(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
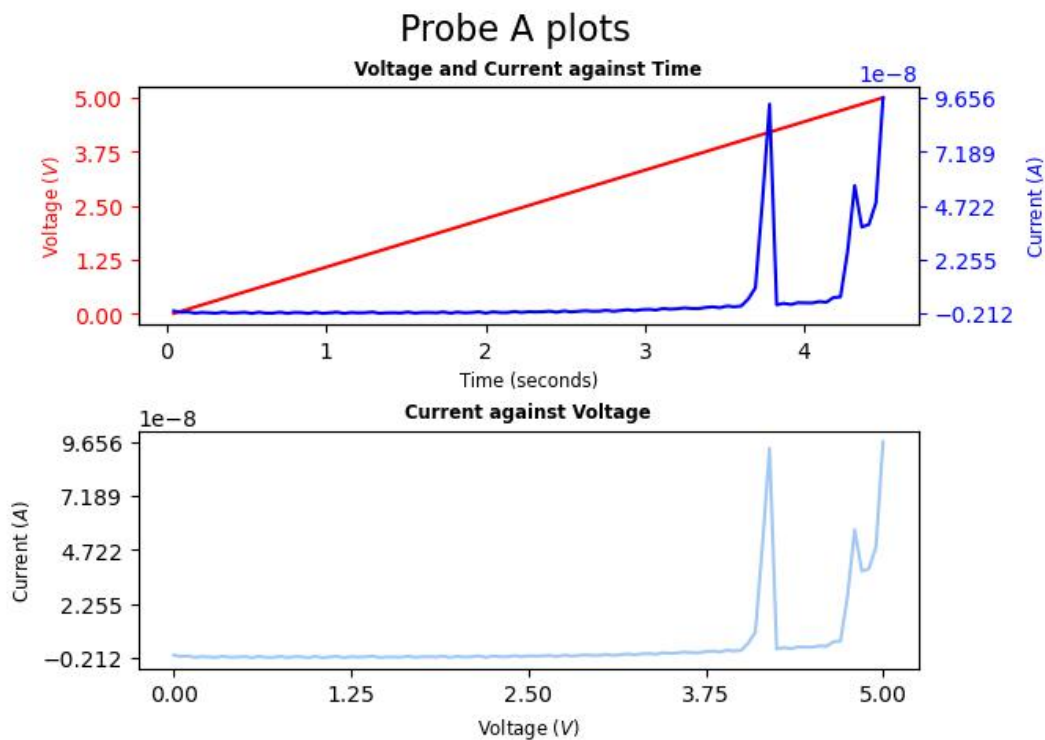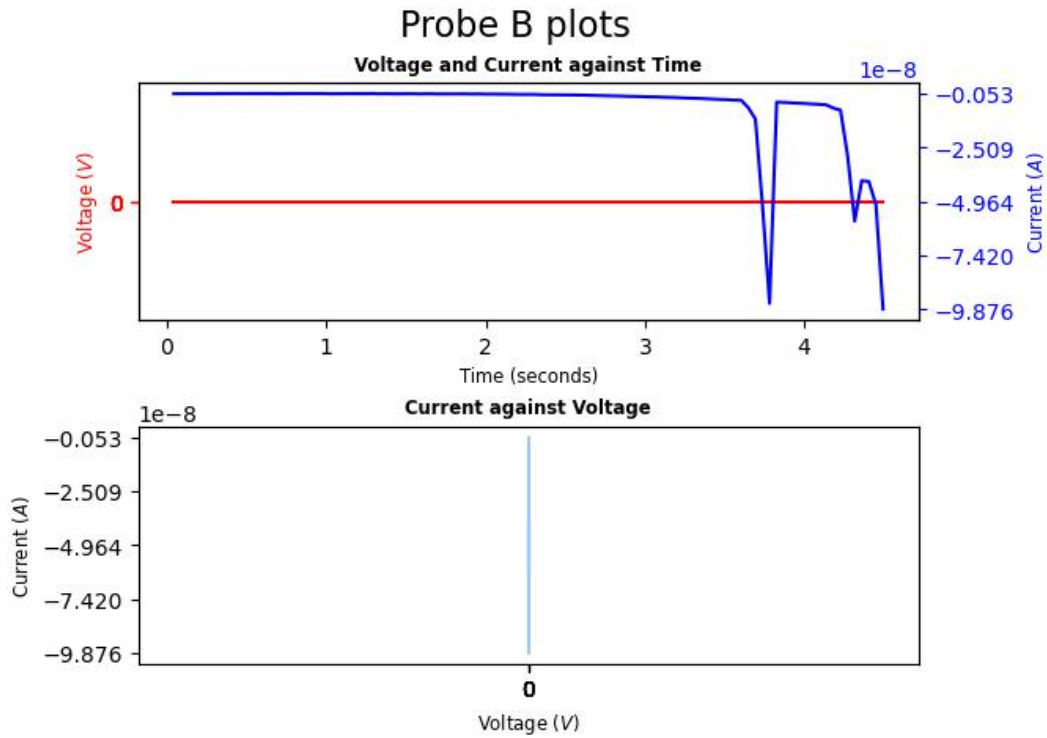
Platinum Voltage =

