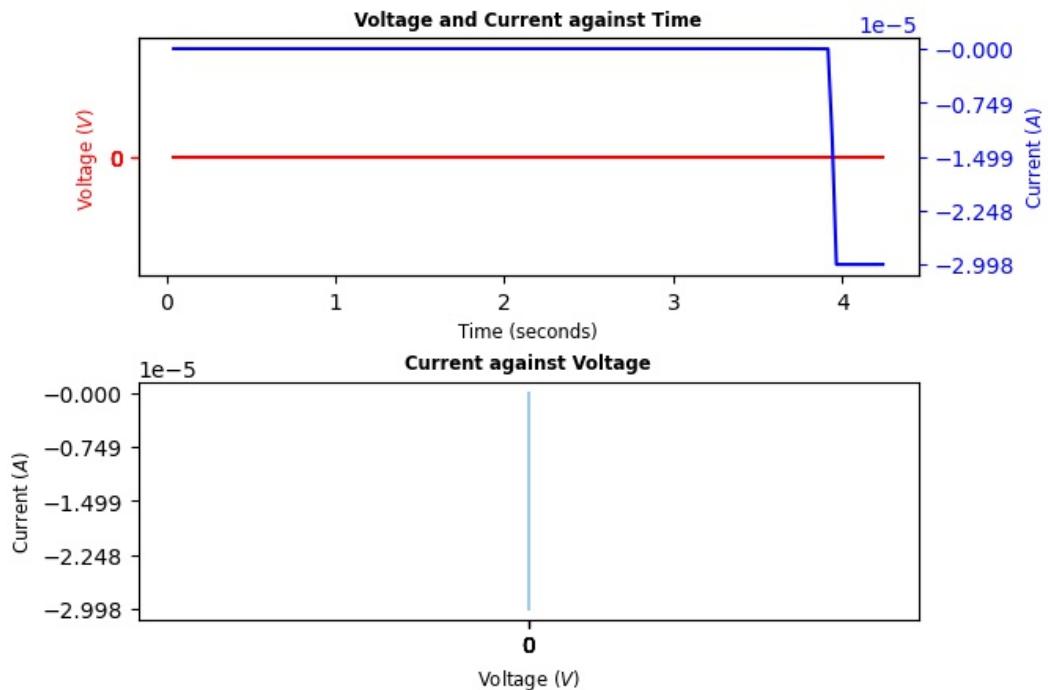
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4.45V

### Probe A plots



### Probe B plots



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Stimulated at 05:51:42PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

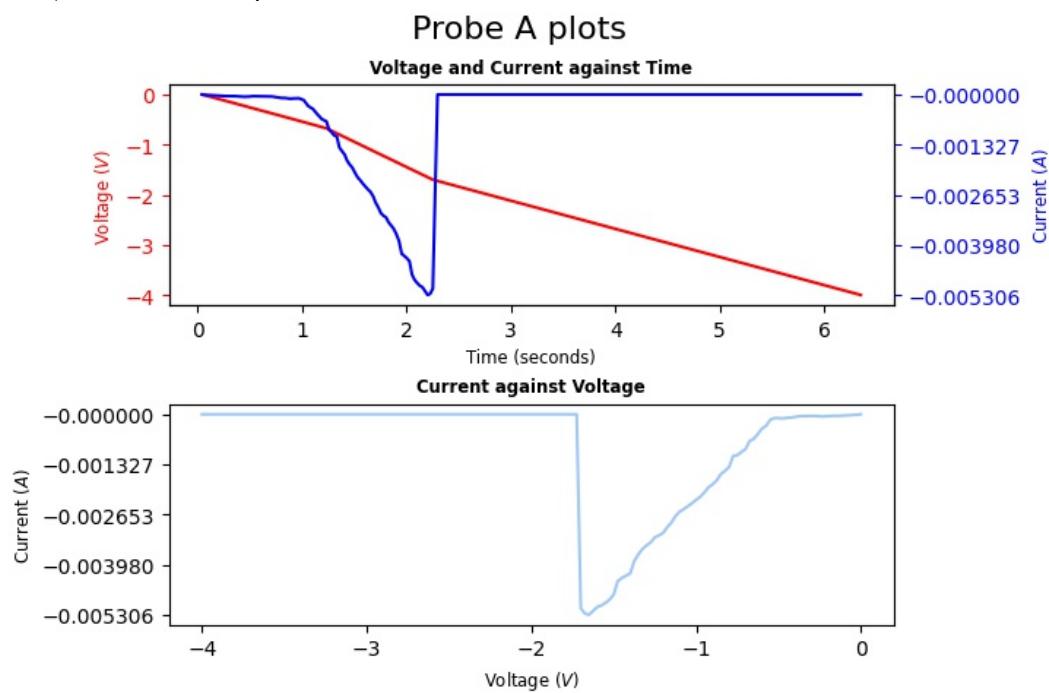
Compliance Current = 8.0mA

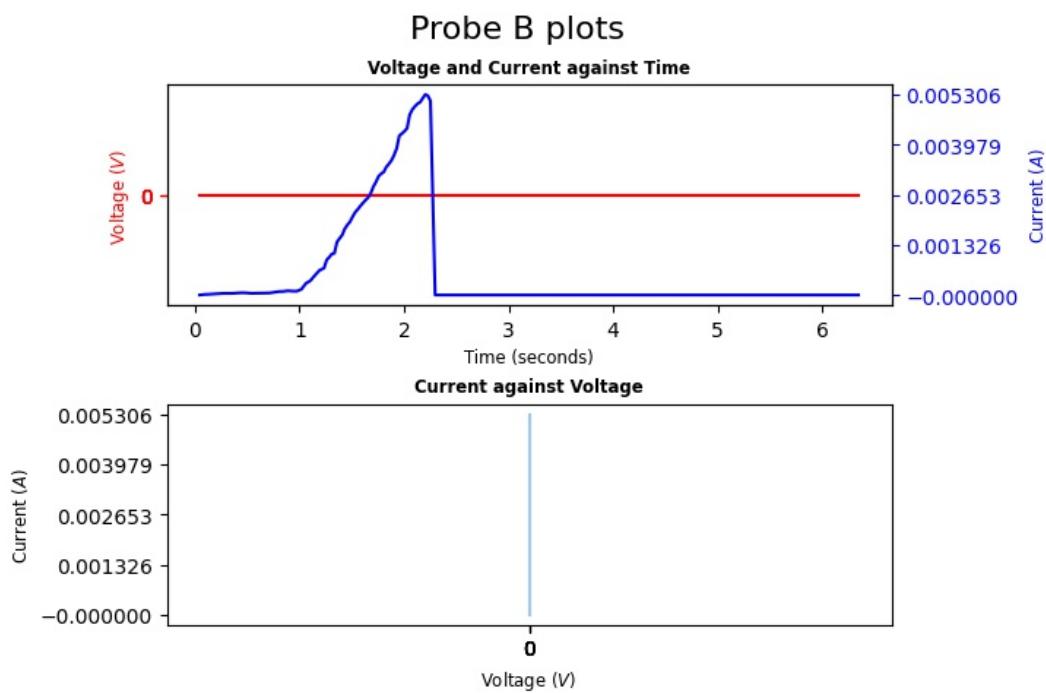
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, not constant slope





Stimulated at 05:52:30PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

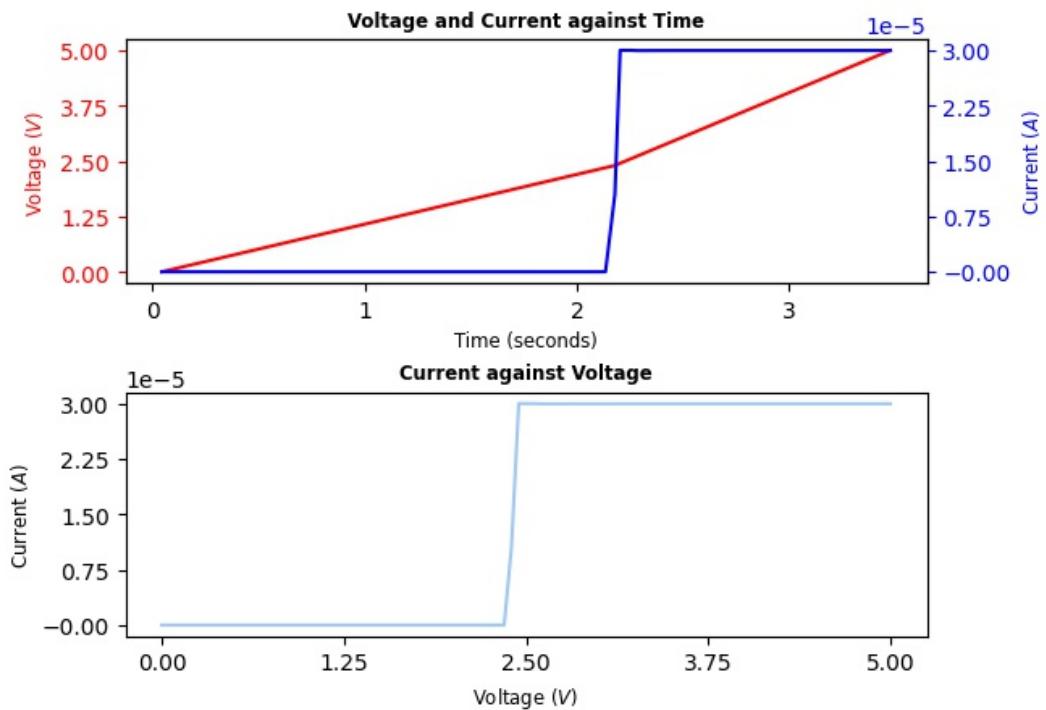
Platinum Voltage =

Copper Voltage =

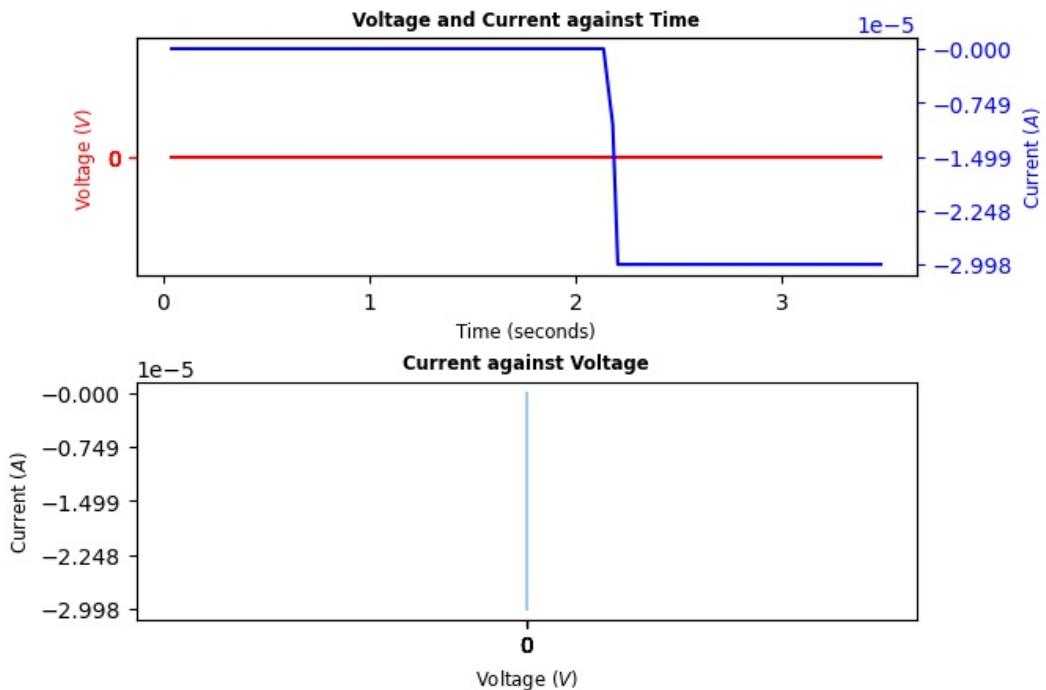
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.45V

### Probe A plots



### Probe B plots



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Stimulated at 05:52:56PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

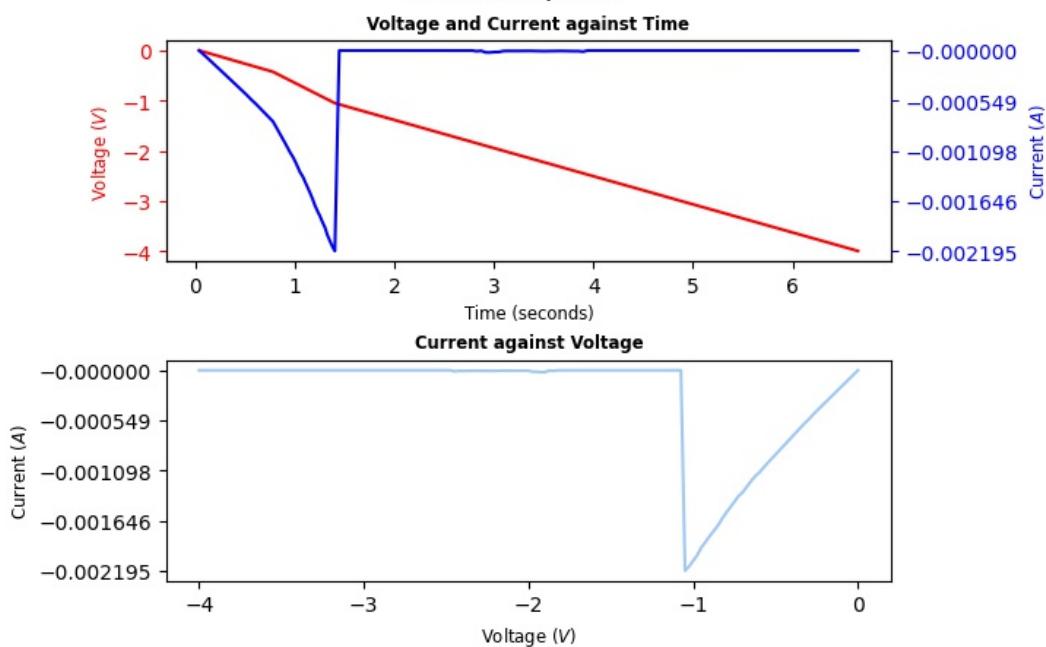
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

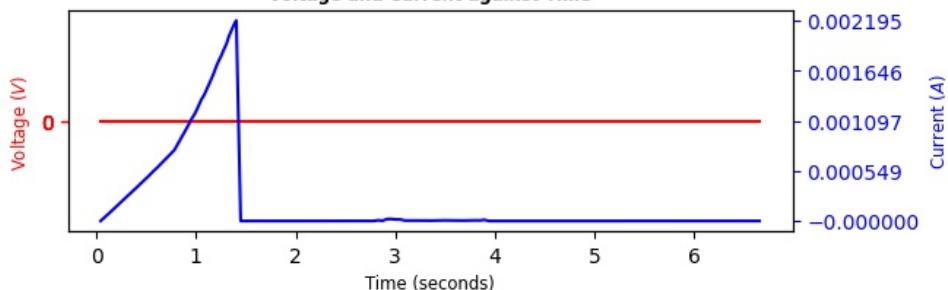
Comments = Reset, slope opposite of expected

