

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

- Cell Size = 10um
  - Number of Times Accessed = 56
  - Last Stimulated = 2022/March/28 at 05:01:39PM
- 

Stimulated at 05:06:35PM on 2022/March/25

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

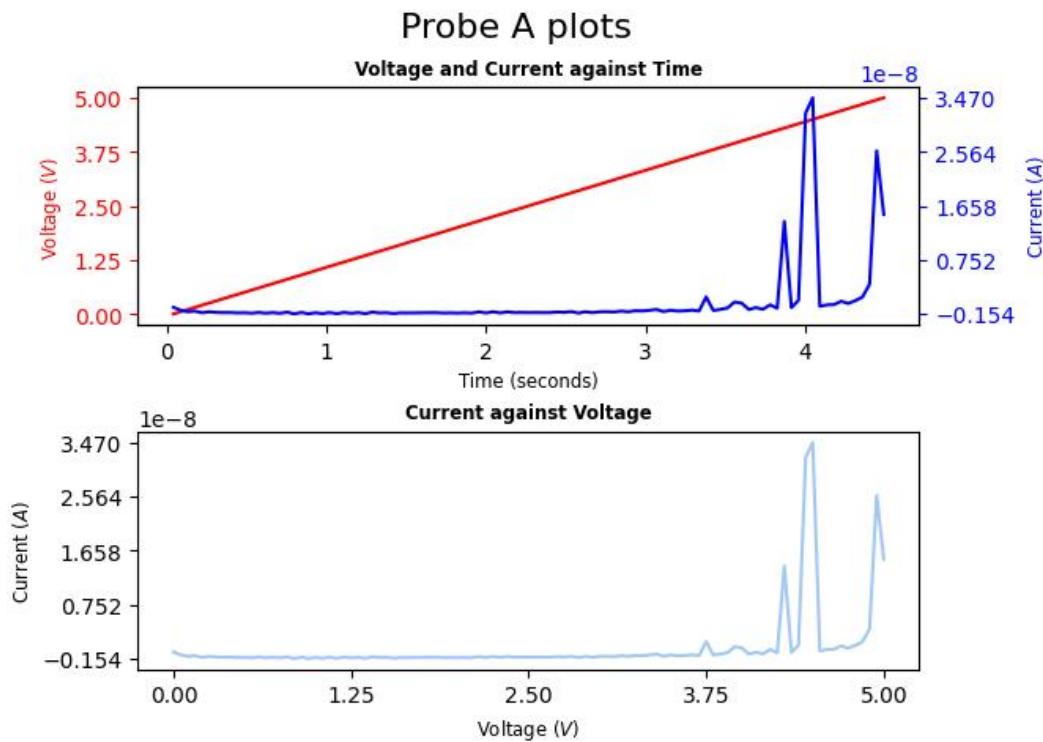
Compliance Current = 20.0uA

Platinum Voltage =

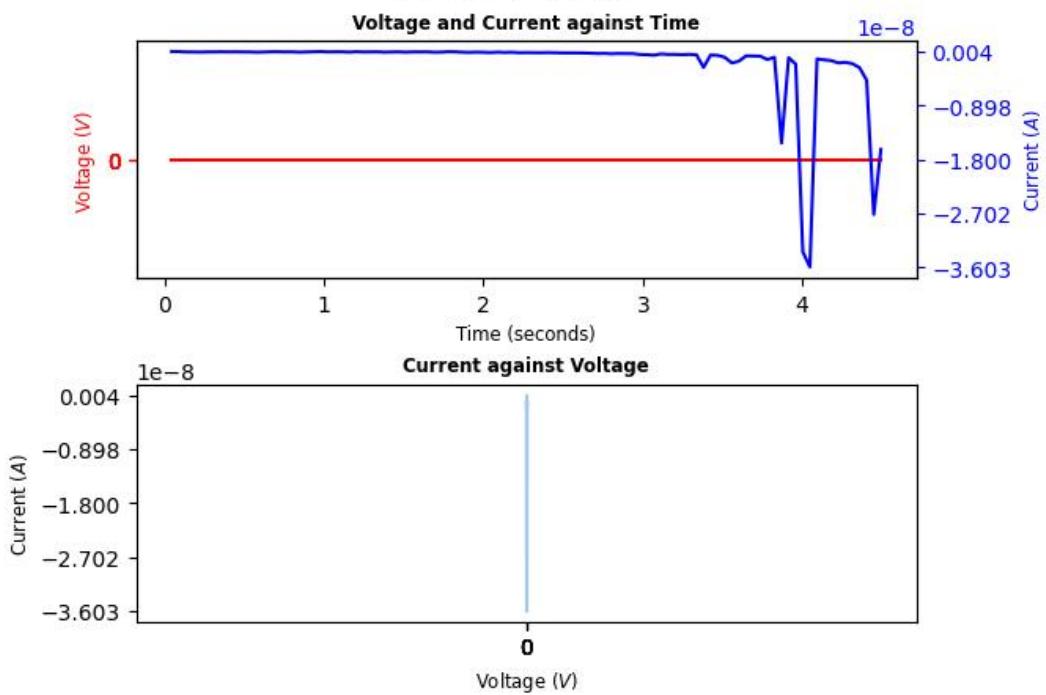
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not form



### Probe B plots



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Stimulated at 05:07:05PM on 2022/March/25

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

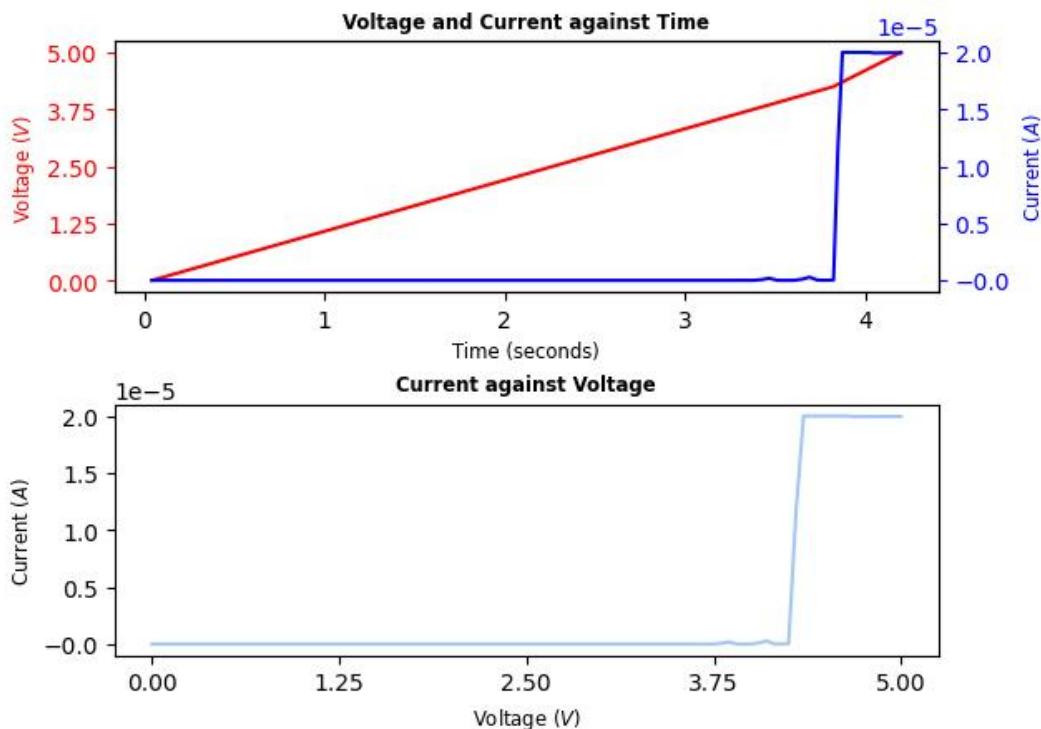
Platinum Voltage =

Copper Voltage =

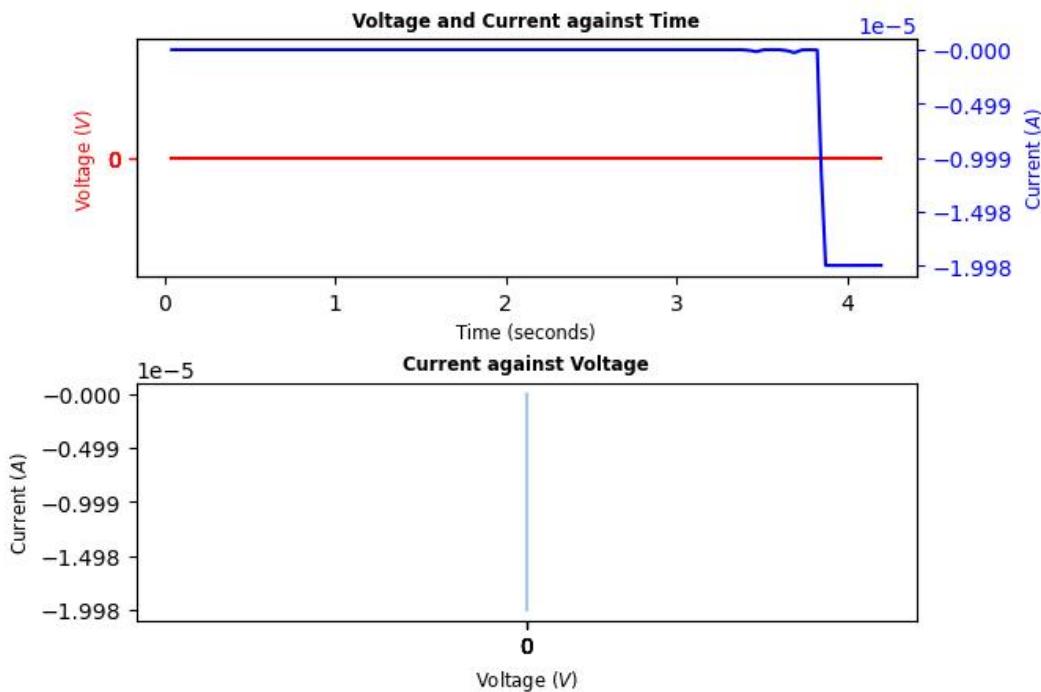
Run Folder Name = <2 probe, so invalid>

Comments = Formed 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

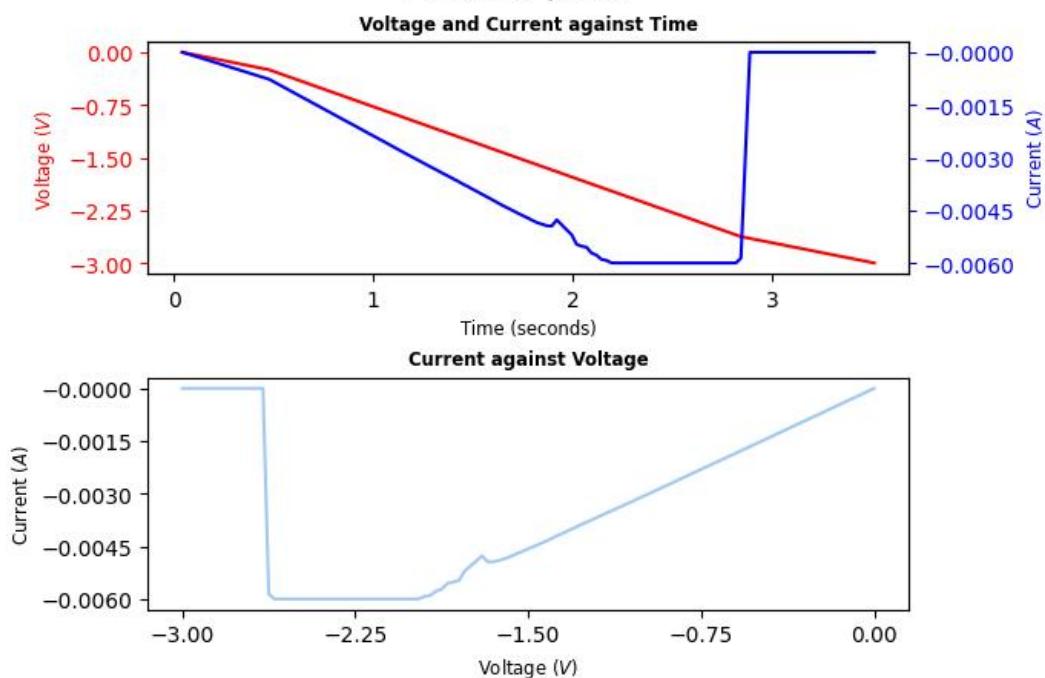
Platinum Voltage =

Copper Voltage =

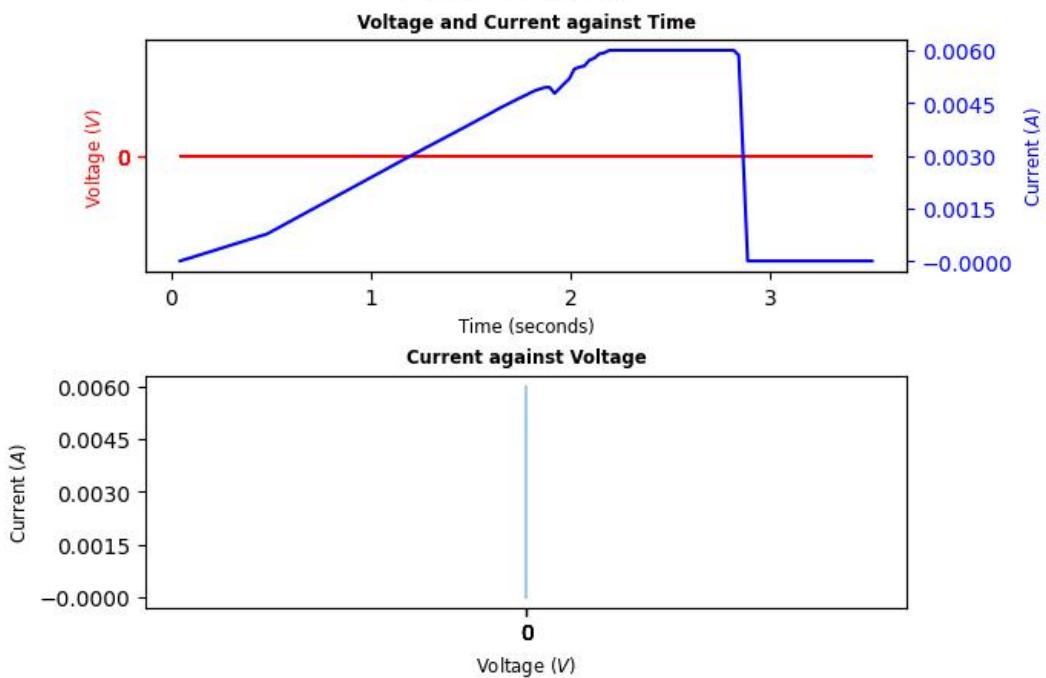
Run Folder Name = <2 probe, so invalid>

Comments = Reset, similar behavior to previous reset cell

### Probe A plots



## Probe B plots



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Stimulated at 05:08:25PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

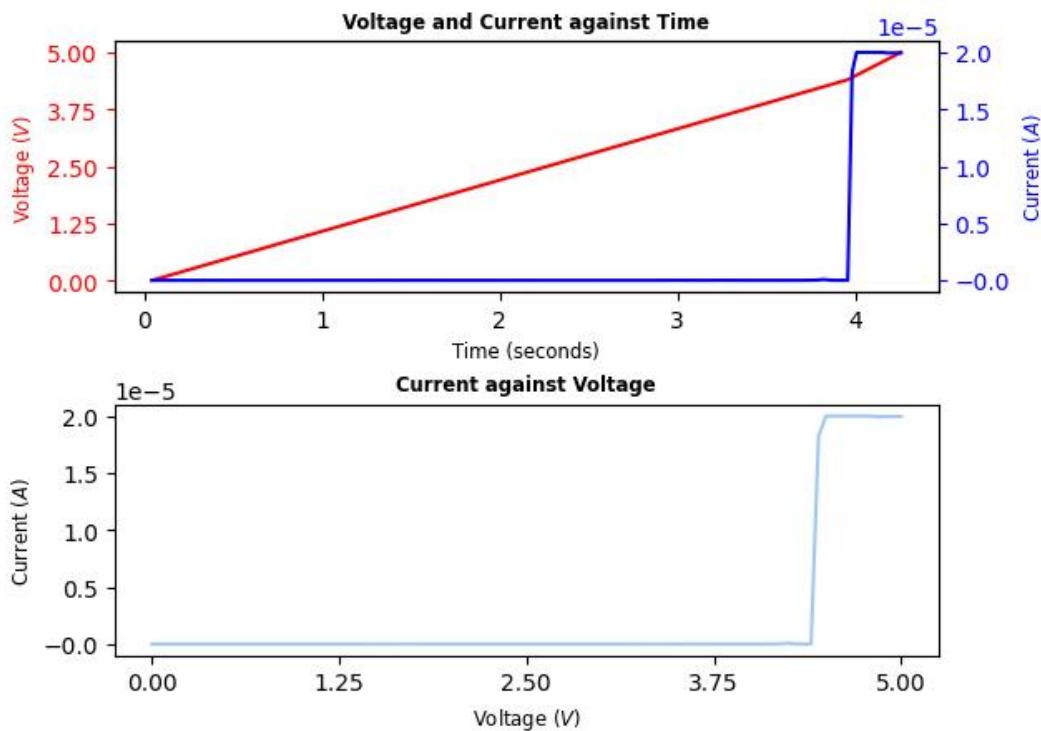
Platinum Voltage =

Copper Voltage =

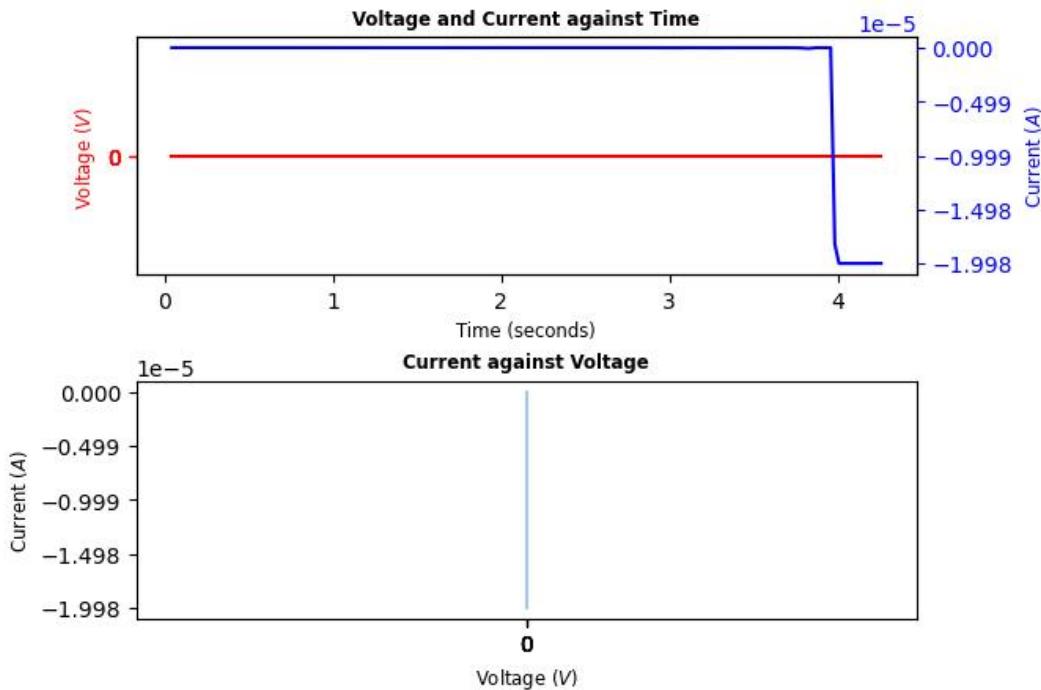
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4.45V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

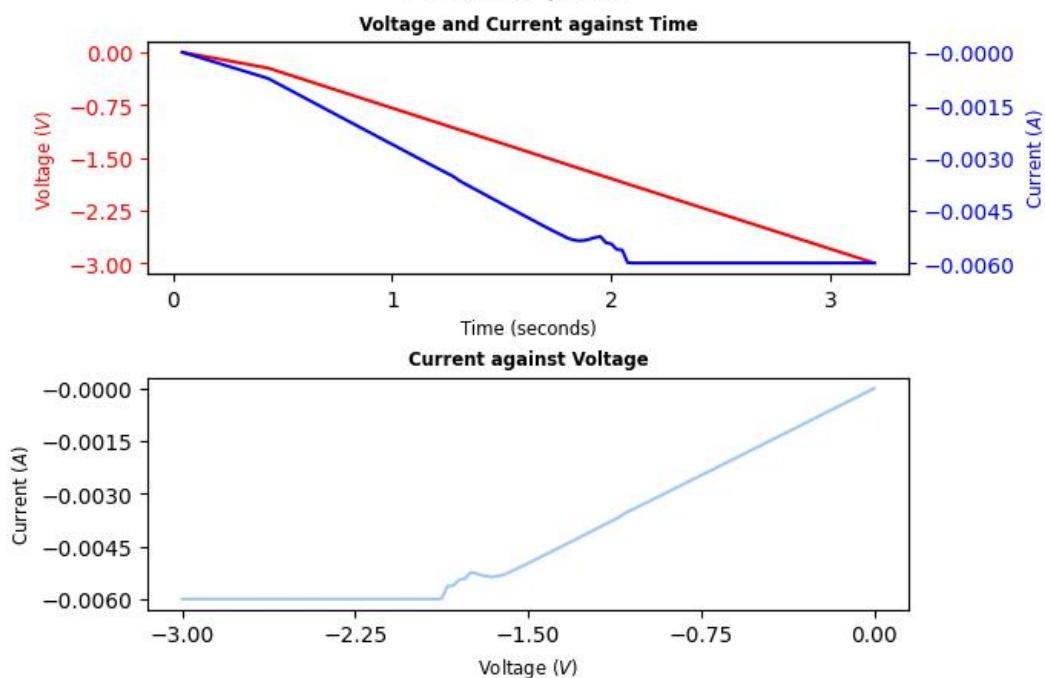
Platinum Voltage =

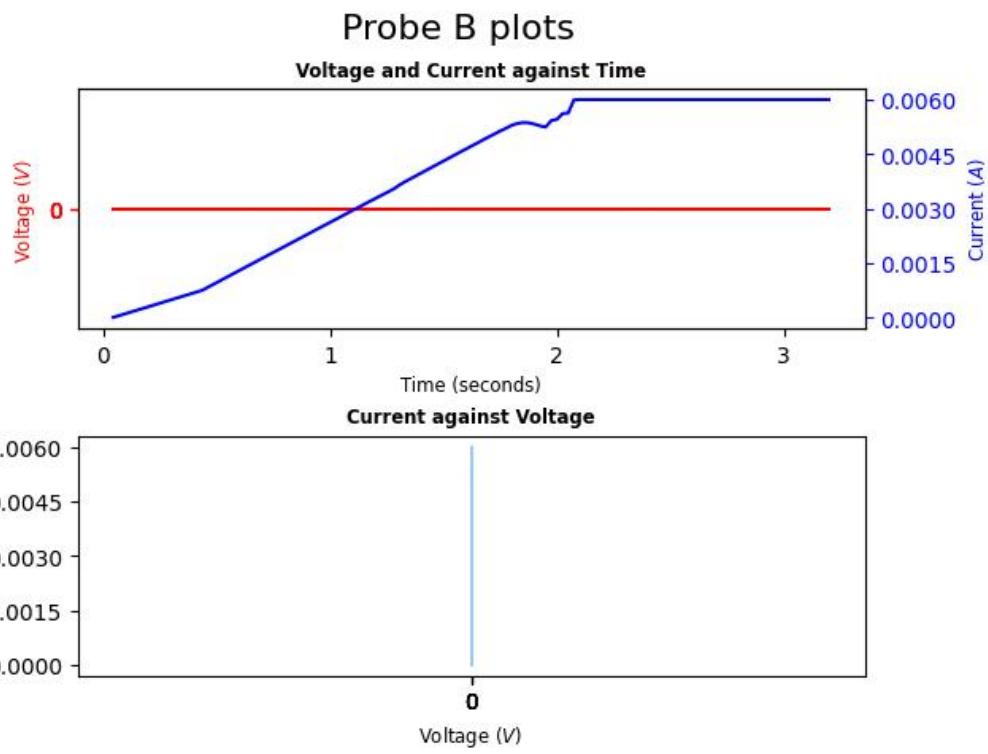
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not reset

### Probe A plots





Stimulated at 05:09:21PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

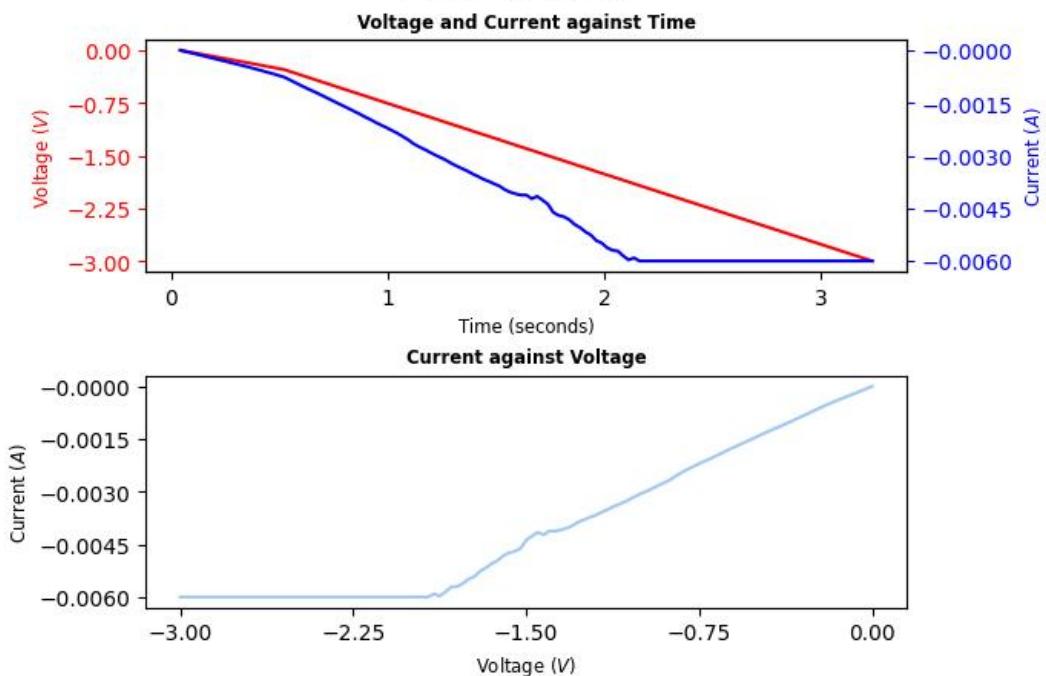
Platinum Voltage =

Copper Voltage =

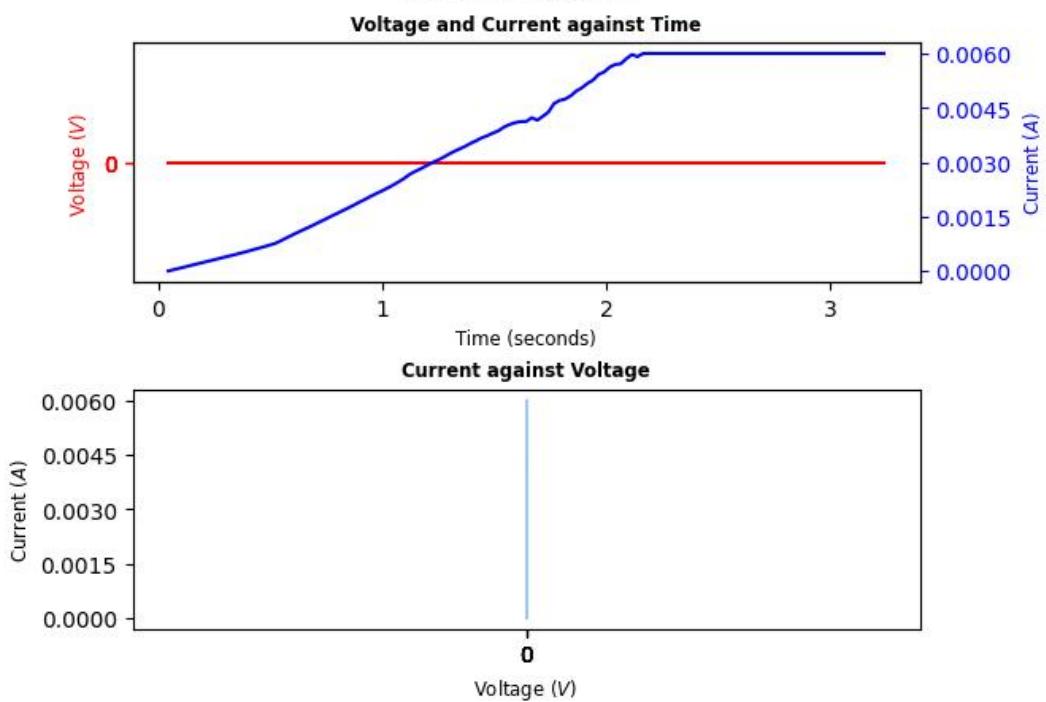
Run Folder Name = <2 probe, so invalid>

Comments = No Reset

### Probe A plots



### Probe B plots



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Stimulated at 05:09:52PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

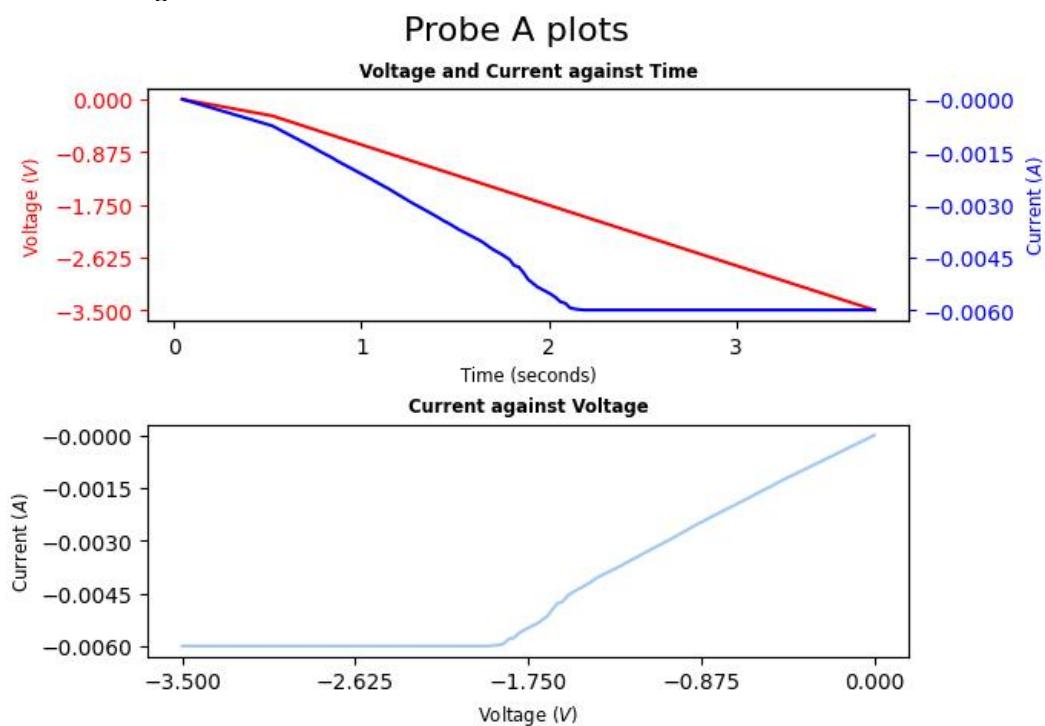
Compliance Current = 6.0mA

Platinum Voltage =

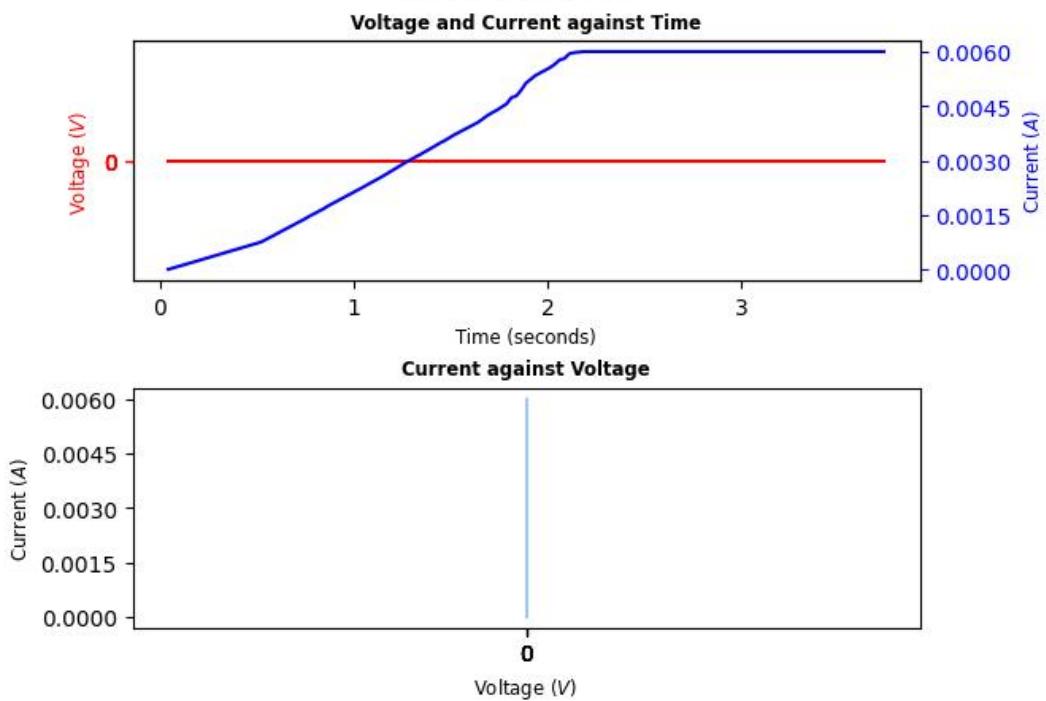
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not reset again