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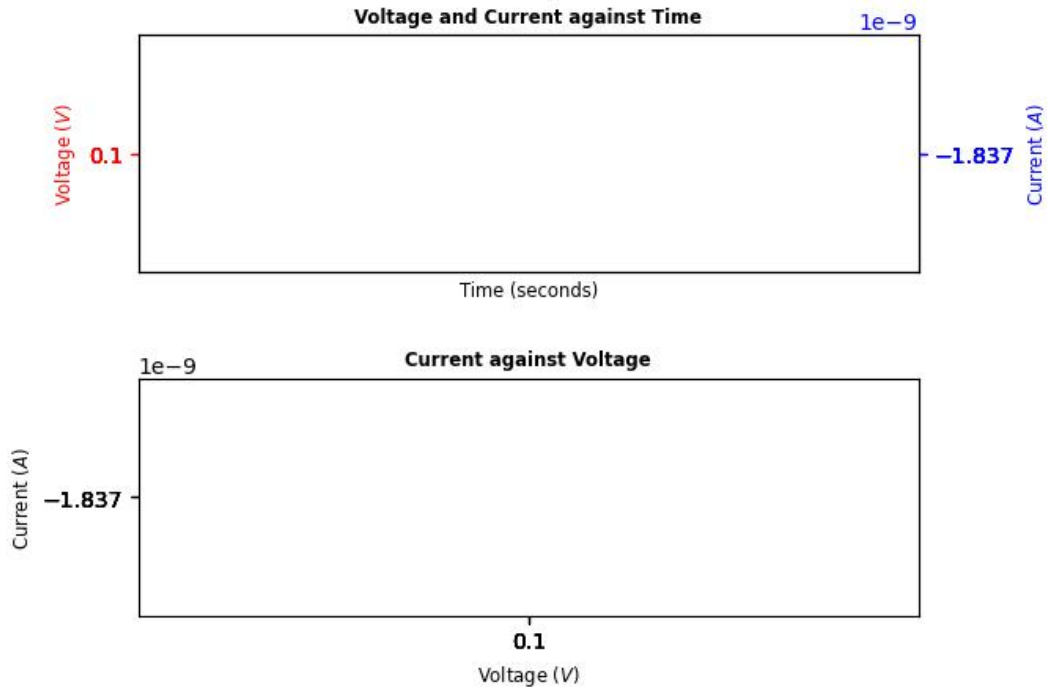
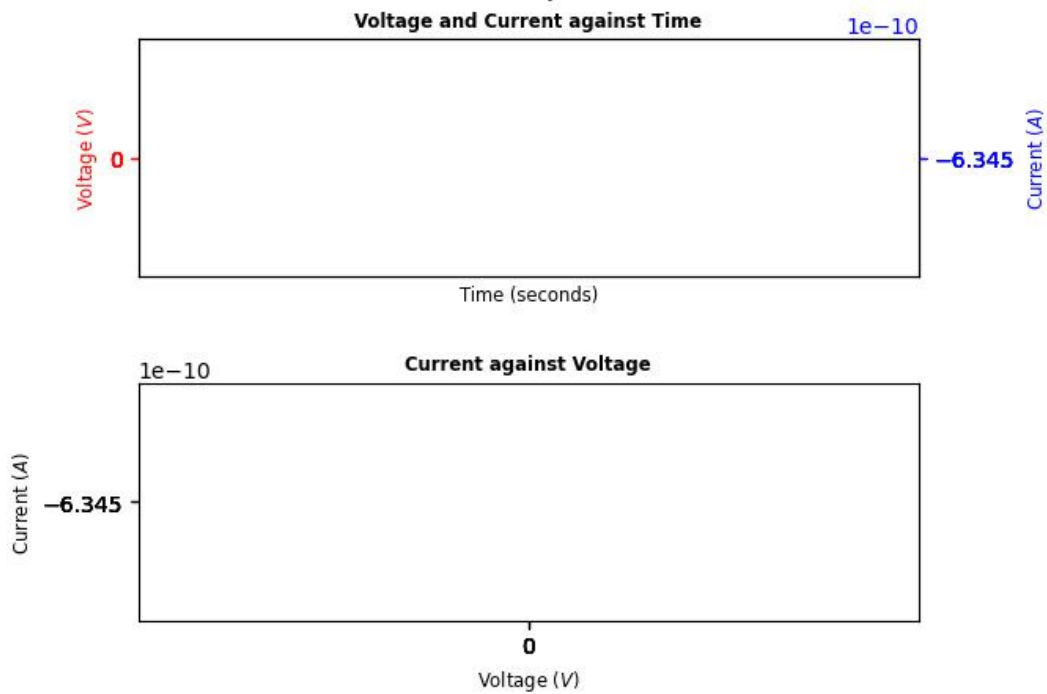Ramp Rate = <2 probe observe activity, so invalid>

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

Voltage and Current against Time

1e−9

Voltage (V) 0.1

Current (A) −1.837

Time (seconds)

Current against Voltage

1e−9

Current (A) −1.837

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−10

Voltage (V) 0

Current (A) −6.345

Time (seconds)

Current against Voltage

1e−10

Current (A) −6.345

0

Voltage (V)