### Probe A plots

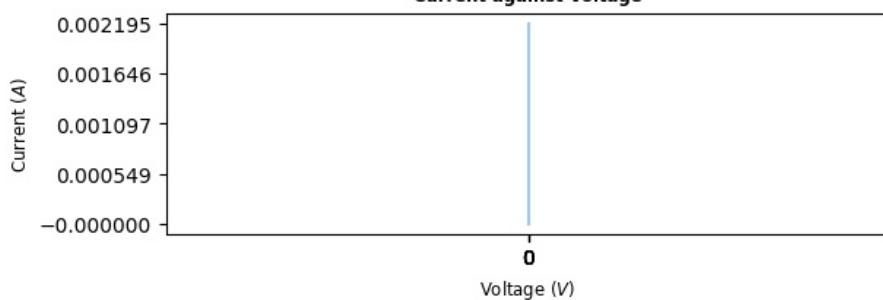


### Probe B plots

Voltage and Current against Time



Current against Voltage



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Stimulated at 05:54:33PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

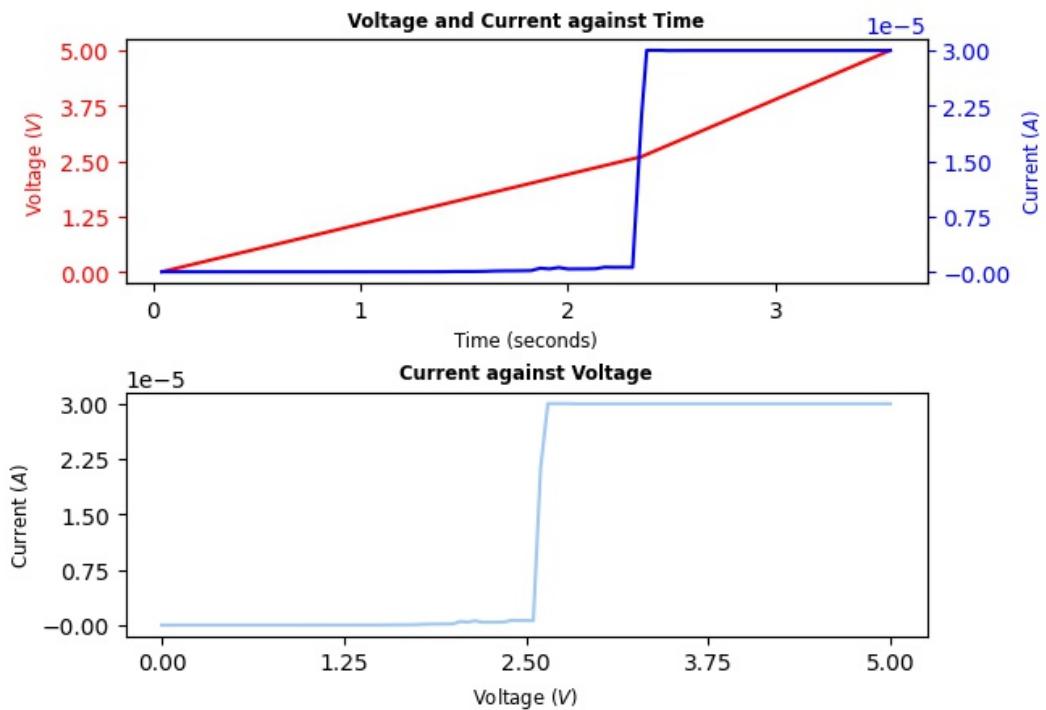
Platinum Voltage =

Copper Voltage =

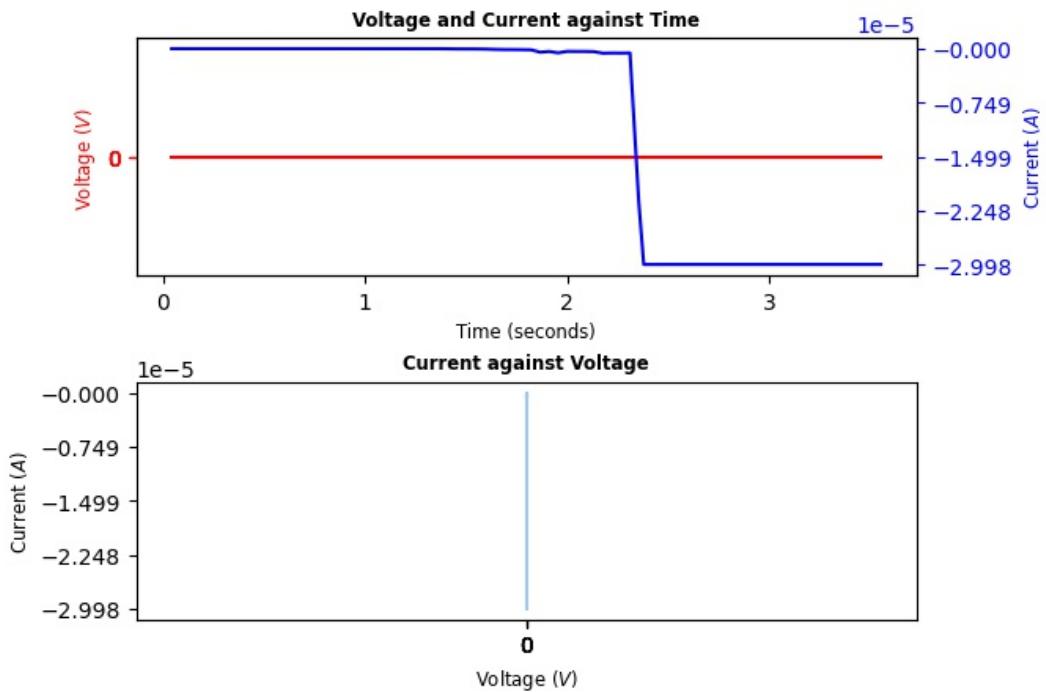
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.65V

### Probe A plots



### Probe B plots



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Stimulated at 05:54:57PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

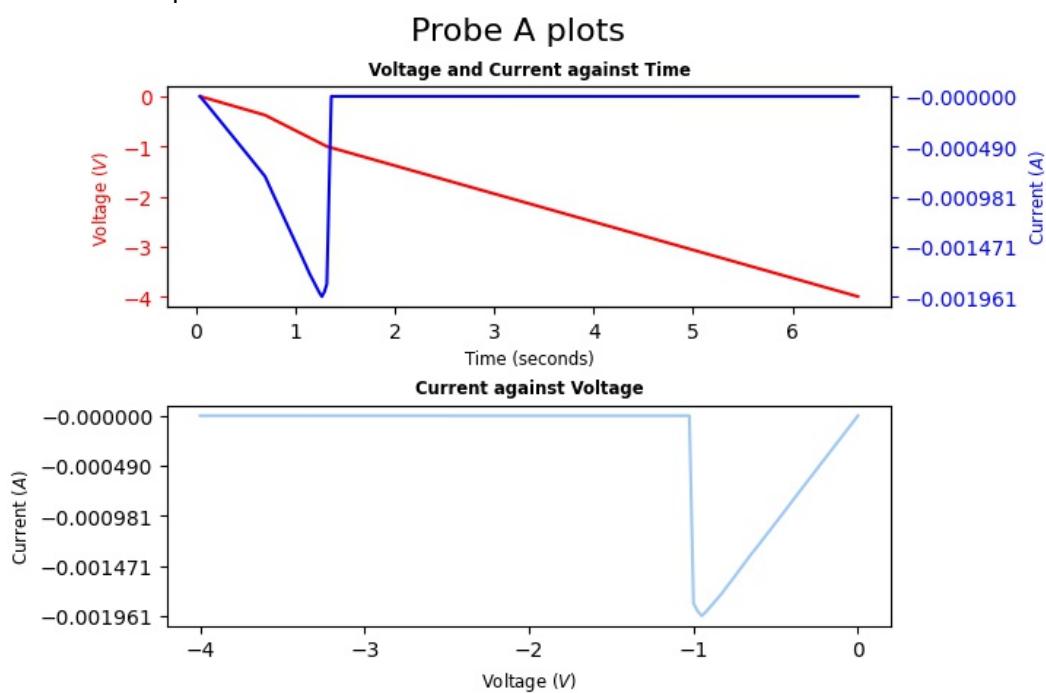
Compliance Current = 8.0mA

Platinum Voltage =

Copper Voltage =

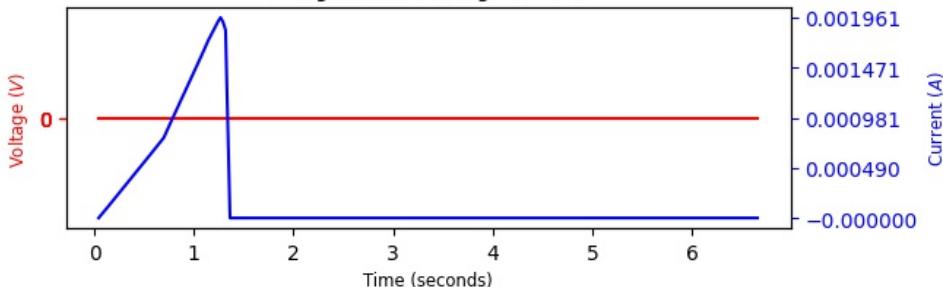
Run Folder Name = <2 probe, so invalid>

Comments = Reset similar to previous run

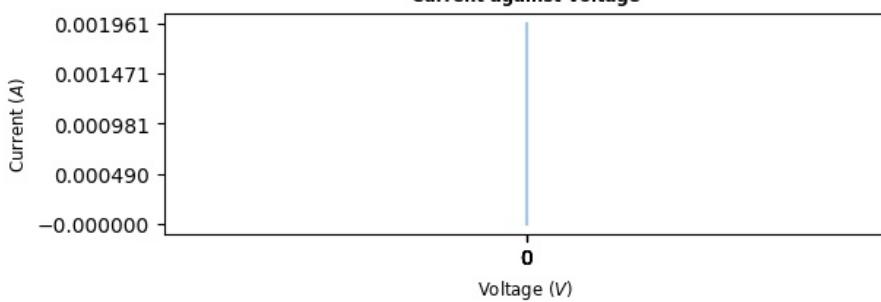


### Probe B plots

Voltage and Current against Time



Current against Voltage



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Stimulated at 05:56:26PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

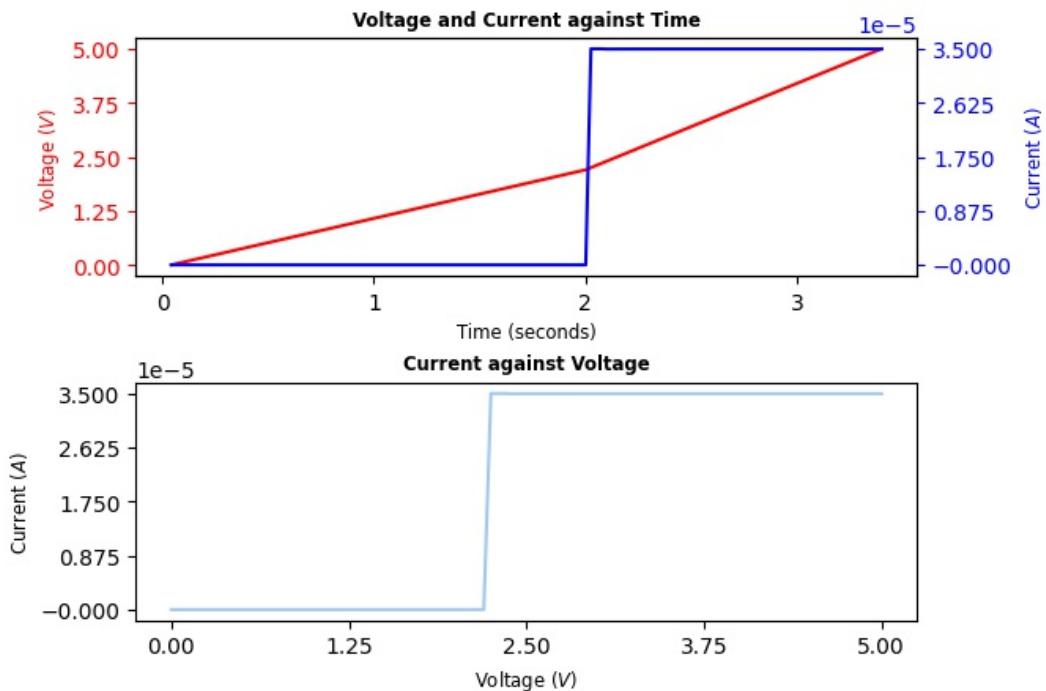
Platinum Voltage =

Copper Voltage =

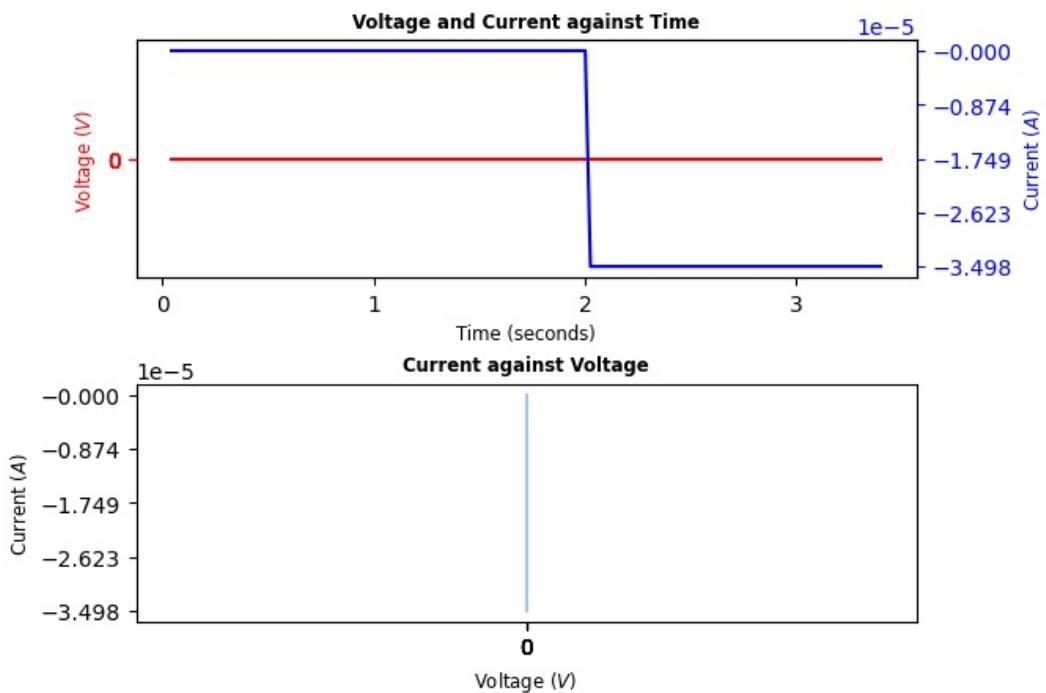
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.25V

### Probe A plots



### Probe B plots



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Stimulated at 05:57:04PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