## Probe B plots



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Stimulated at 05:10:27PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

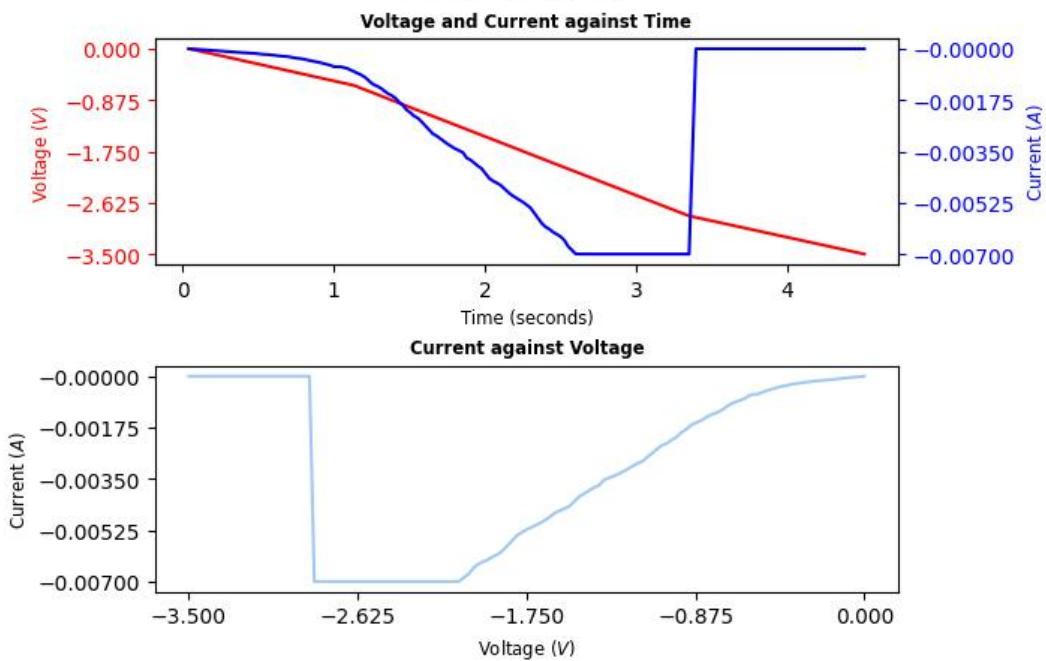
Platinum Voltage =

Copper Voltage =

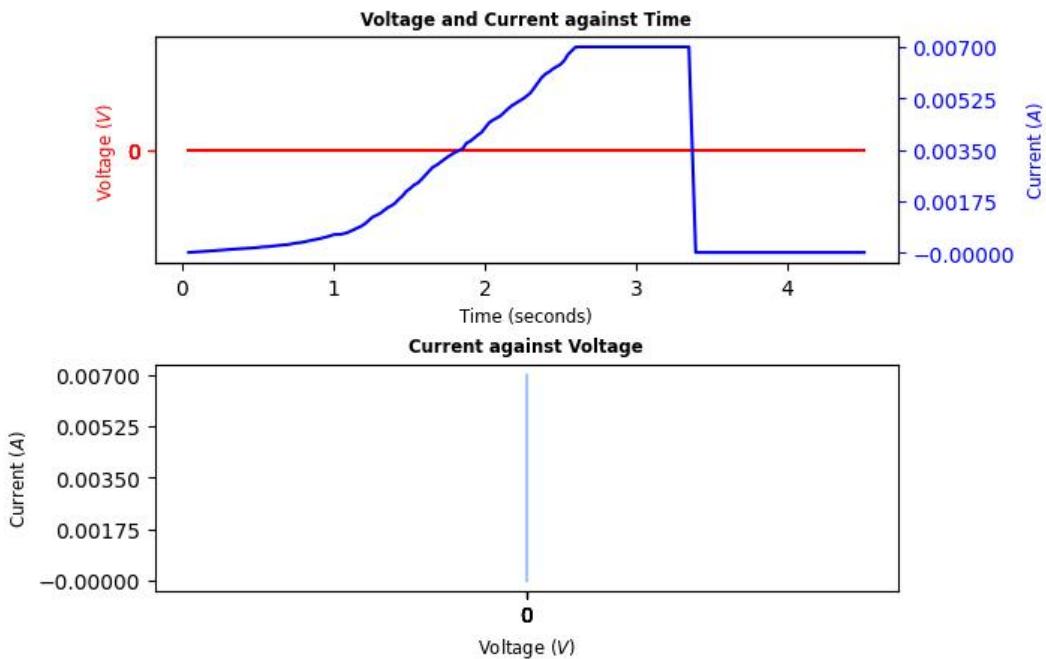
Run Folder Name = <2 probe, so invalid>

Comments = Reset

### Probe A plots



### Probe B plots



Stimulated at 05:10:54PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

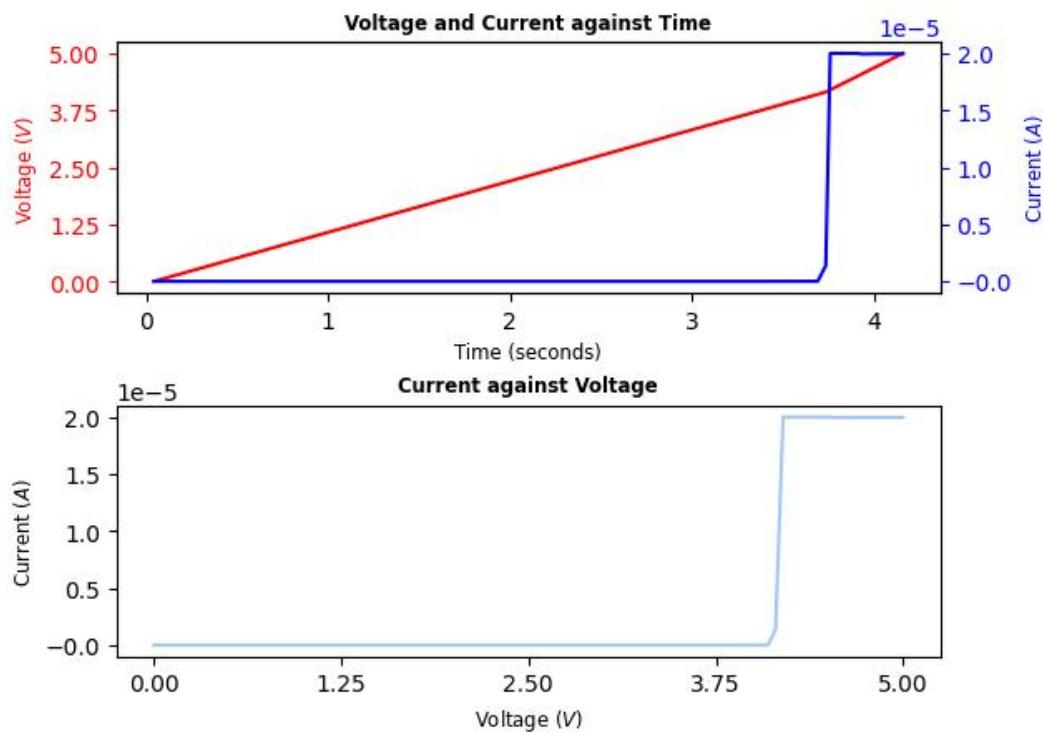
Platinum Voltage =

Copper Voltage =

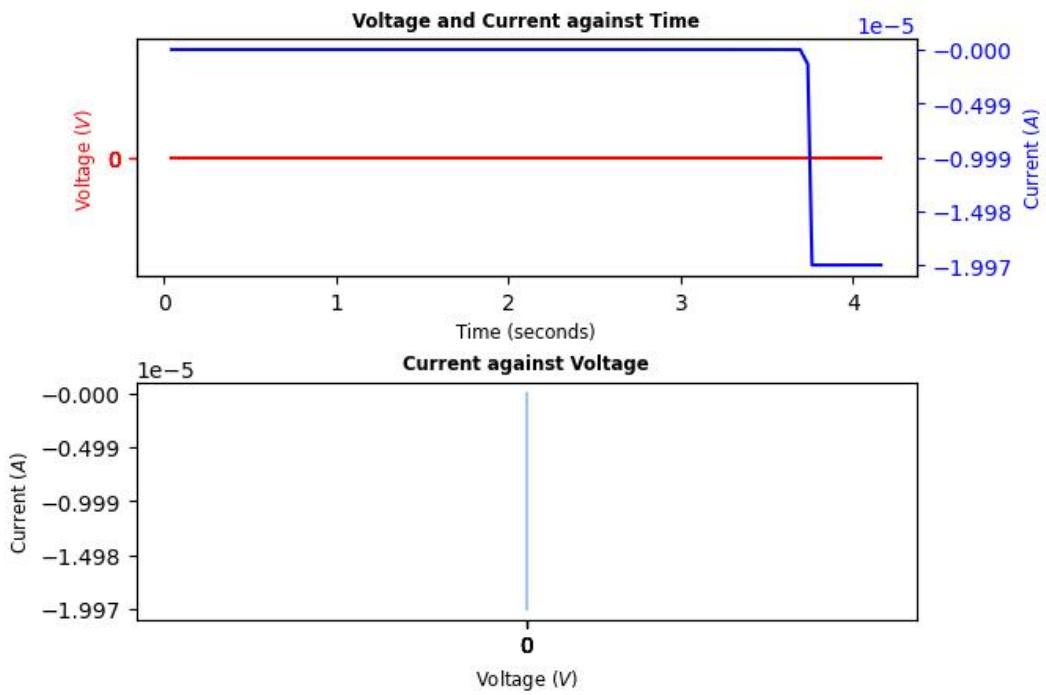
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4.2V

### Probe A plots



### Probe B plots



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Stimulated at 05:11:24PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

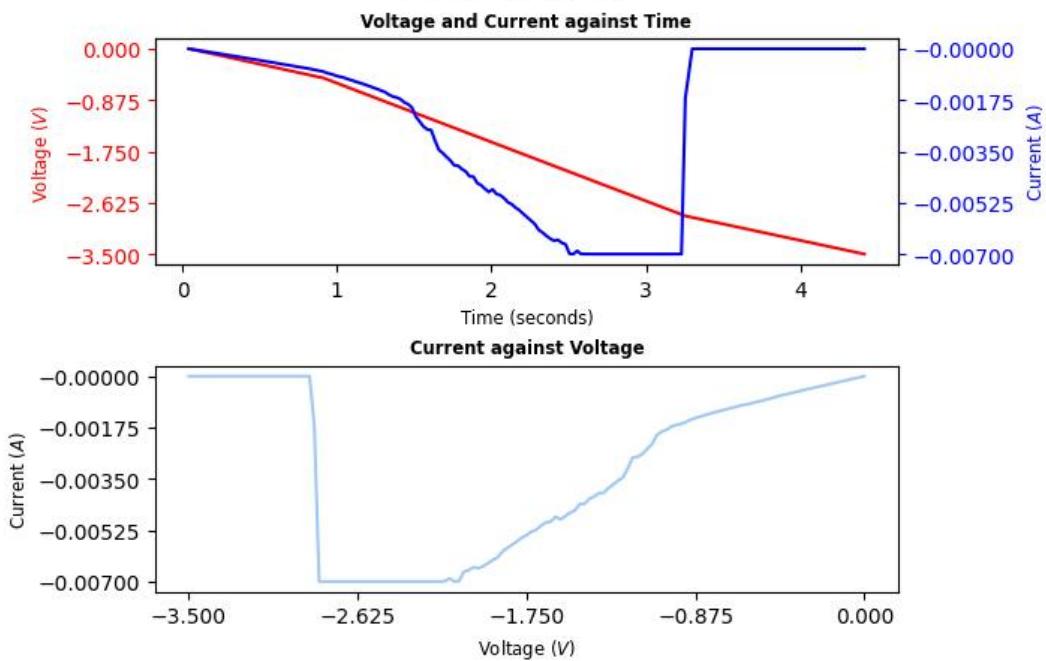
Platinum Voltage =

Copper Voltage =

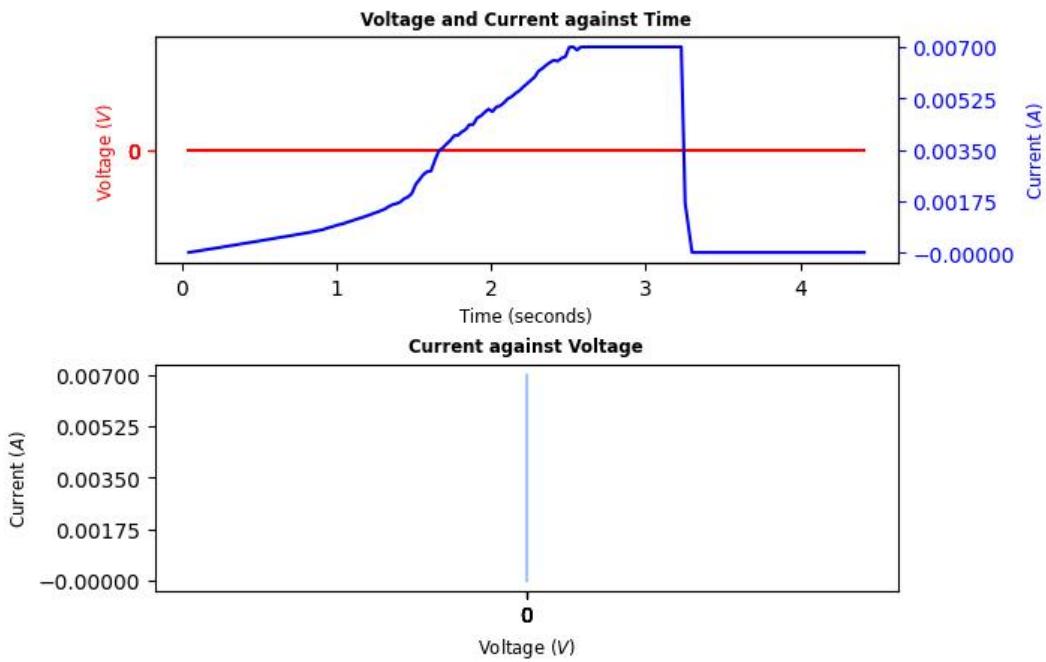
Run Folder Name = <2 probe, so invalid>

Comments = Reset, non constant slope

### Probe A plots



### Probe B plots



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Stimulated at 05:12:01PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

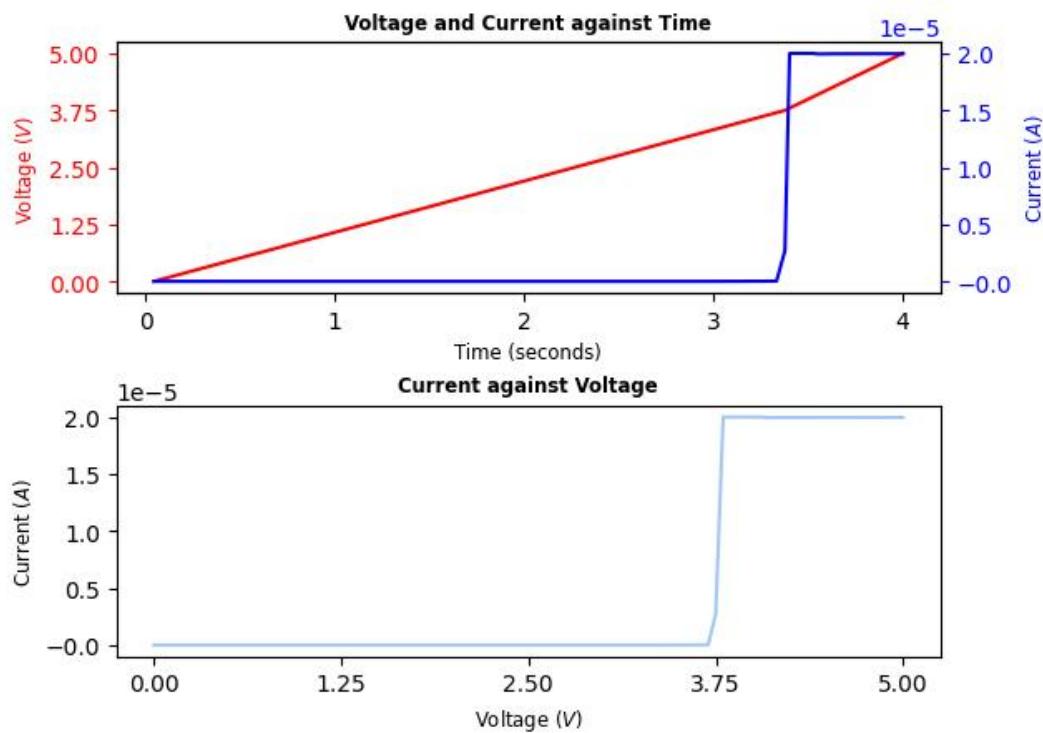
Platinum Voltage =

Copper Voltage =

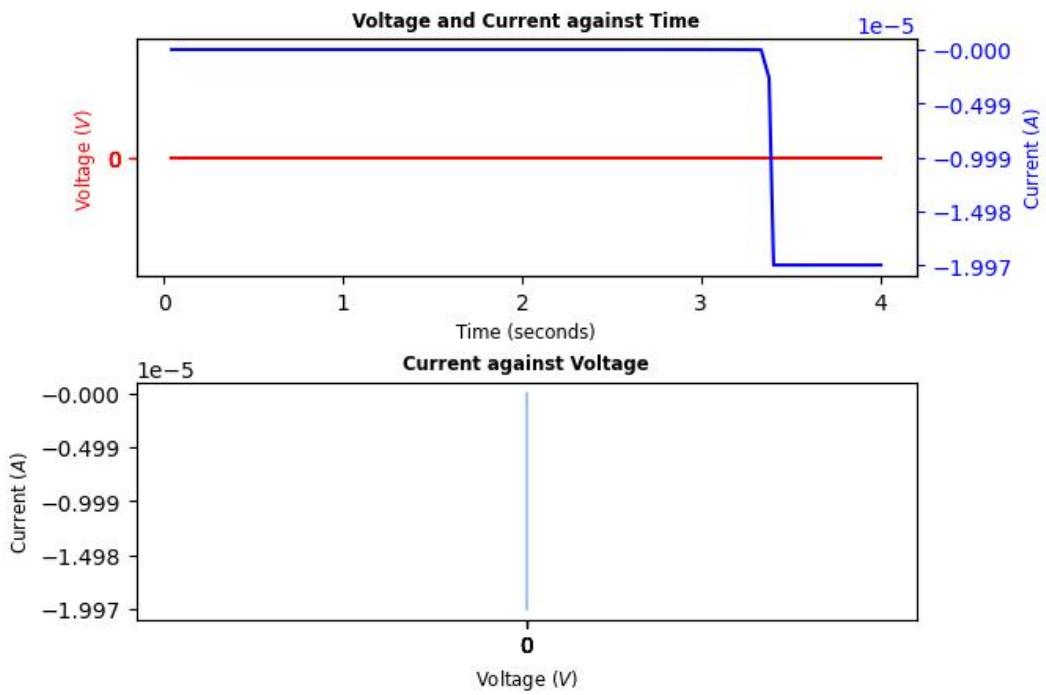
Run Folder Name = <2 probe, so invalid>

Comments = Set 3.8V

### Probe A plots



### Probe B plots



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Stimulated at 05:13:10PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

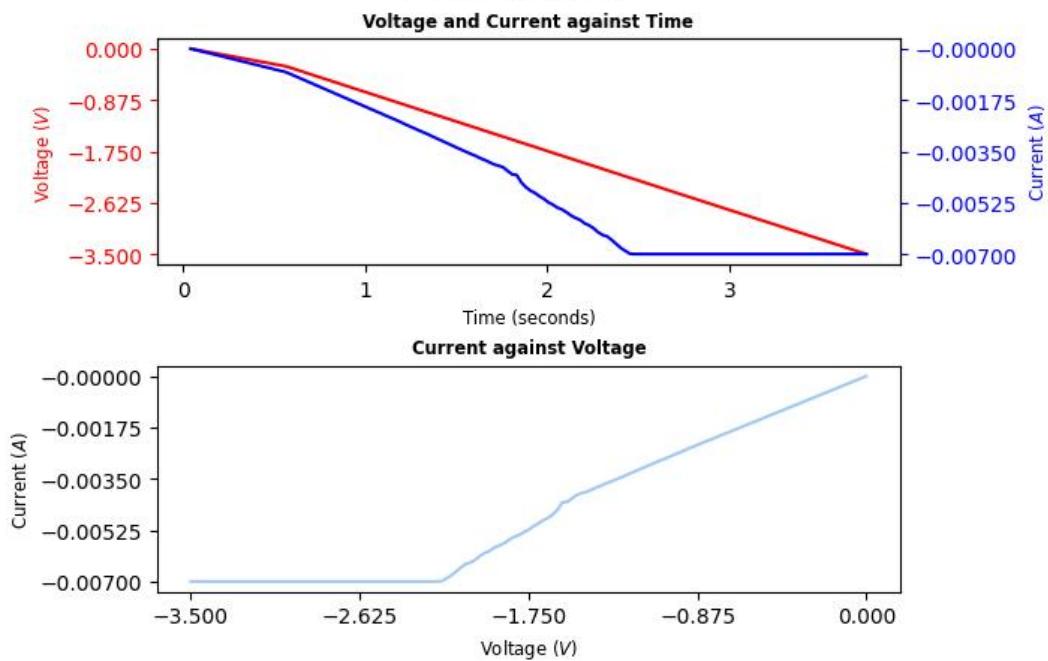
Platinum Voltage =

Copper Voltage =

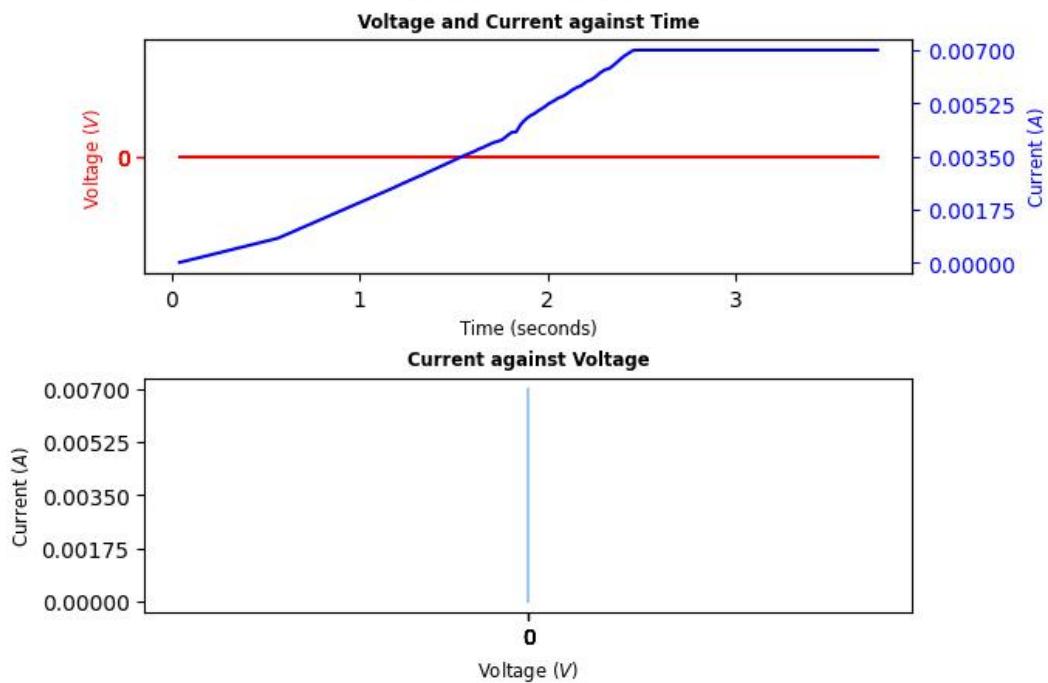
Run Folder Name = <2 probe, so invalid>

Comments = Did not reset

### Probe A plots



### Probe B plots



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Stimulated at 05:13:39PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

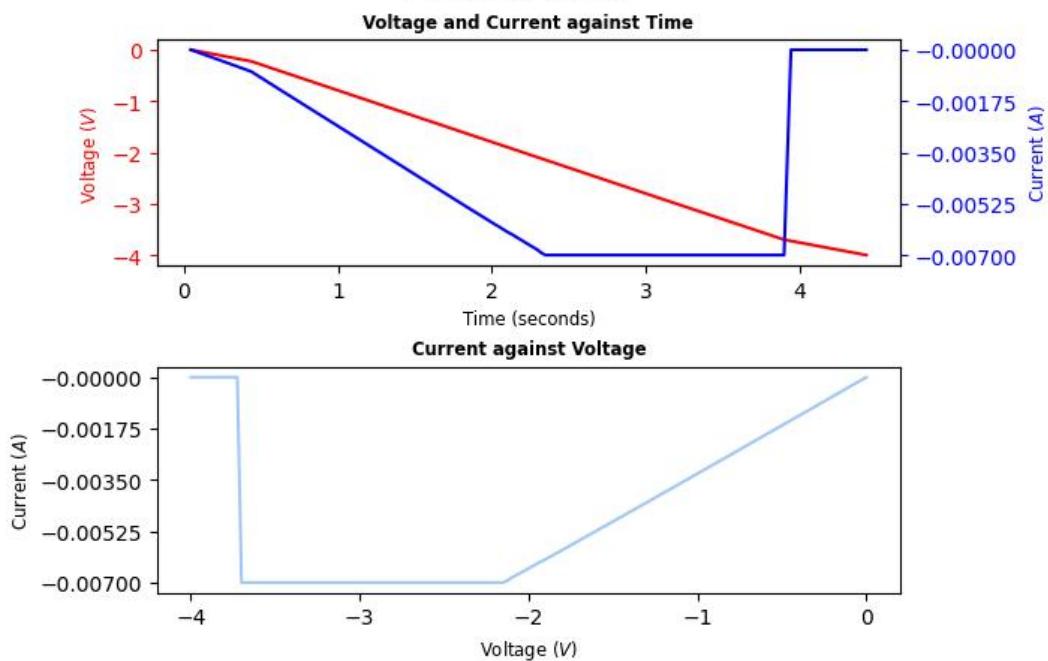
Platinum Voltage =

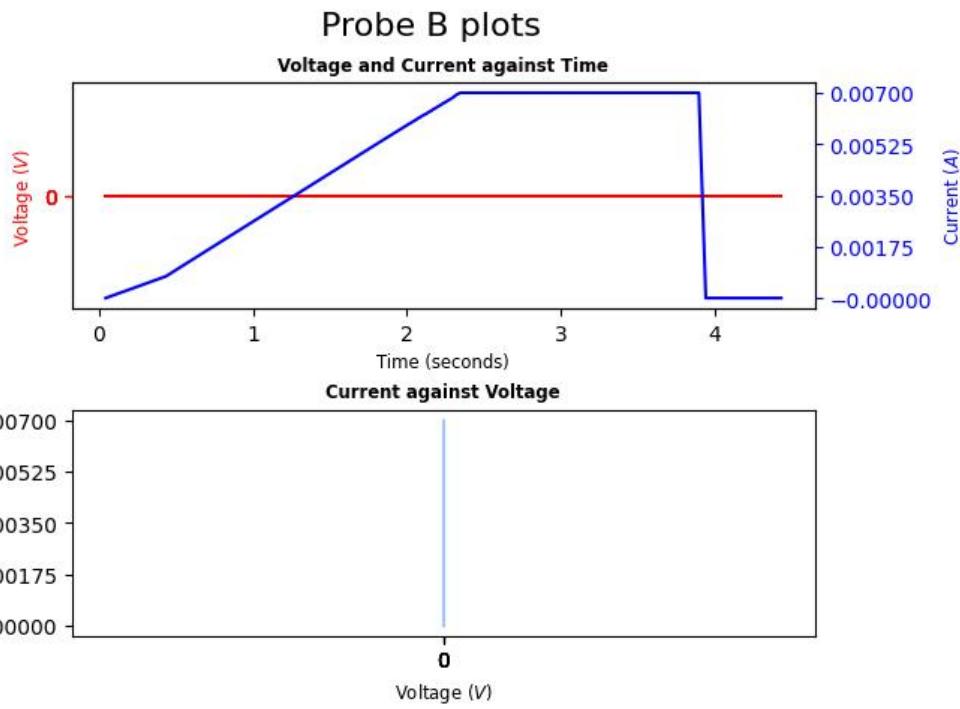
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Decided to reset

### Probe A plots





Stimulated at 05:14:15PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

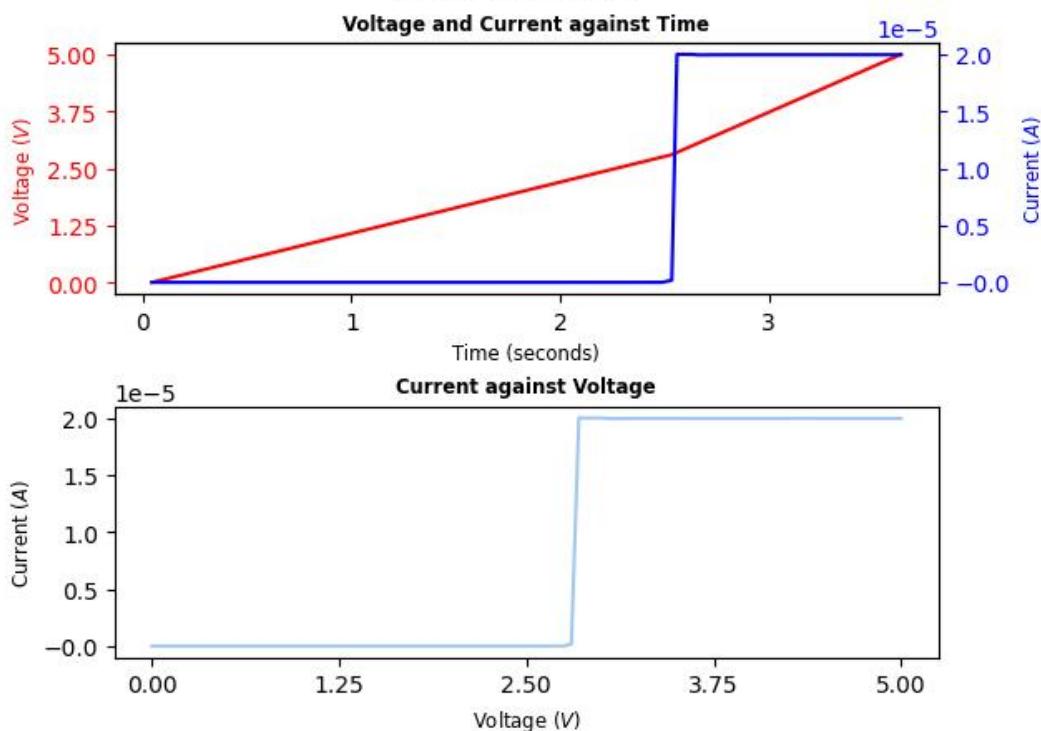
Platinum Voltage =

Copper Voltage =

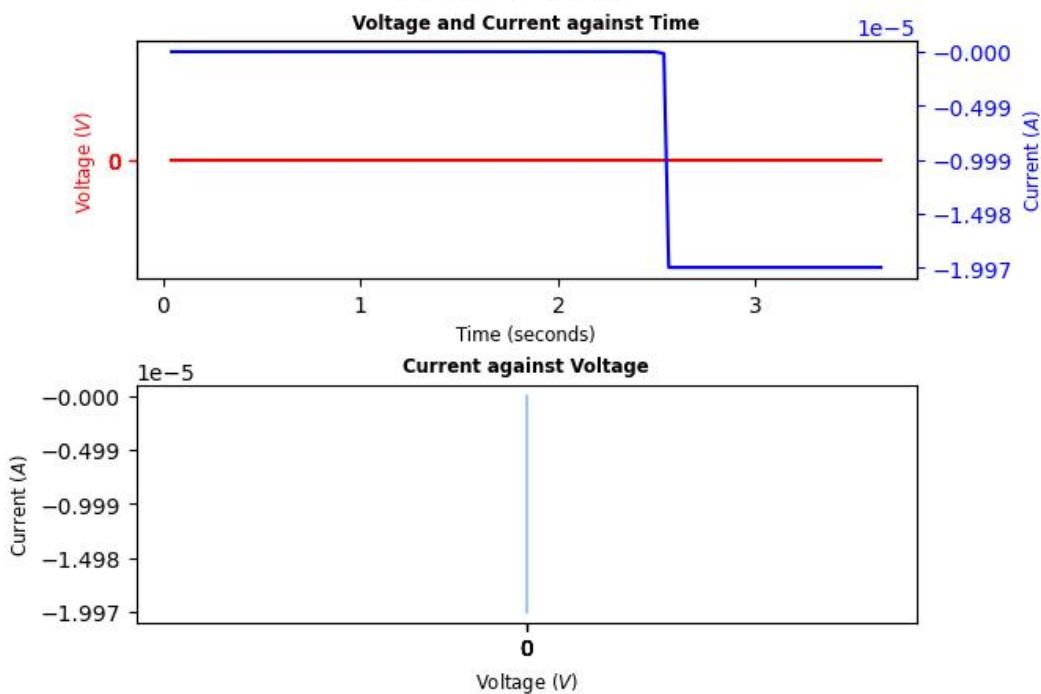
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.85V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