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

Activity = form

Start Voltage = 0V

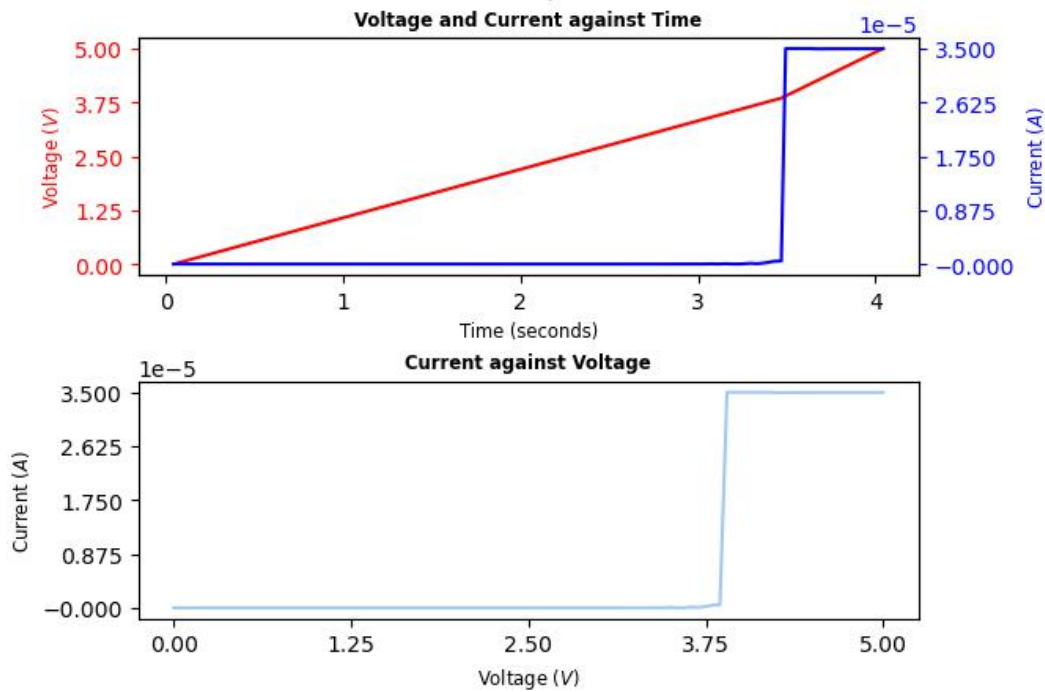End Voltage = 5V

Ramp Rate = 1V/s

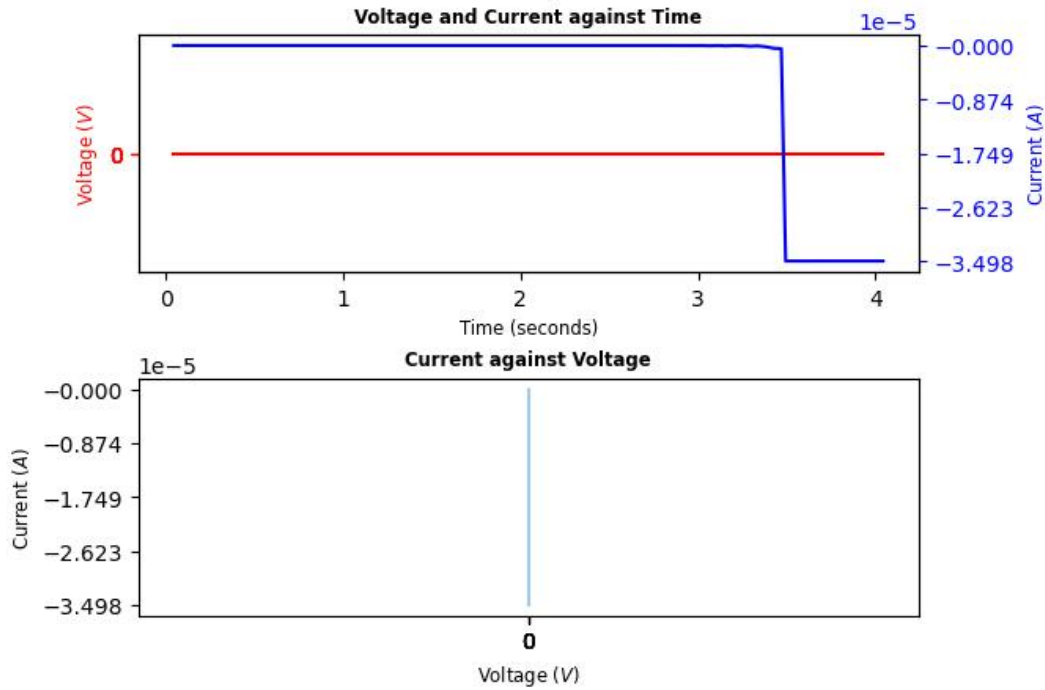Compliance Current = 35.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did set at 3.9 V

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

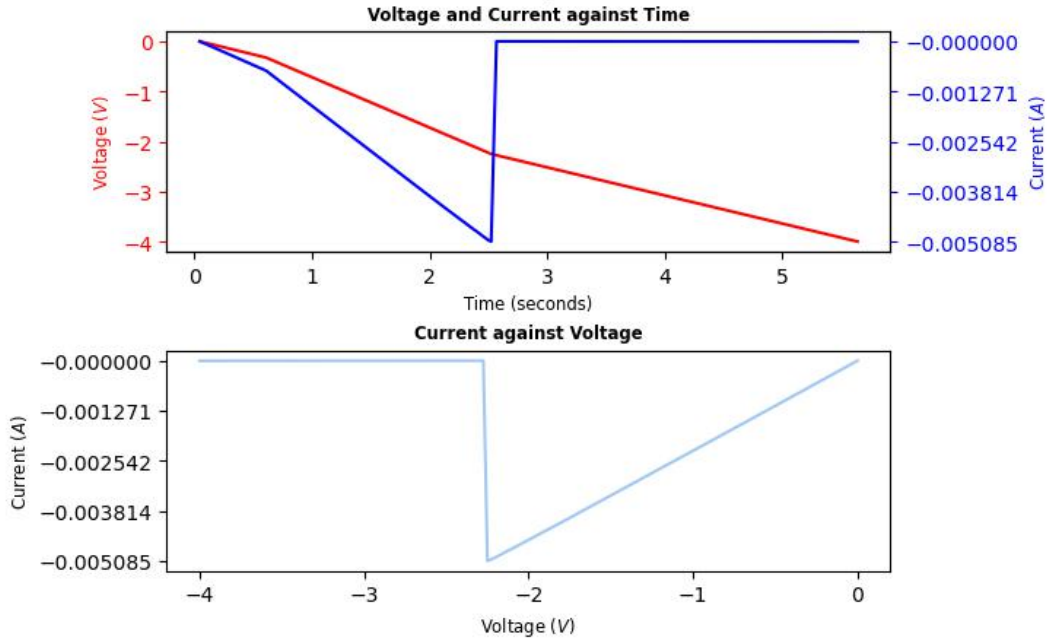End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

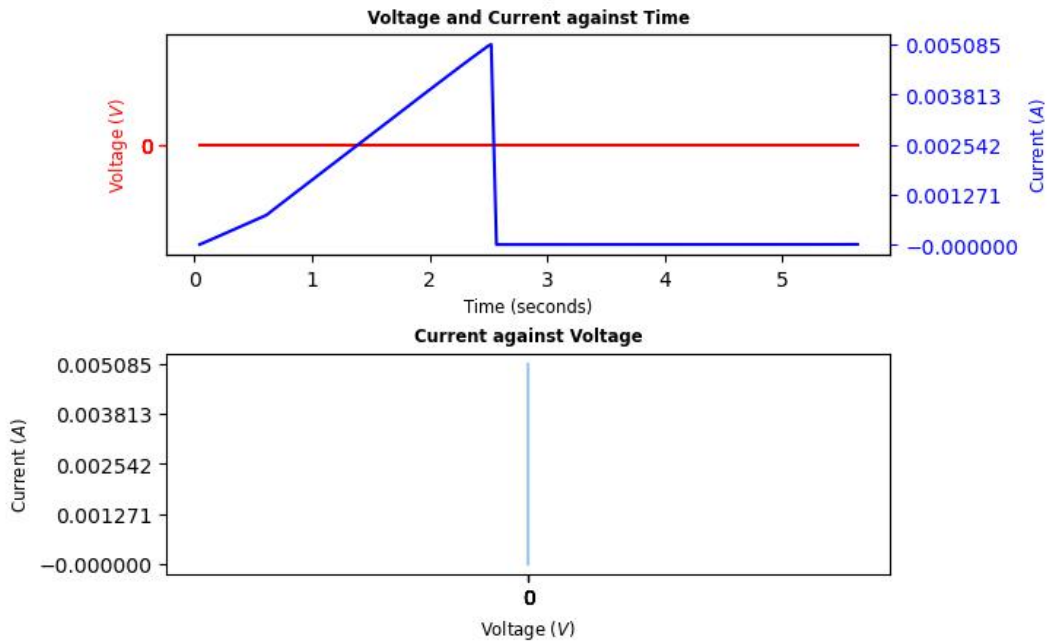Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Use this one for r_on, reset nicely