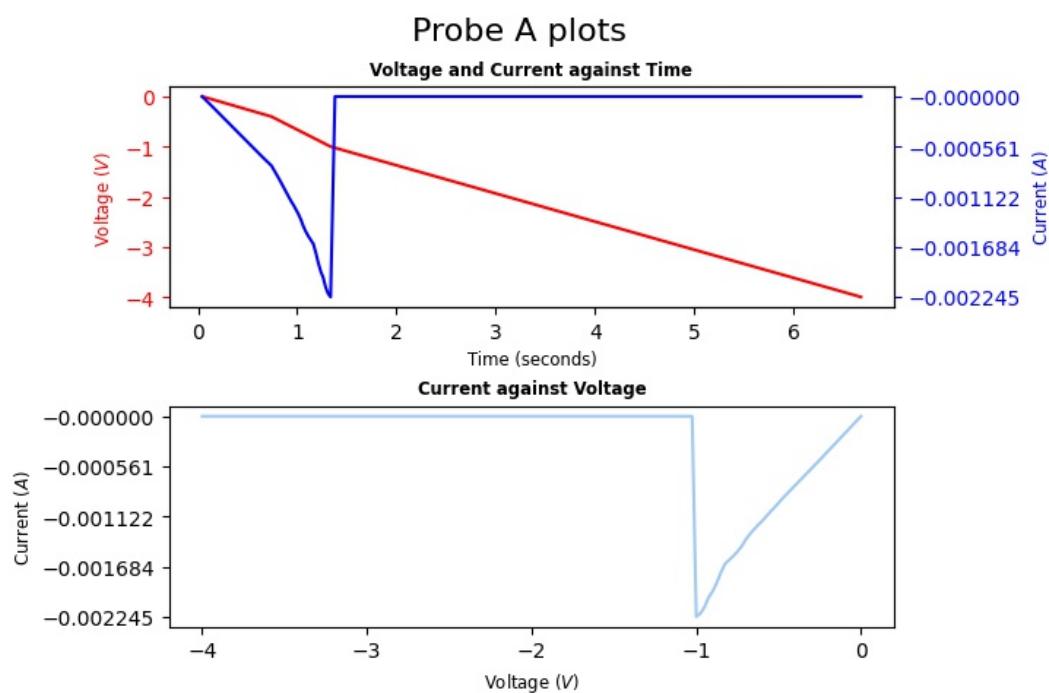
Compliance Current = 8.0mA

Platinum Voltage =

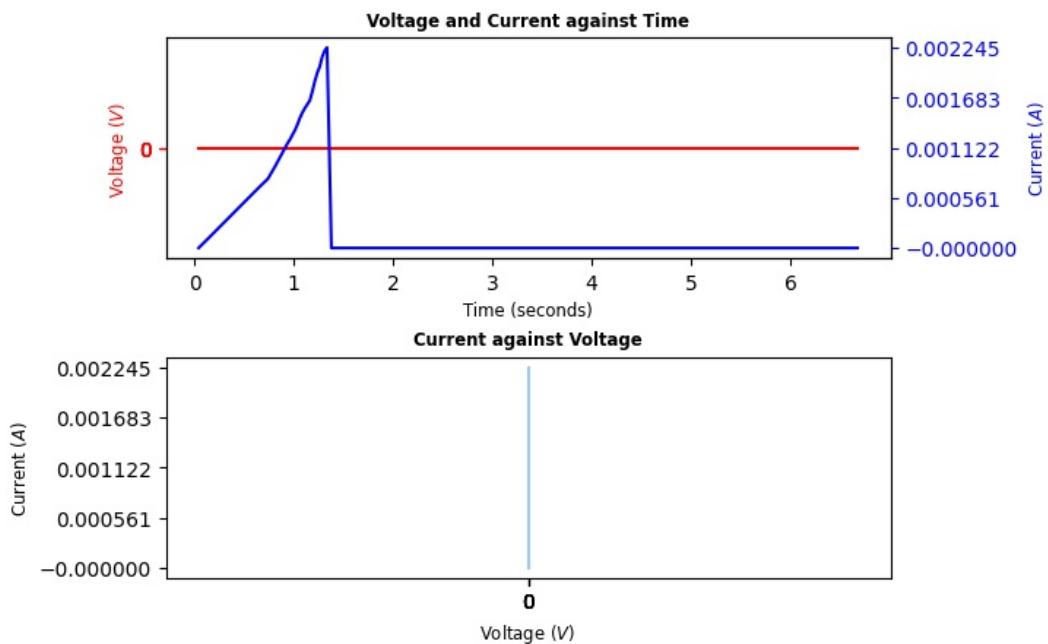
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset



### Probe B plots



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Stimulated at 05:57:32PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

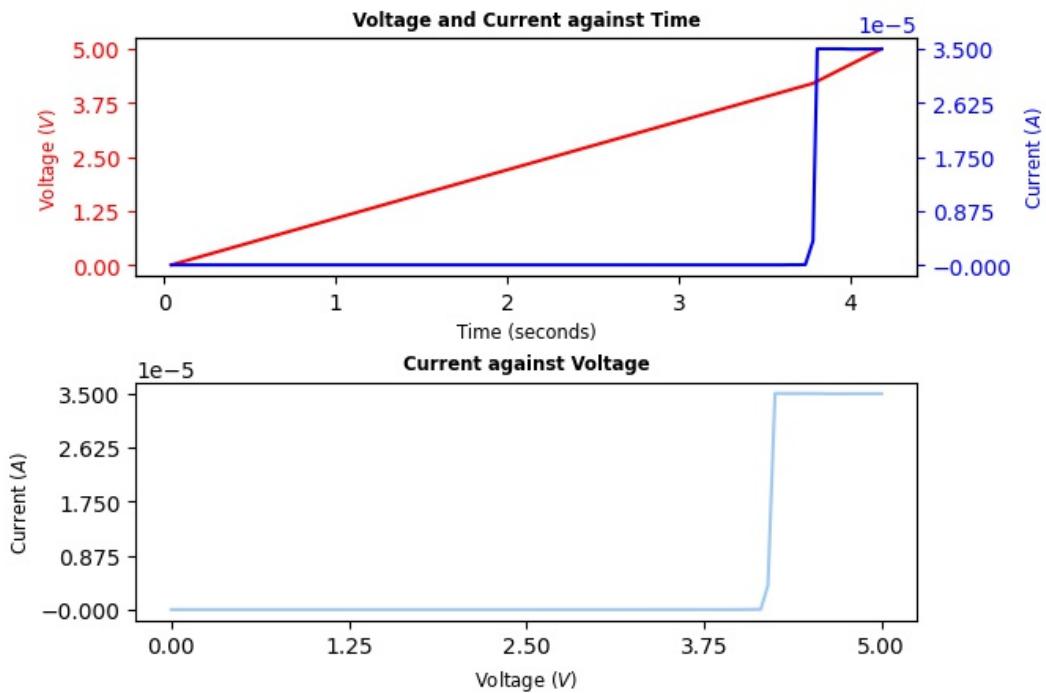
Platinum Voltage =

Copper Voltage =

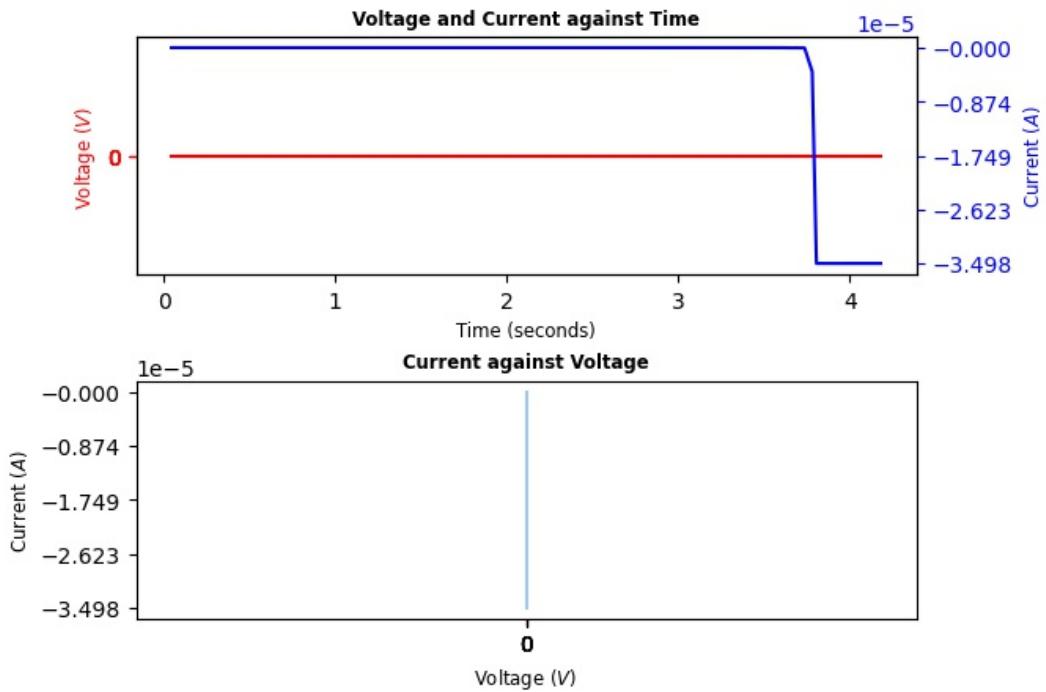
Run Folder Name = <2 probe, so invalid>

Comments = set at 4.25V

### Probe A plots



### Probe B plots



Stimulated at 05:57:58PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

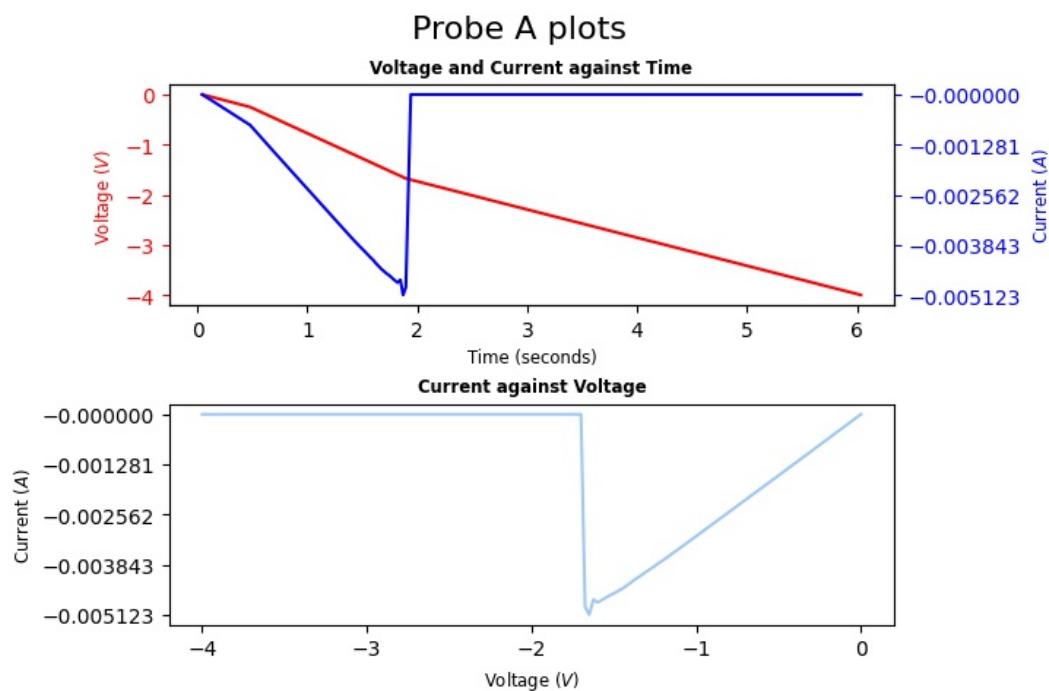
Compliance Current = 8.0mA

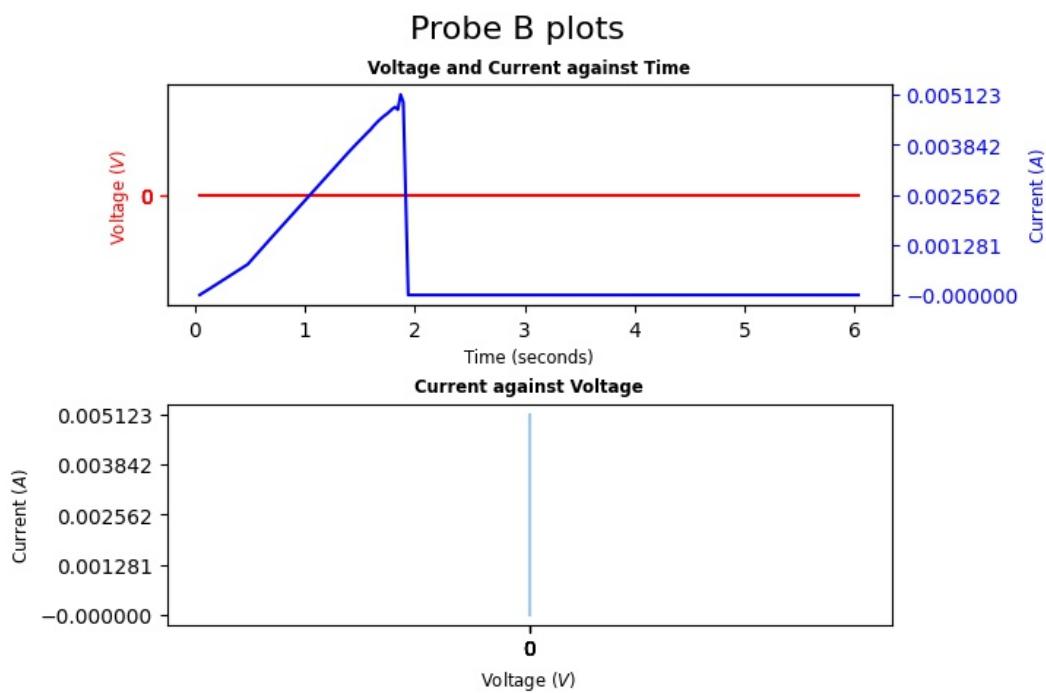
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset





Stimulated at 05:58:48PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

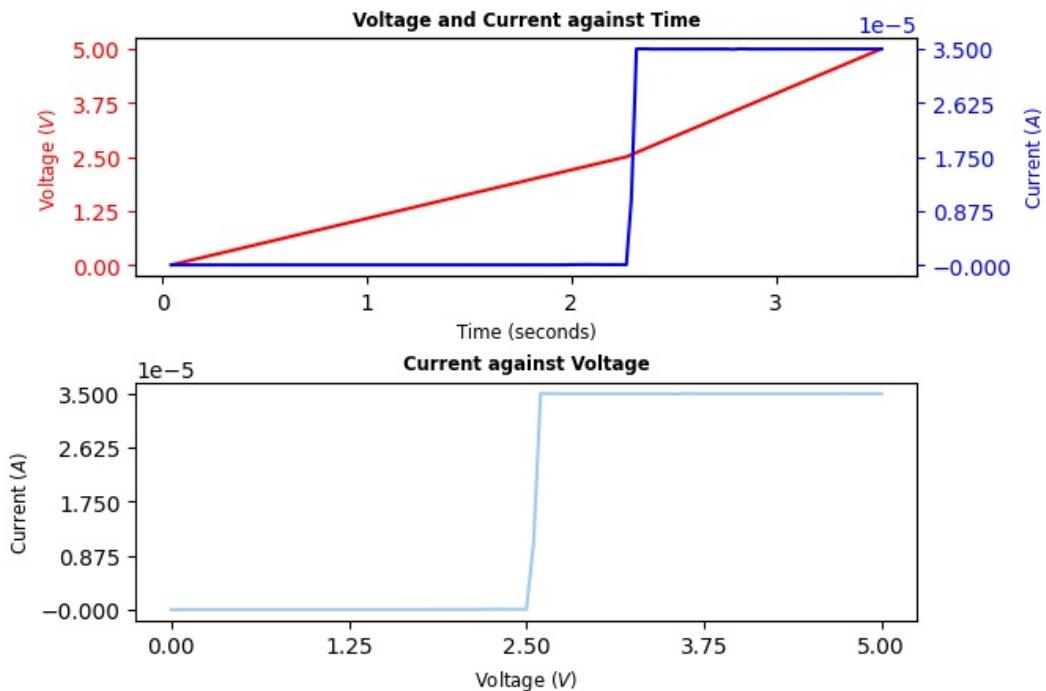
Platinum Voltage =

Copper Voltage =

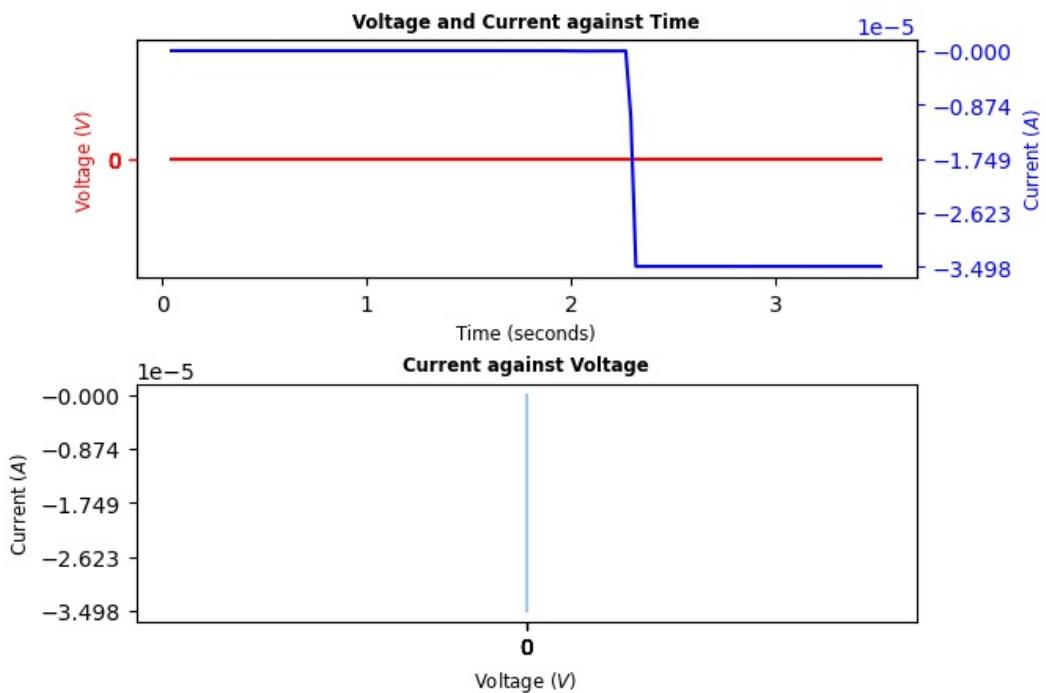
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.6V