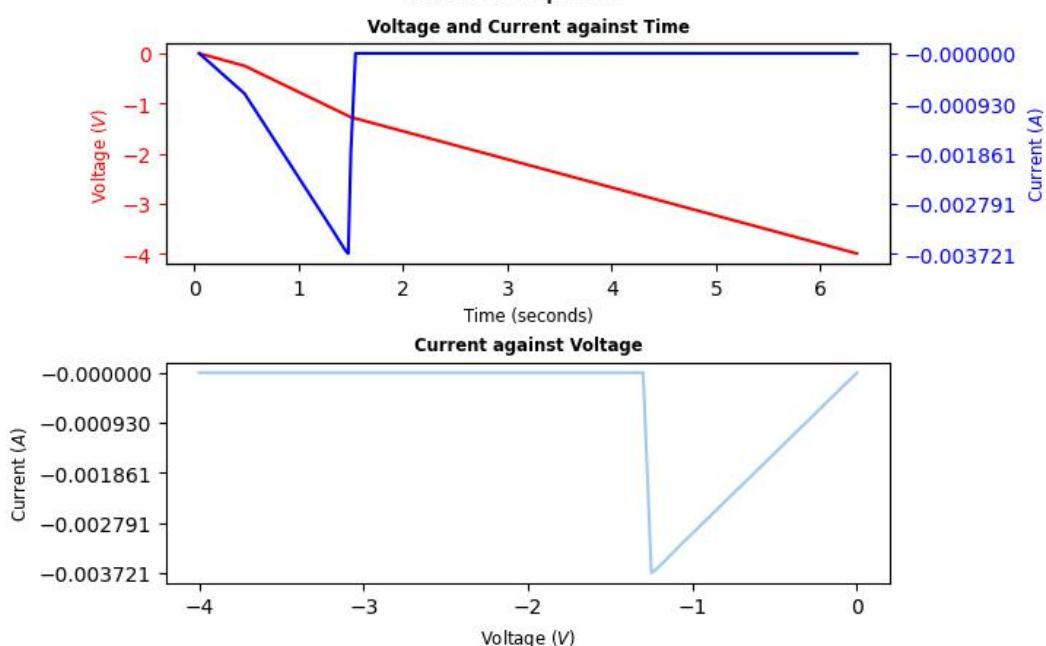
Platinum Voltage =

Copper Voltage =

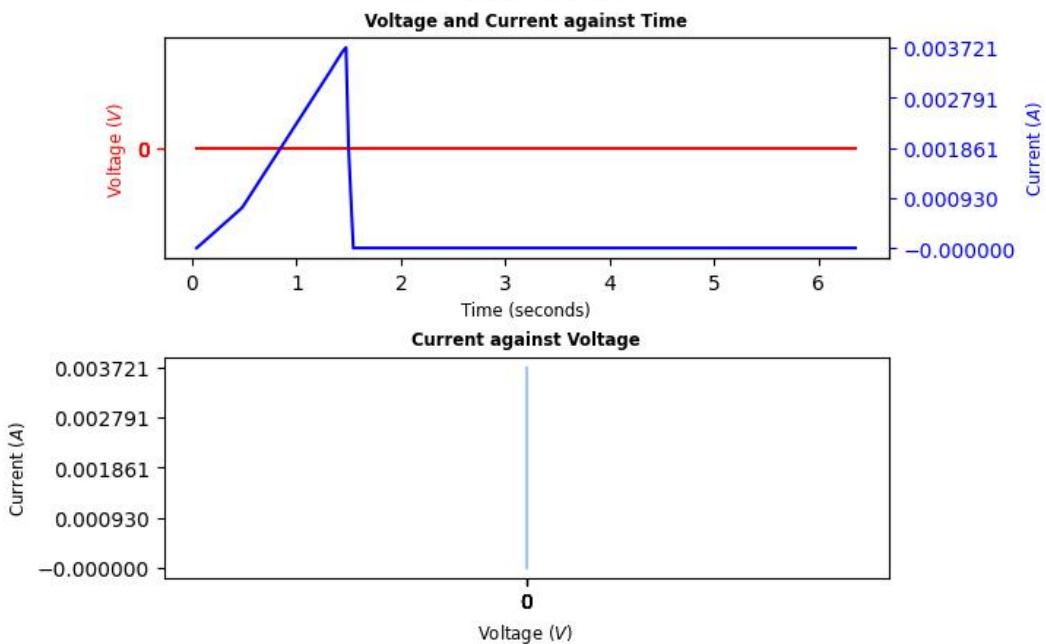
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

### Probe A plots



### Probe B plots



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Stimulated at 05:16:14PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

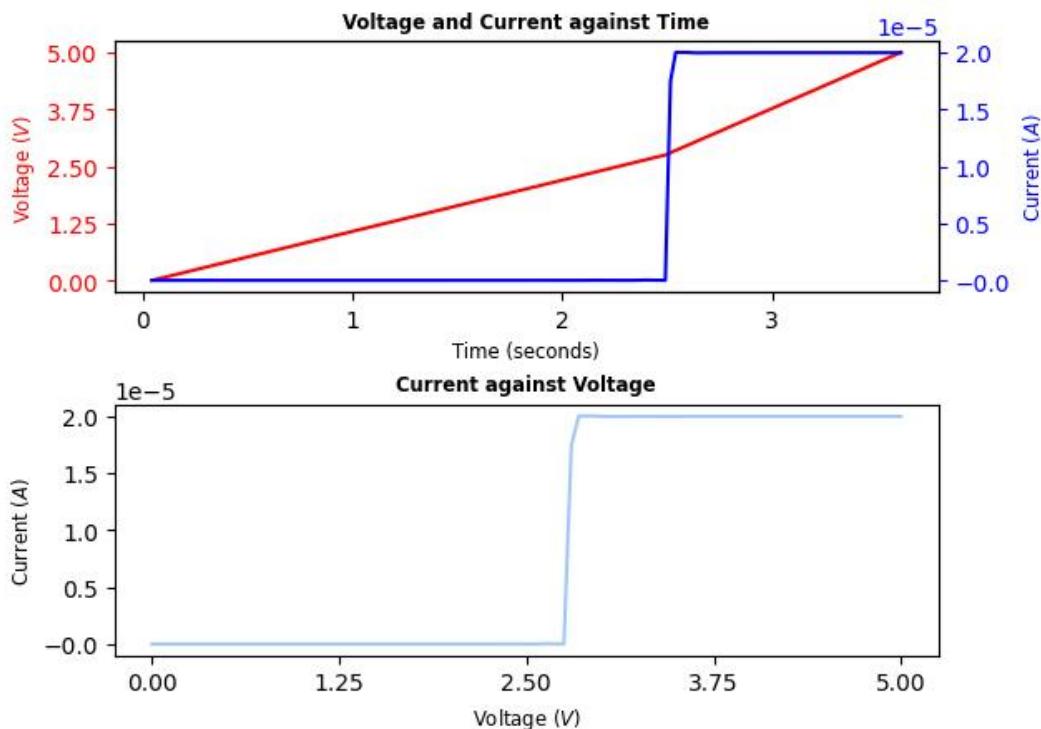
Platinum Voltage =

Copper Voltage =

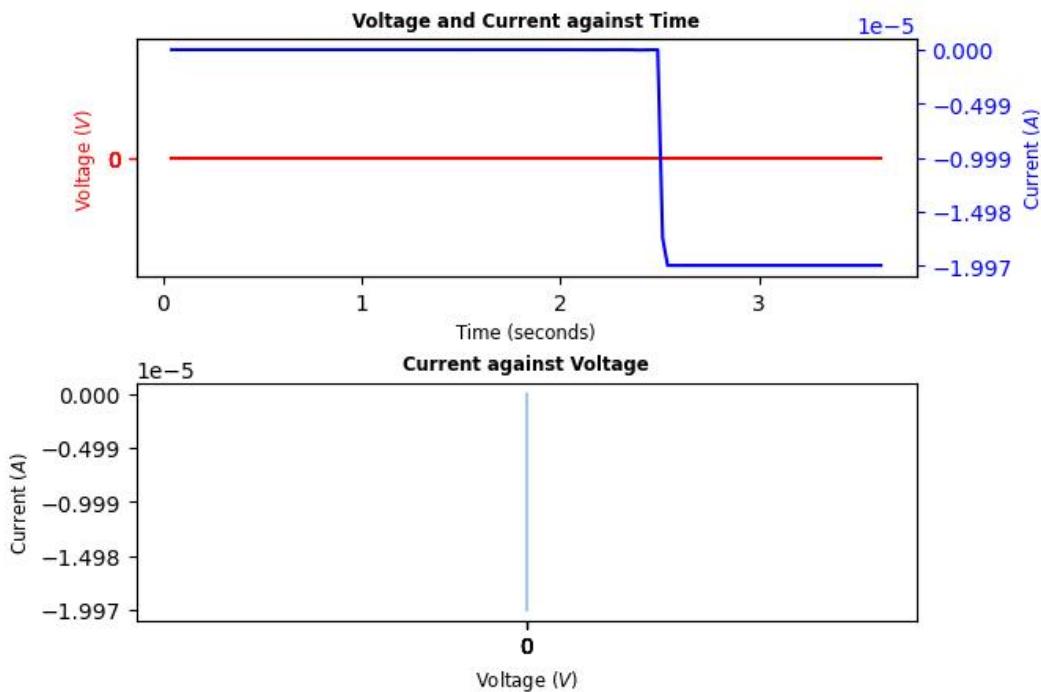
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.85V

### Probe A plots



### Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

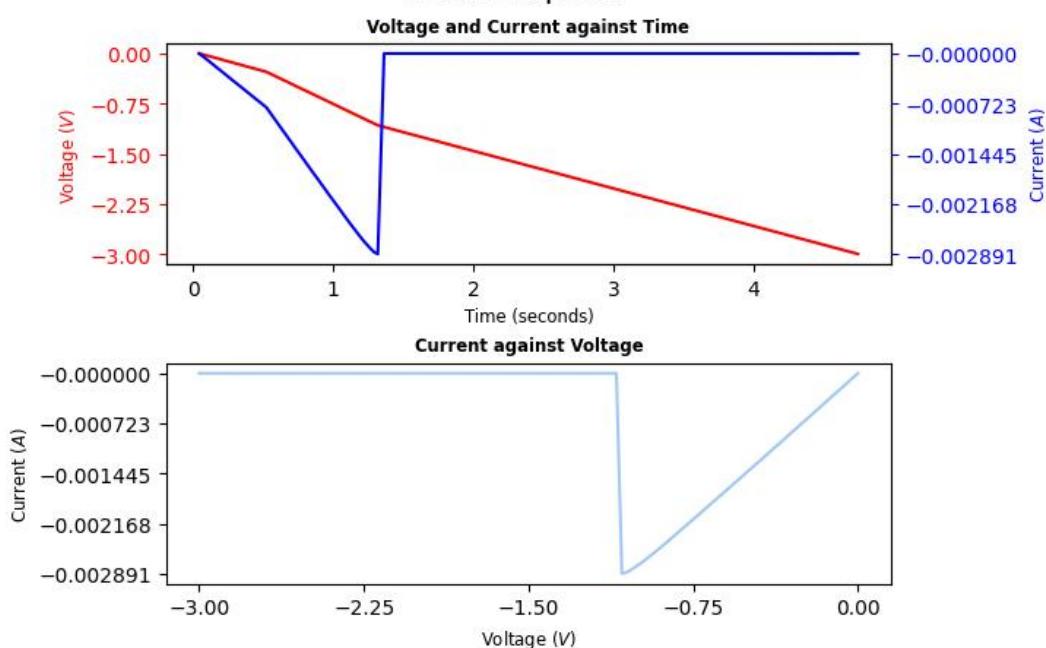
Platinum Voltage =

Copper Voltage =

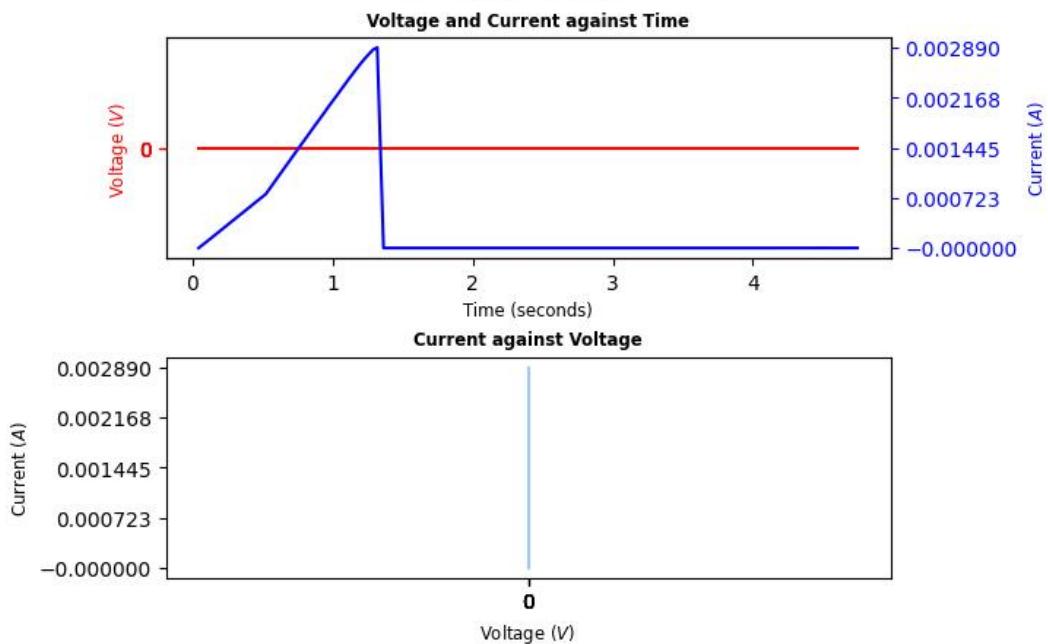
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely again

### Probe A plots



### Probe B plots



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Stimulated at 05:18:40PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 25.0uA

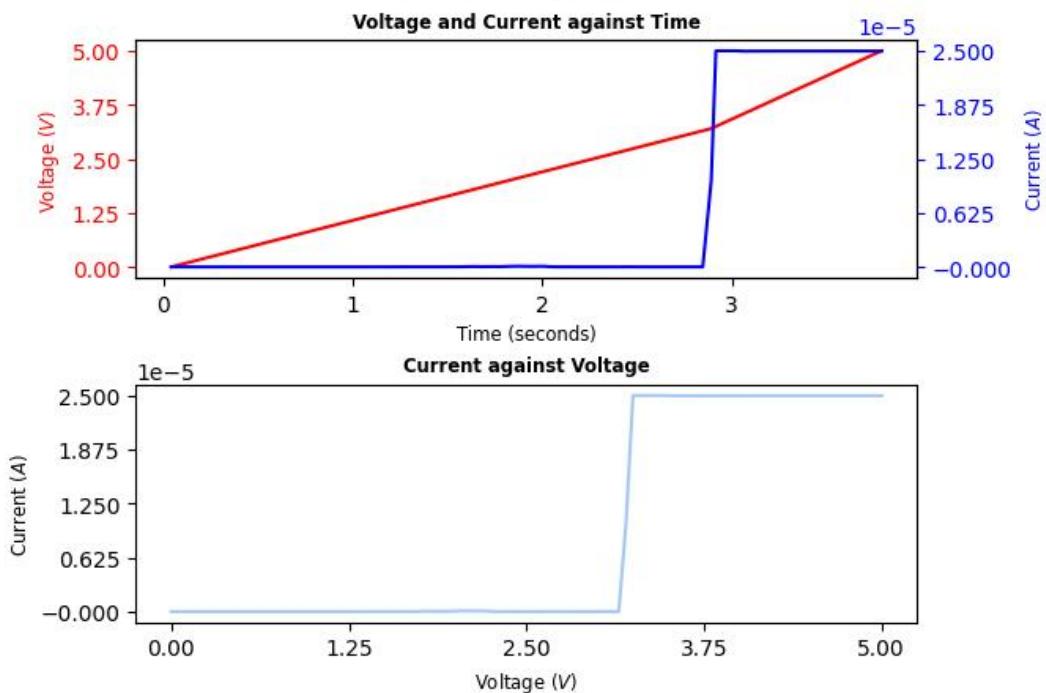
Platinum Voltage =

Copper Voltage =

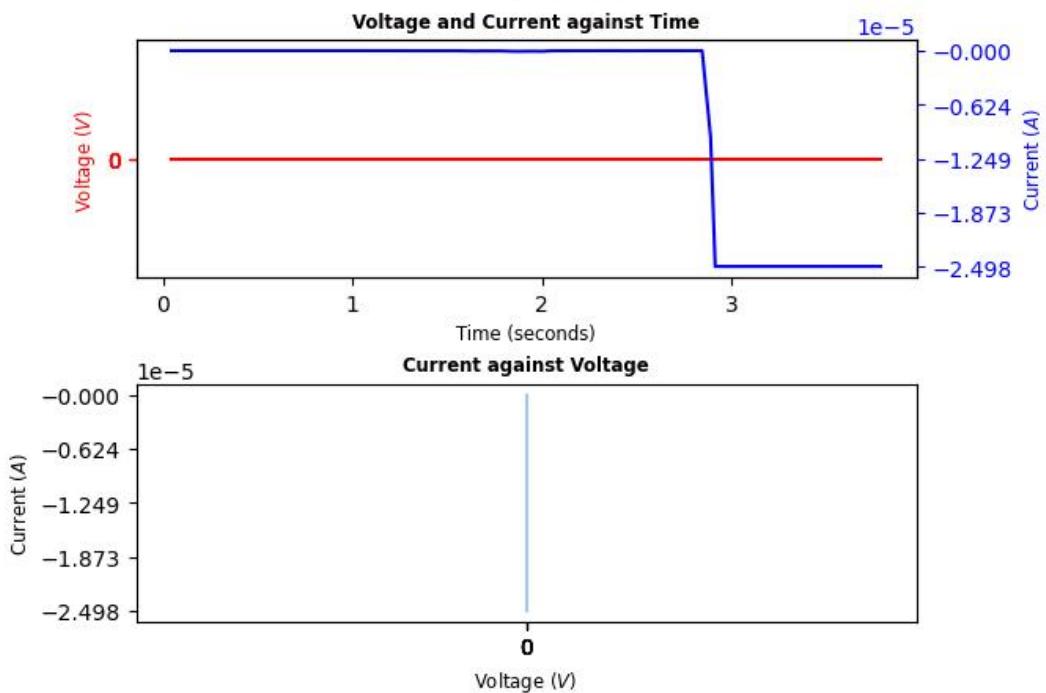
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.25V

### Probe A plots



### Probe B plots



Stimulated at 05:20:19PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

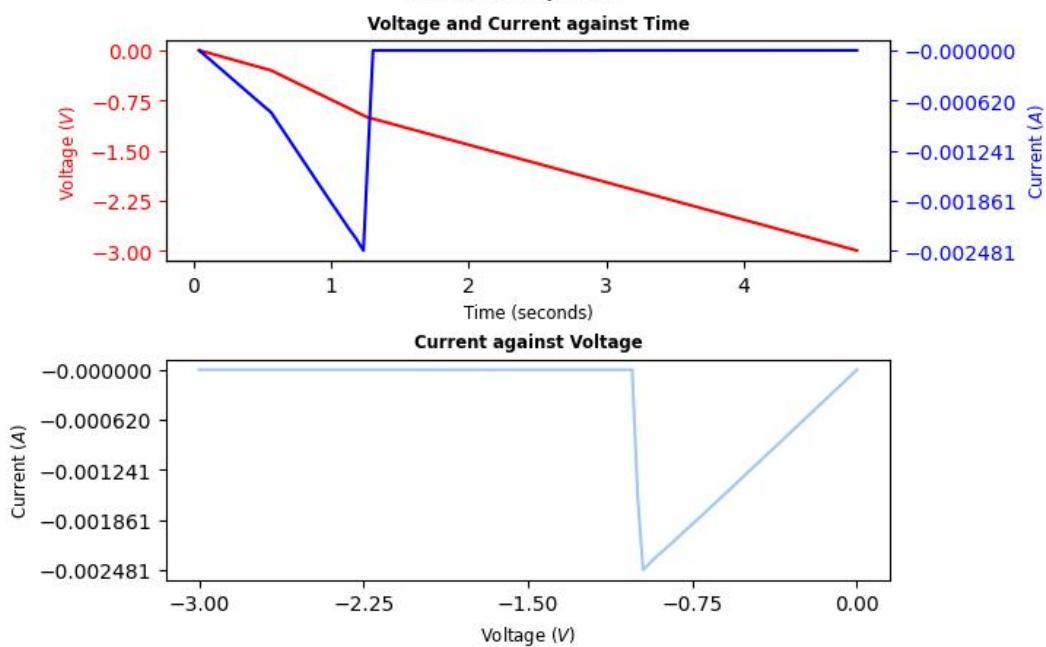
Platinum Voltage =

Copper Voltage =

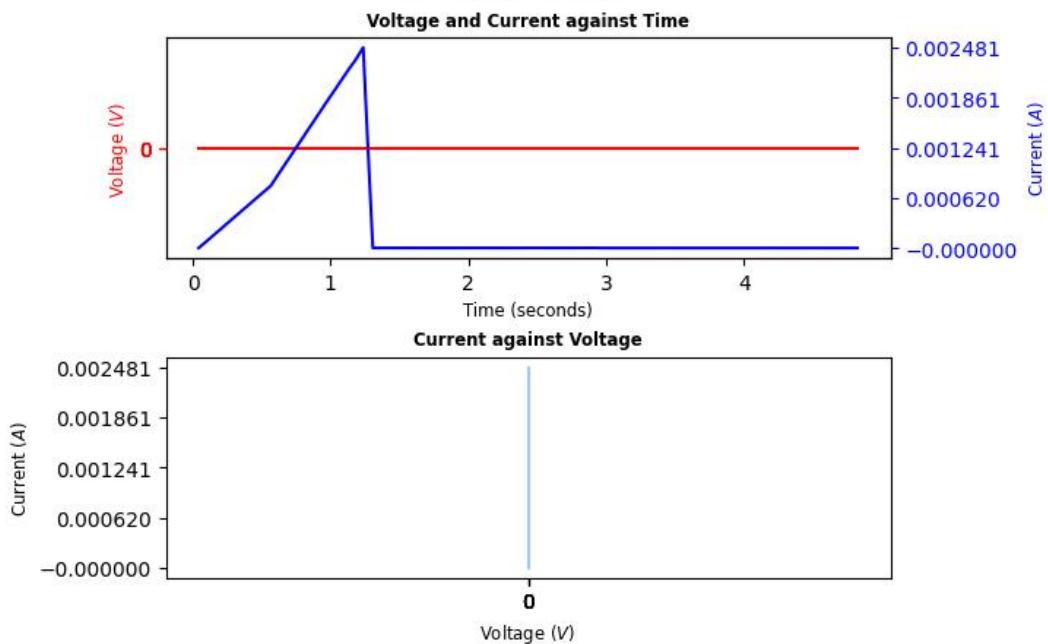
Run Folder Name = <2 probe, so invalid>

Comments = Reset, but slope was smaller instead of larger

### Probe A plots



### Probe B plots



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Stimulated at 05:20:59PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 25.0uA

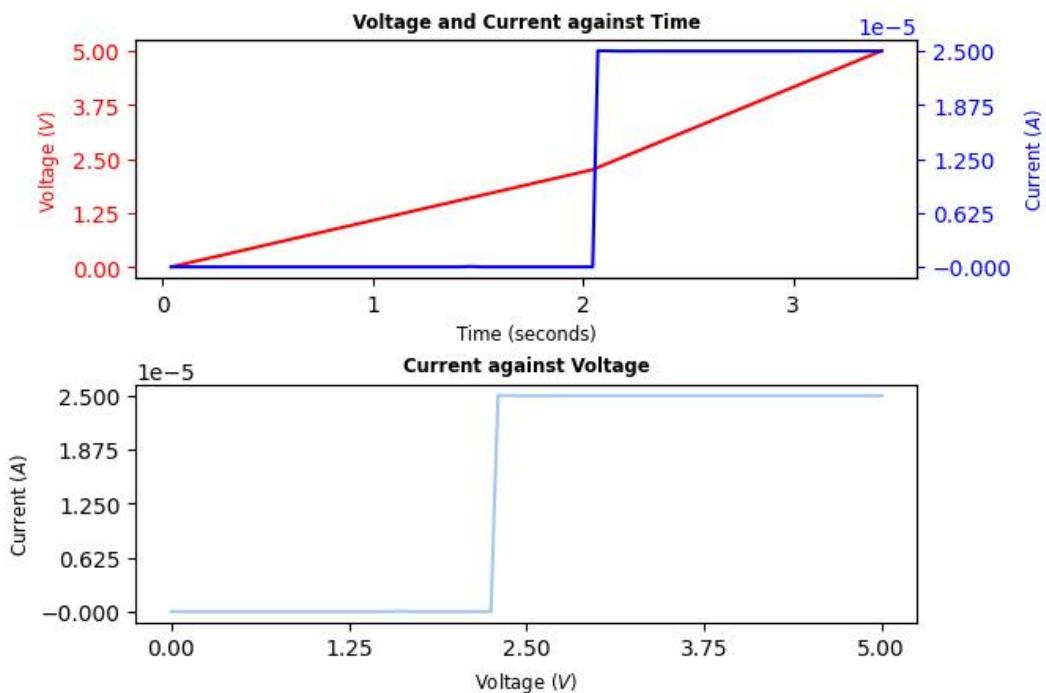
Platinum Voltage =

Copper Voltage =

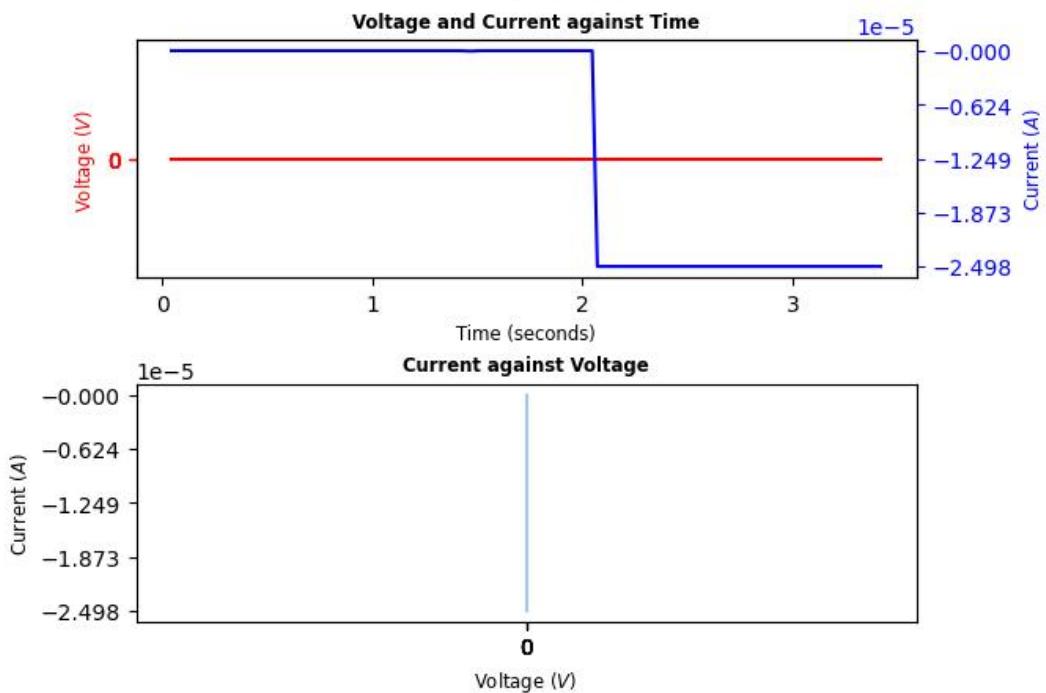
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.3V

### Probe A plots



### Probe B plots



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Stimulated at 05:21:57PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

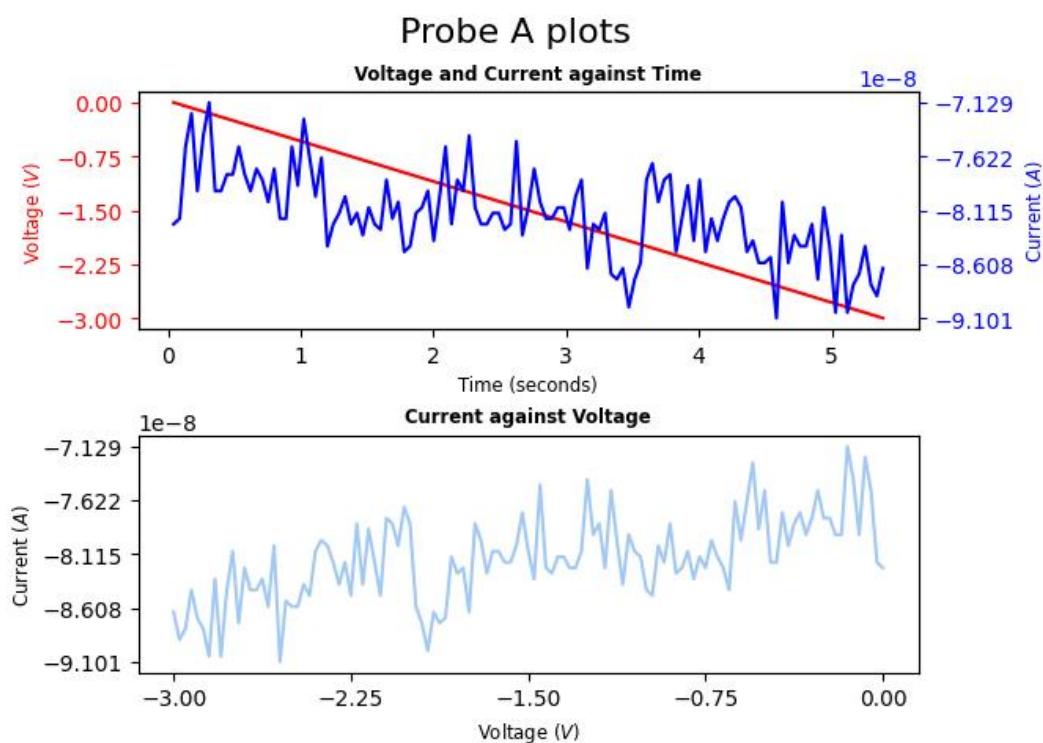
Compliance Current = 7.0mA

Platinum Voltage =

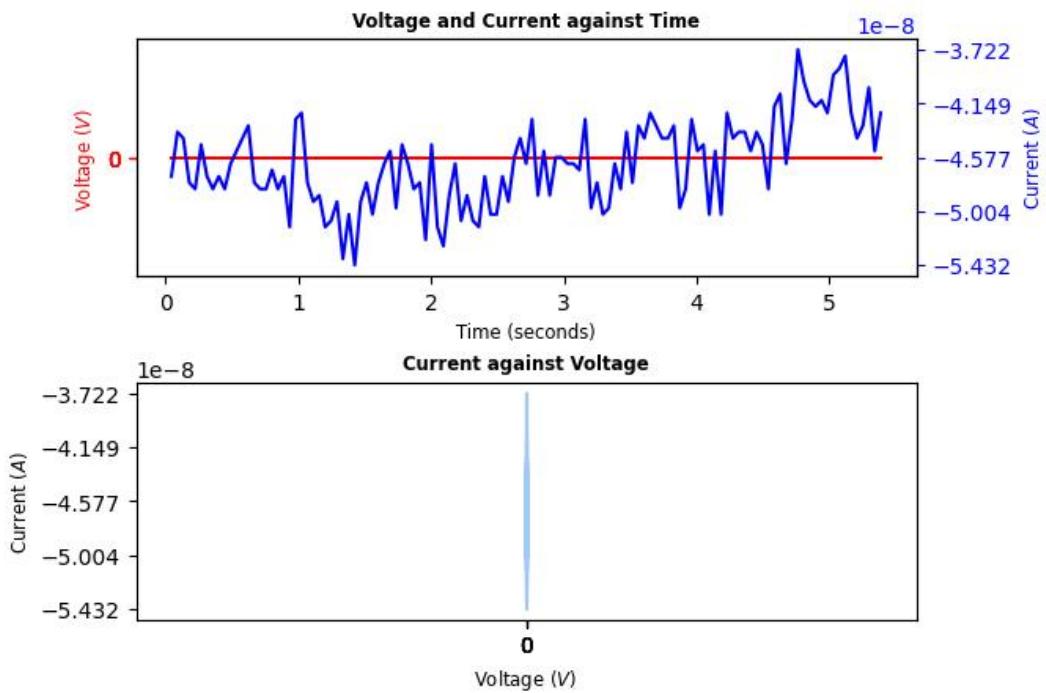
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = No conduction as if it wasn't set