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

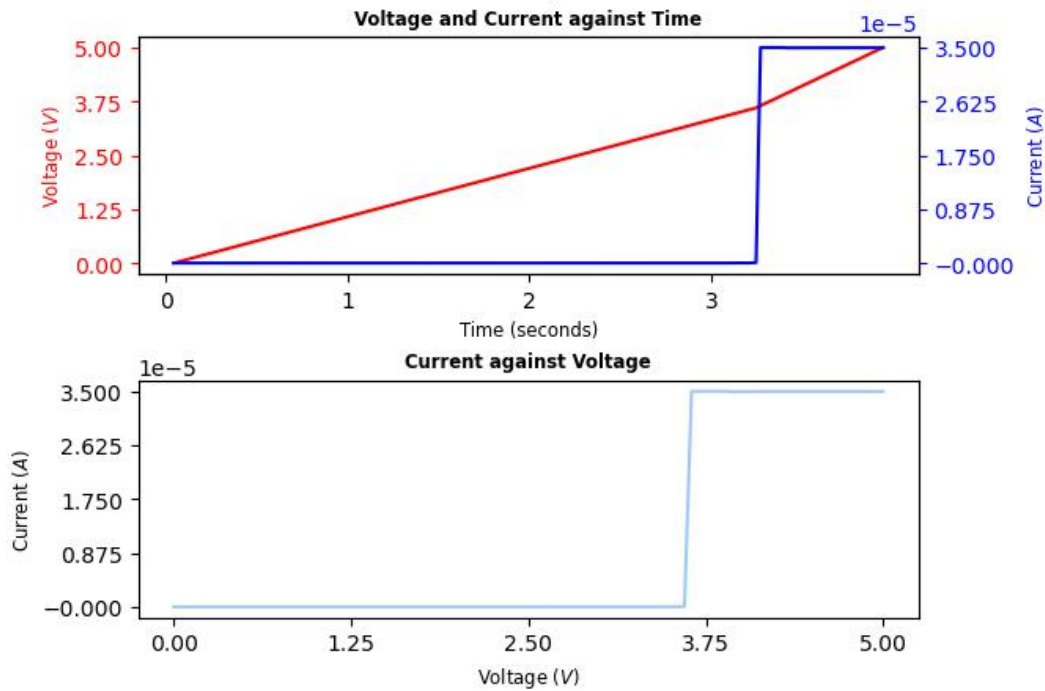End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

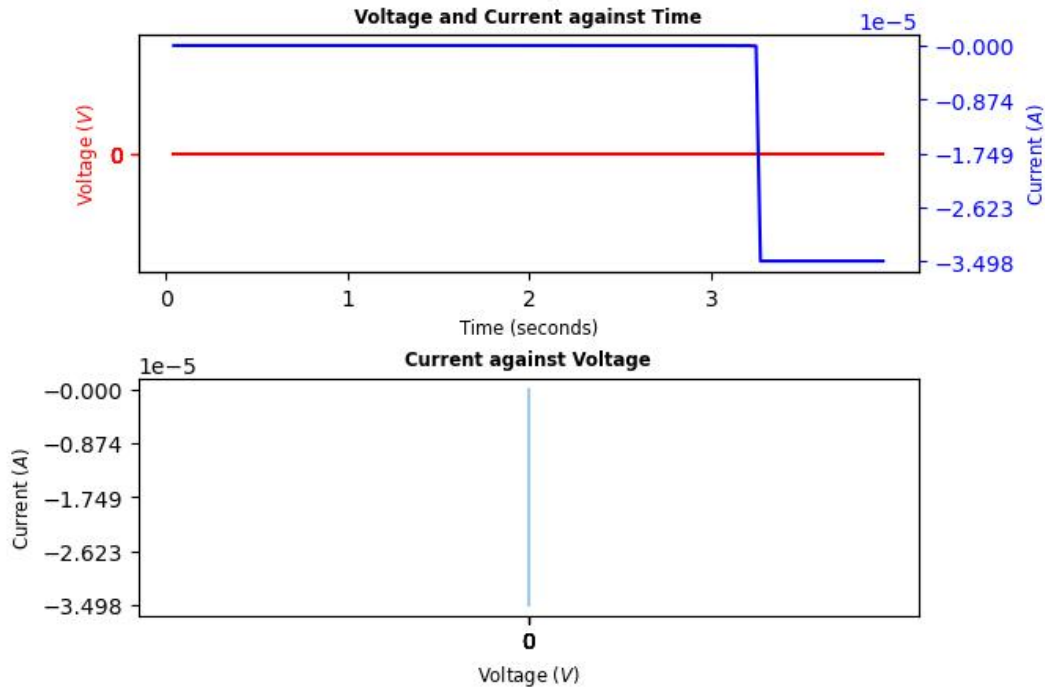Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.65 V, lower than form