### Probe A plots



### Probe B plots



Stimulated at 05:59:12PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

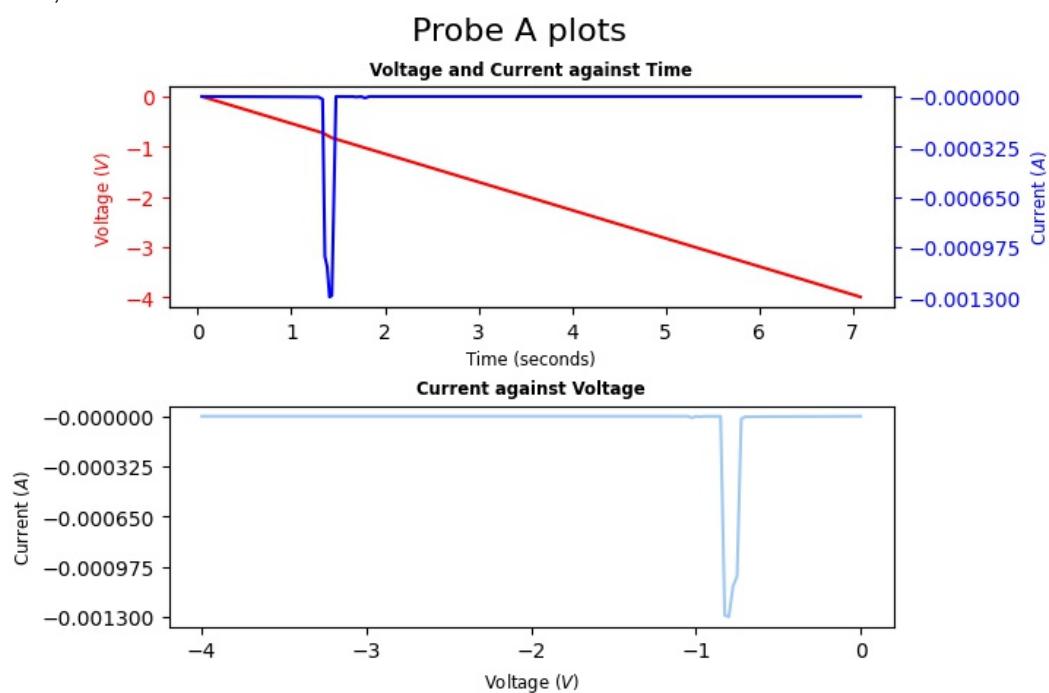
Compliance Current = 8.0mA

Platinum Voltage =

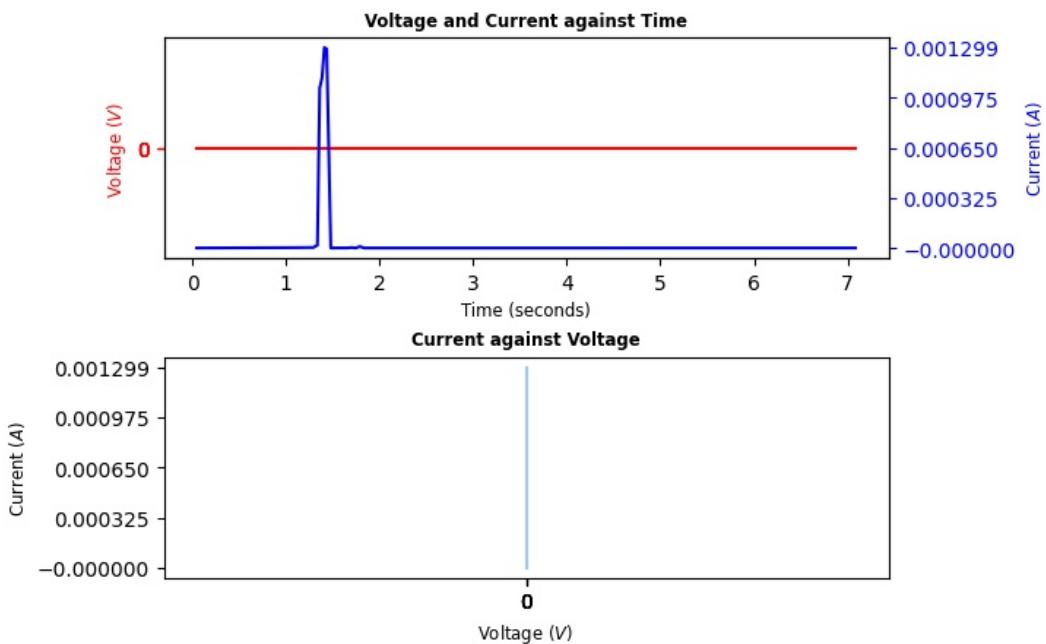
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, but weird



### Probe B plots



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Stimulated at 05:59:35PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

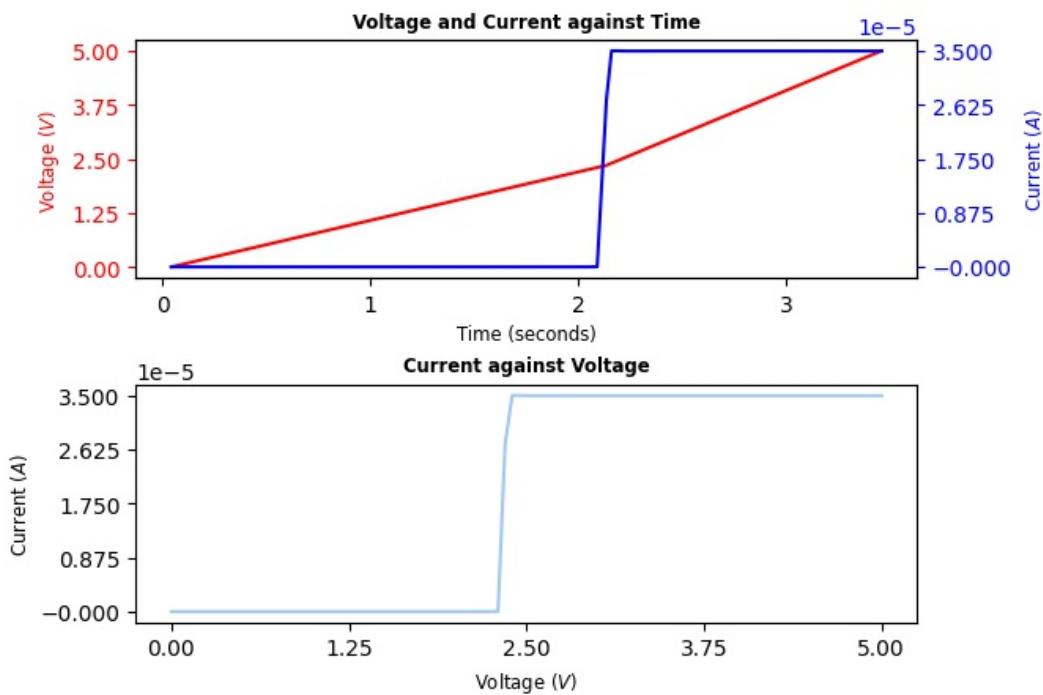
Platinum Voltage =

Copper Voltage =

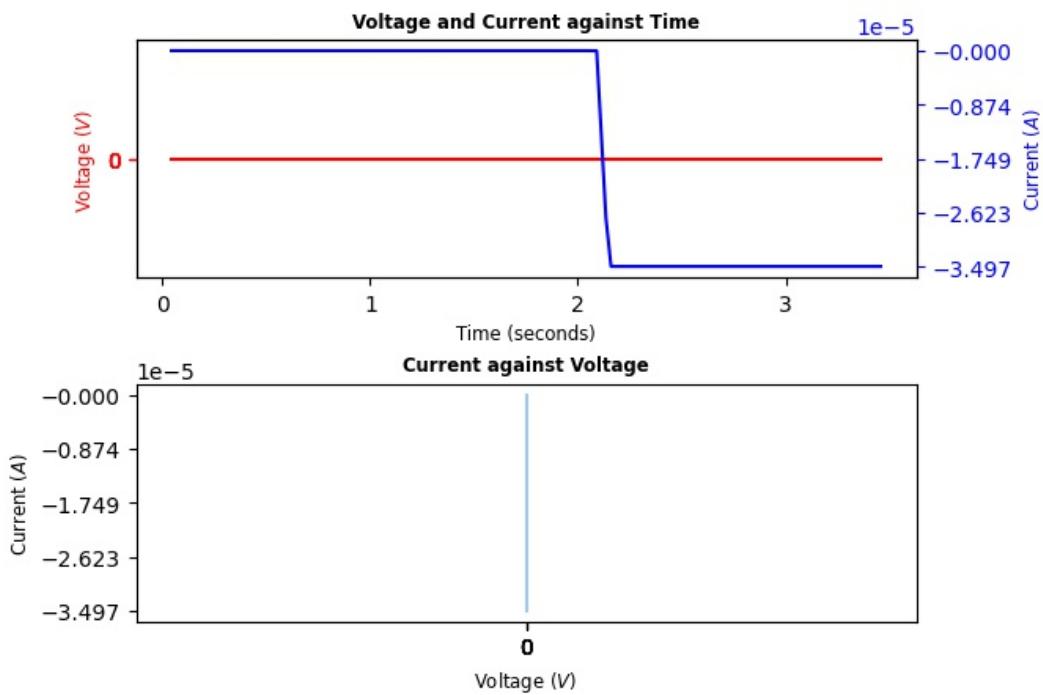
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.4V, (ignore)

### Probe A plots



### Probe B plots



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Stimulated at 06:00:32PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

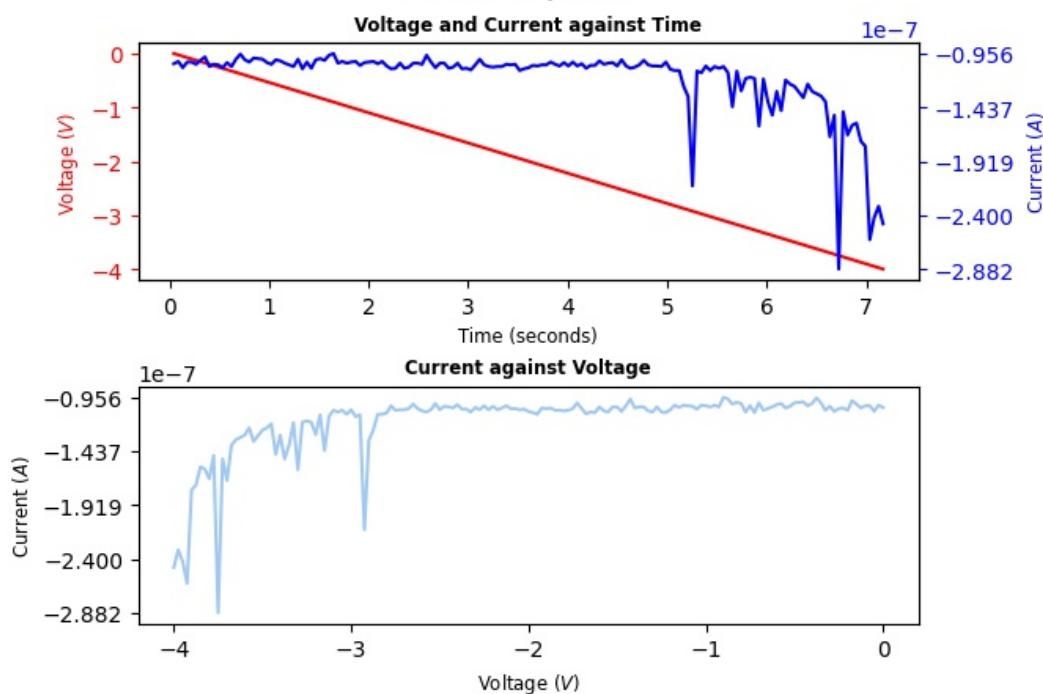
Platinum Voltage =

Copper Voltage =

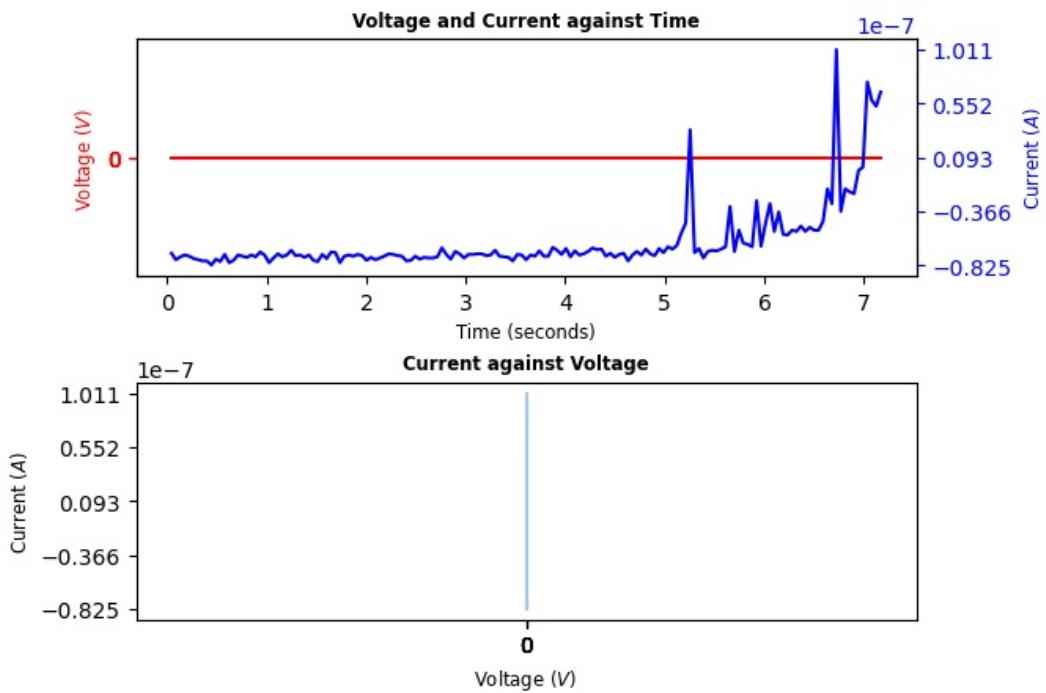
Run Folder Name = <2 probe, so invalid>

Comments = Connection Issues (ignore)