### Probe B plots



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Stimulated at 05:22:26PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 25.0uA

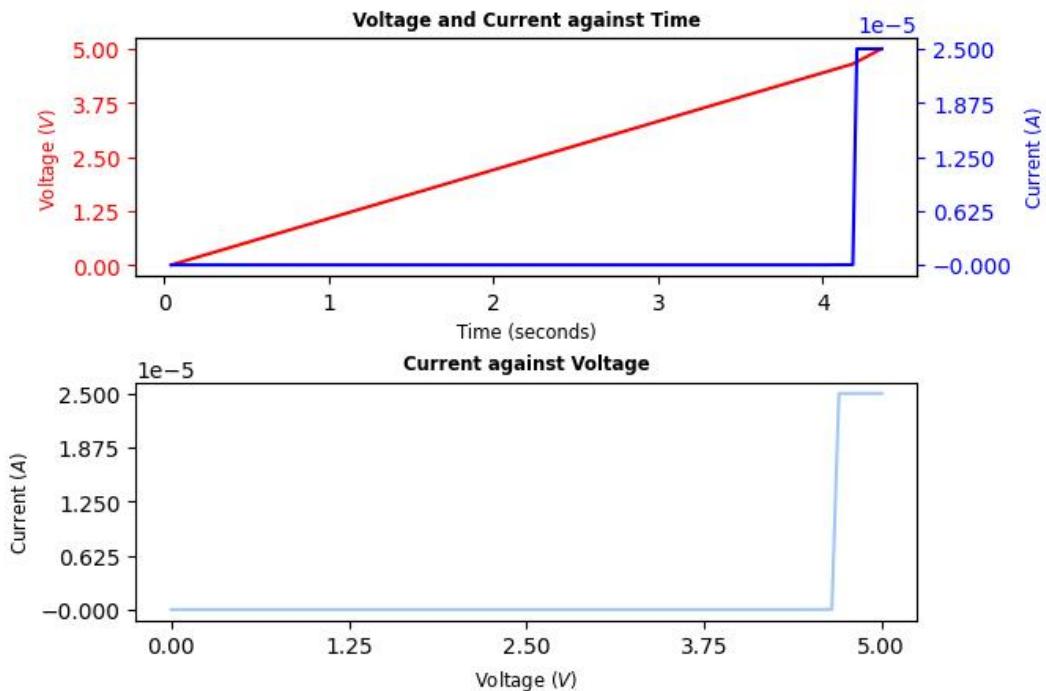
Platinum Voltage =

Copper Voltage =

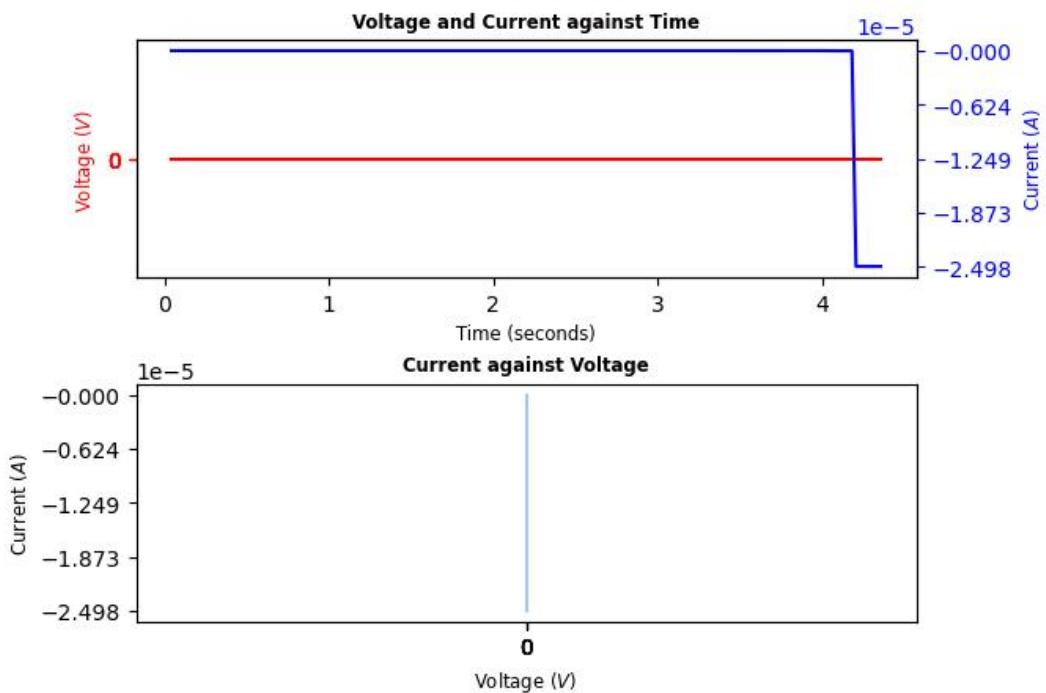
Run Folder Name = <2 probe, so invalid>

Comments = Set 4.7V, as if it was never formed

### Probe A plots



### Probe B plots



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Stimulated at 05:23:20PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

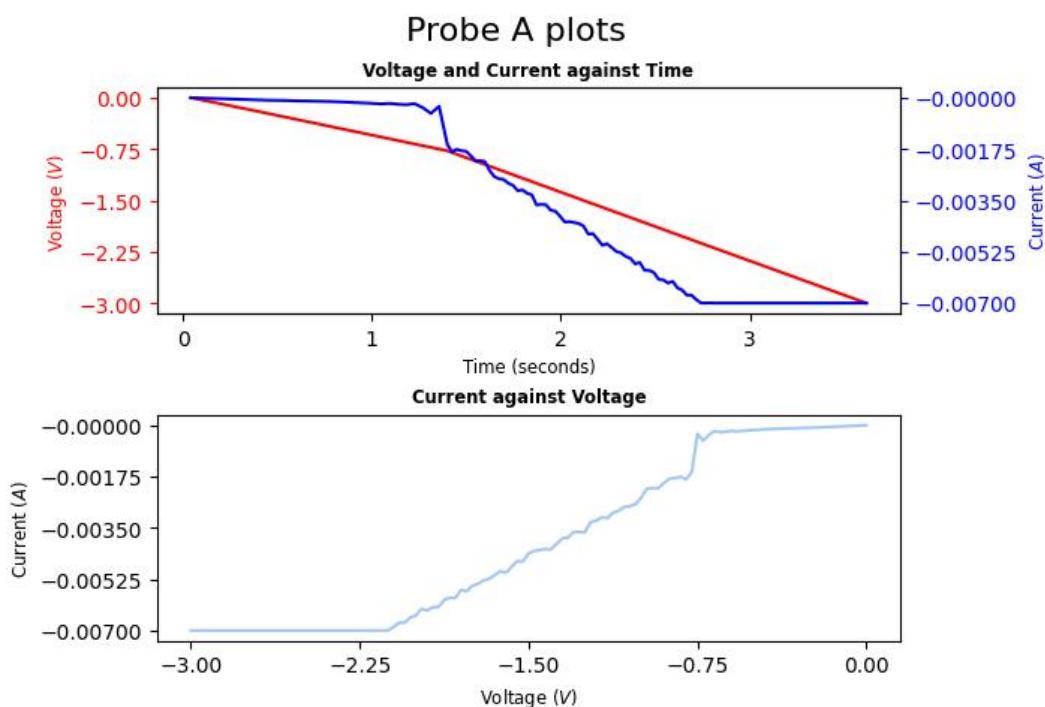
Compliance Current = 7.0mA

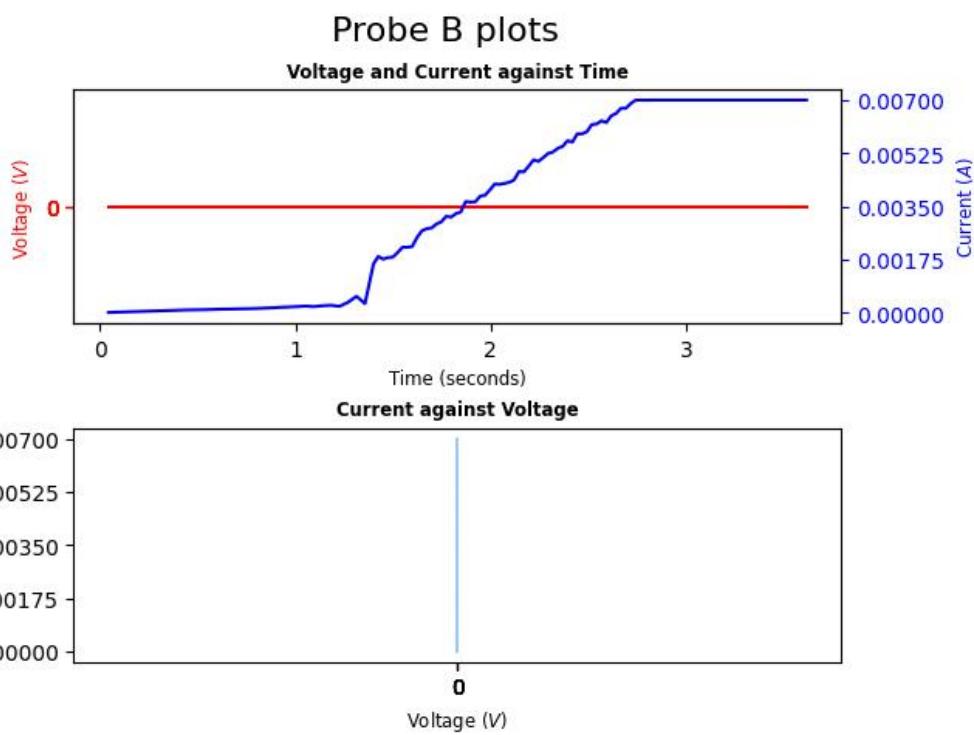
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not reset





Stimulated at 05:23:59PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 7.0mA

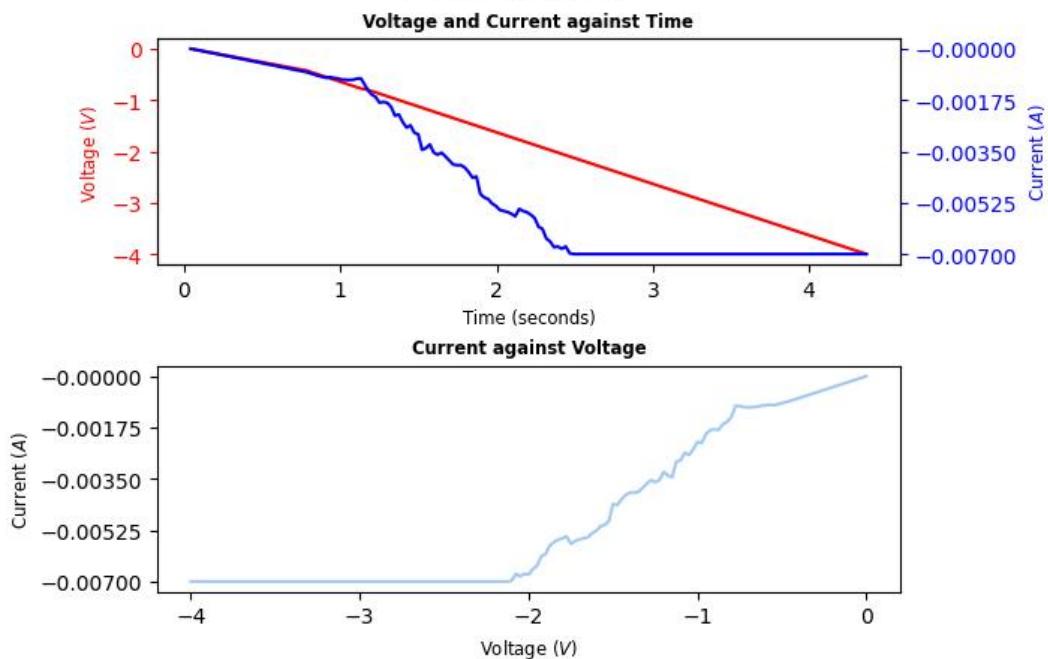
Platinum Voltage =

Copper Voltage =

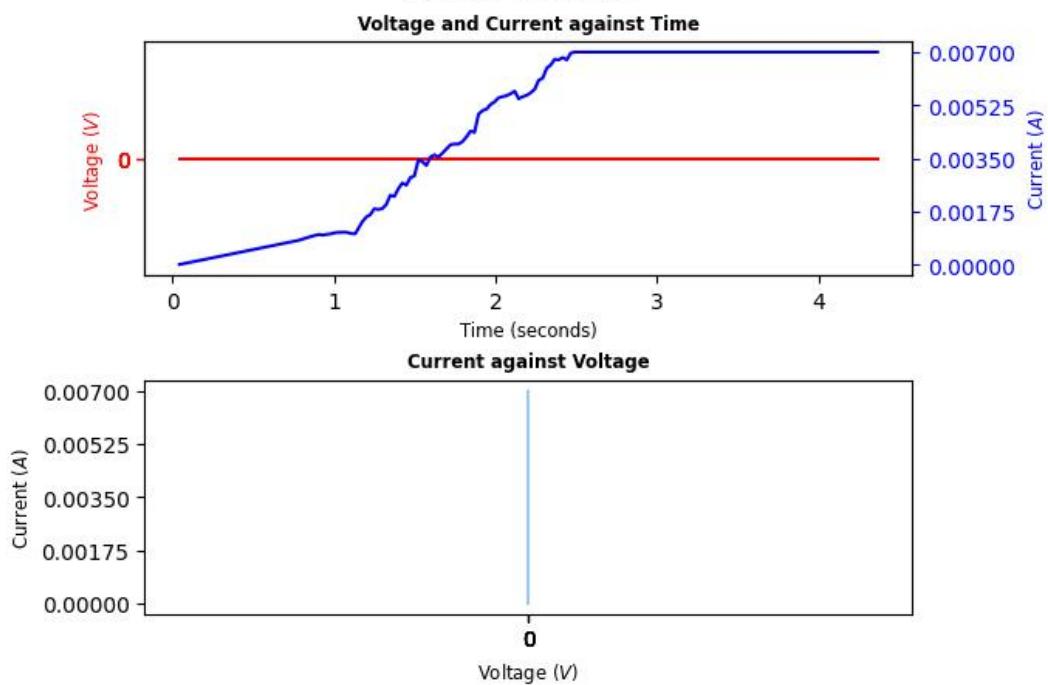
Run Folder Name = <2 probe, so invalid>

Comments = Did not reset still

### Probe A plots



### Probe B plots



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Stimulated at 05:24:28PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

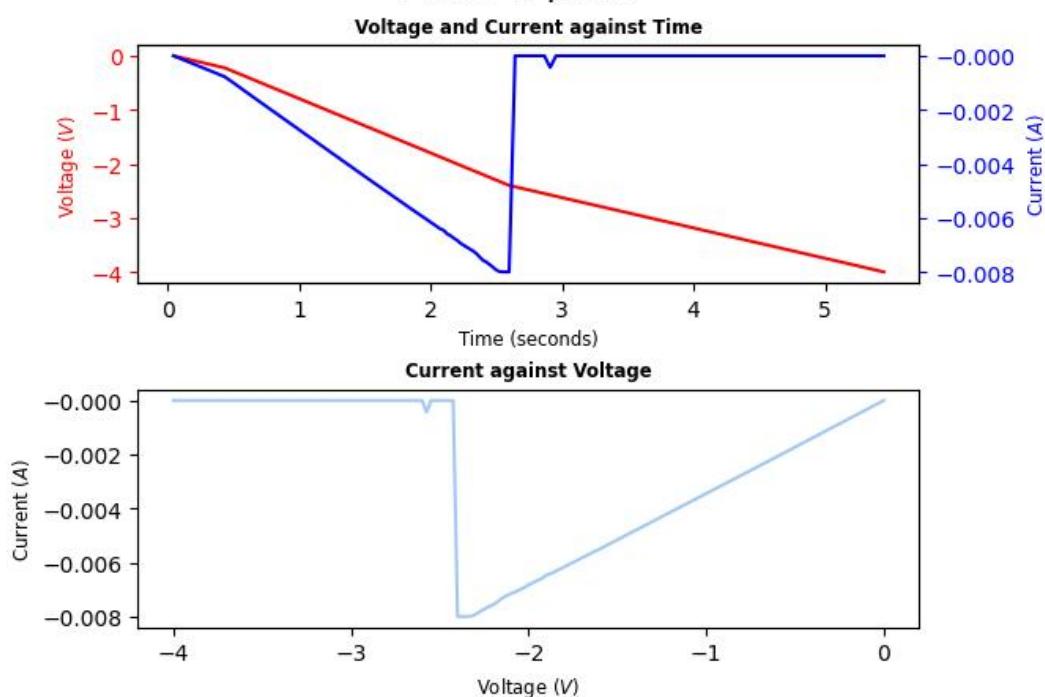
Platinum Voltage =

Copper Voltage =

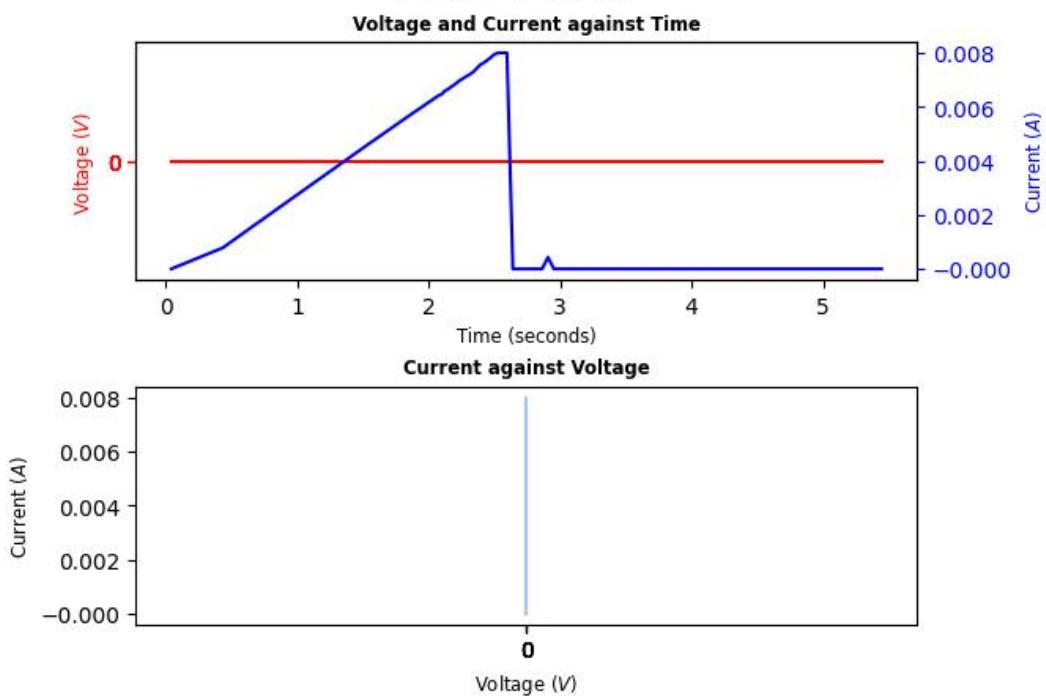
Run Folder Name = <2 probe, so invalid>

Comments = Reset, slope behaving as expected for larger set Icc

### Probe A plots



## Probe B plots



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

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 25.0uA

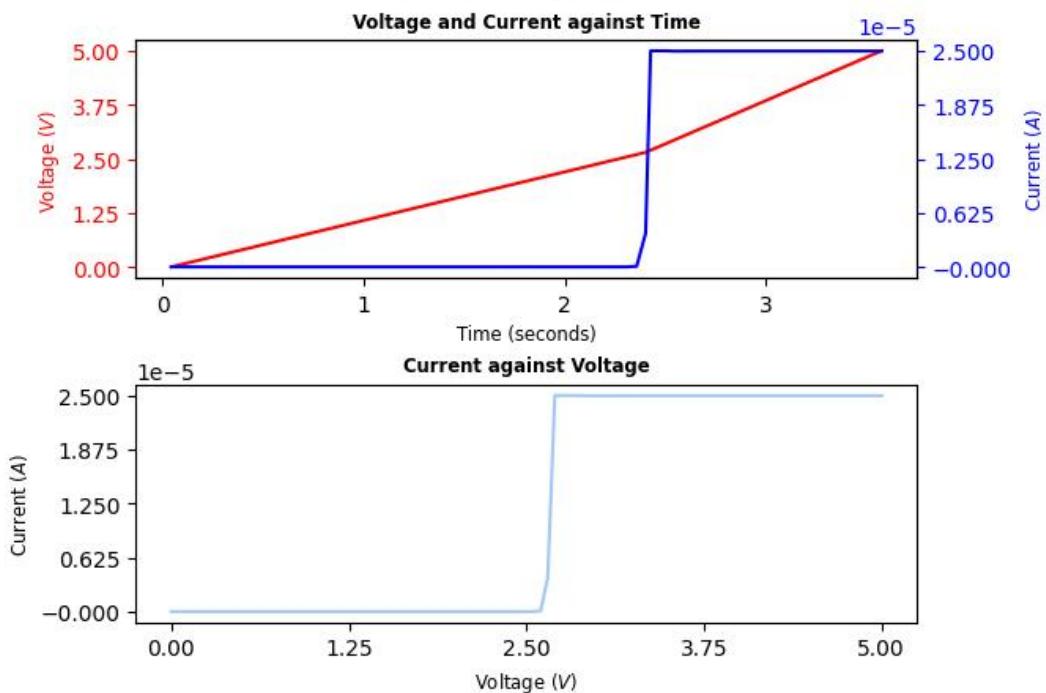
Platinum Voltage =

Copper Voltage =

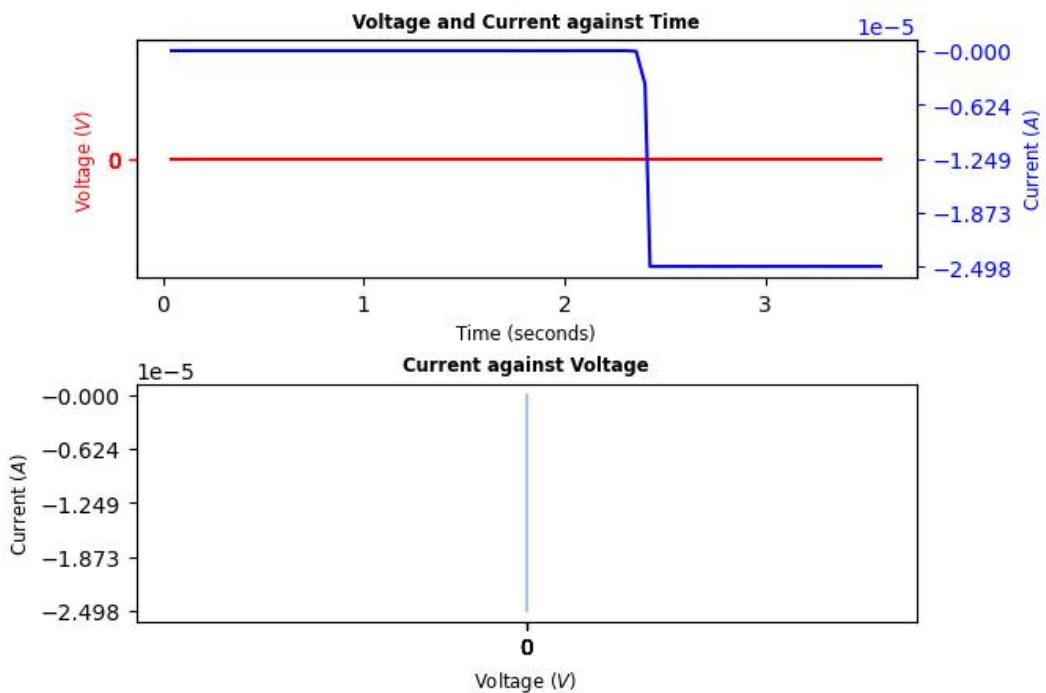
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.7V

### Probe A plots



### Probe B plots



---

Stimulated at 05:27:13PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

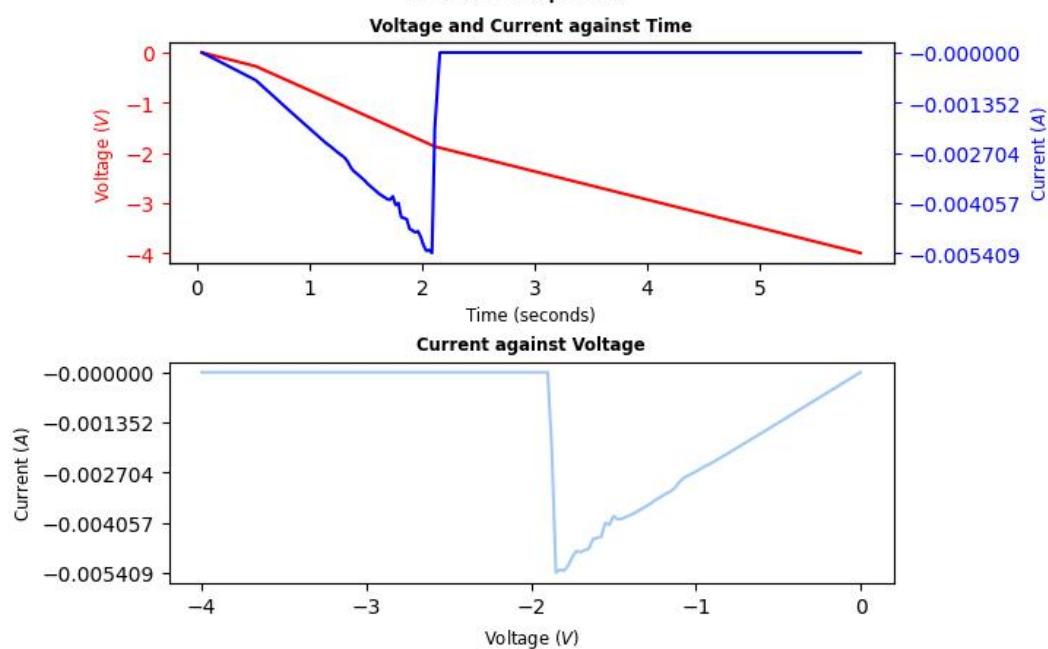
Platinum Voltage =

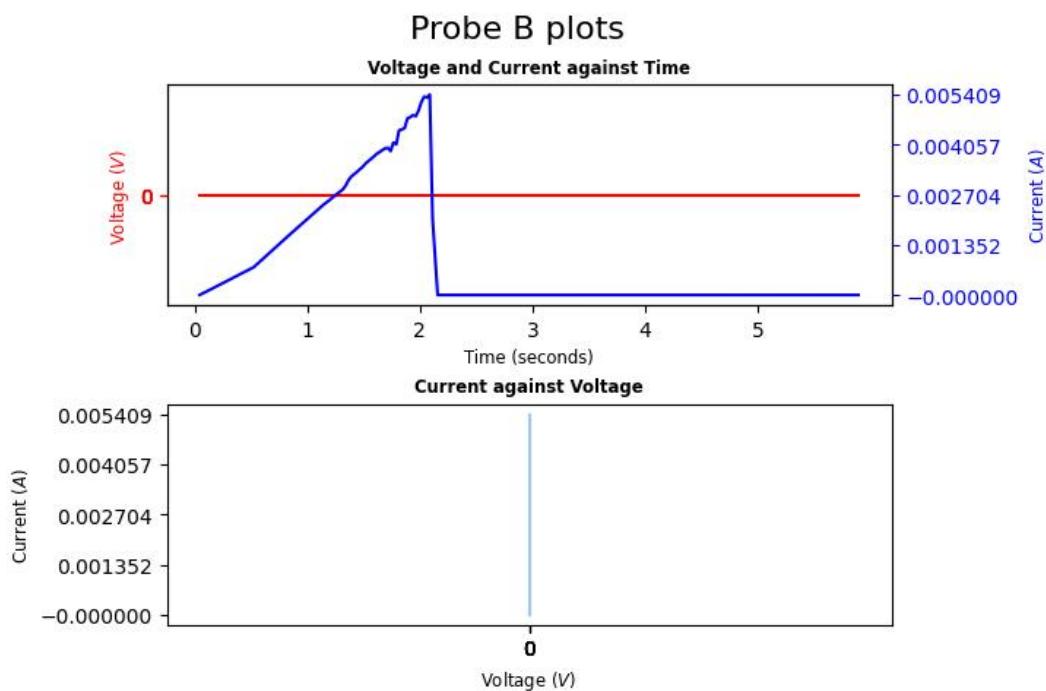
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Successfully reset, steeper slope than 259

### Probe A plots





Stimulated at 05:28:40PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

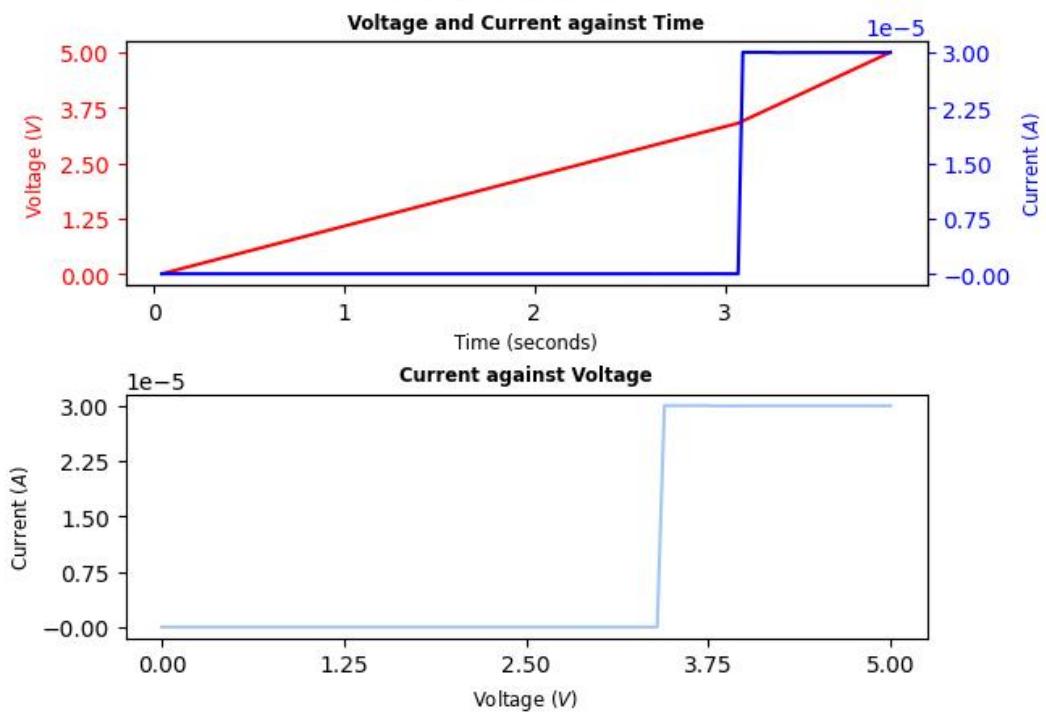
Platinum Voltage =

Copper Voltage =

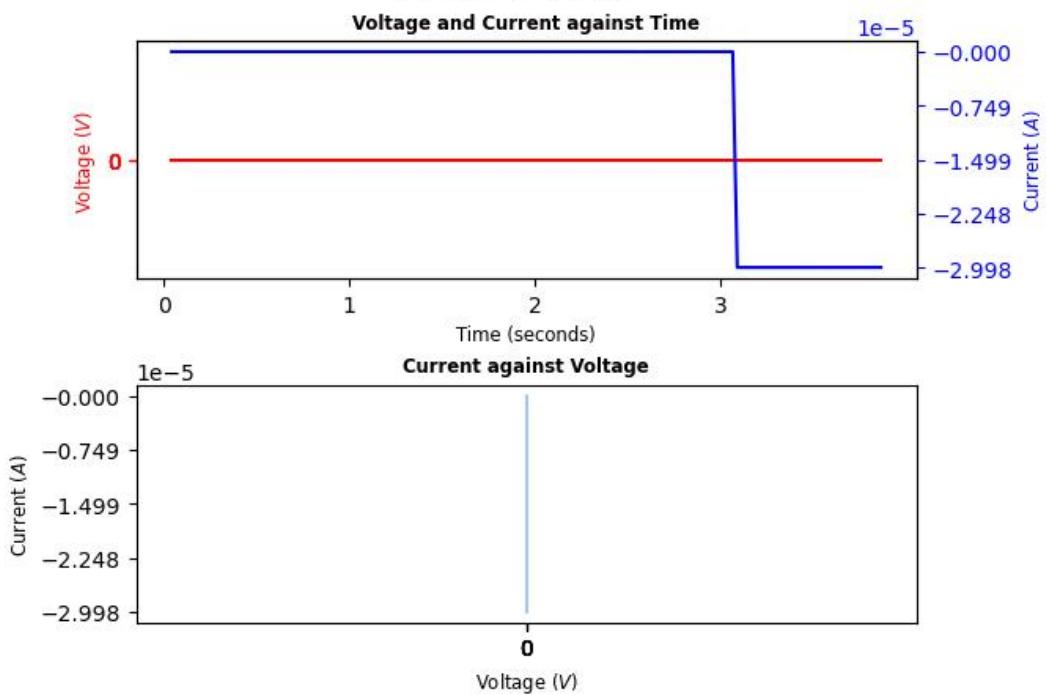
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.45V