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

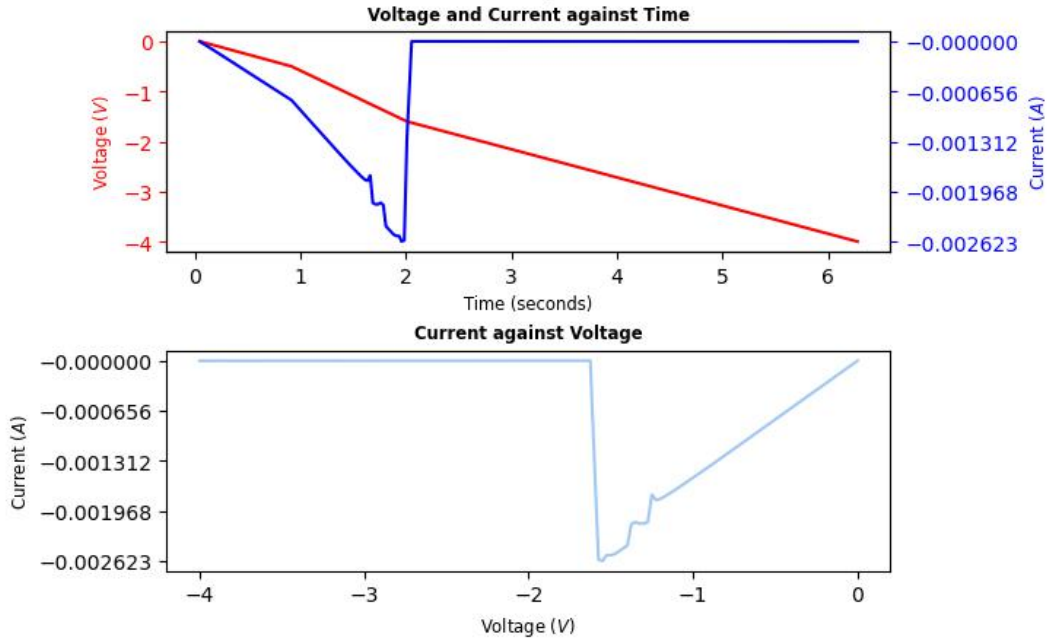Compliance Current = 8.0mA

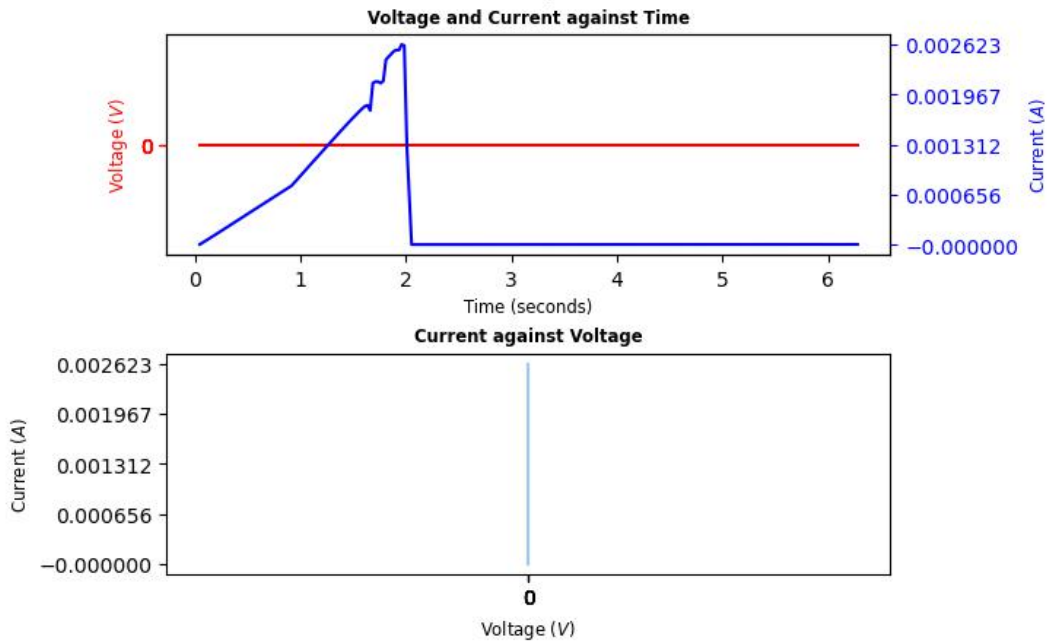Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, little weird

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

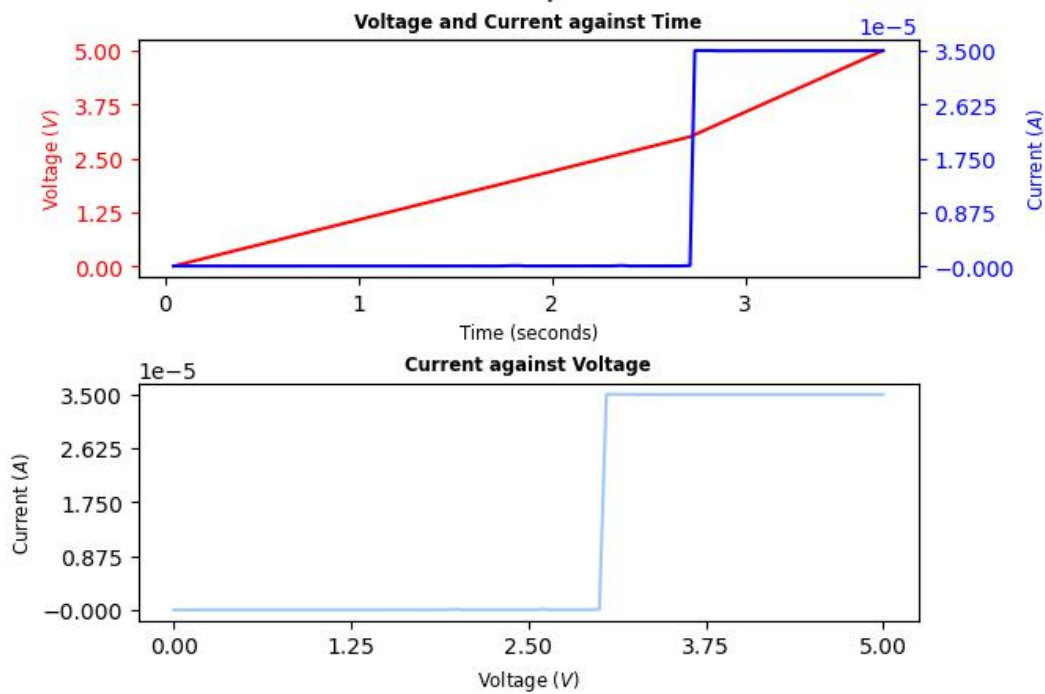End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA
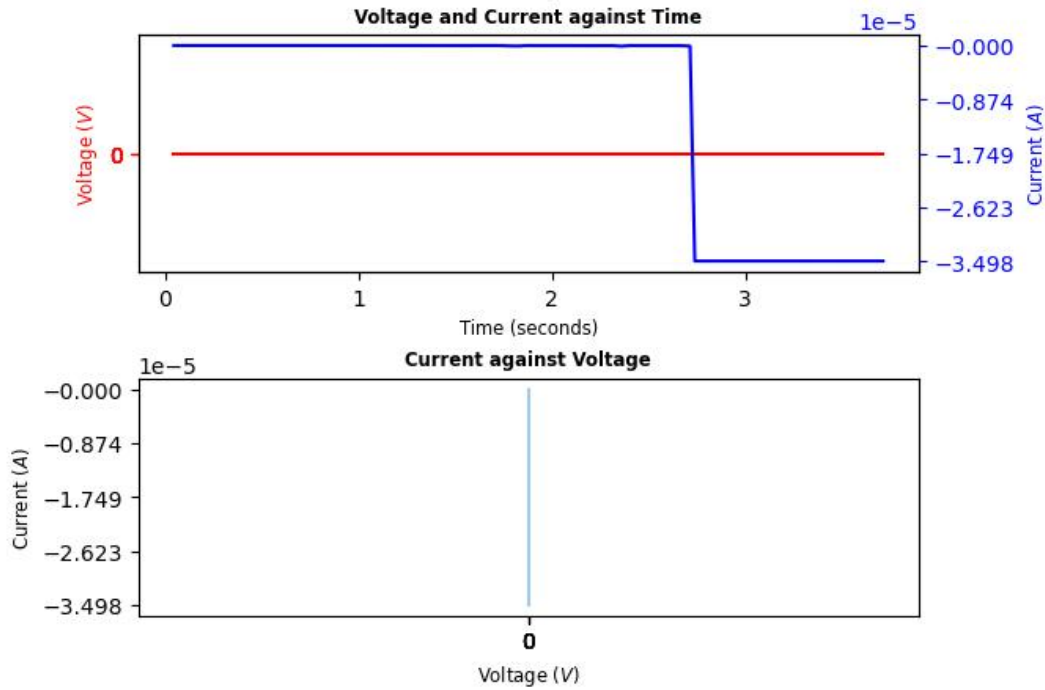
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.05