### Probe A plots



### Probe B plots



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Stimulated at 06:02:48PM on 2022/March/25

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 = 20.0uA

Platinum Voltage = 0V

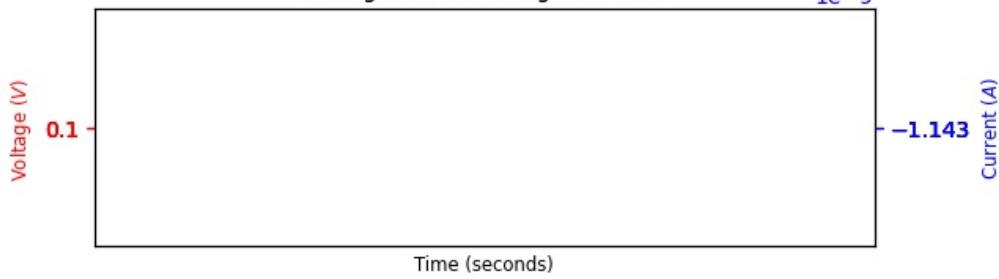
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

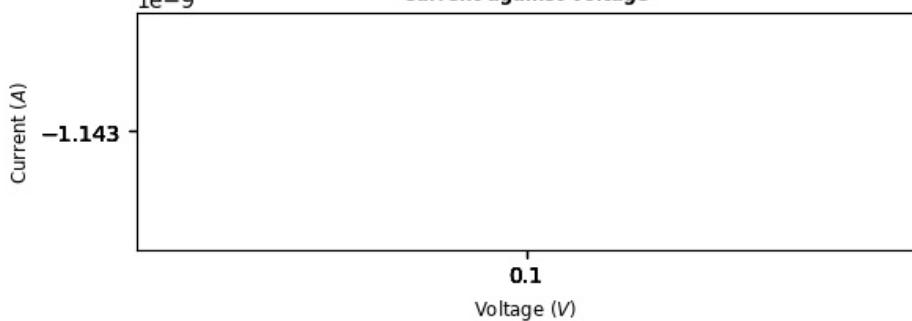
Comments = Not conducting State: Reset\*

### Probe A plots

Voltage and Current against Time

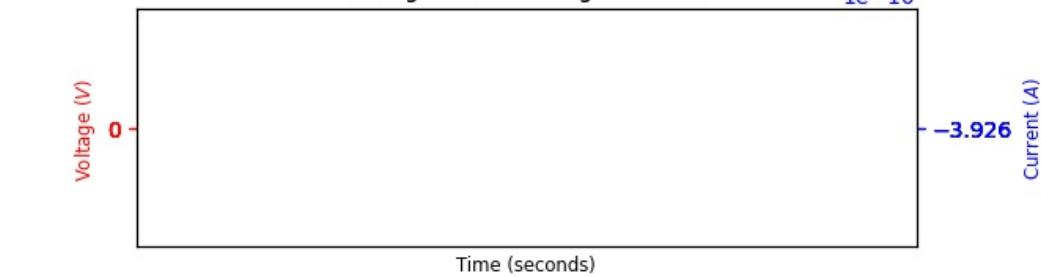


Current against Voltage

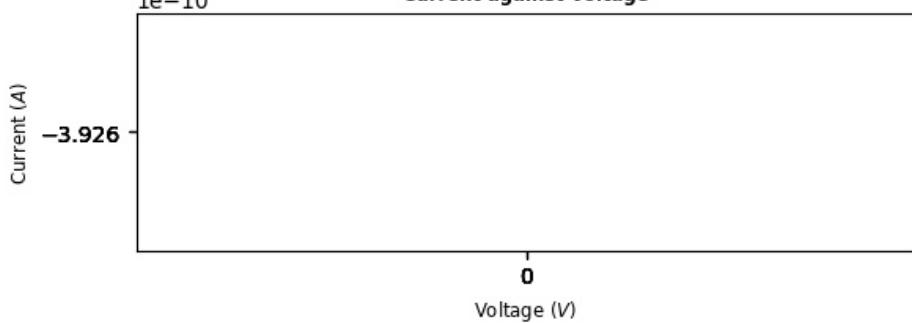


### Probe B plots

Voltage and Current against Time



Current against Voltage



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Stimulated at 06:03:27PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

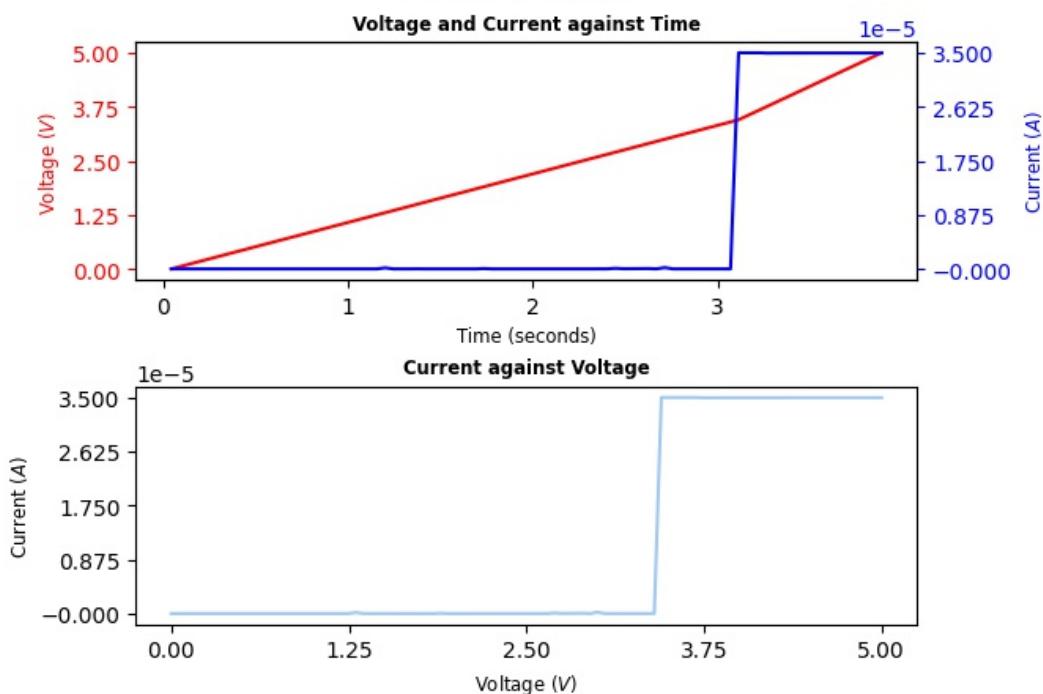
Platinum Voltage =

Copper Voltage =

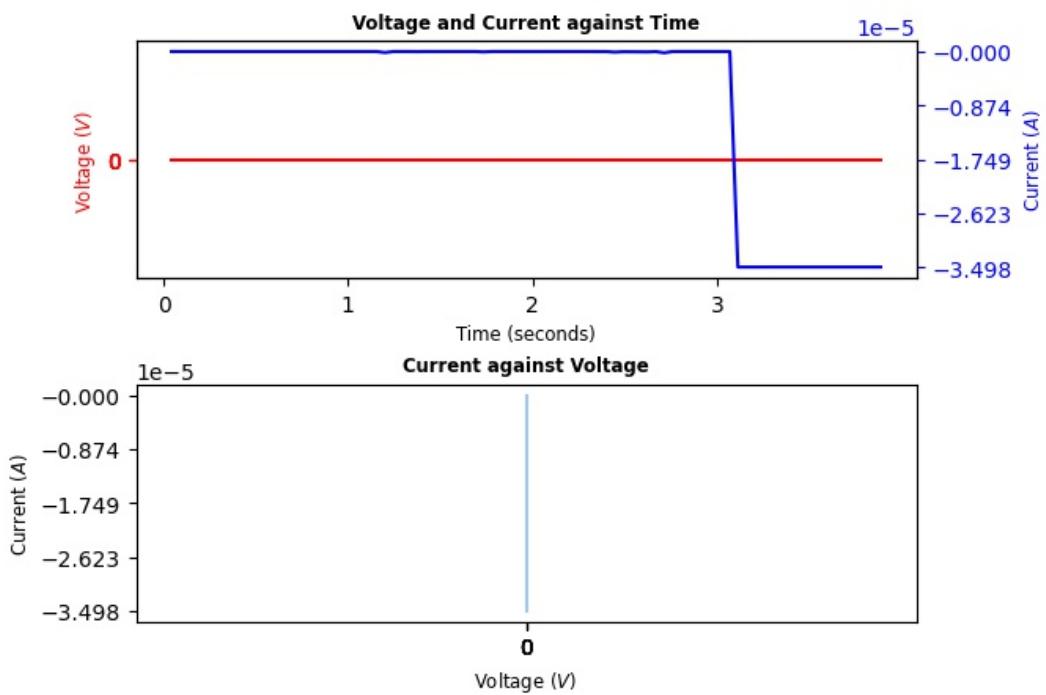
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.45V, (ignore)