### Probe A plots



### Probe B plots



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Stimulated at 05:29:24PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

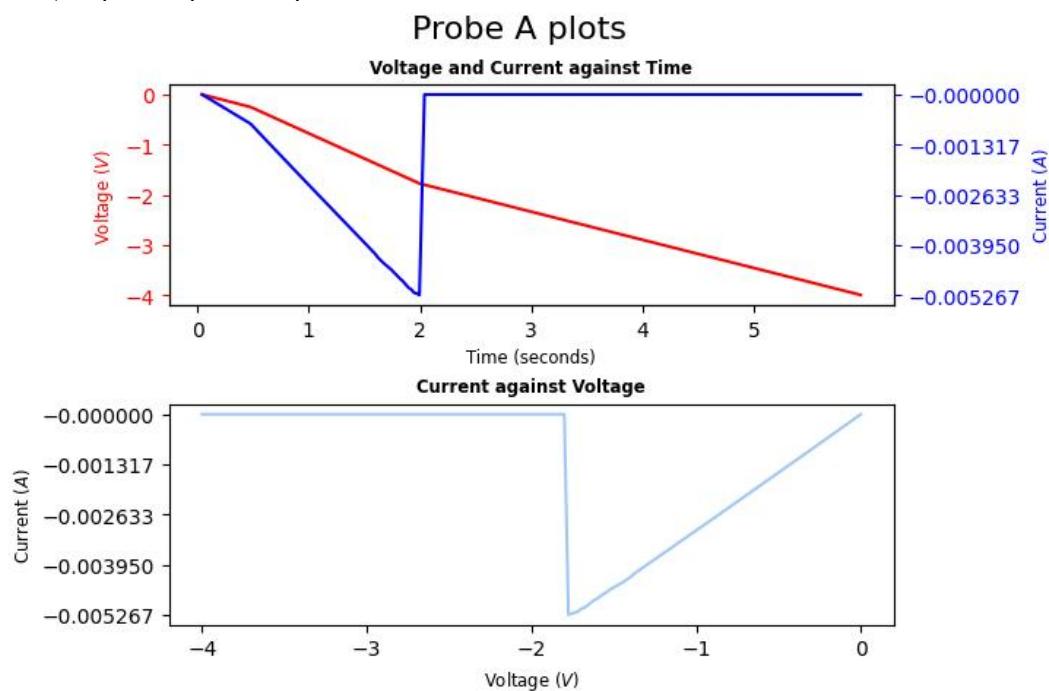
Compliance Current = 6.0mA

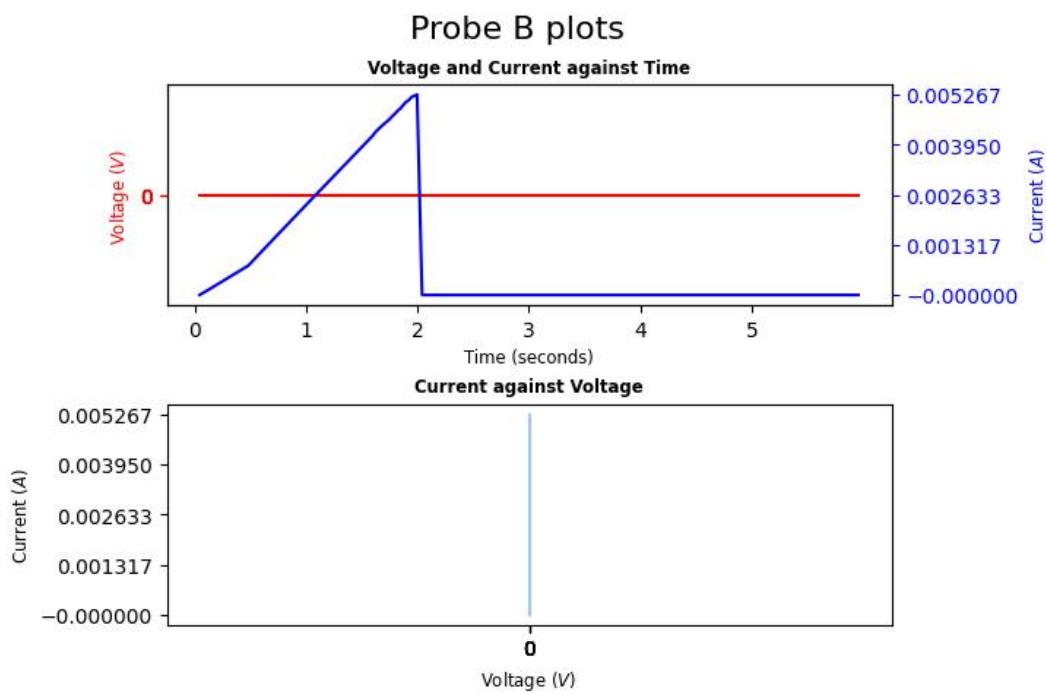
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, slope steeper than previous reset





Stimulated at 05:30:59PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

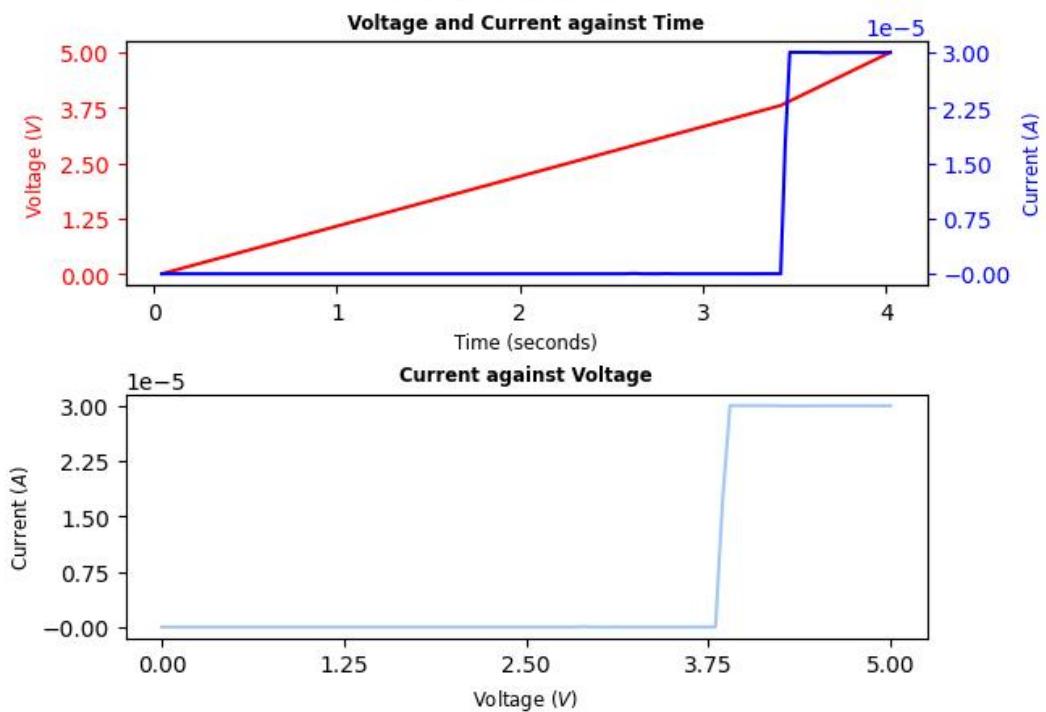
Platinum Voltage =

Copper Voltage =

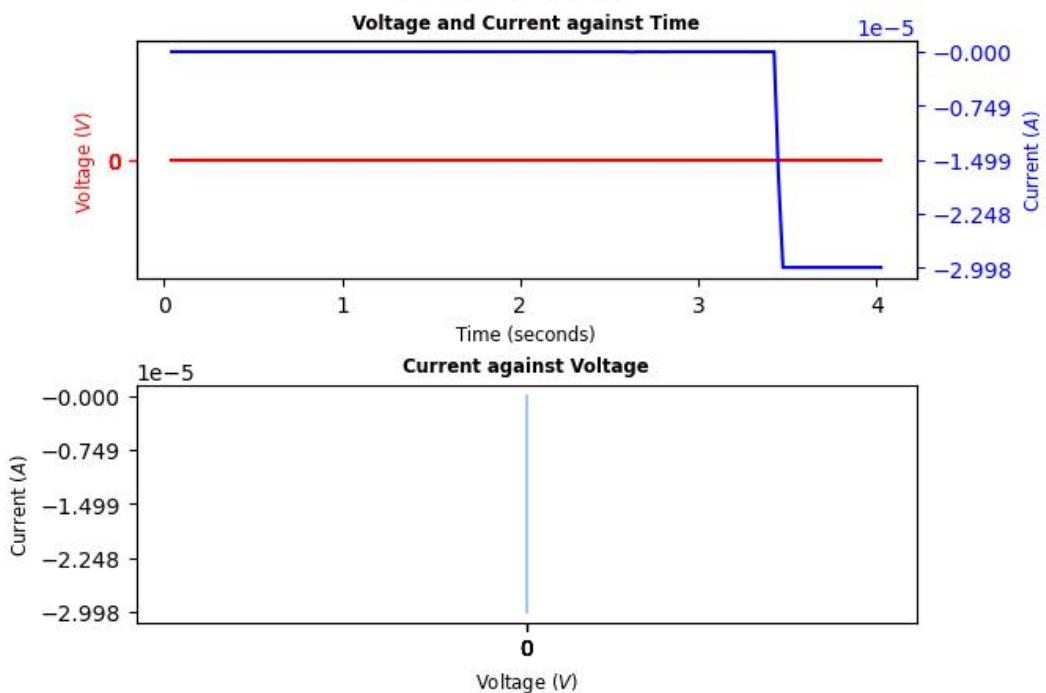
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.9V

### Probe A plots



### Probe B plots



---

Stimulated at 05:31:24PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

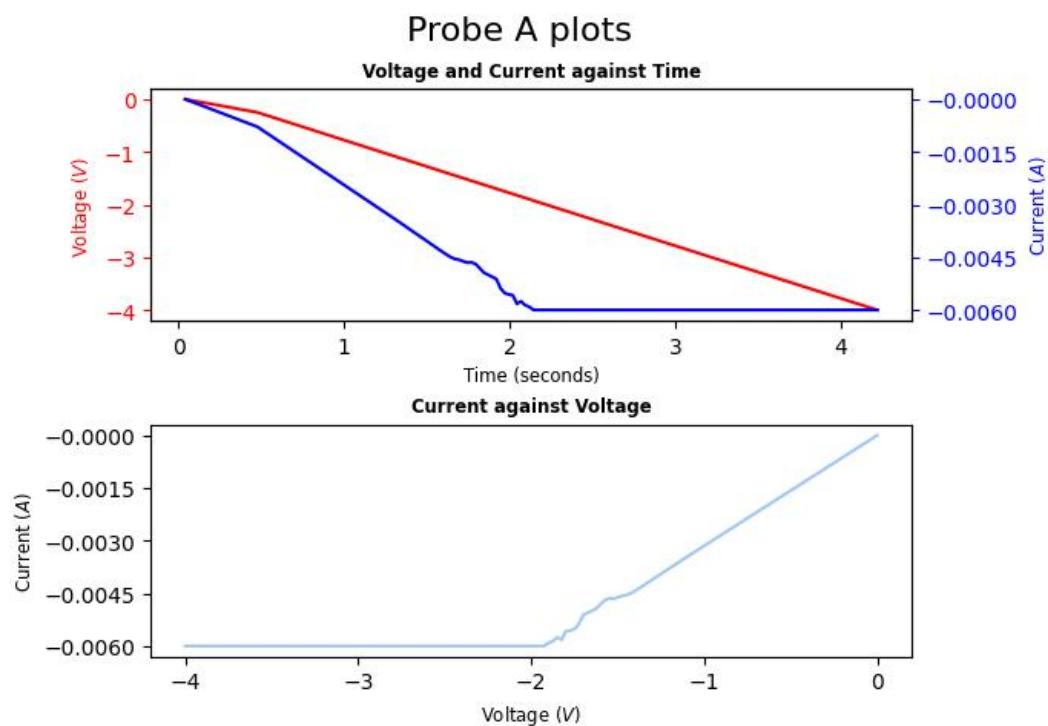
Compliance Current = 6.0mA

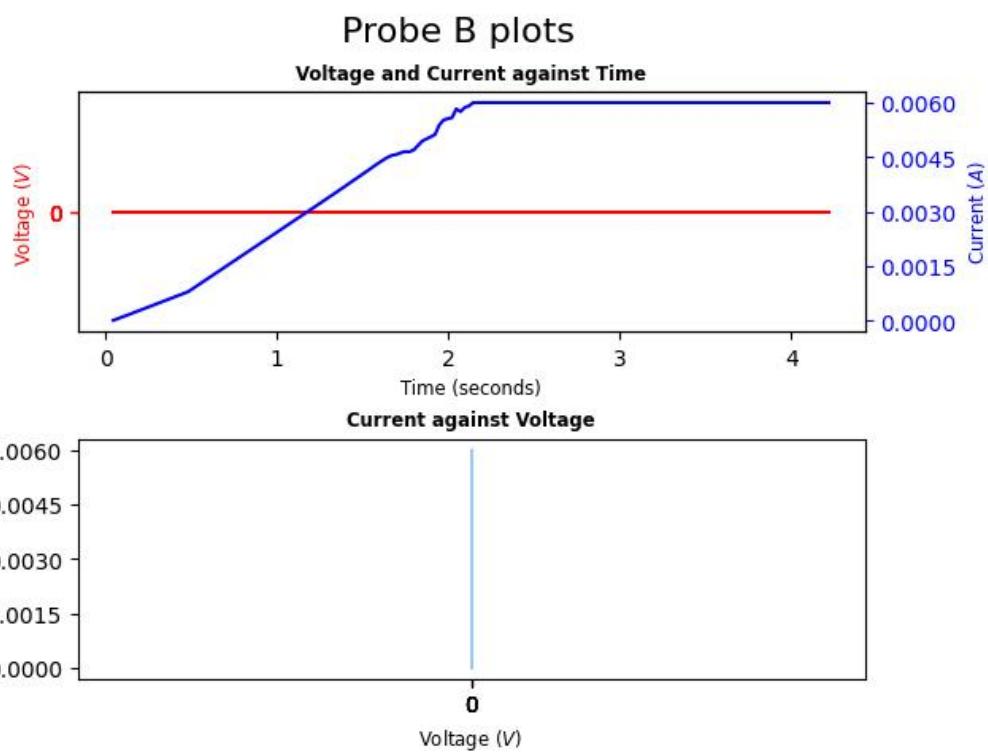
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did not Reset





Stimulated at 05:31:50PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

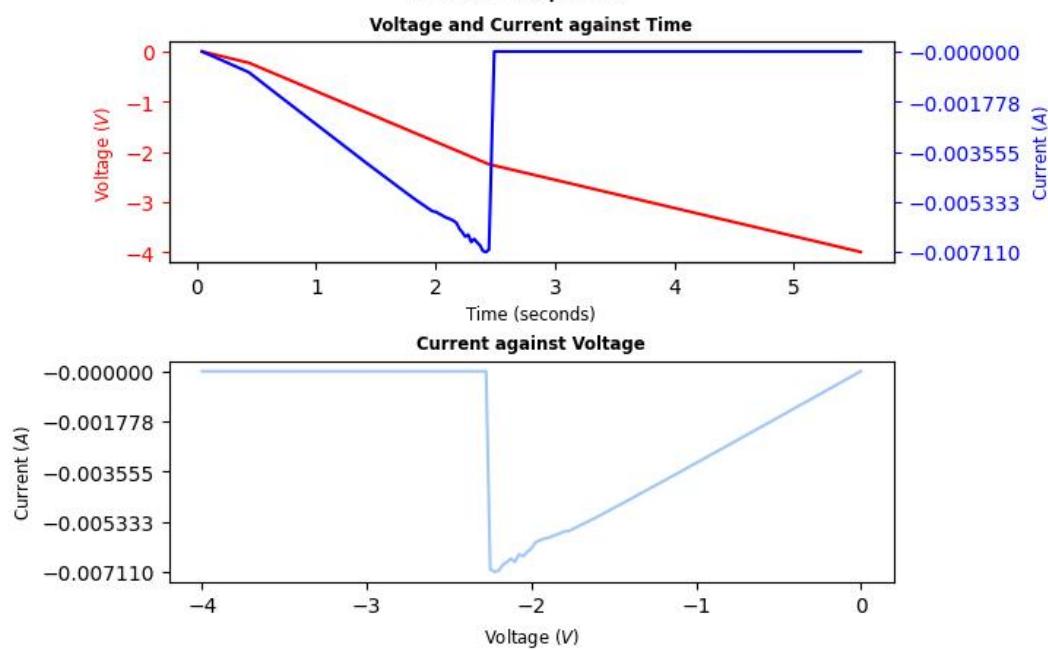
Platinum Voltage =

Copper Voltage =

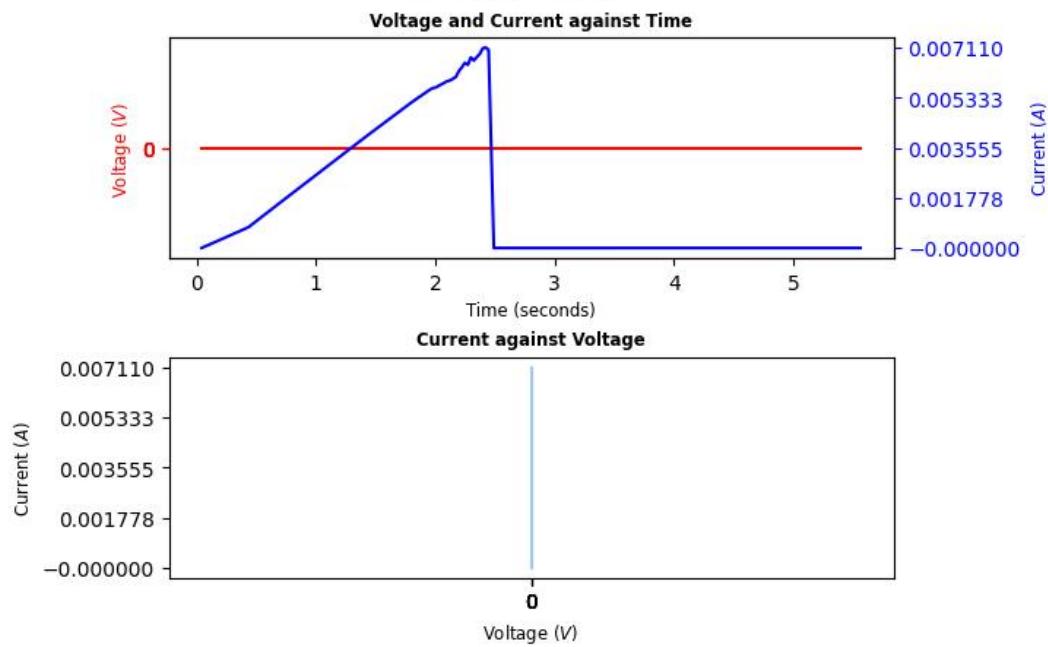
Run Folder Name = <2 probe, so invalid>

Comments = Reset

### Probe A plots



### Probe B plots



---

Stimulated at 05:33:18PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

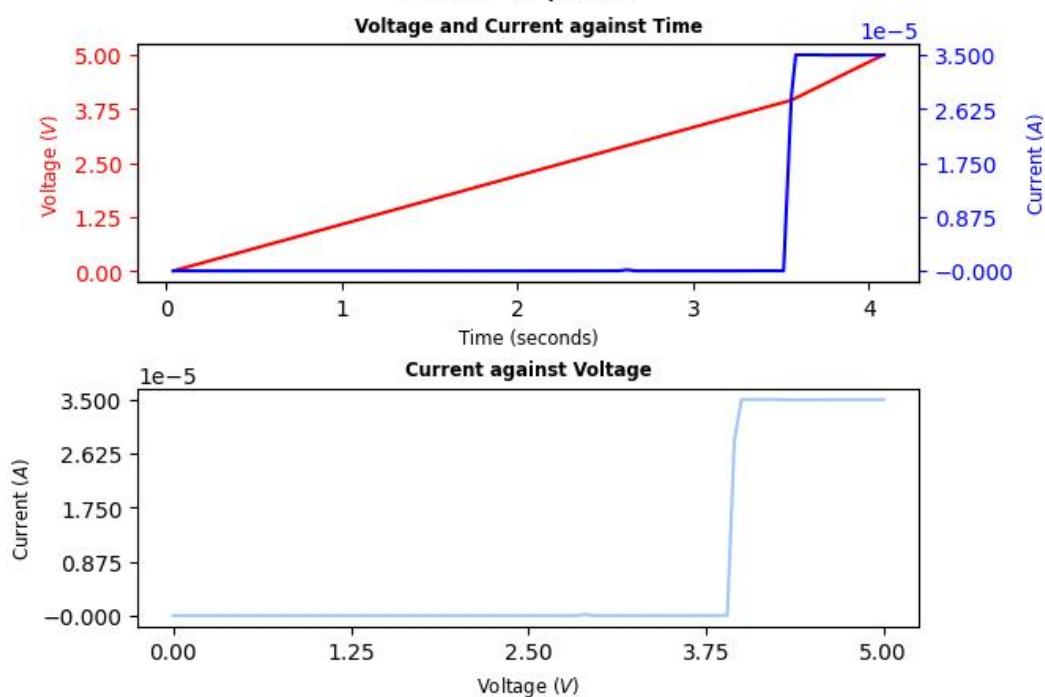
Platinum Voltage =

Copper Voltage =

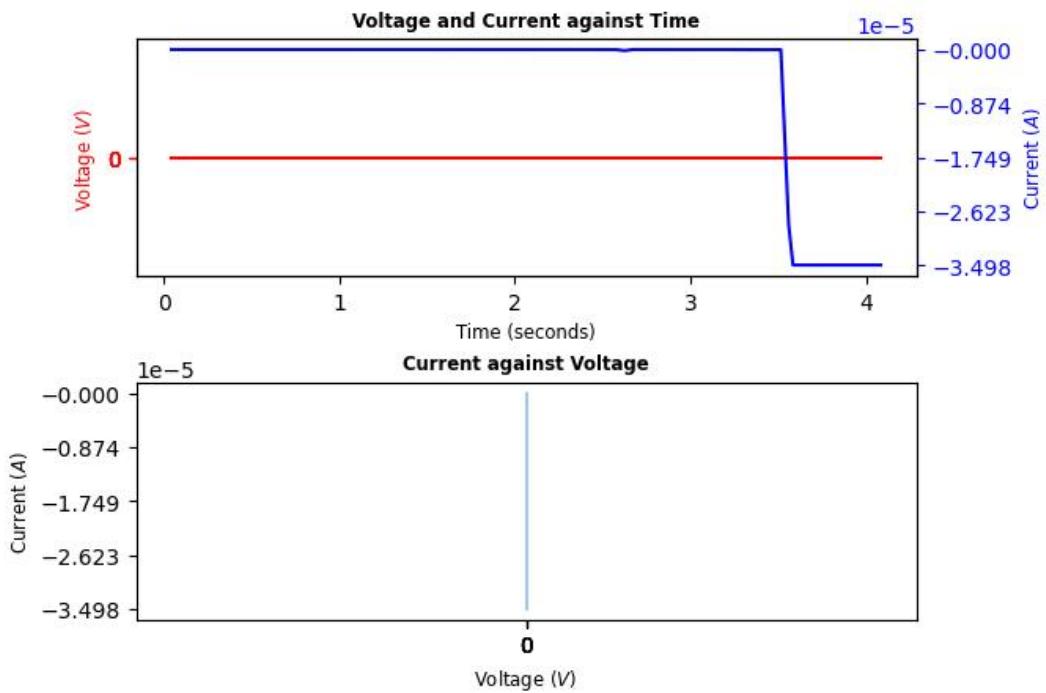
Run Folder Name = <2 probe, so invalid>

Comments = Set at 4V

### Probe A plots



### Probe B plots



---

Stimulated at 05:33:56PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

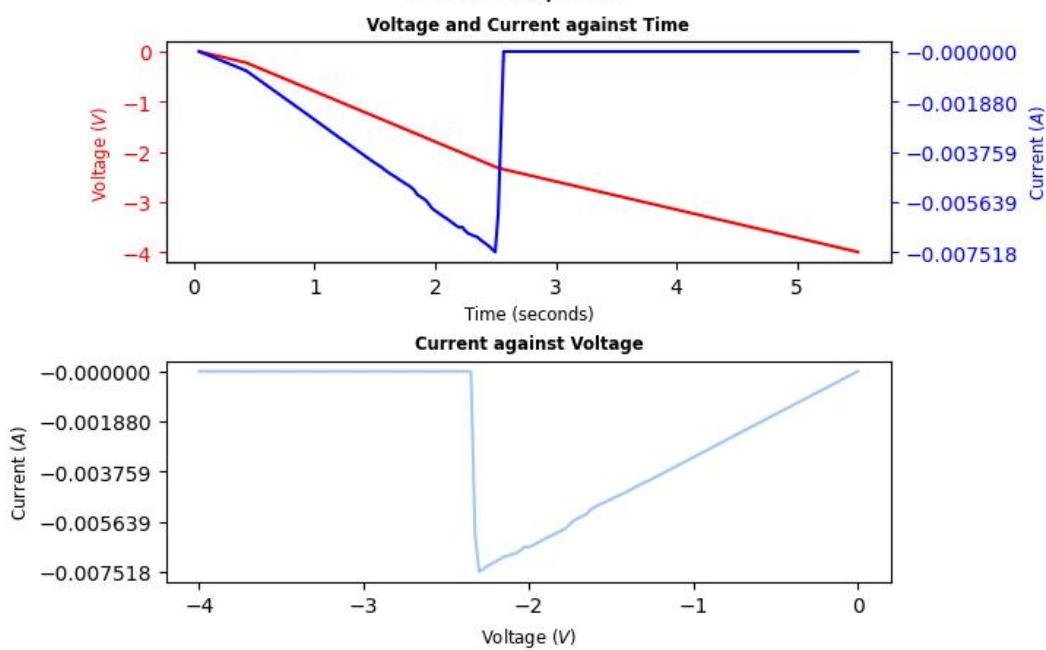
Platinum Voltage =

Copper Voltage =

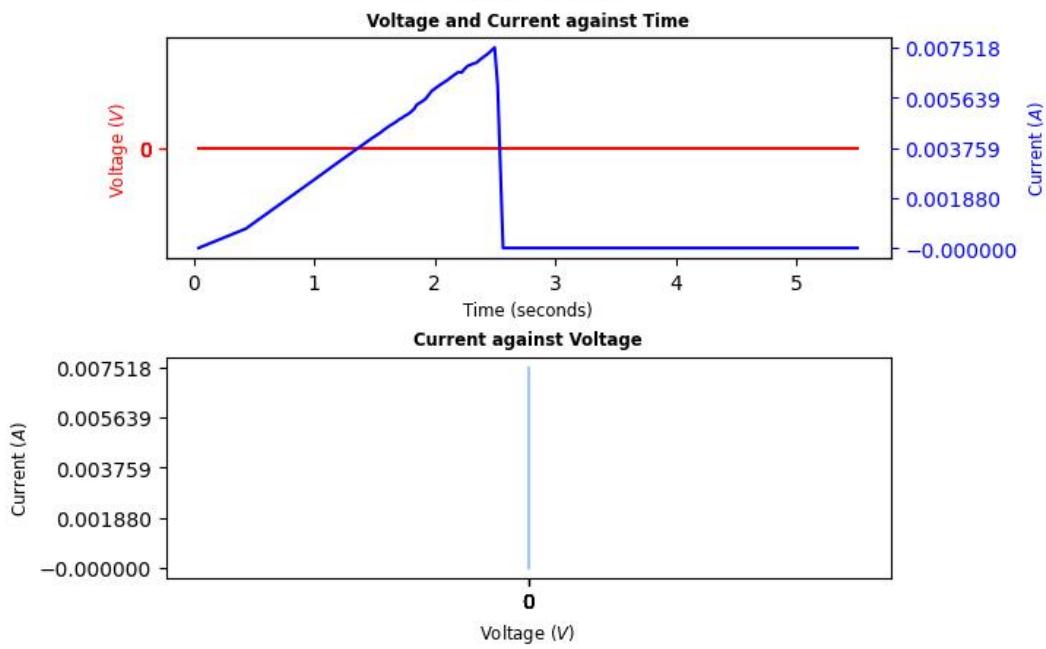
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

### Probe A plots



### Probe B plots



---

Stimulated at 05:35:02PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

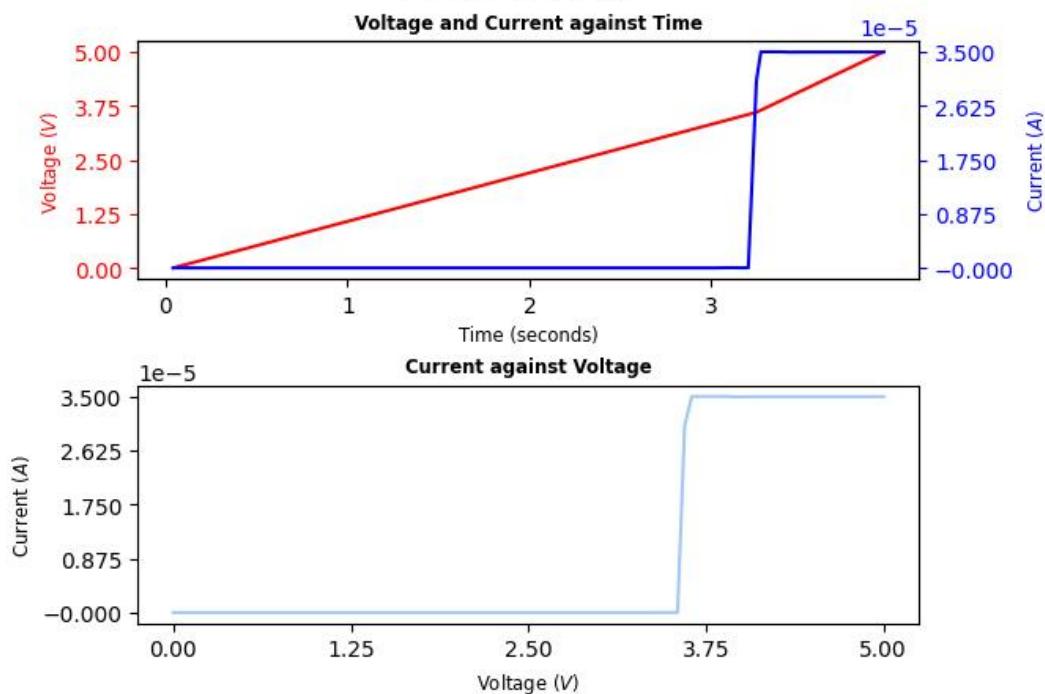
Platinum Voltage =

Copper Voltage =

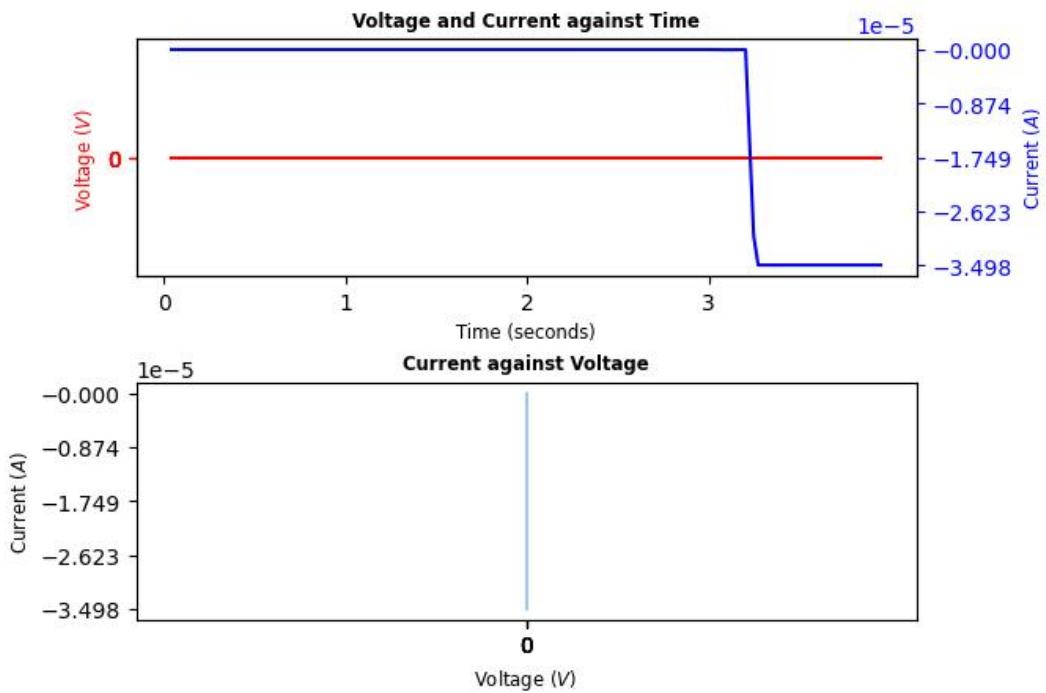
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.65V