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

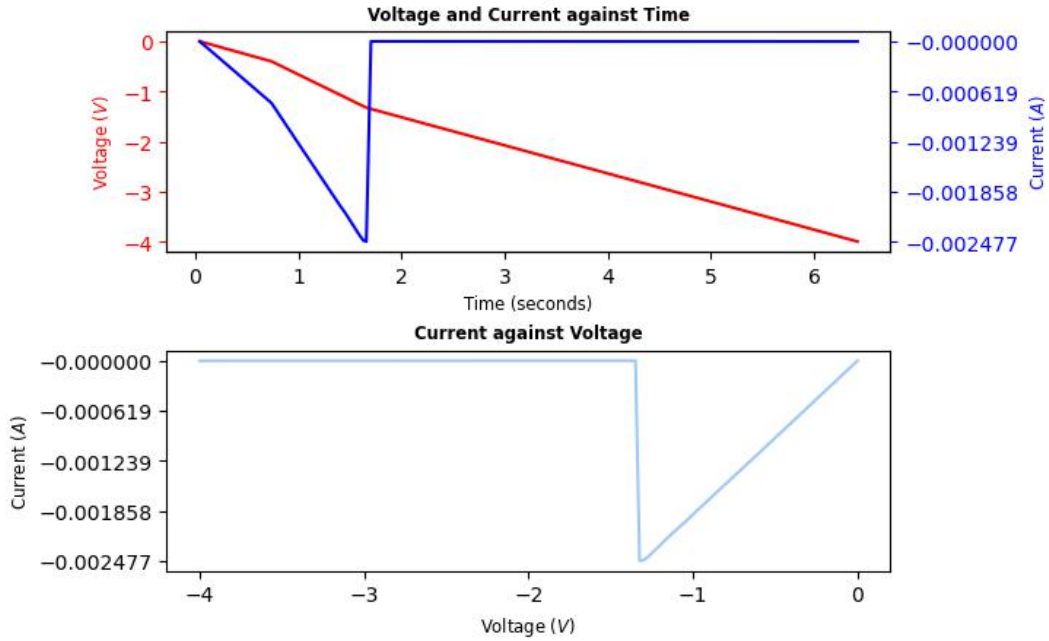End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

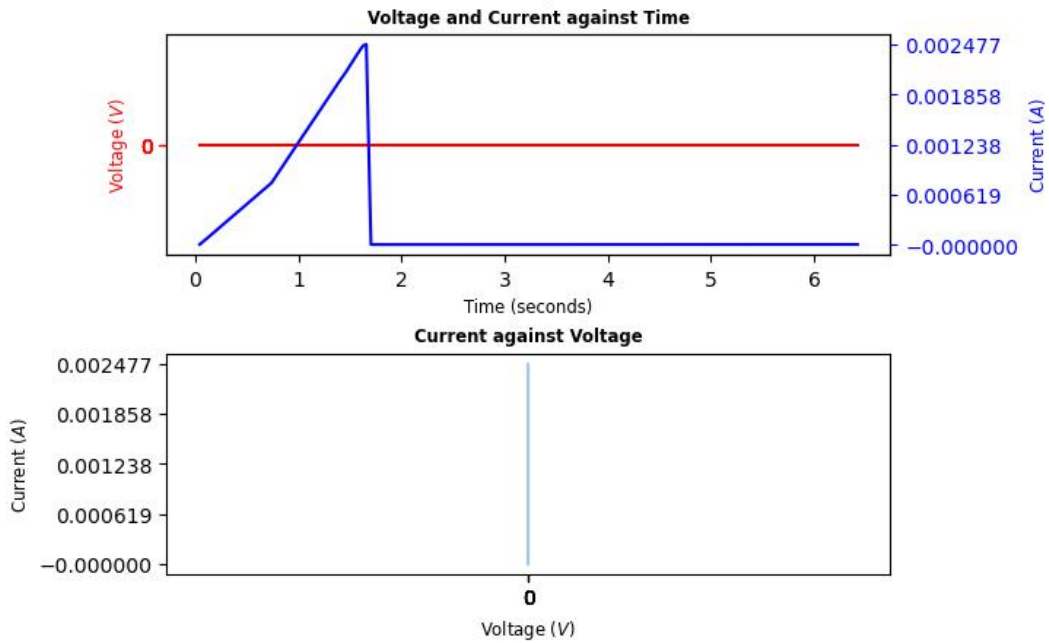Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset nicely