### Probe A plots



### Probe B plots



---

Stimulated at 06:04:05PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

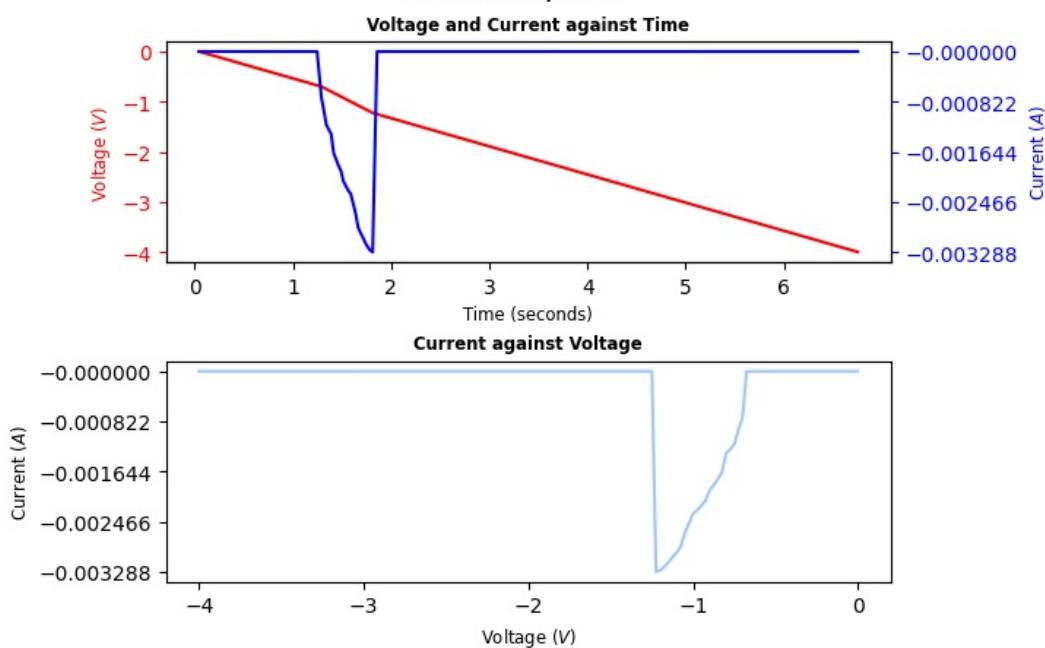
Platinum Voltage =

Copper Voltage =

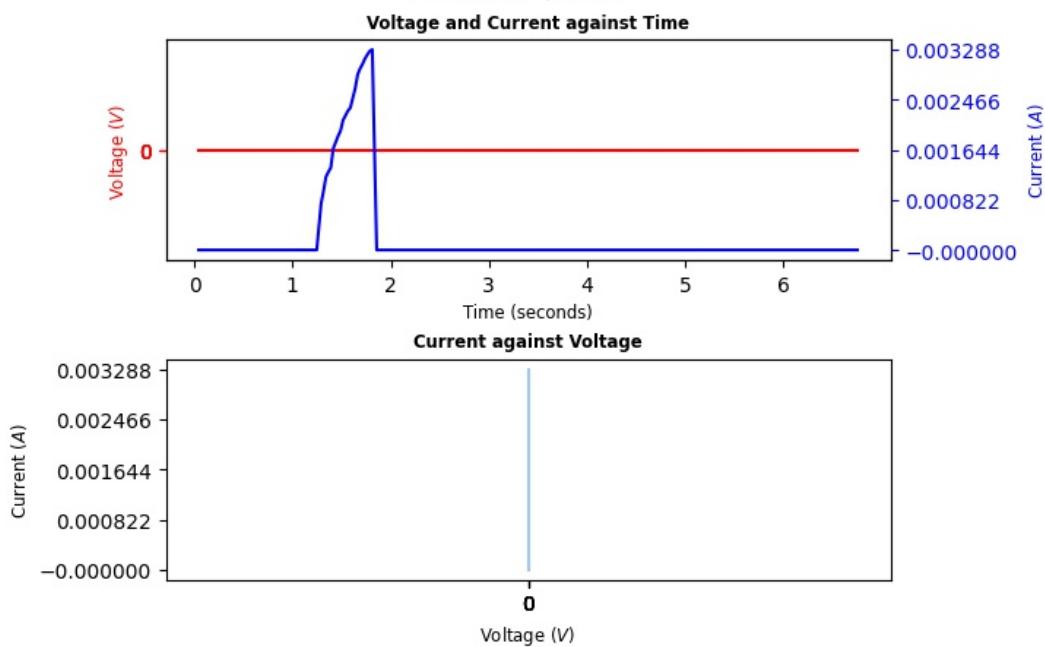
Run Folder Name = <2 probe, so invalid>

Comments = Reset, looks odd

### Probe A plots



### Probe B plots



---

Stimulated at 06:05:15PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

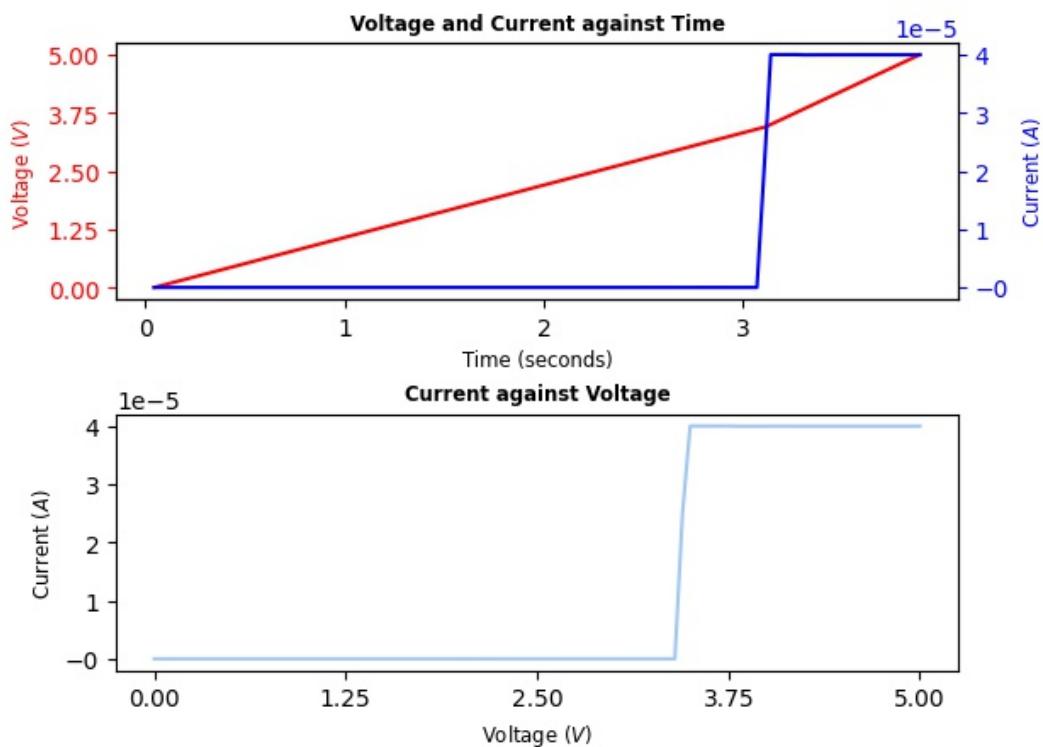
Platinum Voltage =

Copper Voltage =

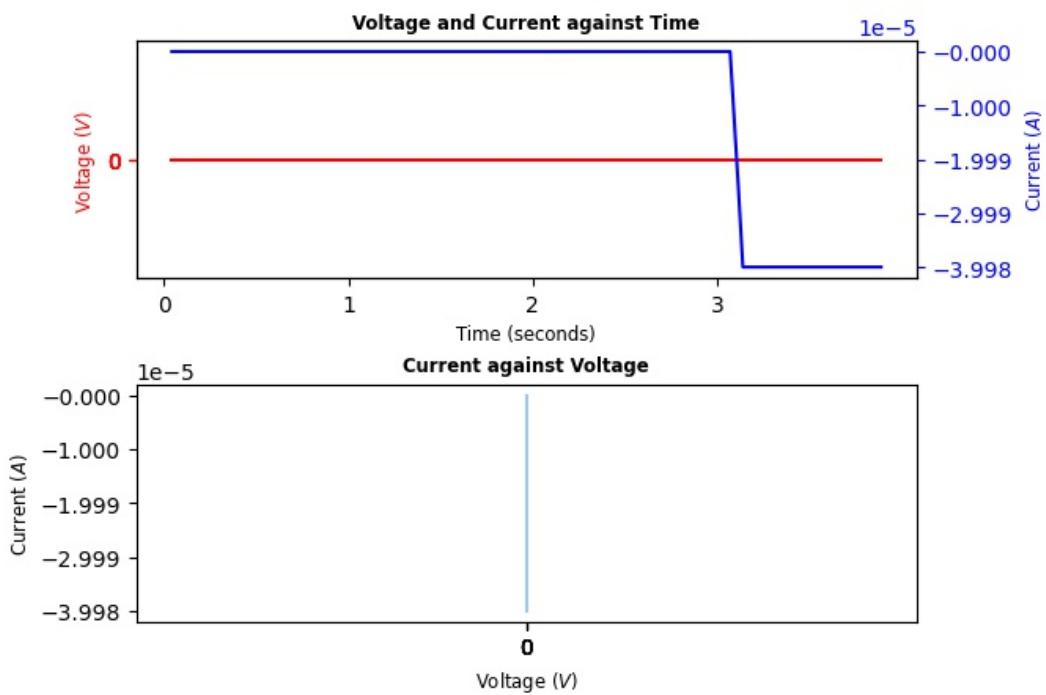
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.5V

### Probe A plots



### Probe B plots



---

Stimulated at 06:05:39PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

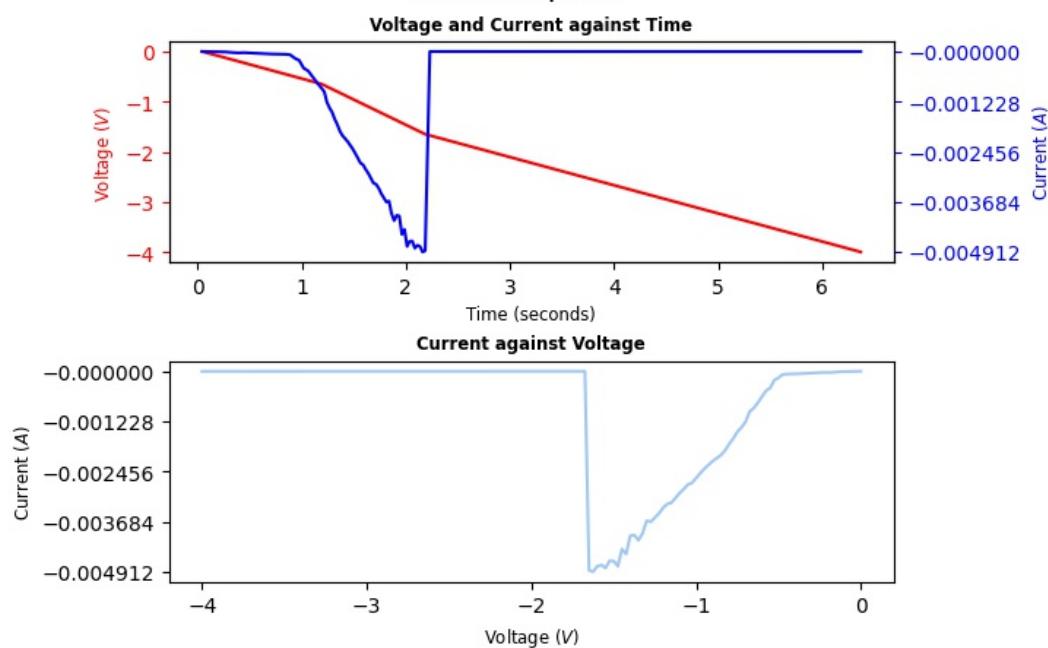
Platinum Voltage =

Copper Voltage =

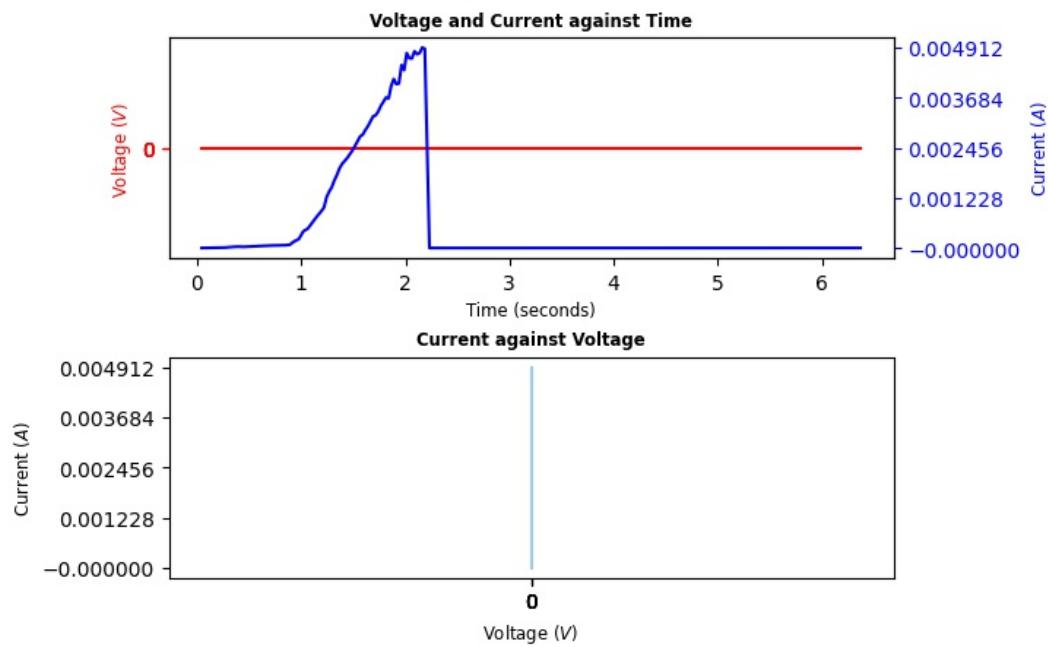
Run Folder Name = <2 probe, so invalid>

Comments = Reset

### Probe A plots



### Probe B plots



---

Stimulated at 06:06:01PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

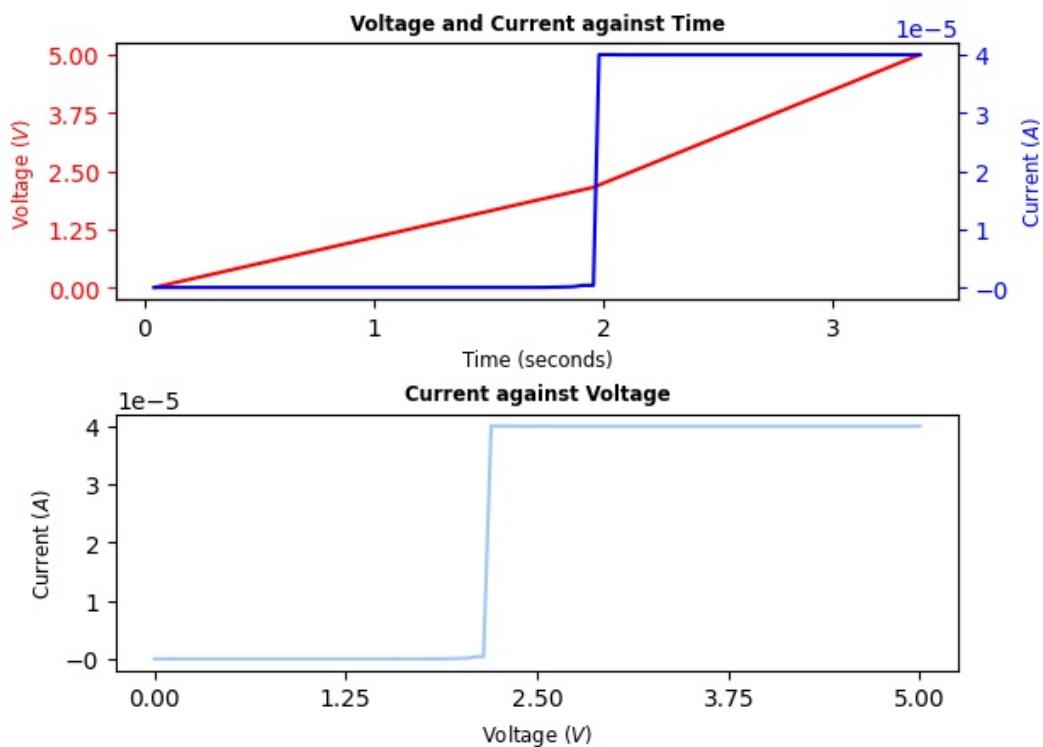
Platinum Voltage =

Copper Voltage =

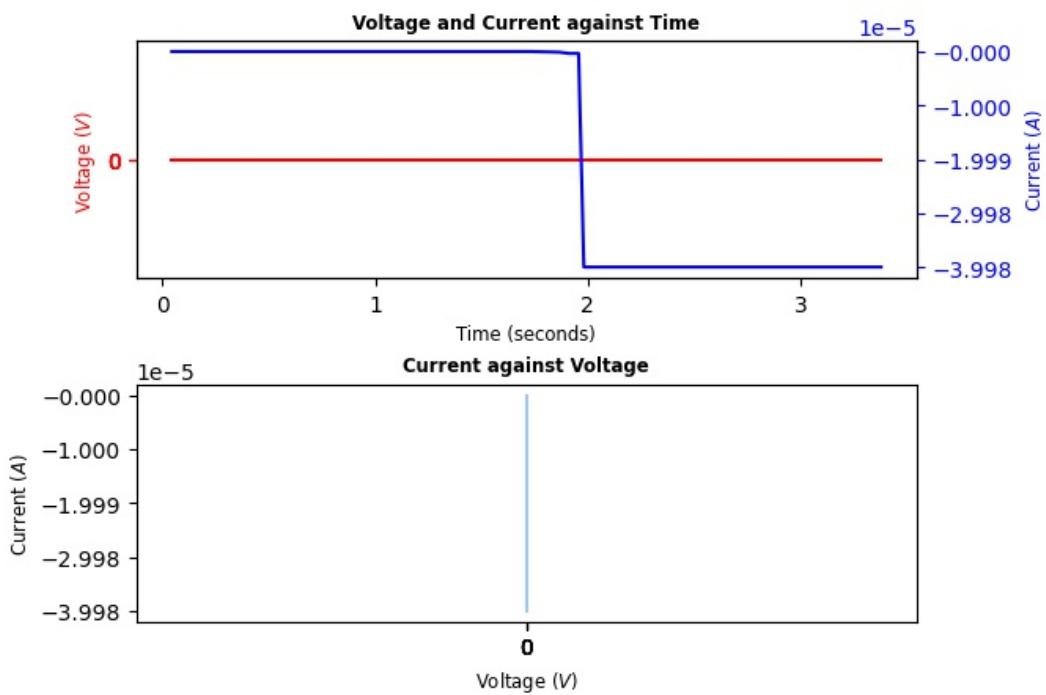
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.2V