### Probe A plots



### Probe B plots



---

Stimulated at 05:35:32PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

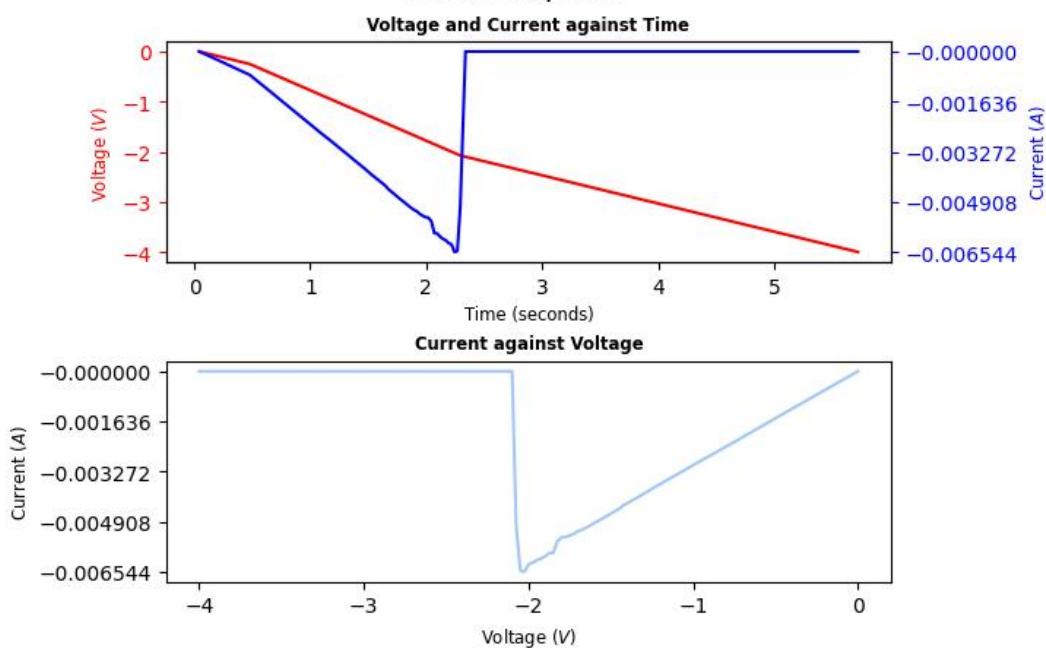
Platinum Voltage =

Copper Voltage =

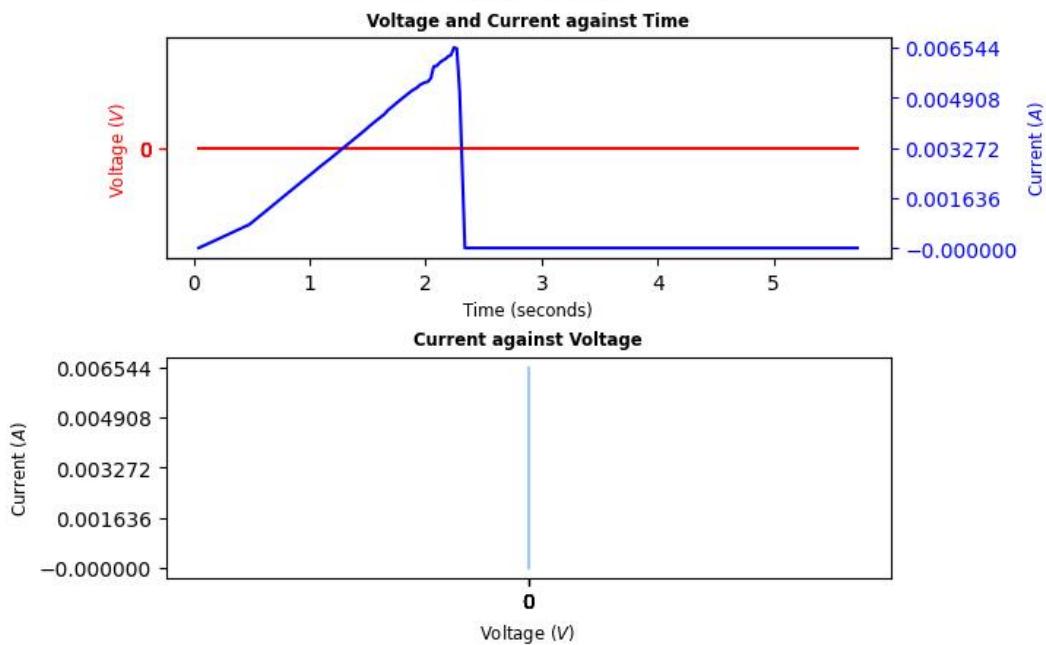
Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

### Probe A plots



### Probe B plots



---

Stimulated at 05:36:29PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

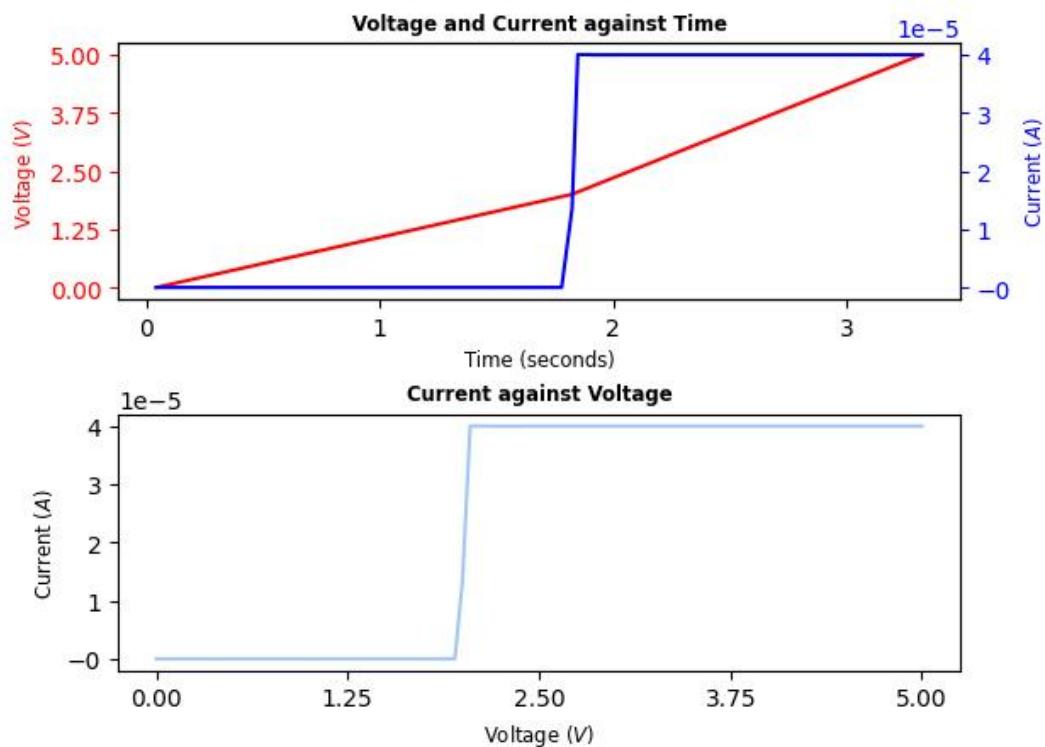
Platinum Voltage =

Copper Voltage =

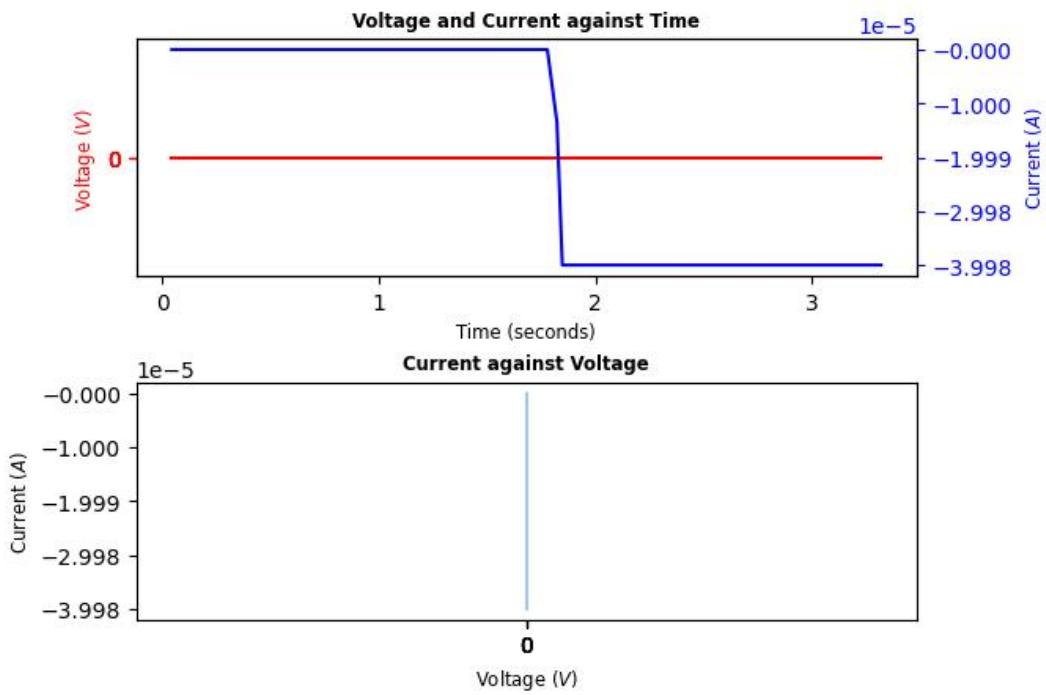
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.05V

### Probe A plots



### Probe B plots



---

Stimulated at 05:37:10PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

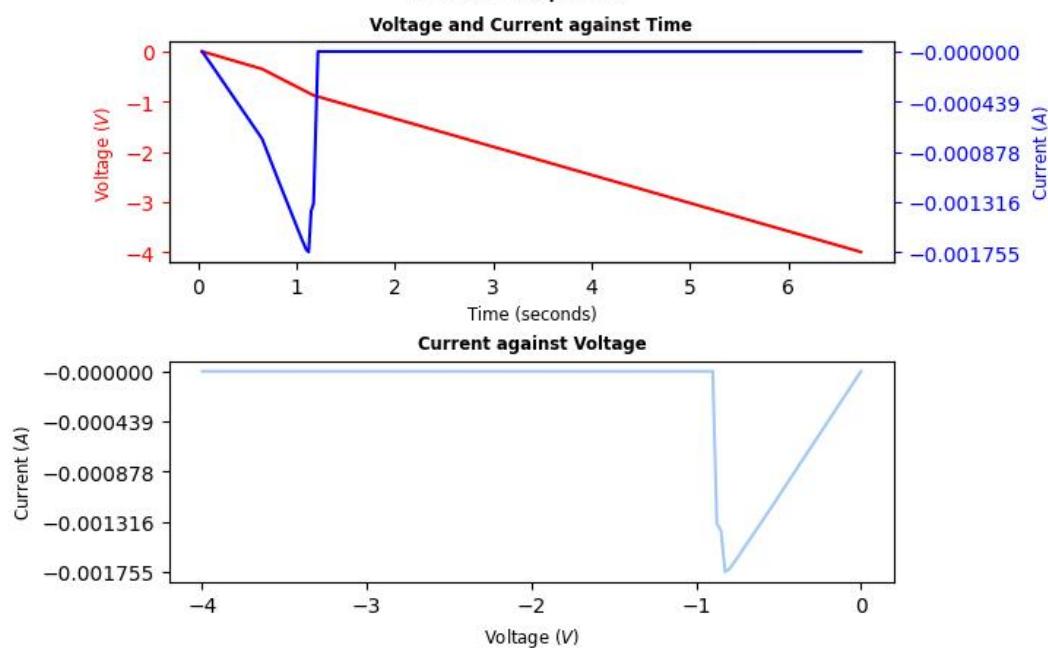
Platinum Voltage =

Copper Voltage =

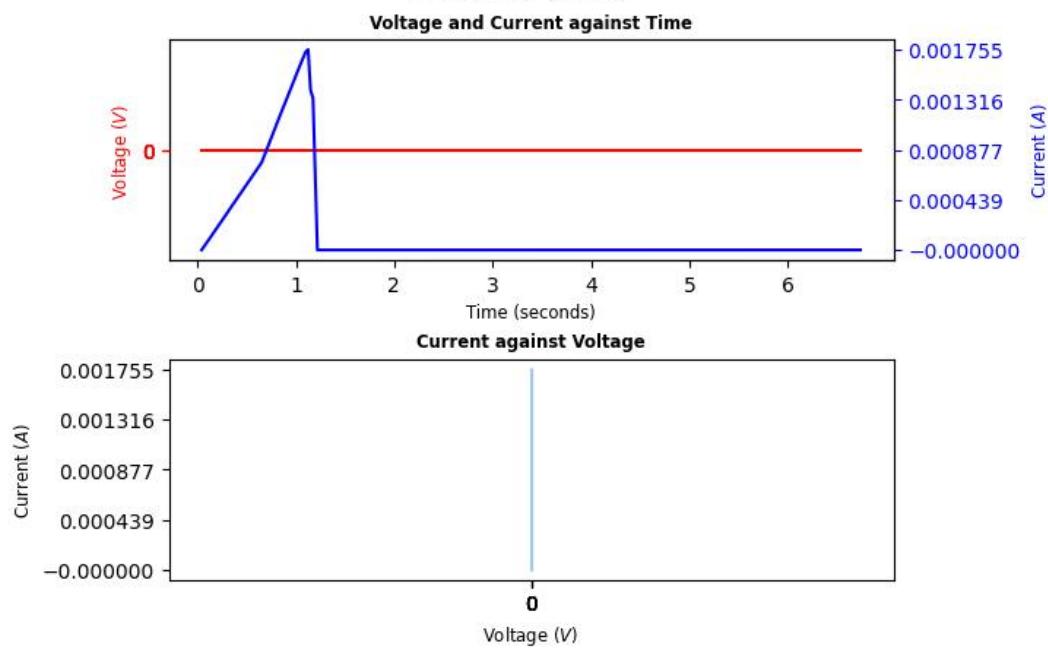
Run Folder Name = <2 probe, so invalid>

Comments = Reset, slope going opposite direction than expected

### Probe A plots



### Probe B plots



---

Stimulated at 05:37:54PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

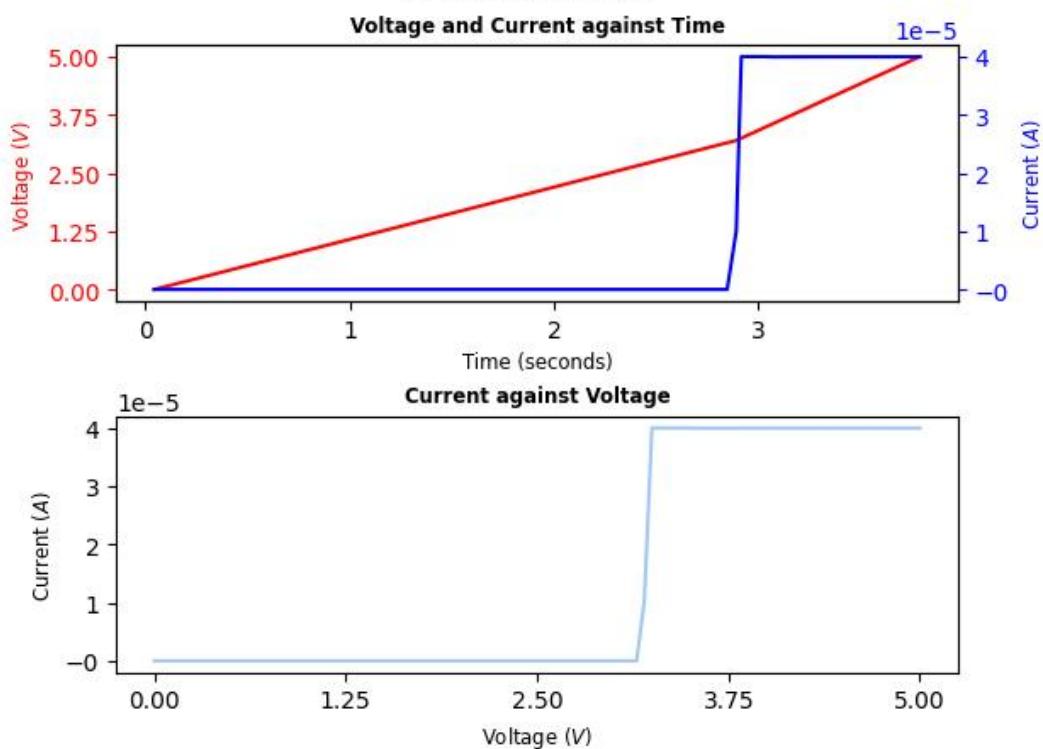
Platinum Voltage =

Copper Voltage =

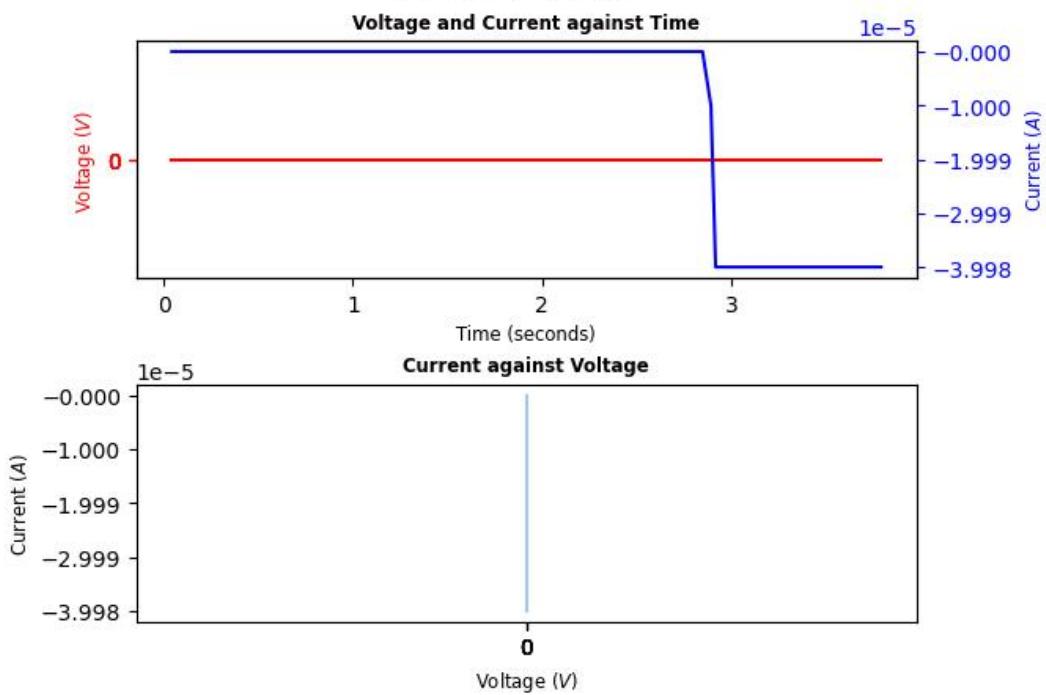
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.25V

### Probe A plots



### Probe B plots



---

Stimulated at 05:38:17PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

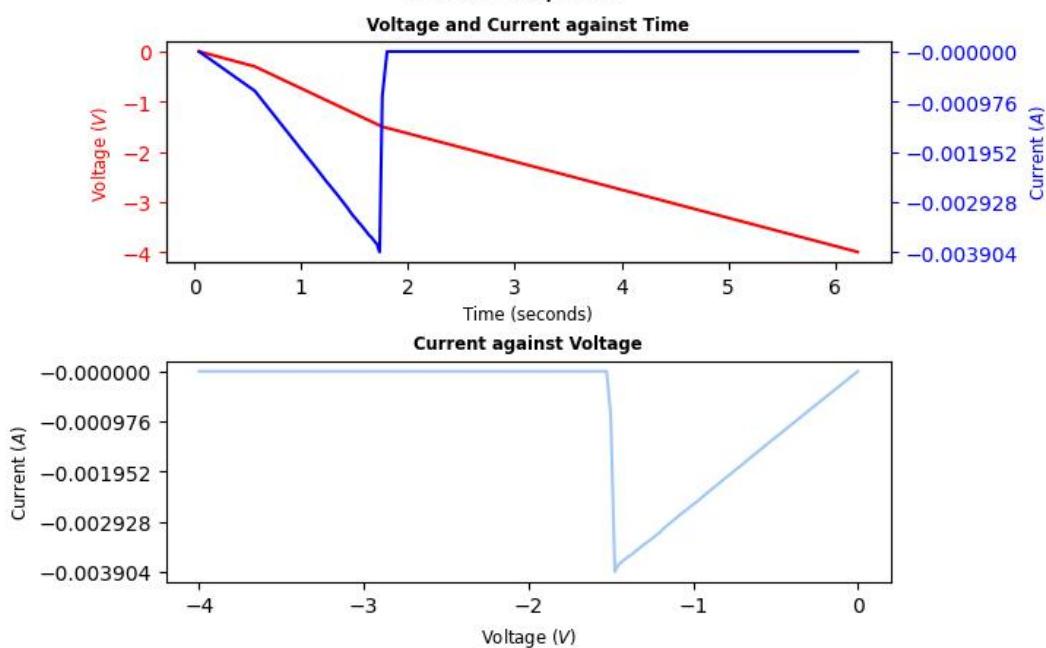
Platinum Voltage =

Copper Voltage =

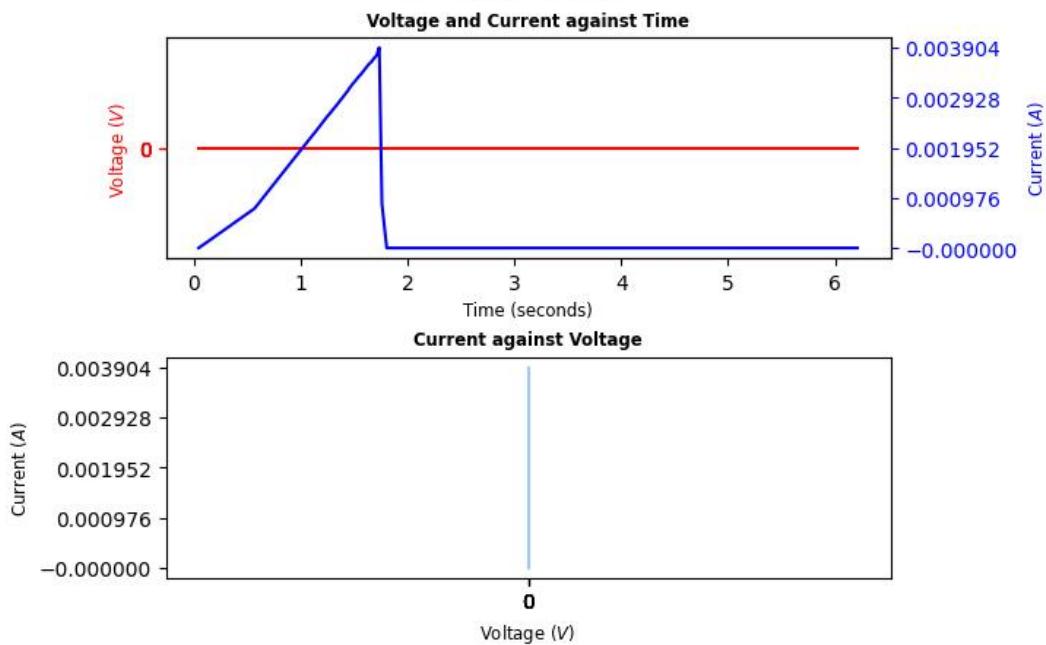
Run Folder Name = <2 probe, so invalid>

Comments = Reset, slope still opposite of expected

### Probe A plots



### Probe B plots



Stimulated at 05:40:02PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 45.0uA

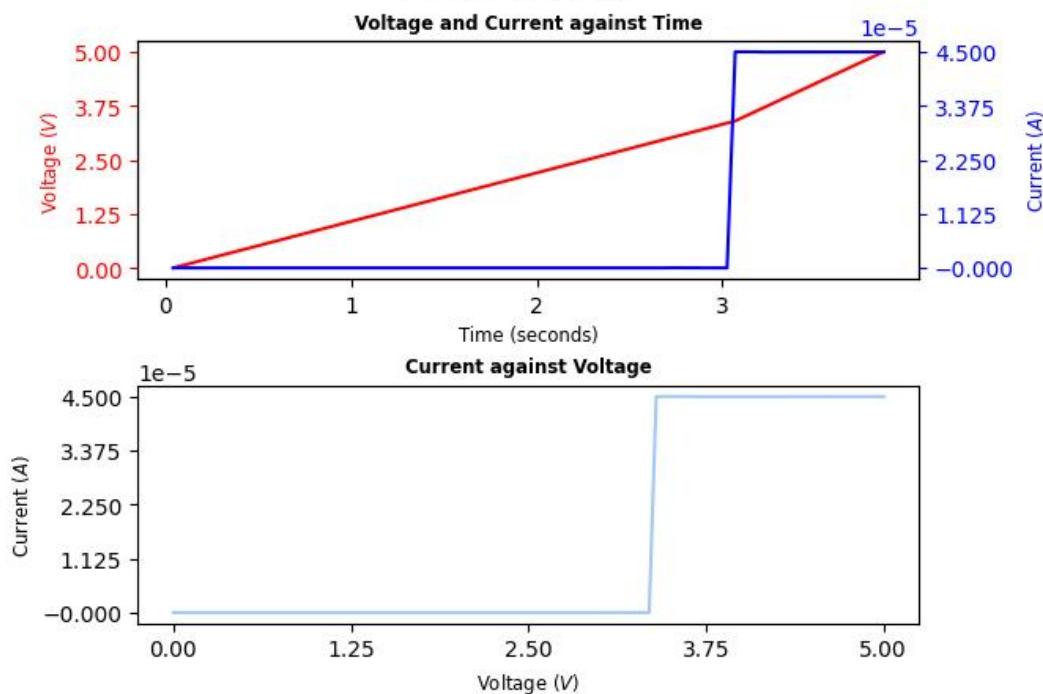
Platinum Voltage =

Copper Voltage =

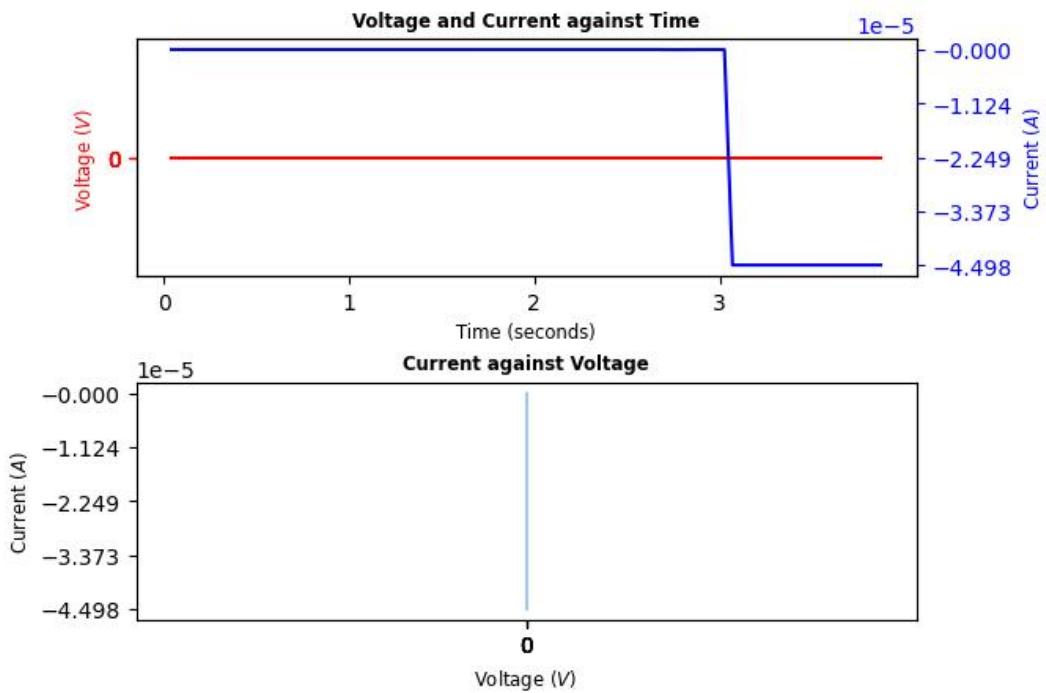
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.4V

### Probe A plots



### Probe B plots



---

Stimulated at 05:40:31PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

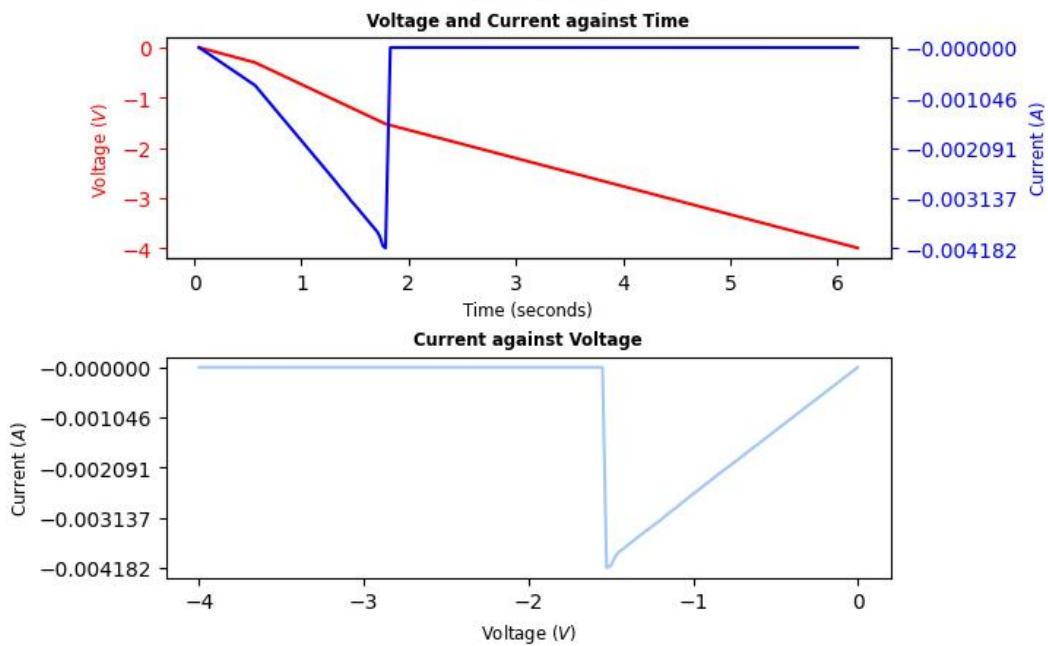
Platinum Voltage =

Copper Voltage =

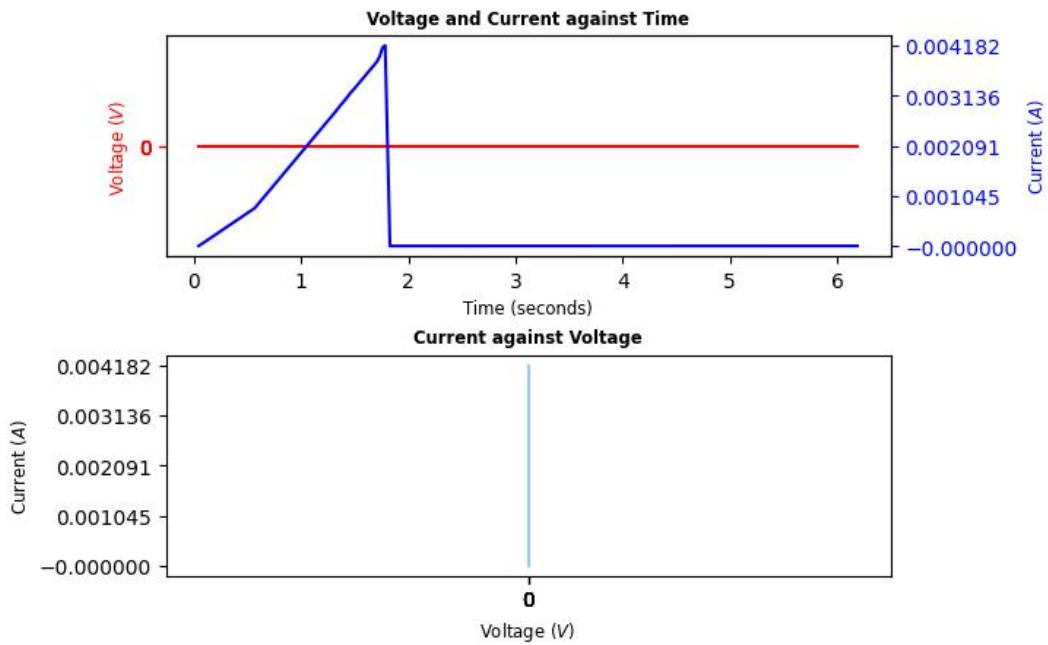
Run Folder Name = <2 probe, so invalid>

Comments = Reset, steeper slope than 40uA but not that of 35uA

### Probe A plots



### Probe B plots



---

Stimulated at 05:43:23PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 45.0uA