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s
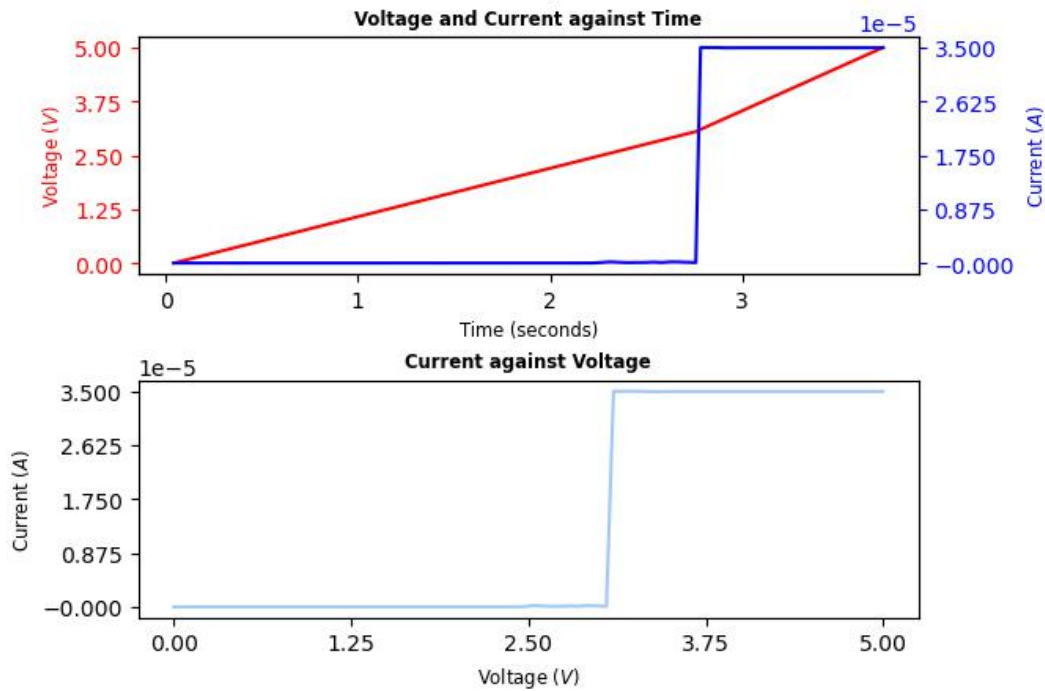
Compliance Current = 35.0uA
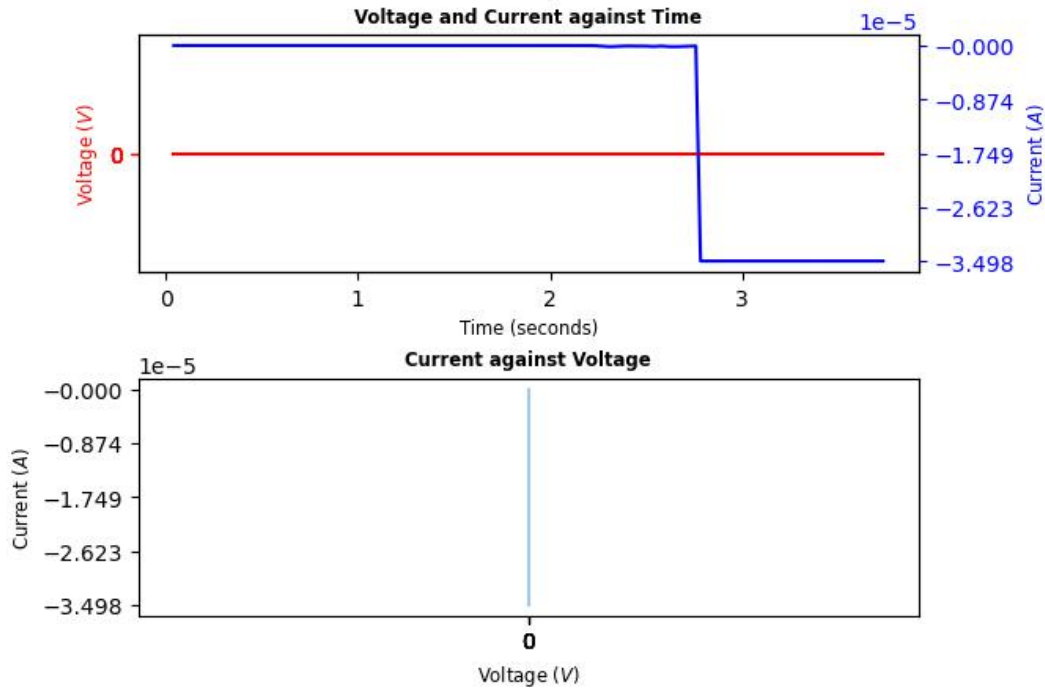
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Setting before moving to neighbor. Still very nice

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

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>

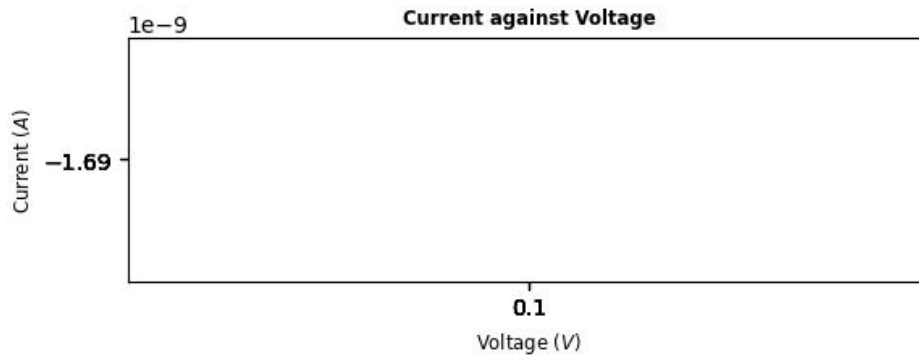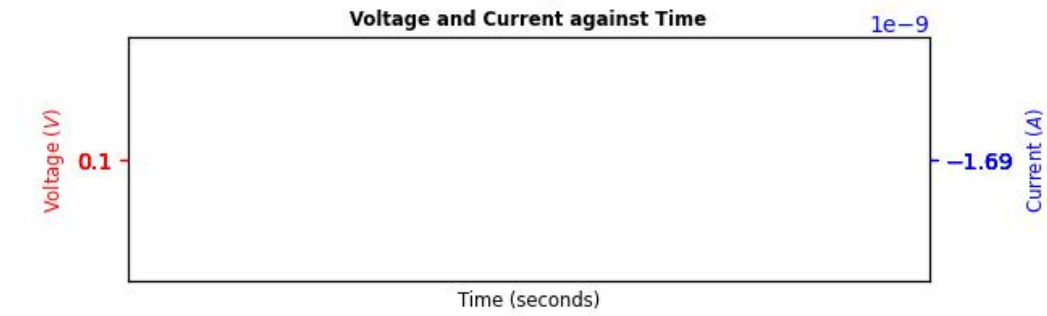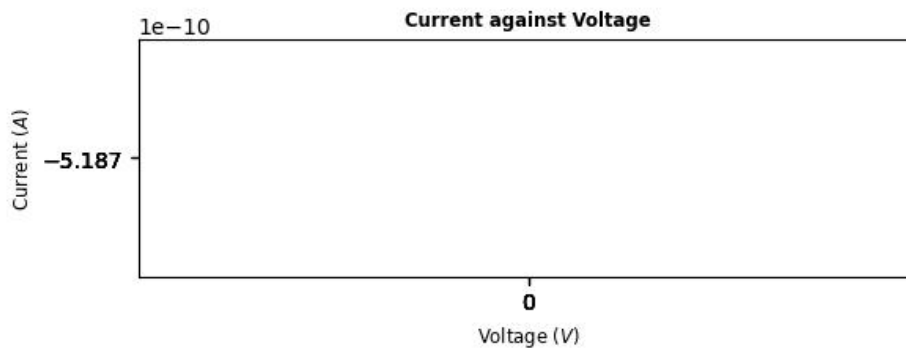Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 35.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V
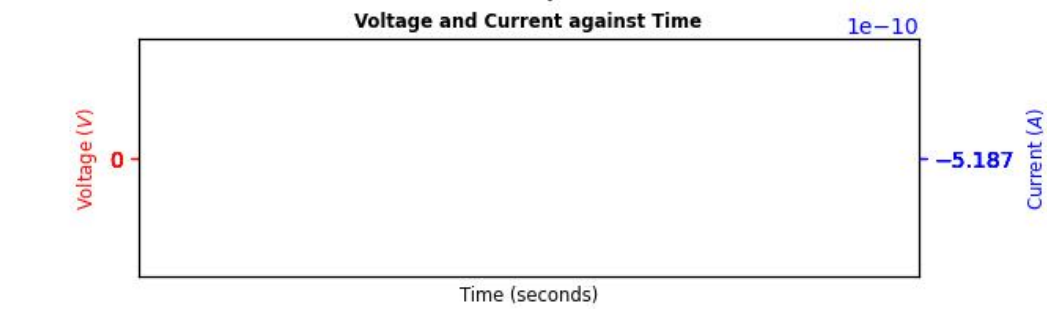
Run Folder Name = <2 probe, so invalid>