### Probe A plots



### Probe B plots



---

Stimulated at 06:06:24PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

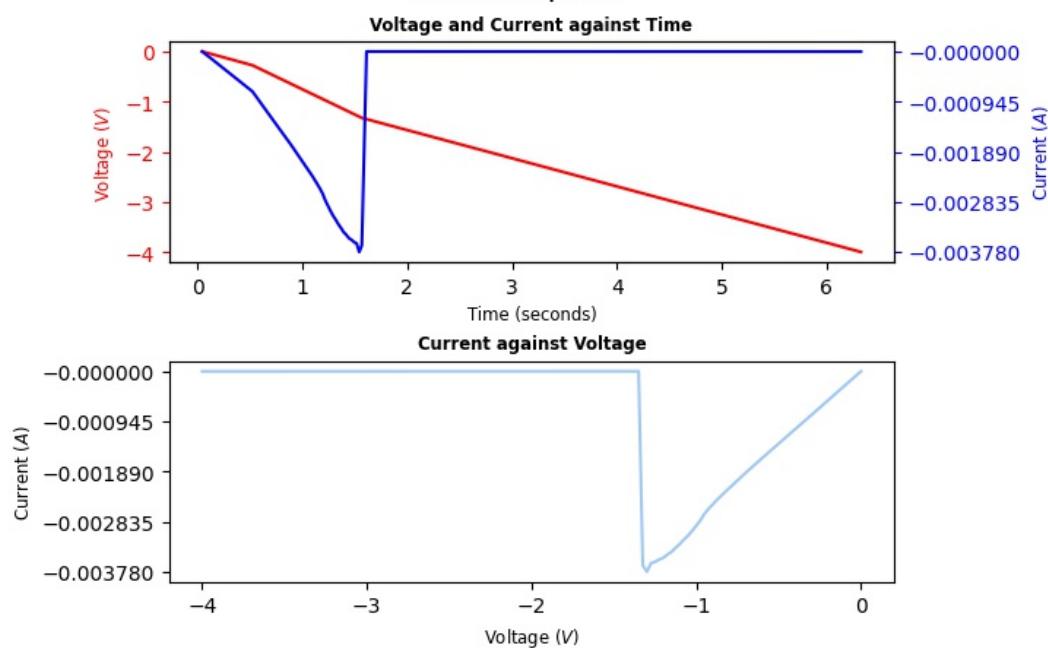
Platinum Voltage =

Copper Voltage =

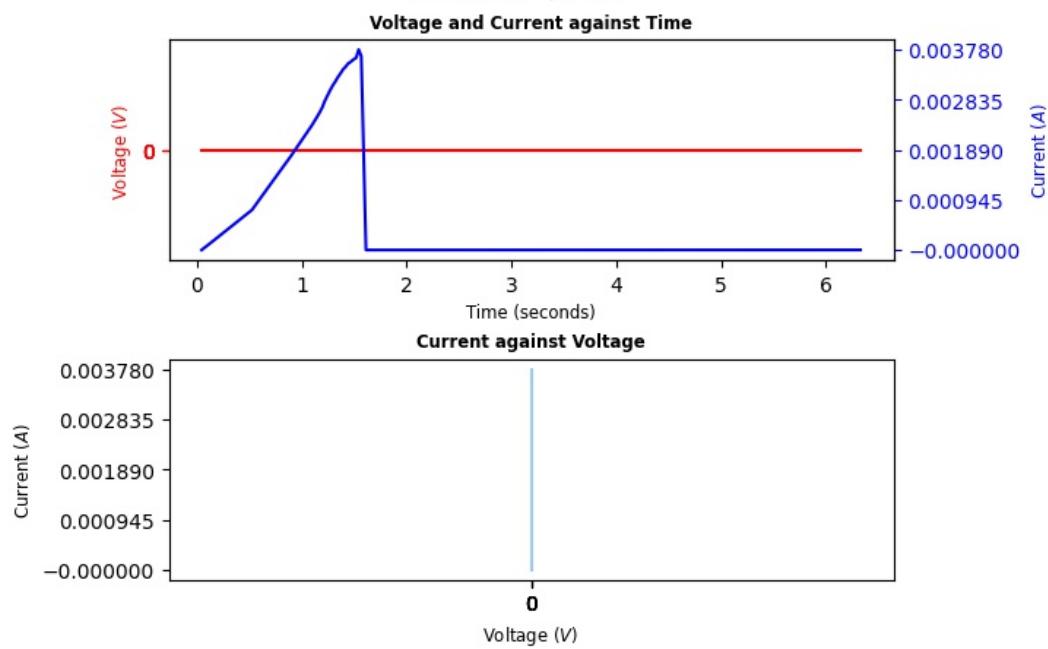
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

### Probe A plots



### Probe B plots



---

Stimulated at 06:06:43PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

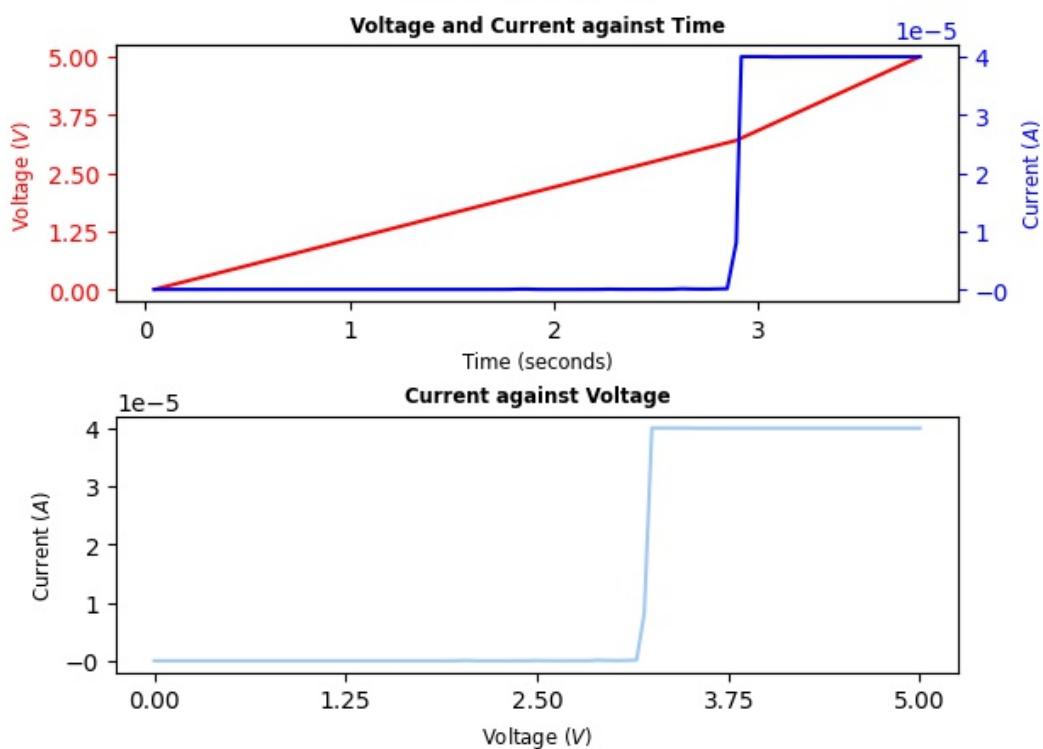
Platinum Voltage =

Copper Voltage =

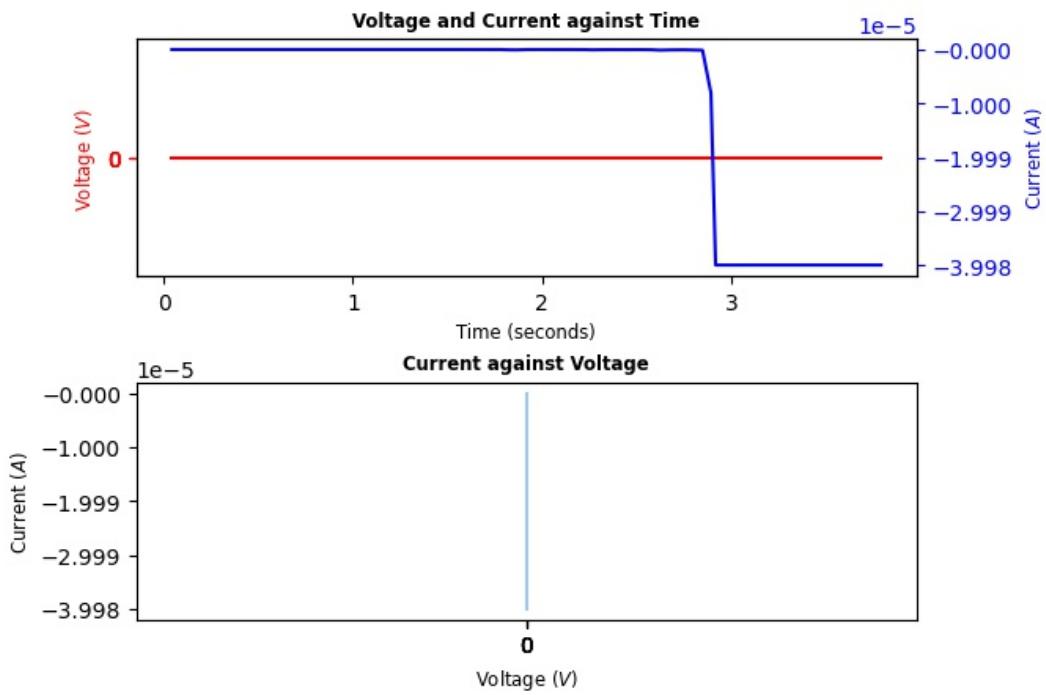
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.25V

### Probe A plots



### Probe B plots



---

Stimulated at 06:07:10PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

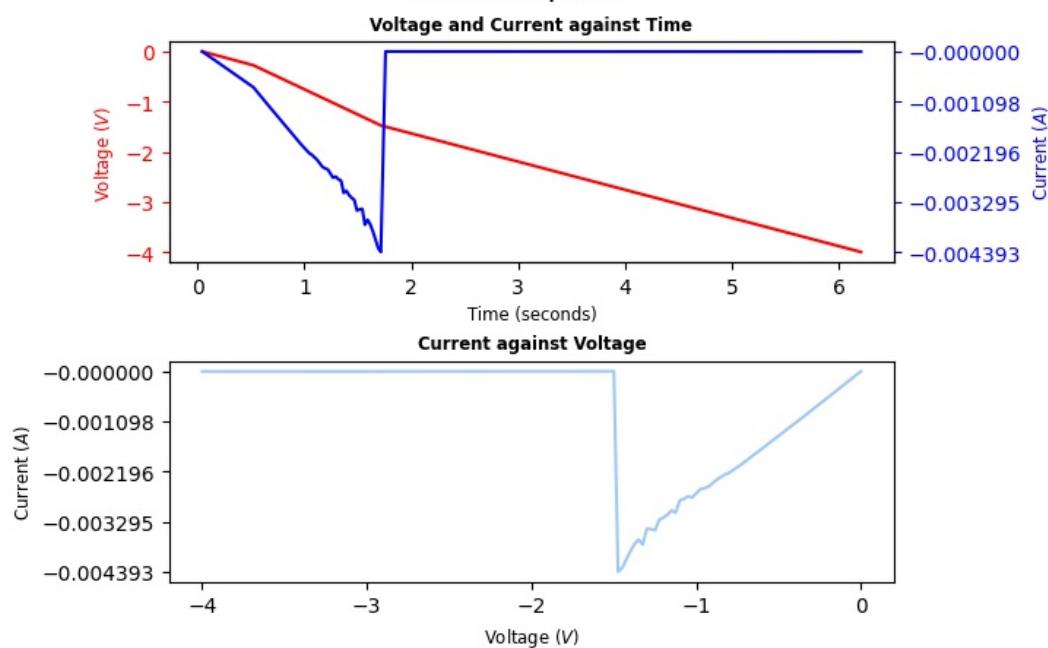
Platinum Voltage =

Copper Voltage =

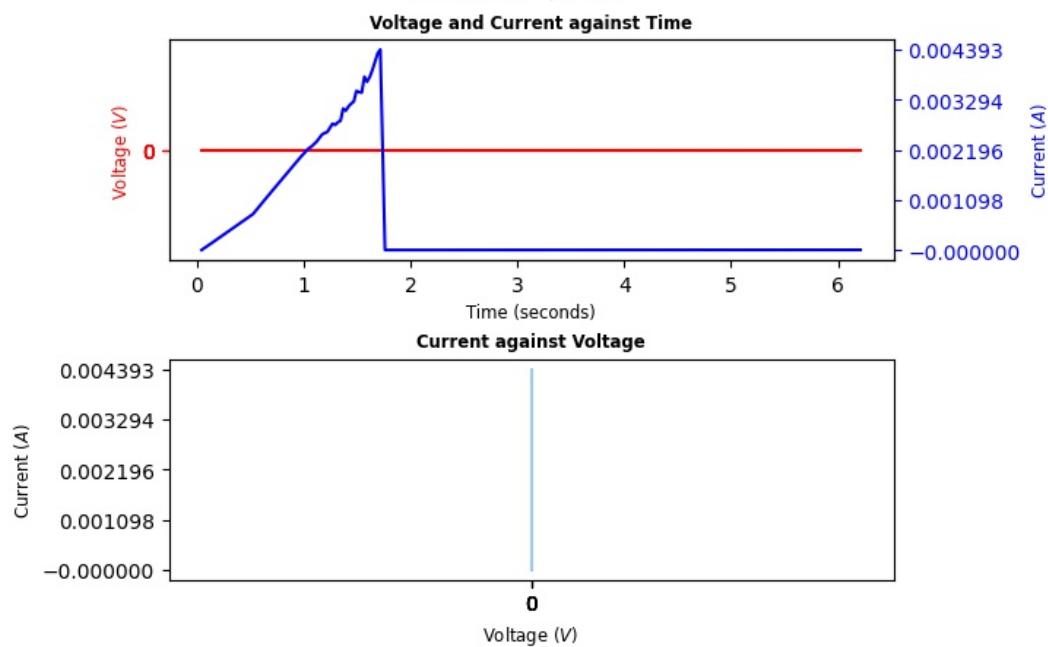
Run Folder Name = <2 probe, so invalid>

Comments = Good Reset, really close slope to previous reset

### Probe A plots



### Probe B plots



Stimulated at 04:54:12PM on 2022/March/28

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

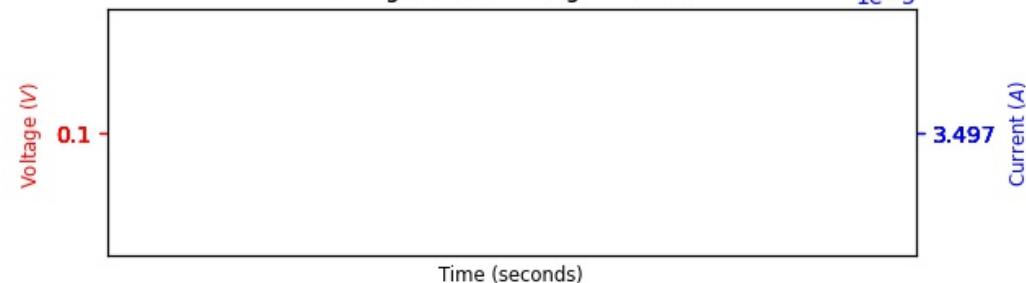
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