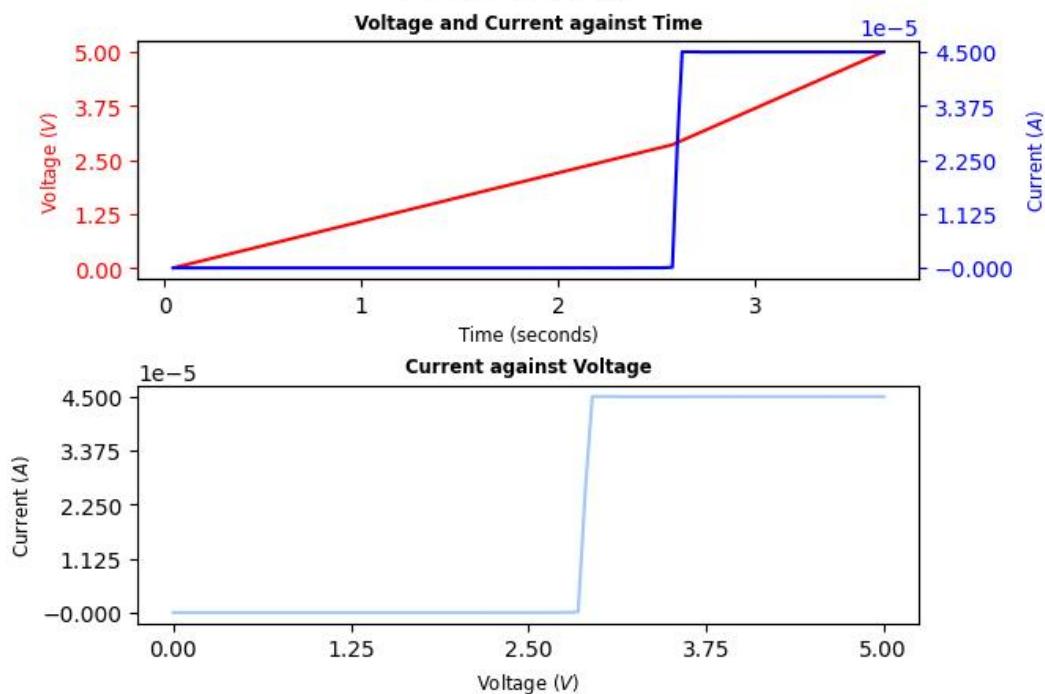
Platinum Voltage =

Copper Voltage =

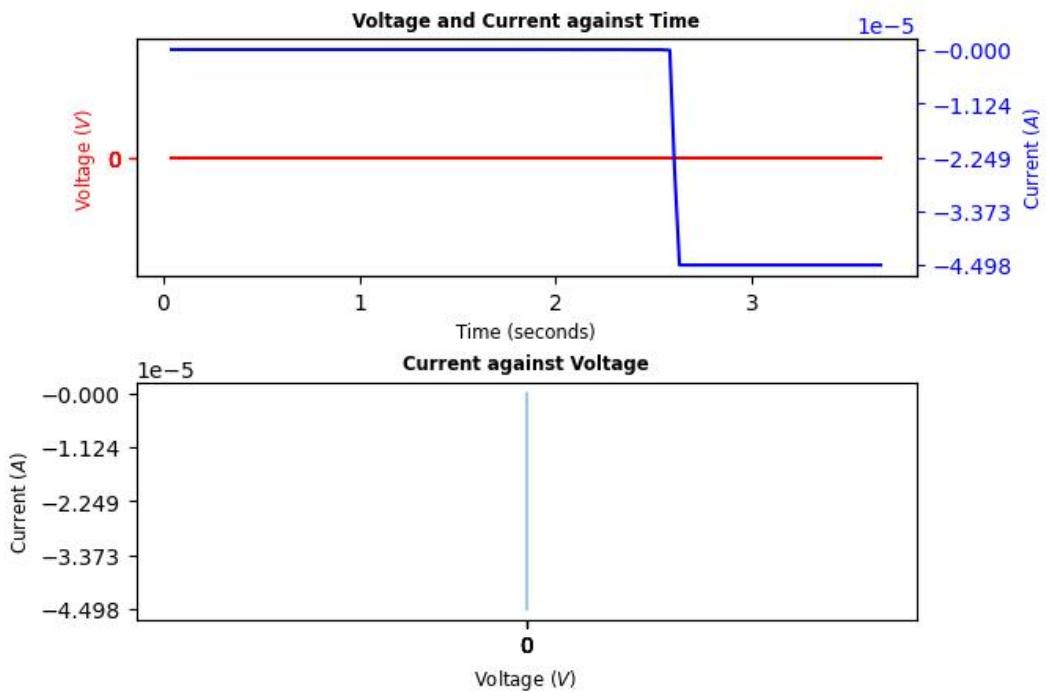
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.95V

### Probe A plots



### Probe B plots



Stimulated at 05:43:53PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

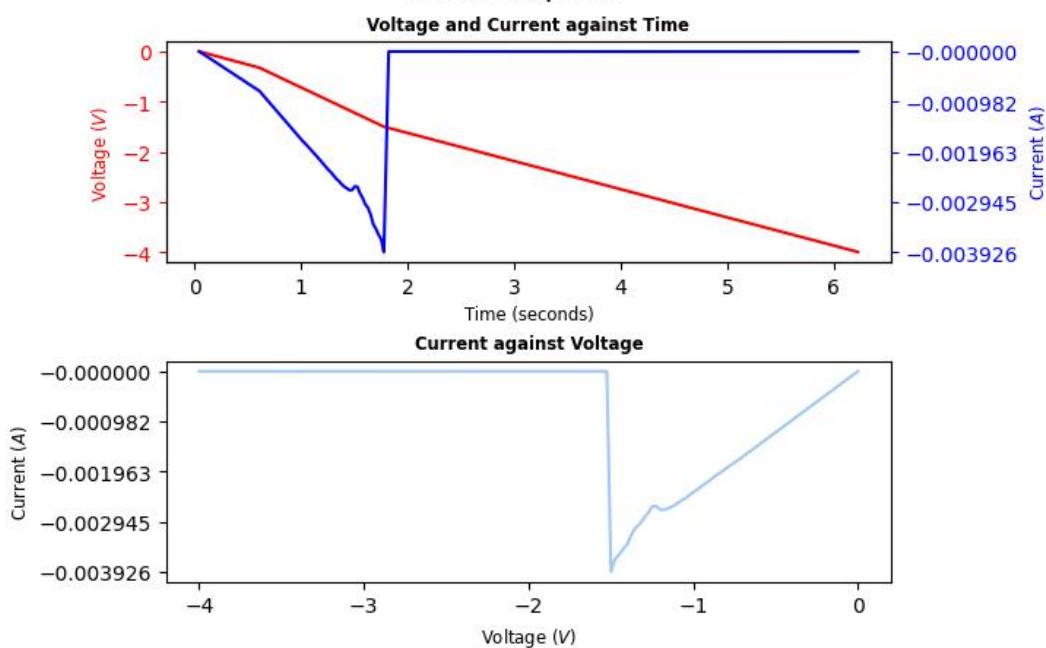
Platinum Voltage =

Copper Voltage =

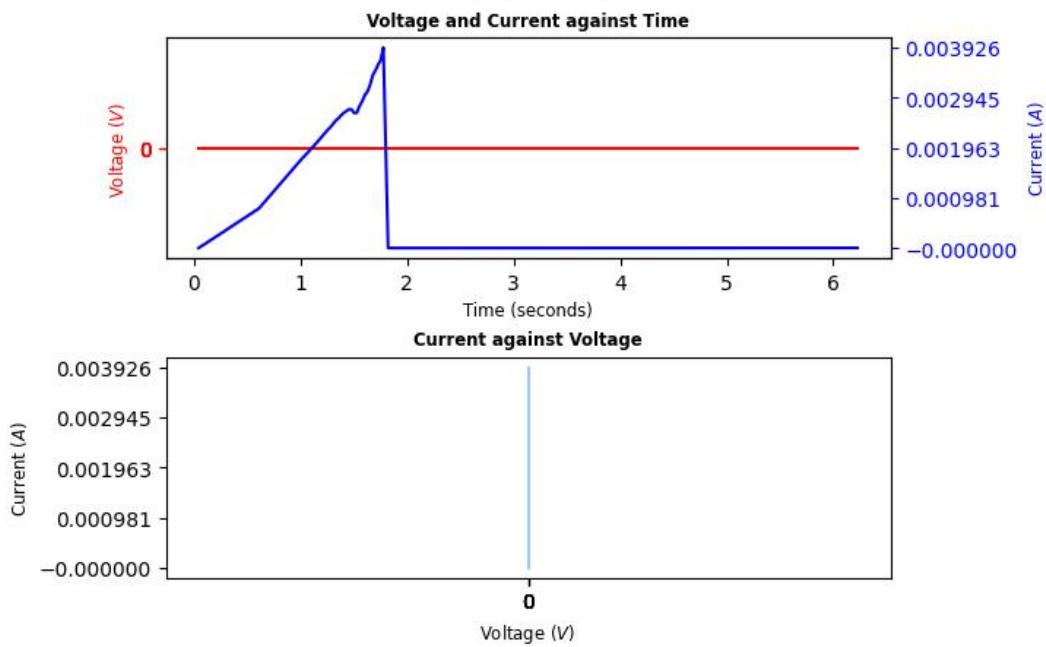
Run Folder Name = <2 probe, so invalid>

Comments = Reset at slightly higher slope than 268

### Probe A plots



### Probe B plots



---

Stimulated at 05:44:27PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

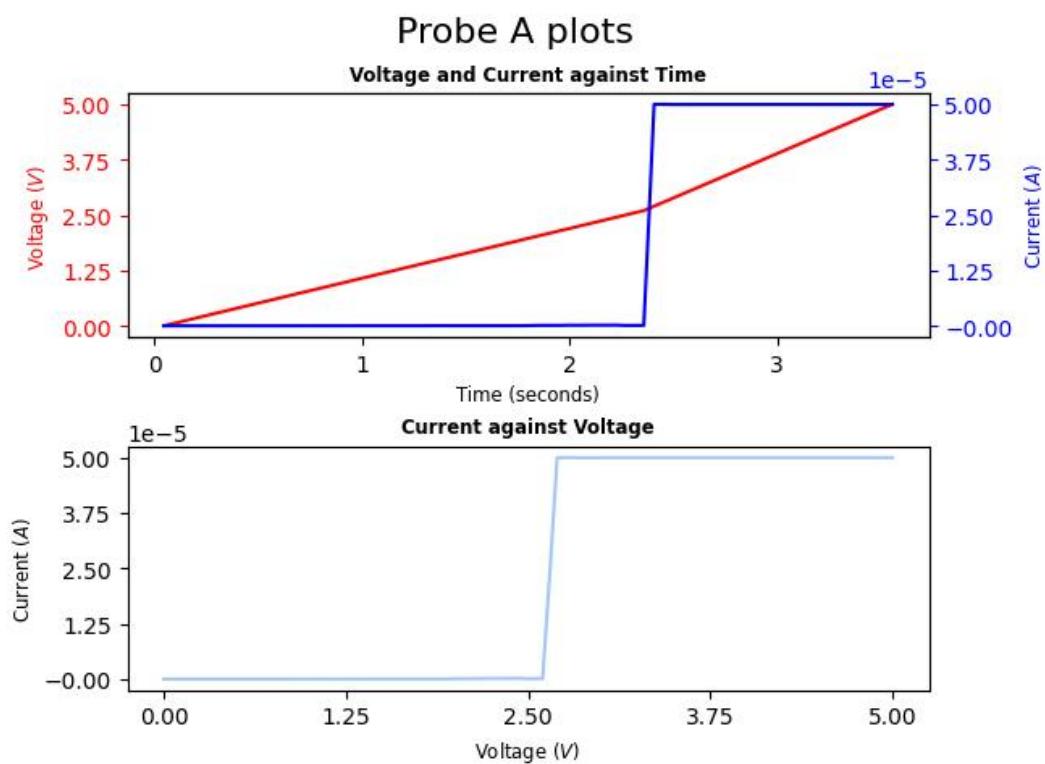
Compliance Current = 50.0uA

Platinum Voltage =

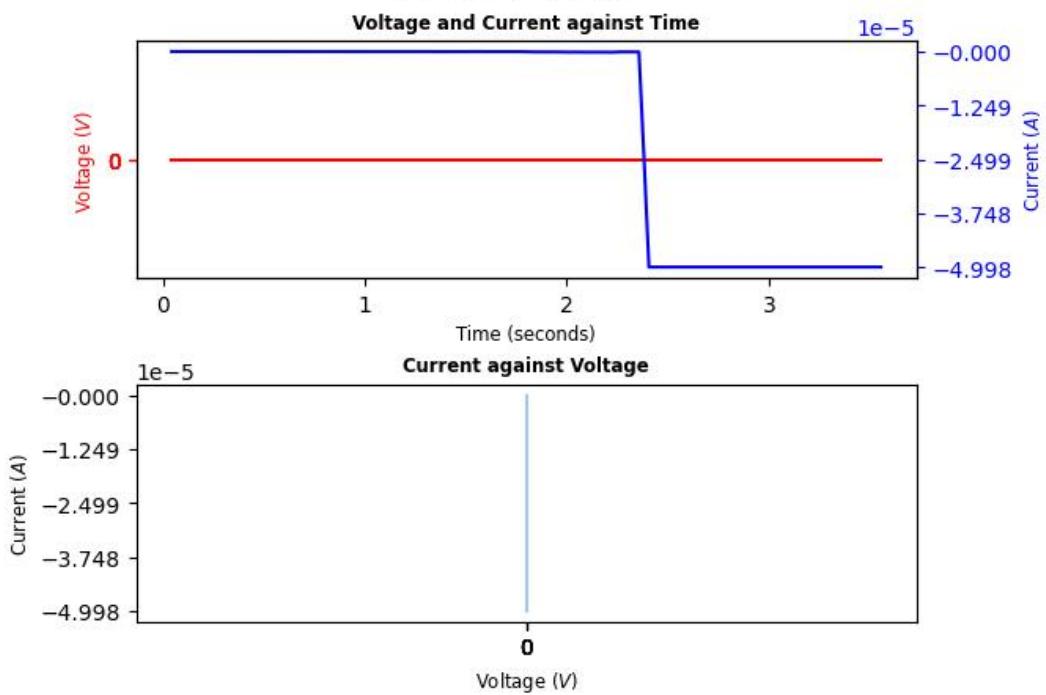
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.7V



### Probe B plots



---

Stimulated at 05:44:58PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

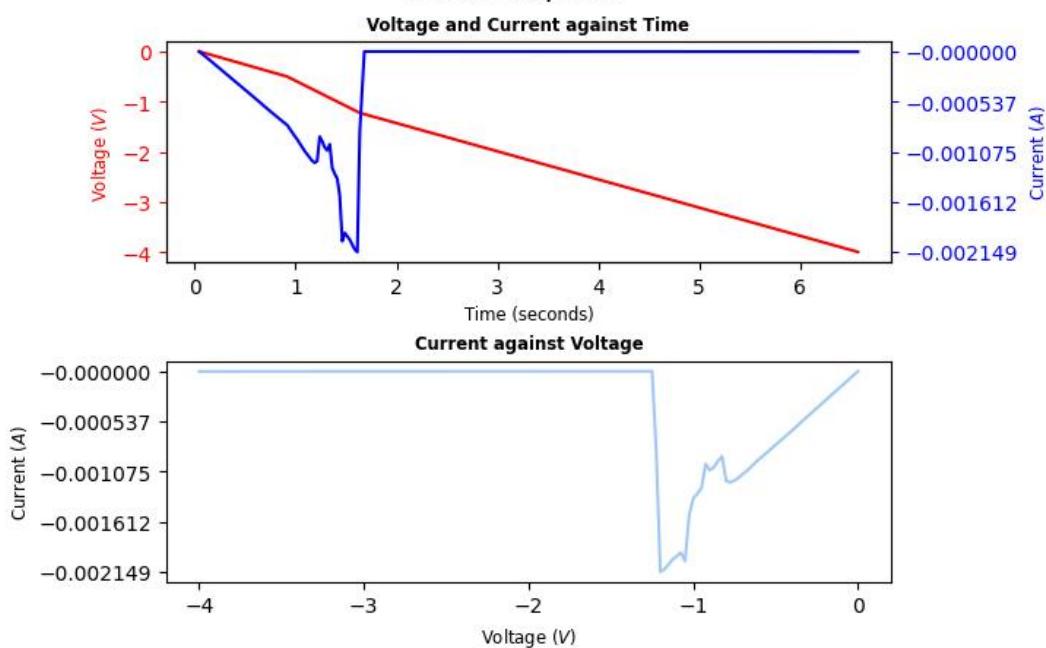
Platinum Voltage =

Copper Voltage =

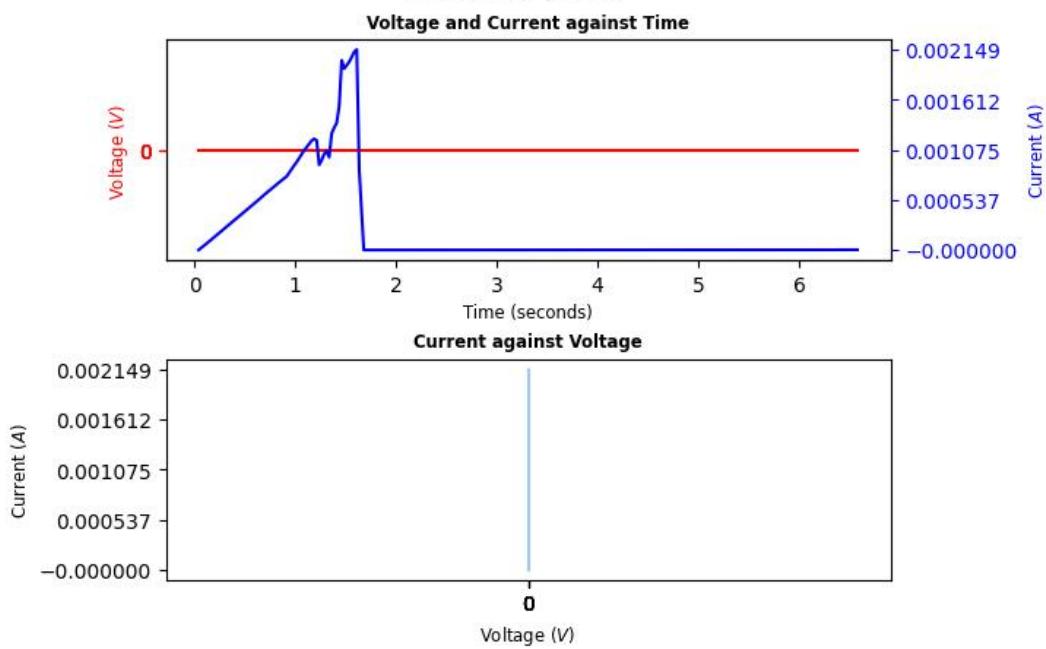
Run Folder Name = <2 probe, so invalid>

Comments = Reset, much smaller slope and slightly erratic

### Probe A plots



### Probe B plots



---

Stimulated at 05:45:27PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 50.0uA

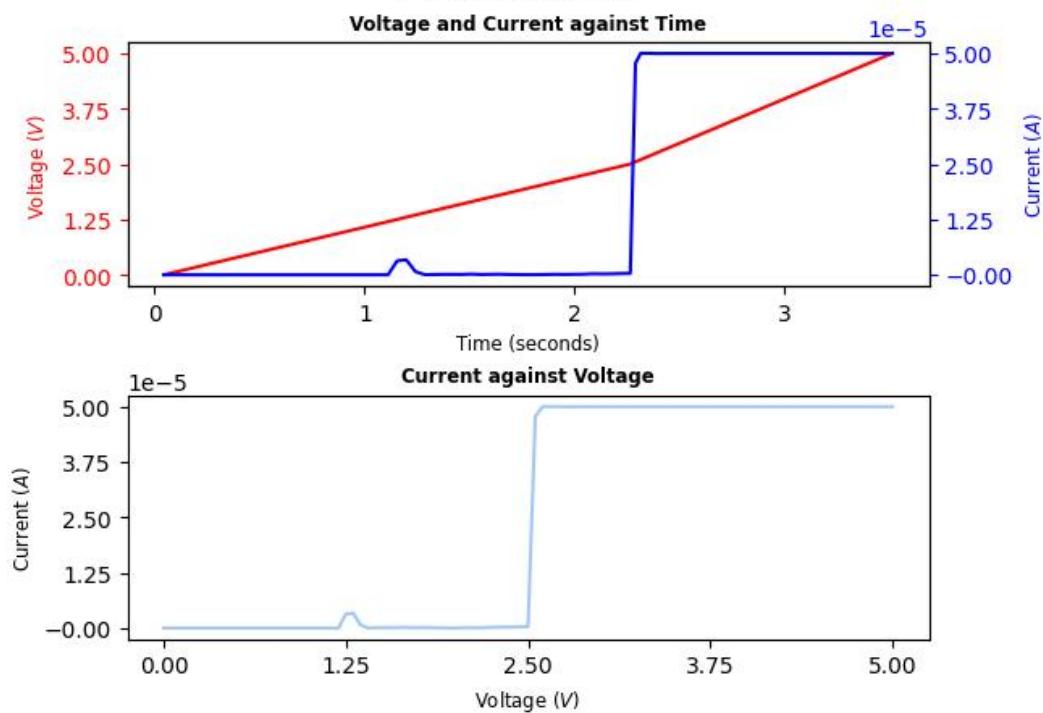
Platinum Voltage =

Copper Voltage =

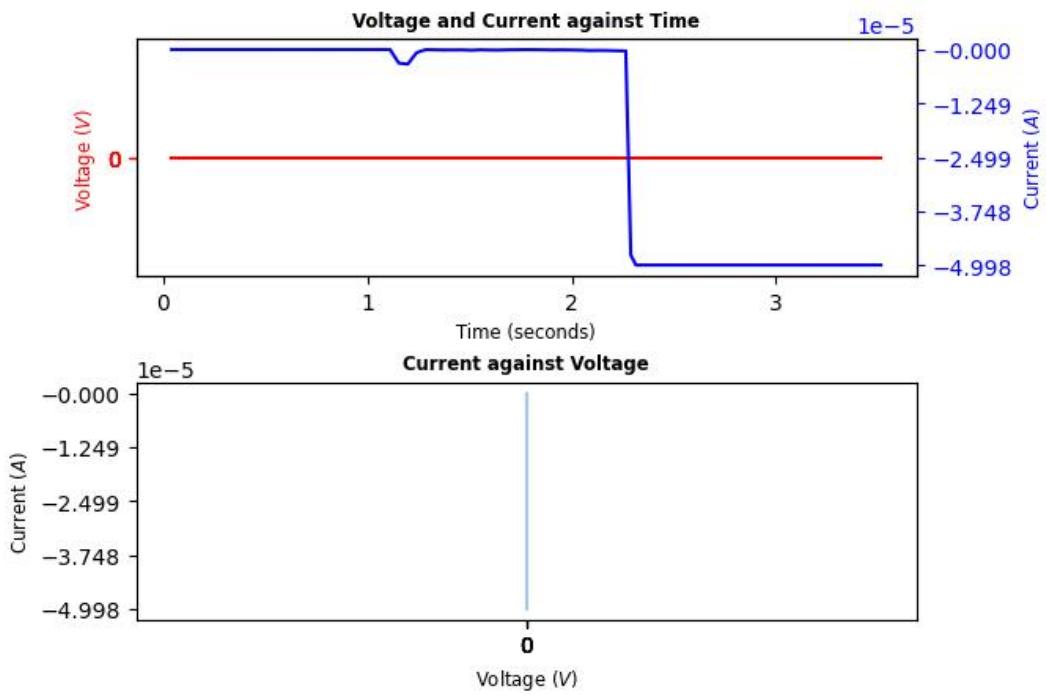
Run Folder Name = <2 probe, so invalid>

Comments = Set at 2.6V

### Probe A plots



### Probe B plots



---

Stimulated at 05:45:54PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

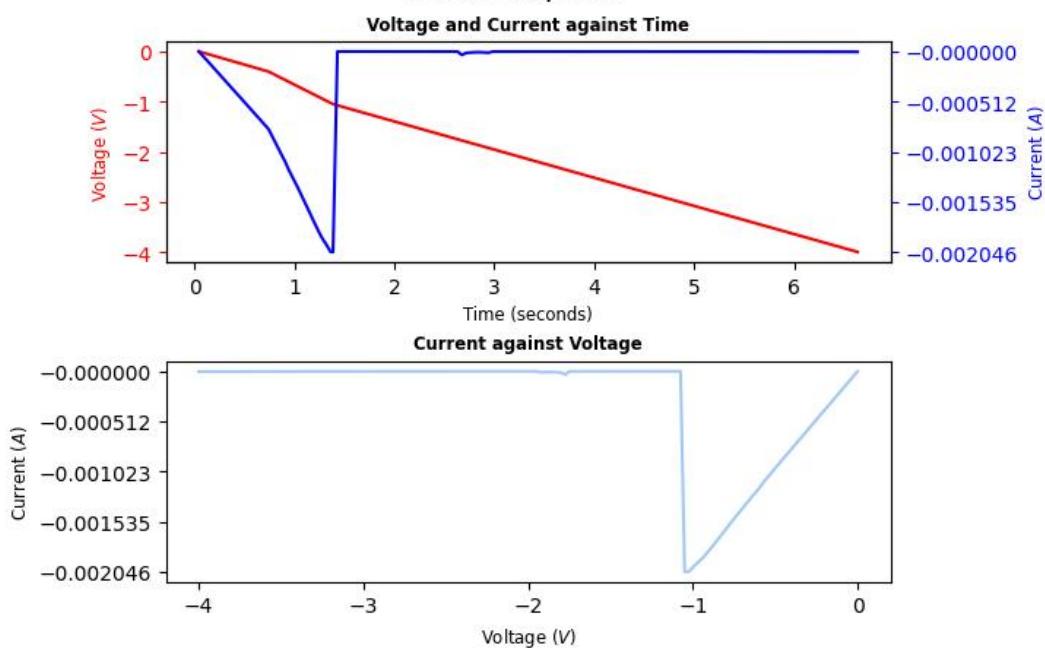
Platinum Voltage =

Copper Voltage =

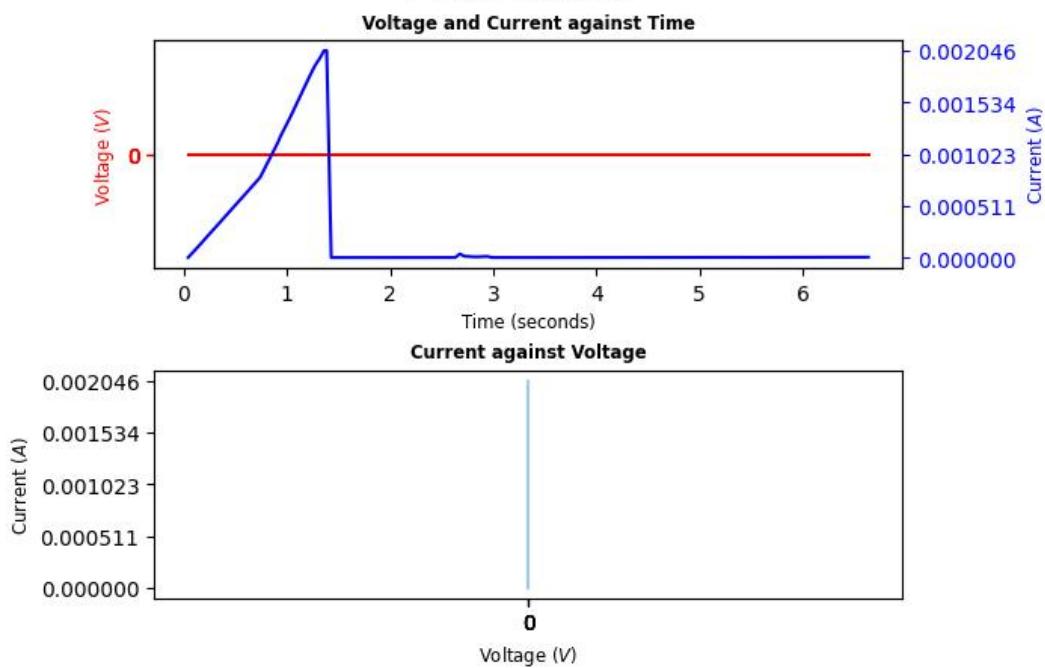
Run Folder Name = <2 probe, so invalid>

Comments = Reset, shallower slope than Run 269

### Probe A plots



### Probe B plots



---

Stimulated at 05:46:27PM on 2022/March/25

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 50.0uA

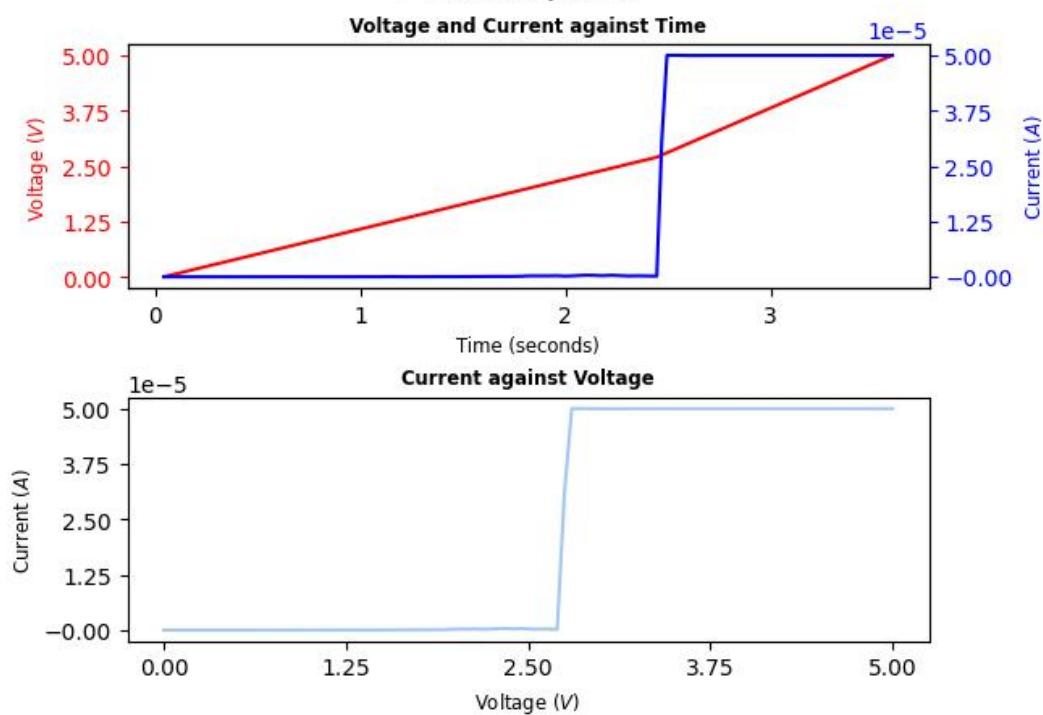
Platinum Voltage =

Copper Voltage =

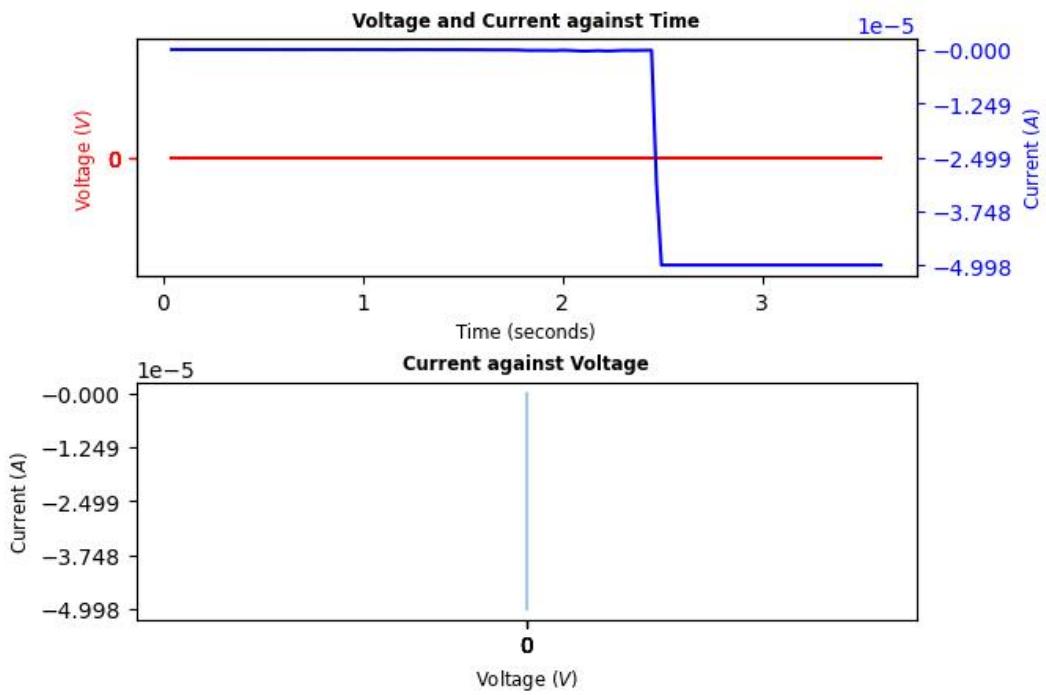
Run Folder Name = <2 probe, so invalid>

Comments = set at 2.8V

### Probe A plots



### Probe B plots



Stimulated at 05:46:52PM on 2022/March/25

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

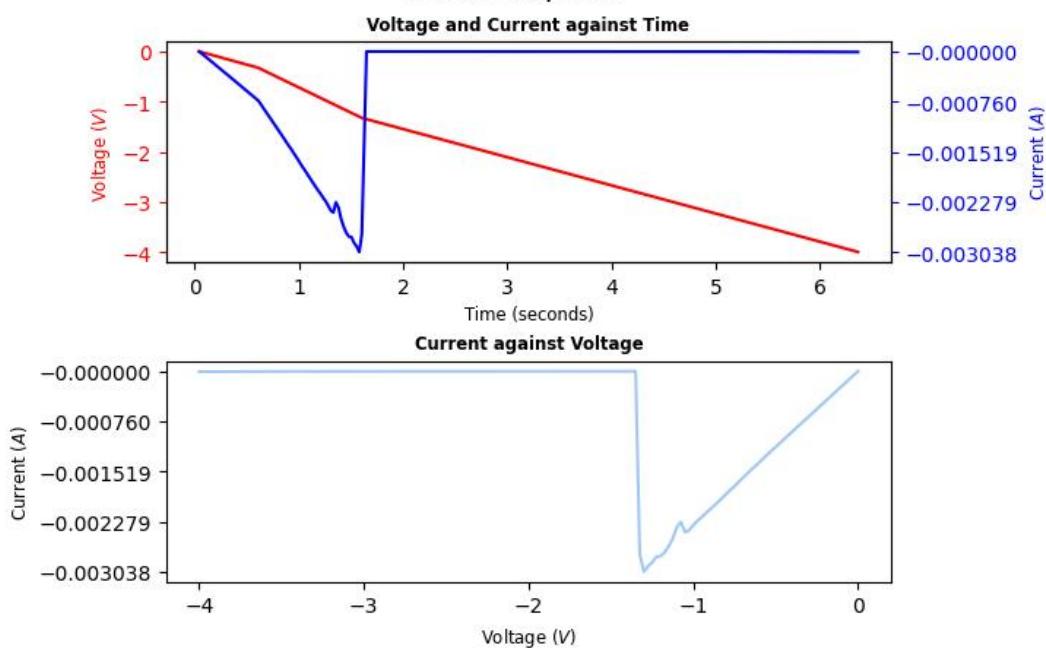
Platinum Voltage =

Copper Voltage =

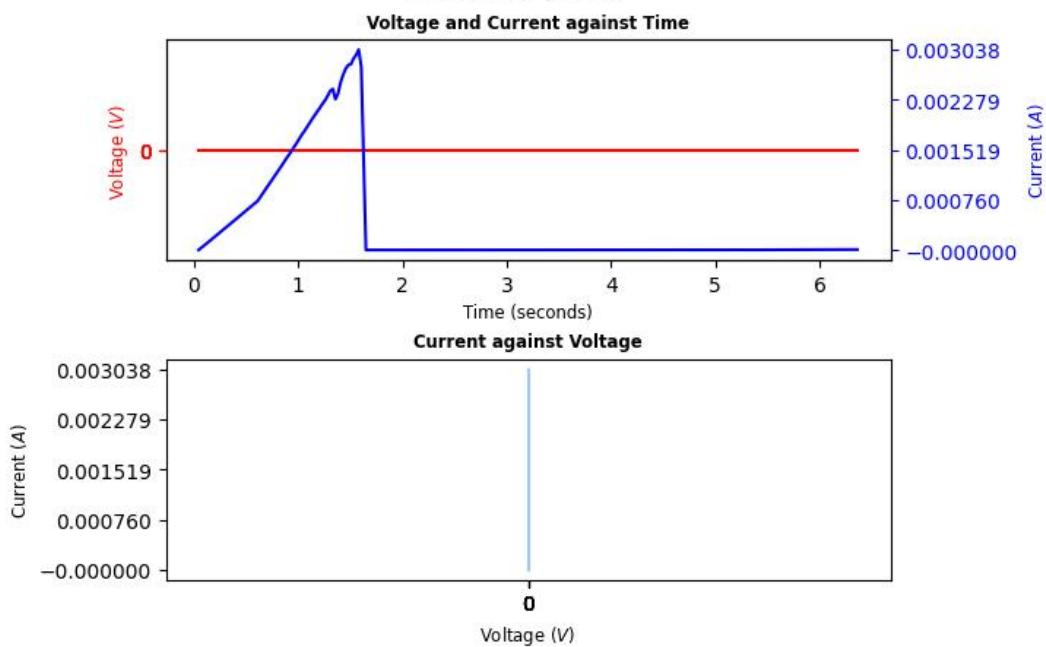
Run Folder Name = <2 probe, so invalid>

Comments = Reset

### Probe A plots



### Probe B plots



Stimulated at 04:59:58PM 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 = 50.0uA