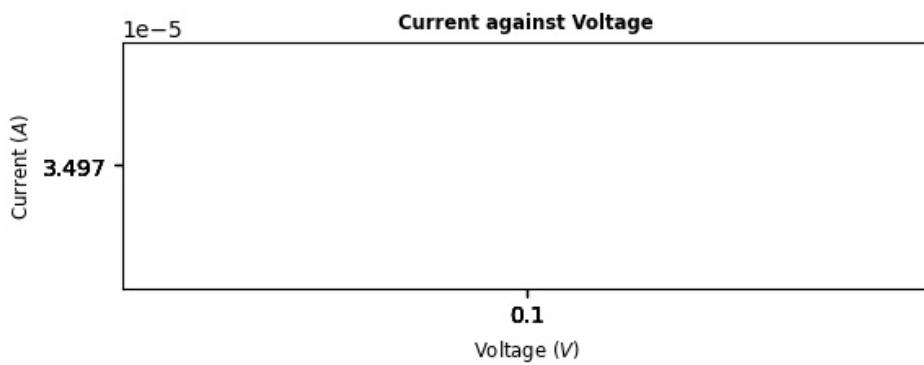
Comments = Set State: Set\*

### Probe A plots

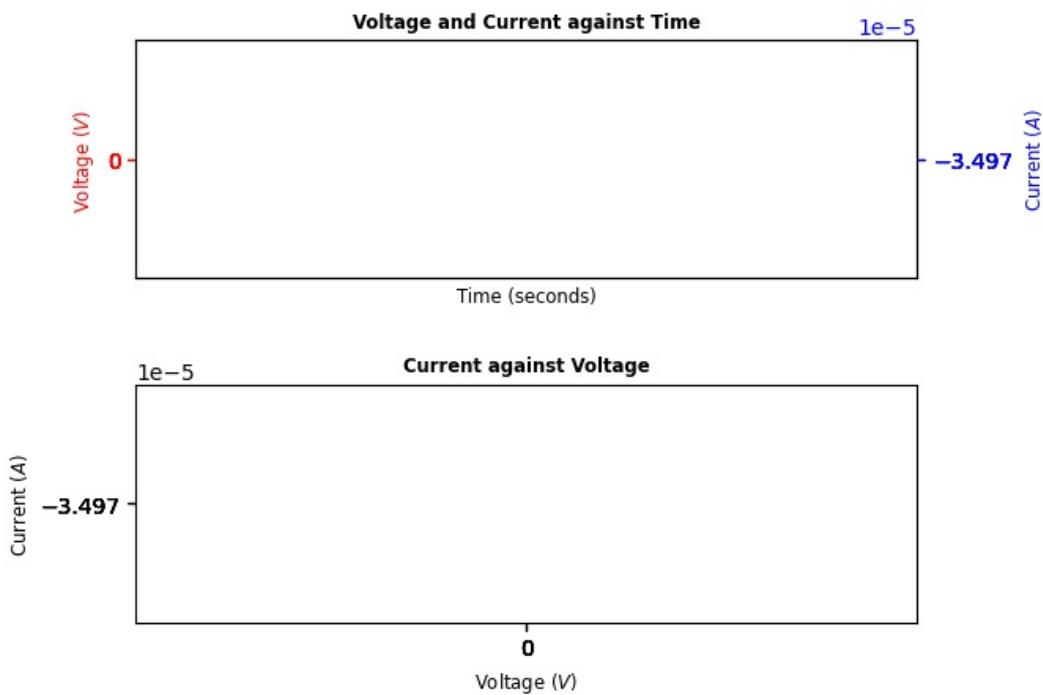
Voltage and Current against Time



Current against Voltage



## Probe B plots



---

Stimulated at 04:55:05PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

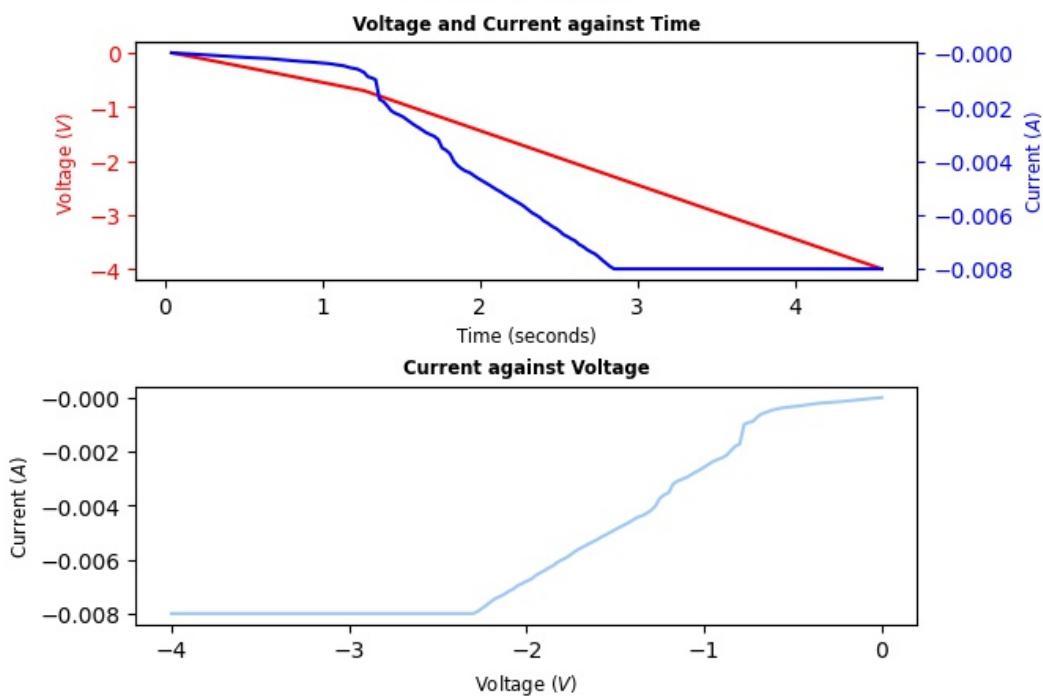
Platinum Voltage =

Copper Voltage =

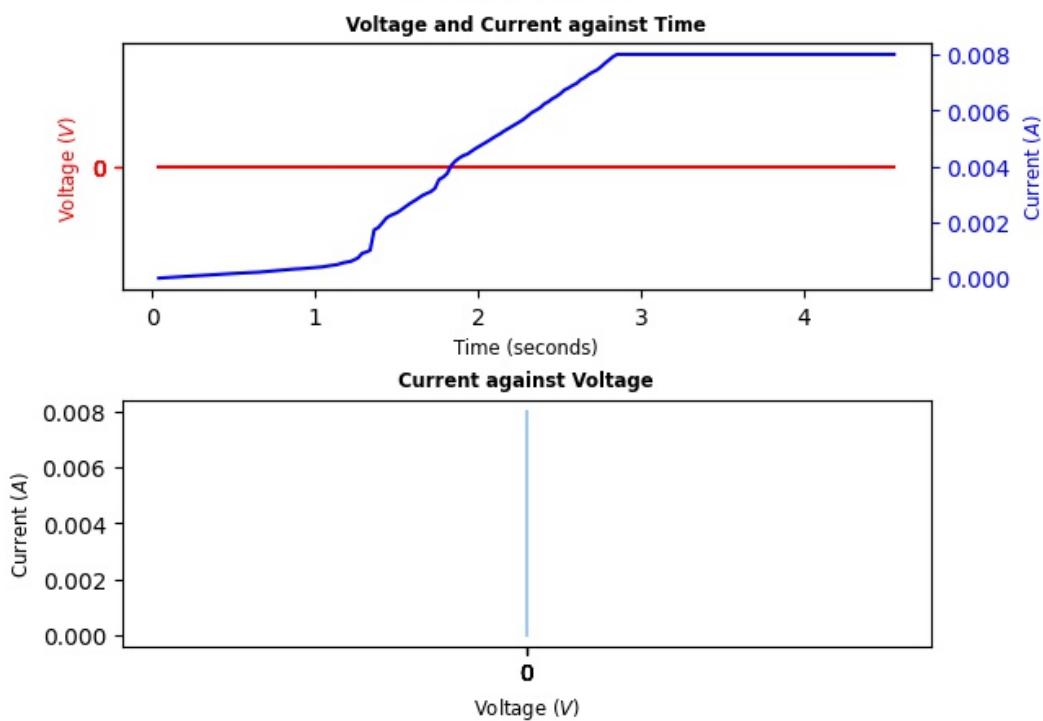
Run Folder Name = <2 probe, so invalid>

Comments = Decided not to Reset

### Probe A plots



### Probe B plots



---

Stimulated at 04:55:38PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

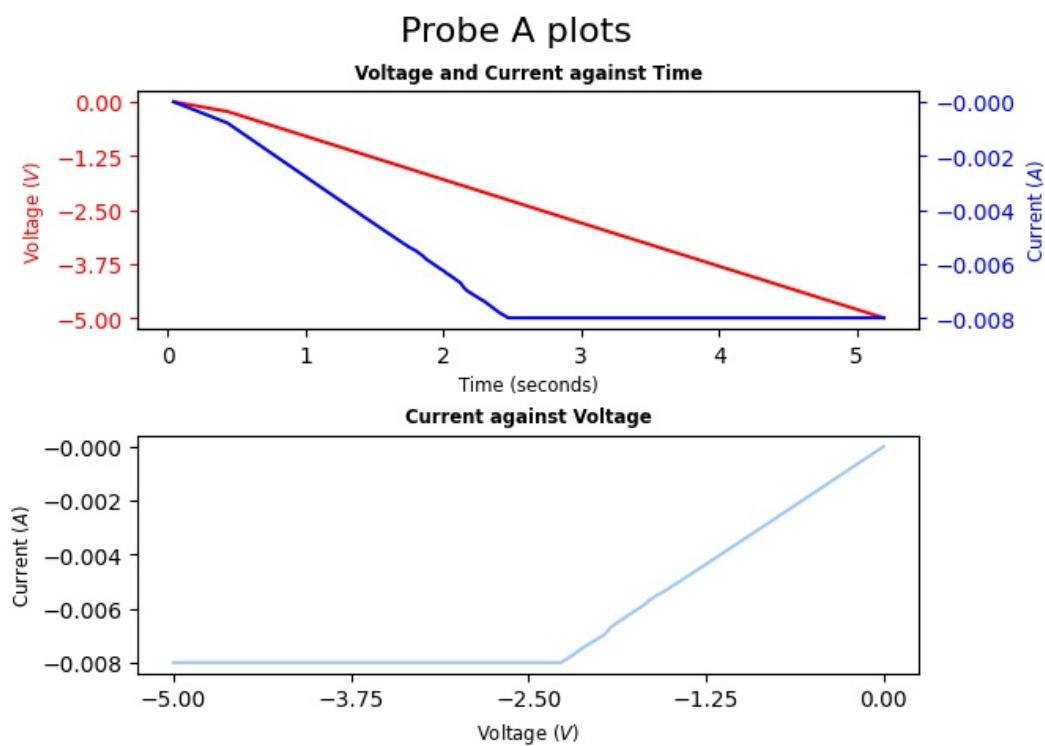
Compliance Current = 8.0mA

Platinum Voltage =

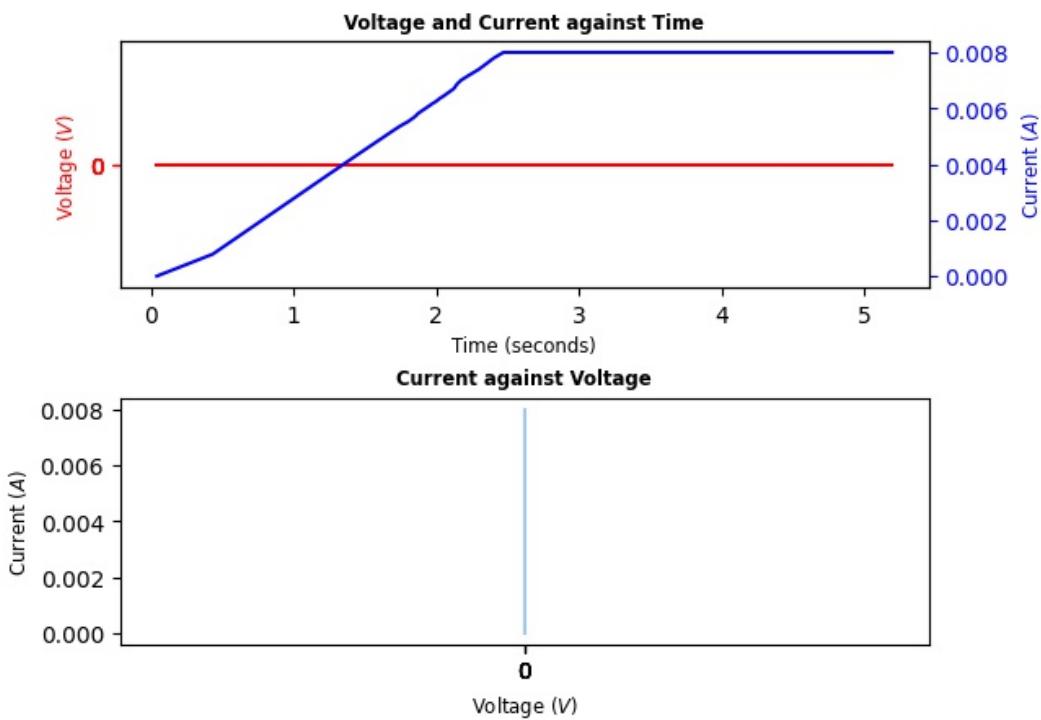
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset



## Probe B plots



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Stimulated at 04:56:29PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

Platinum Voltage =

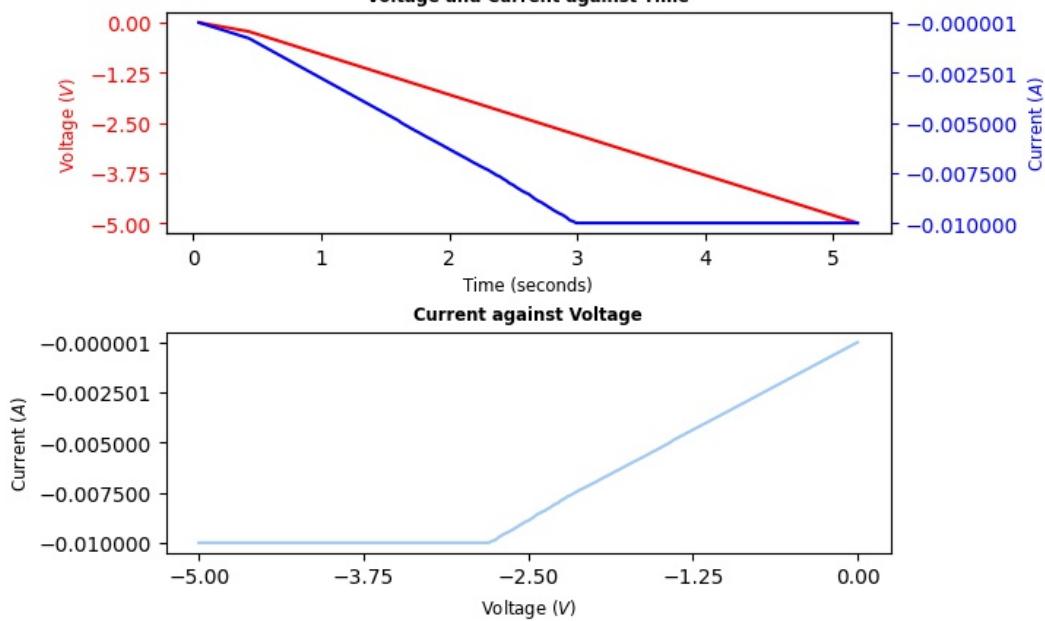
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset, following Ohms law

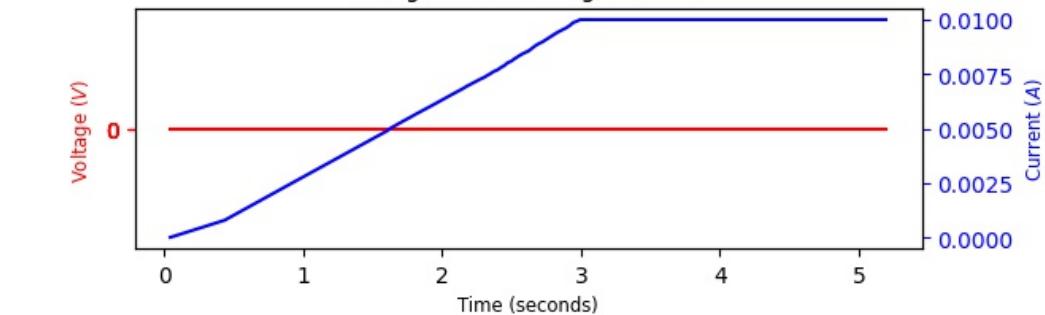
### Probe A plots

Voltage and Current against Time

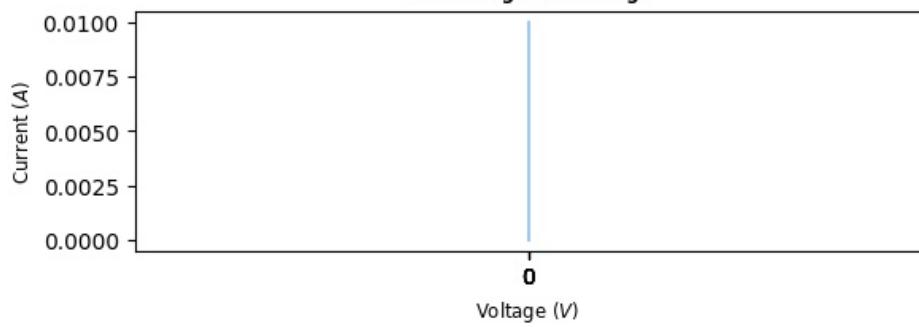


### Probe B plots

Voltage and Current against Time



Current against Voltage



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