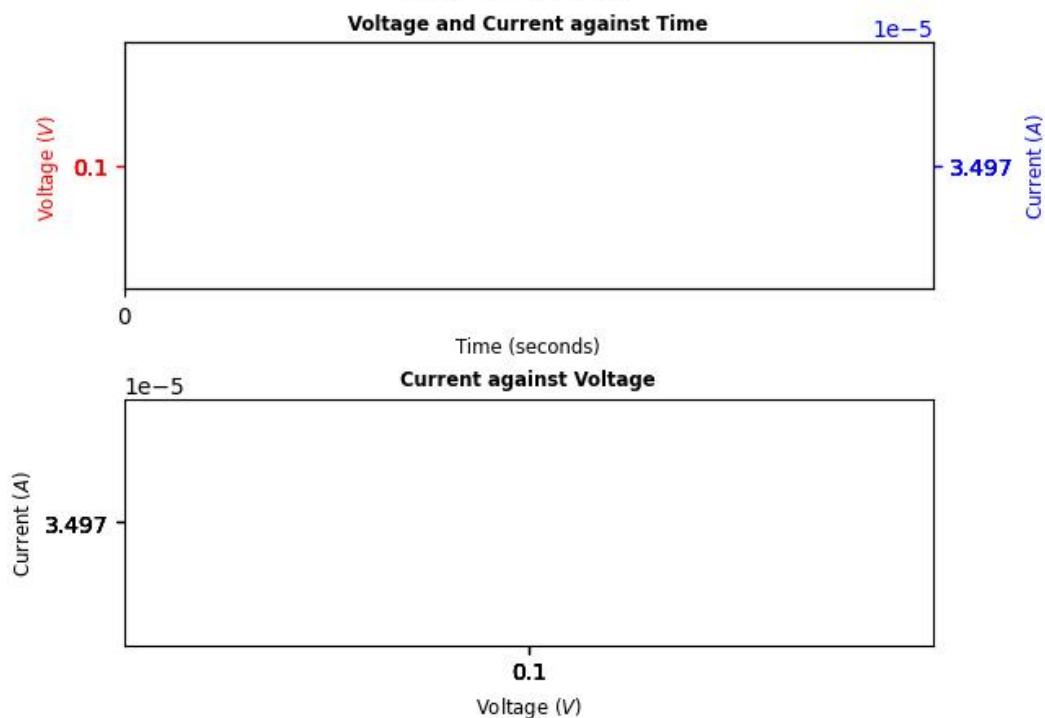
Platinum Voltage = 0V

Copper Voltage = 0.100V

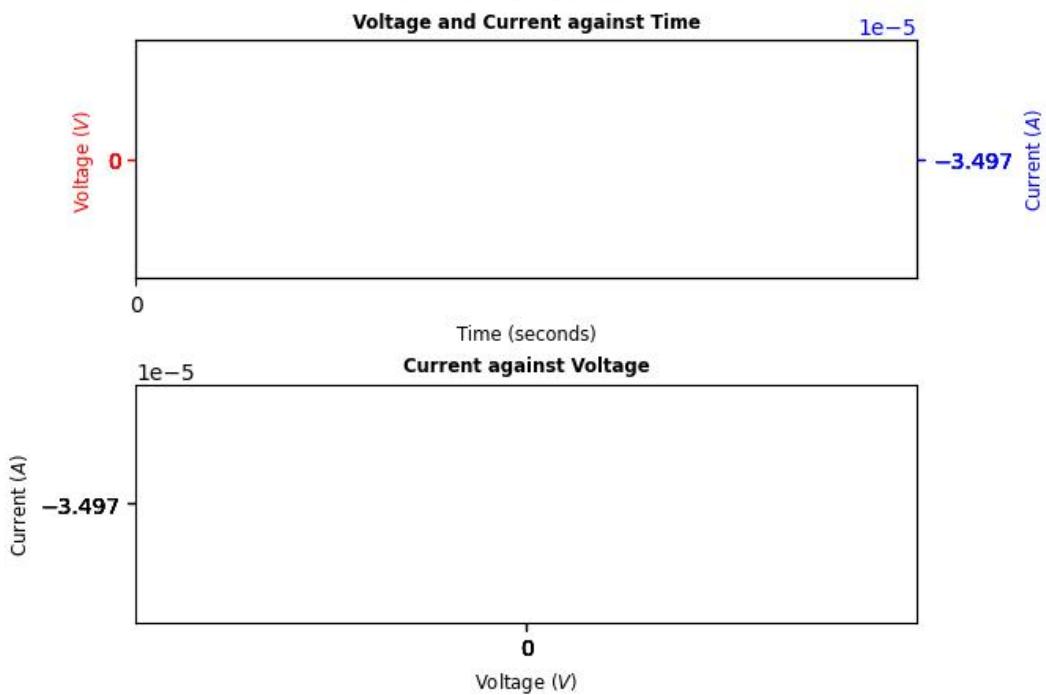
Run Folder Name = <2 probe, so invalid>

Comments = Set, not supposed to be State: Set\*

### Probe A plots



### Probe B plots



Stimulated at 05:00:16PM on 2022/March/28

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

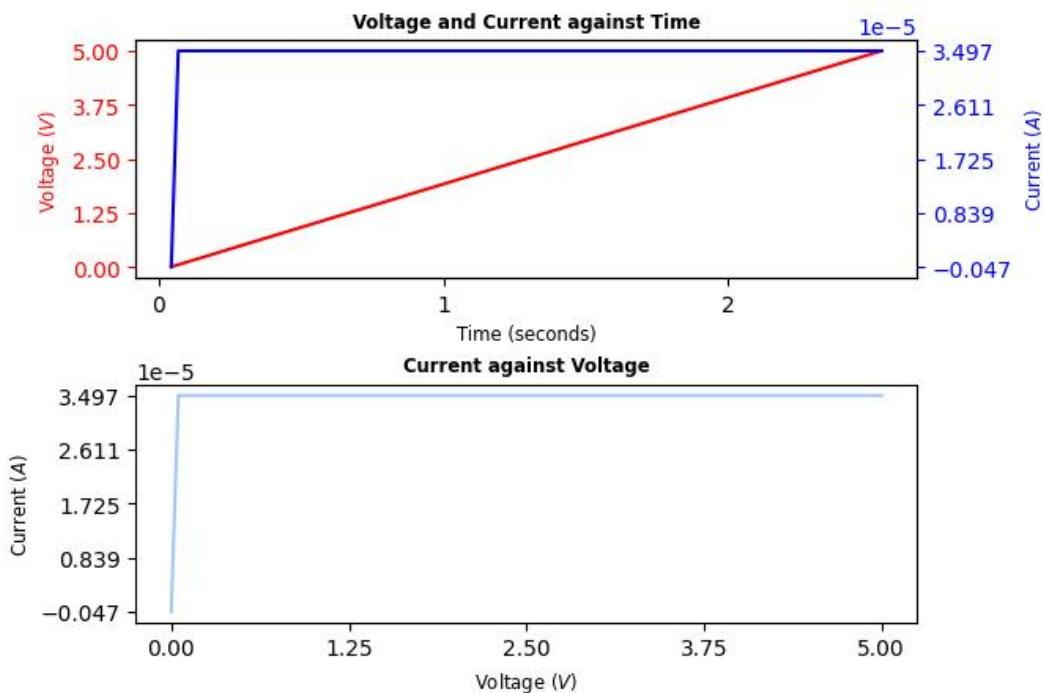
Platinum Voltage =

Copper Voltage =

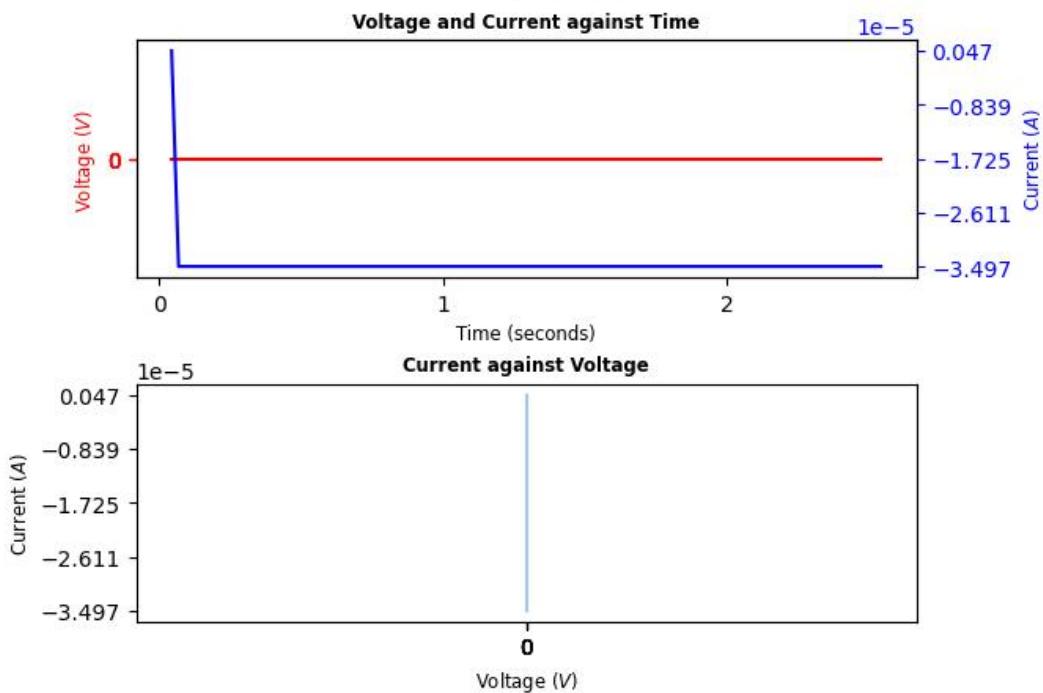
Run Folder Name = <2 probe, so invalid>

Comments = Set, everything in array may be shorted

### Probe A plots



### Probe B plots



Stimulated at 05:00:33PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

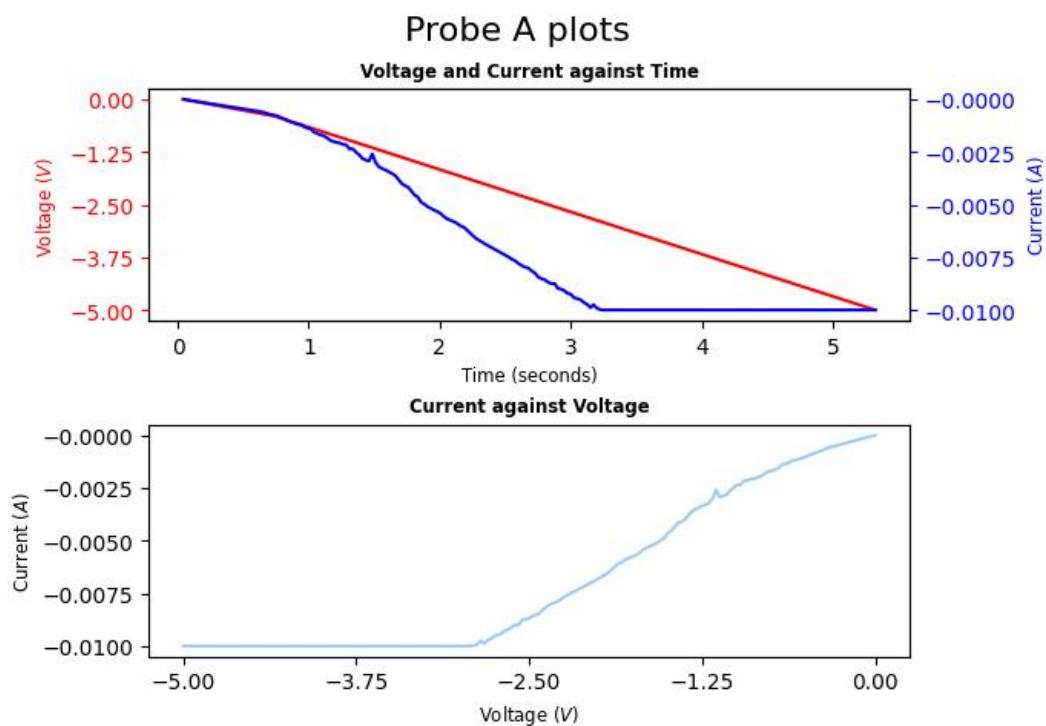
Compliance Current = 10.0mA

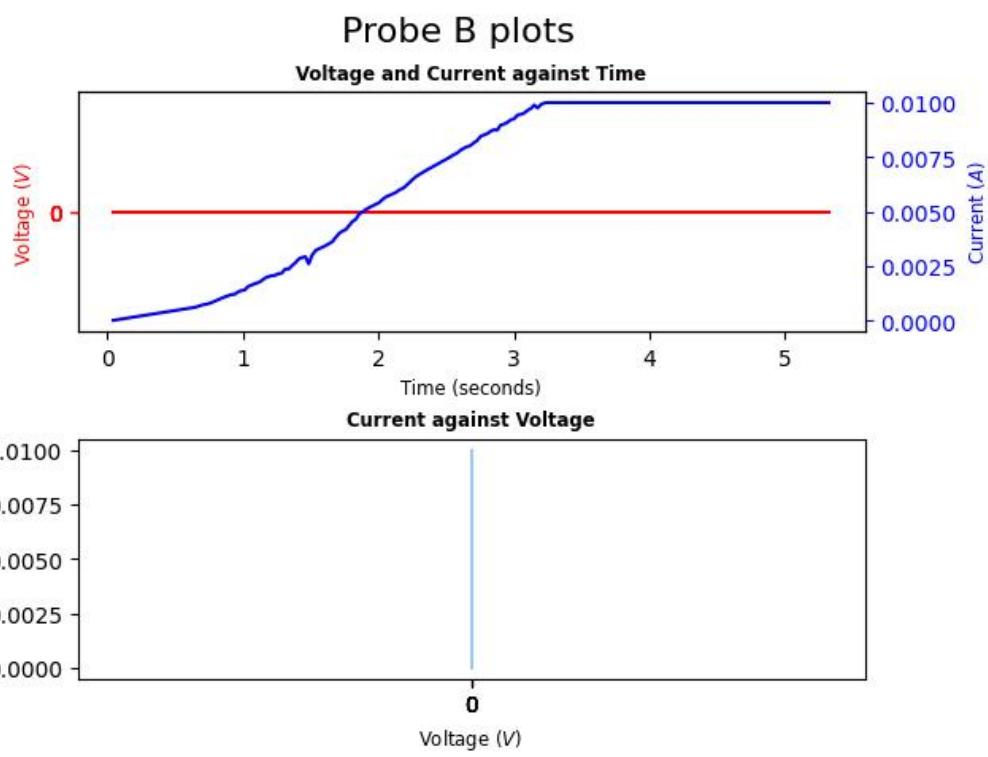
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset





Stimulated at 05:00:47PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

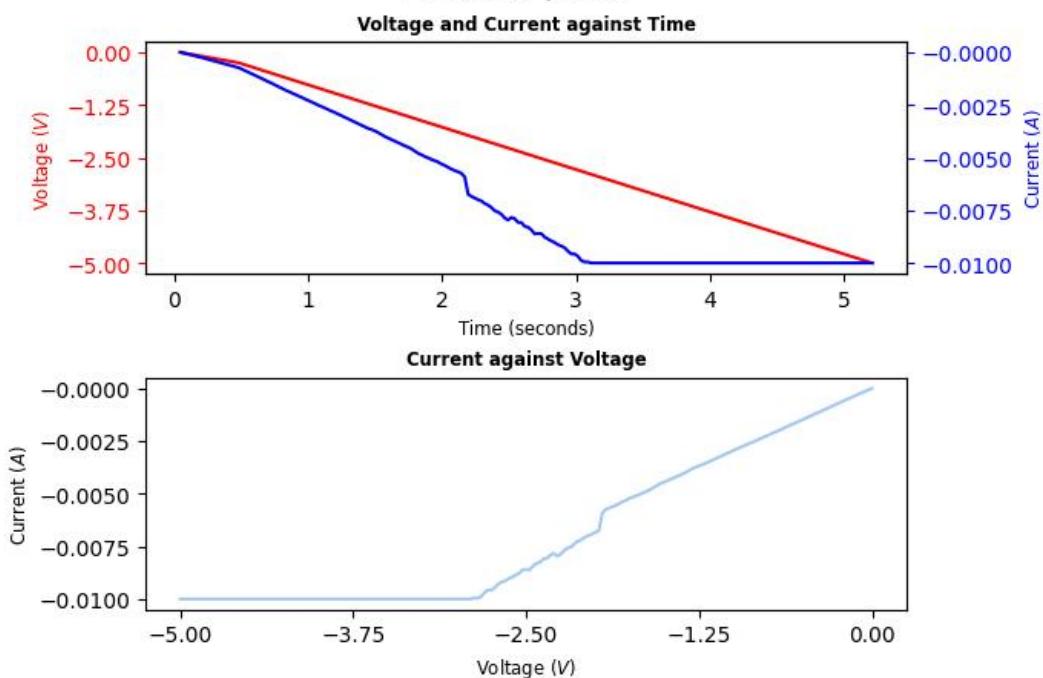
Platinum Voltage =

Copper Voltage =

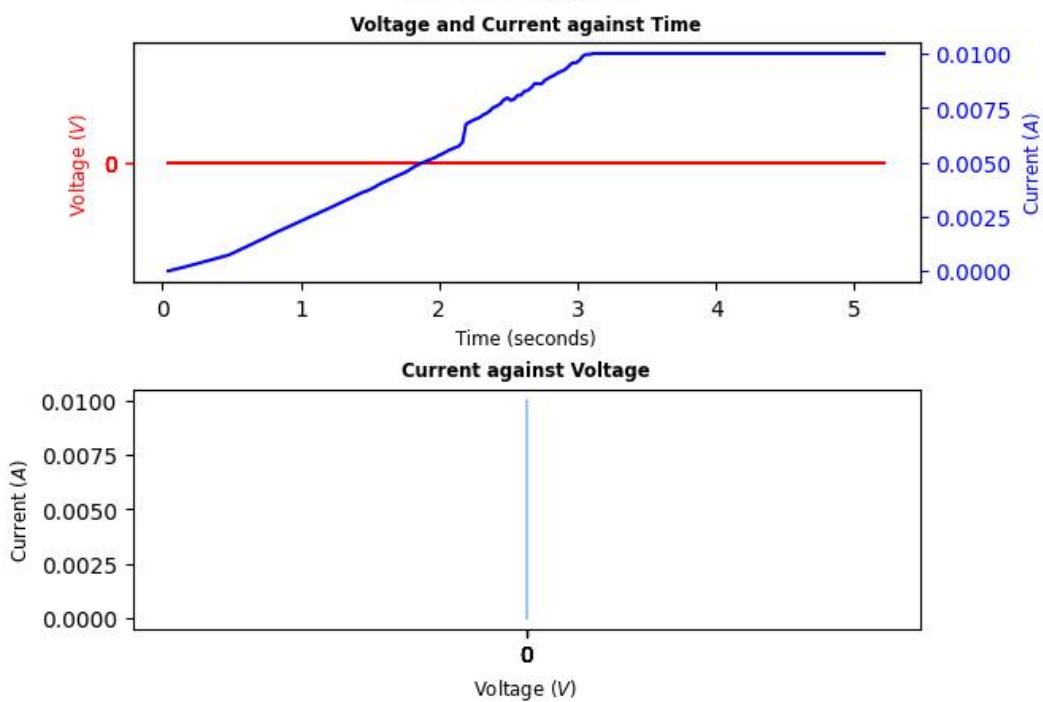
Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset

### Probe A plots



### Probe B plots



---

Stimulated at 05:01:07PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

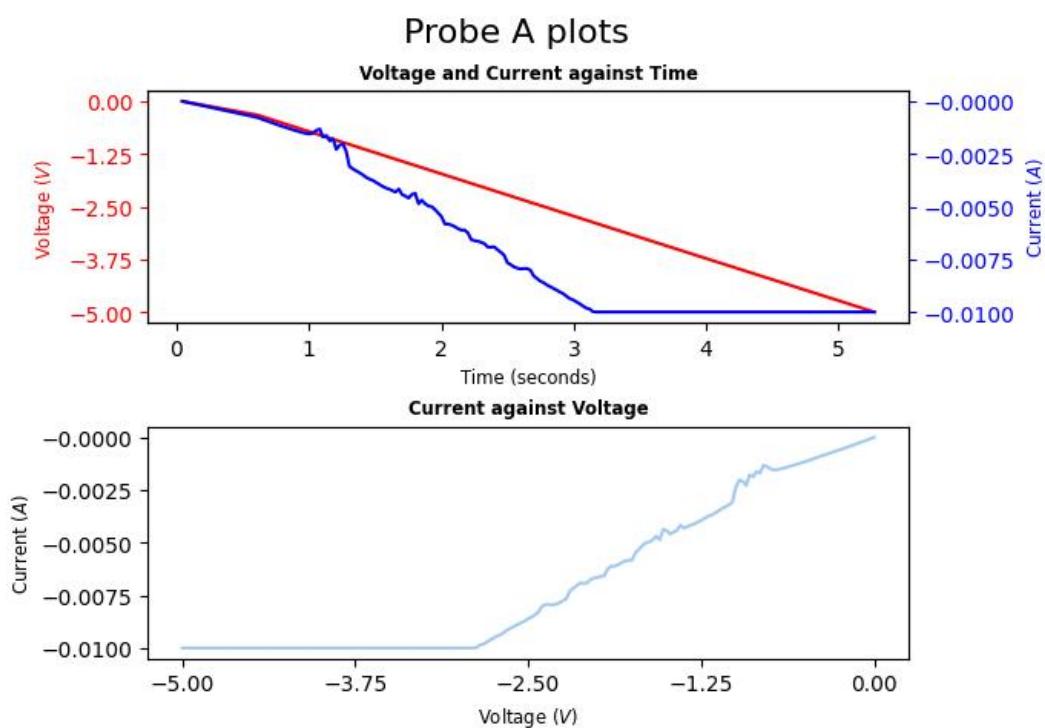
Compliance Current = 10.0mA

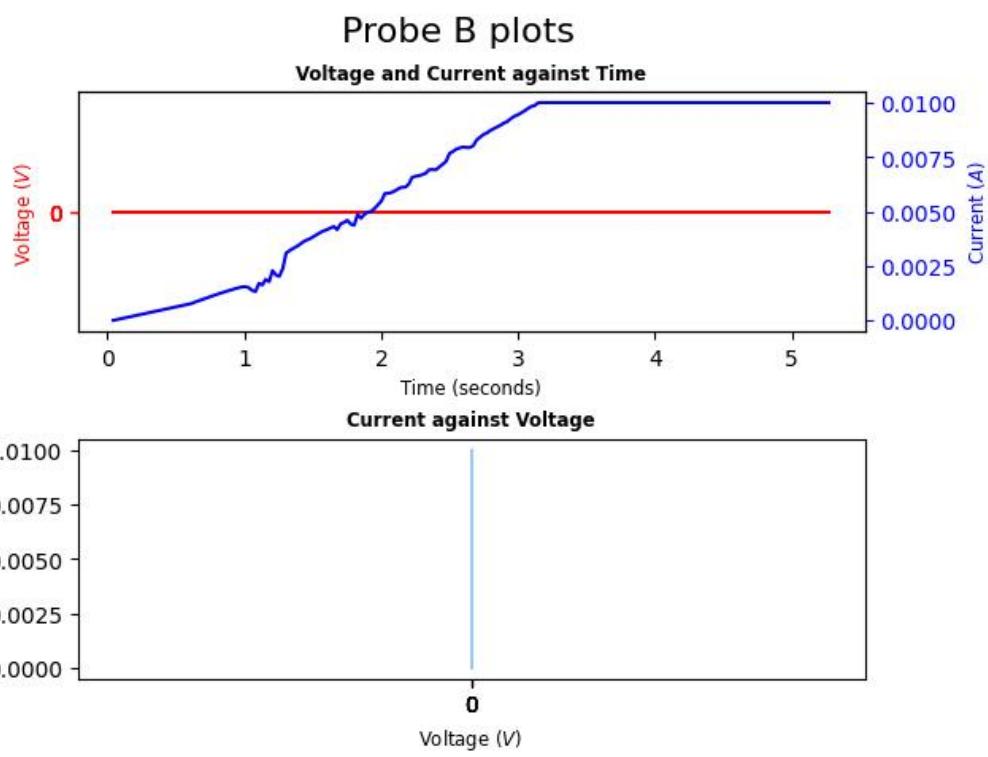
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset





Stimulated at 05:01:39PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

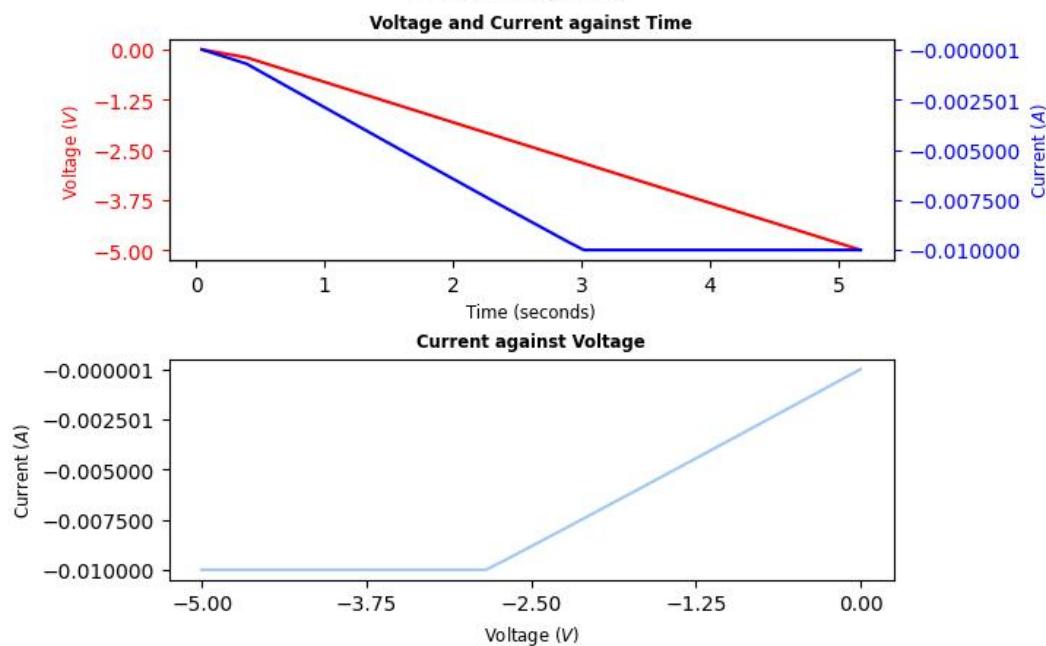
Platinum Voltage =

Copper Voltage =

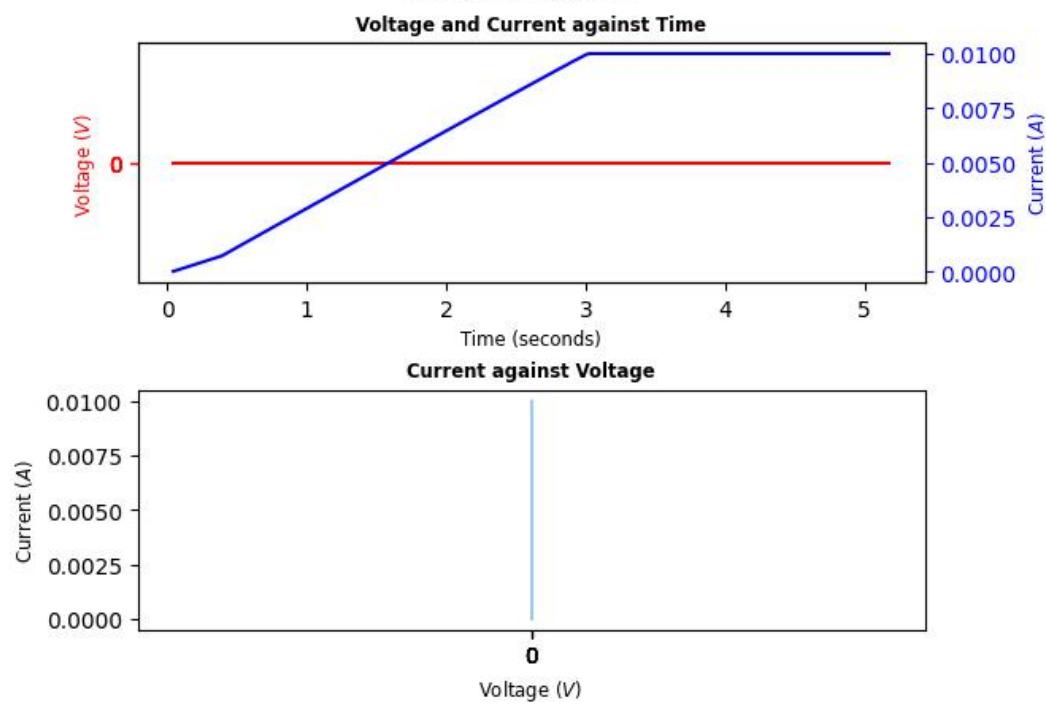
Run Folder Name = <2 probe, so invalid>

Comments = Didn't Reset

### Probe A plots



### Probe B plots



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