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

Probe A plots

Voltage and Current against Time

Voltage (V): 0.1

1e−9
Current (A): −1.69

Time (seconds)

Current against Voltage

1e−9
Current (A): −1.69

0.1
Voltage (V)

Probe B plots

Voltage and Current against Time

Voltage (V): 0

1e−10
Current (A): −5.187

Time (seconds)

Current against Voltage

1e−10
Current (A): −5.187

0
Voltage (V)

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

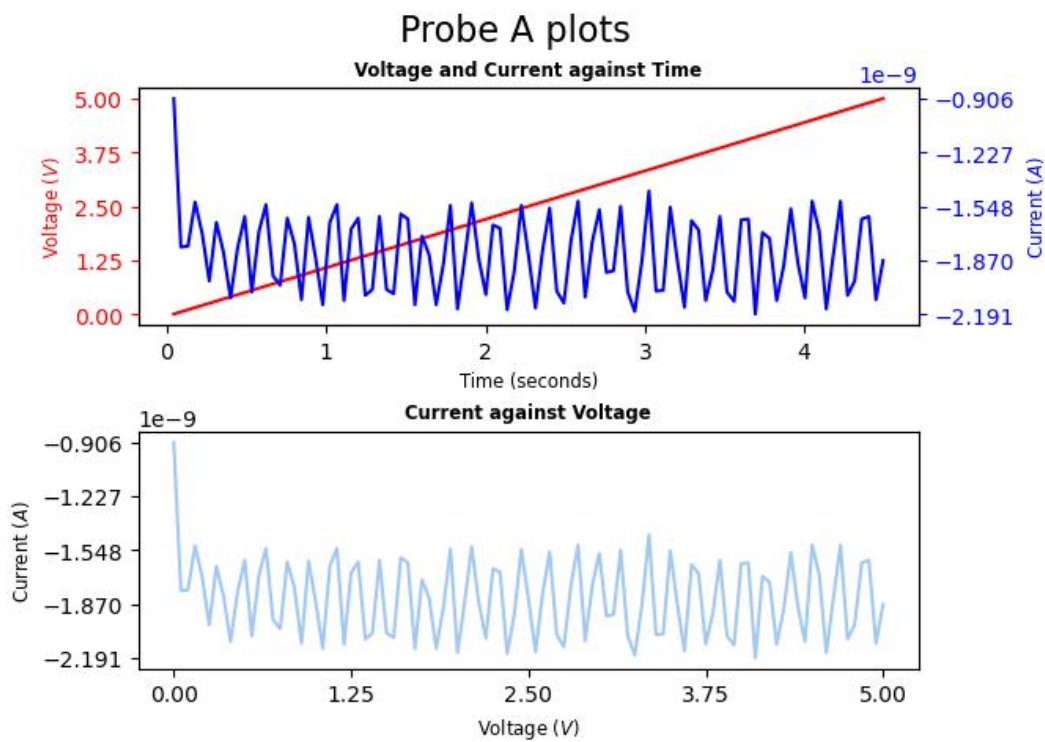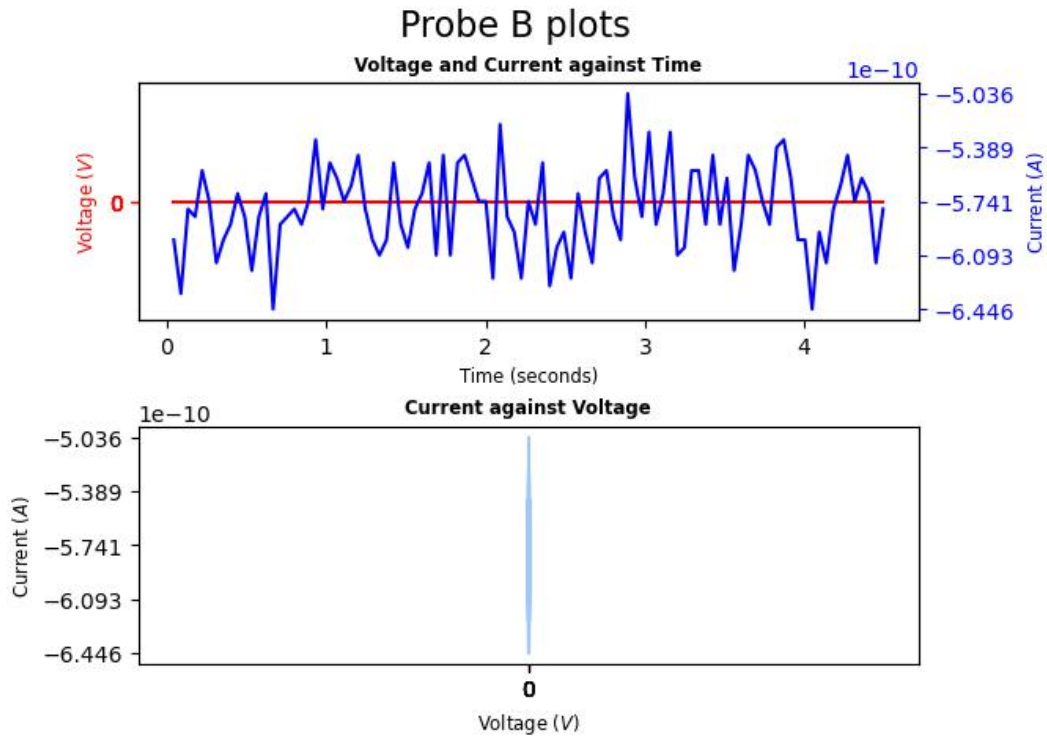Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probes not touching

Probe A plots

Probe B 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>

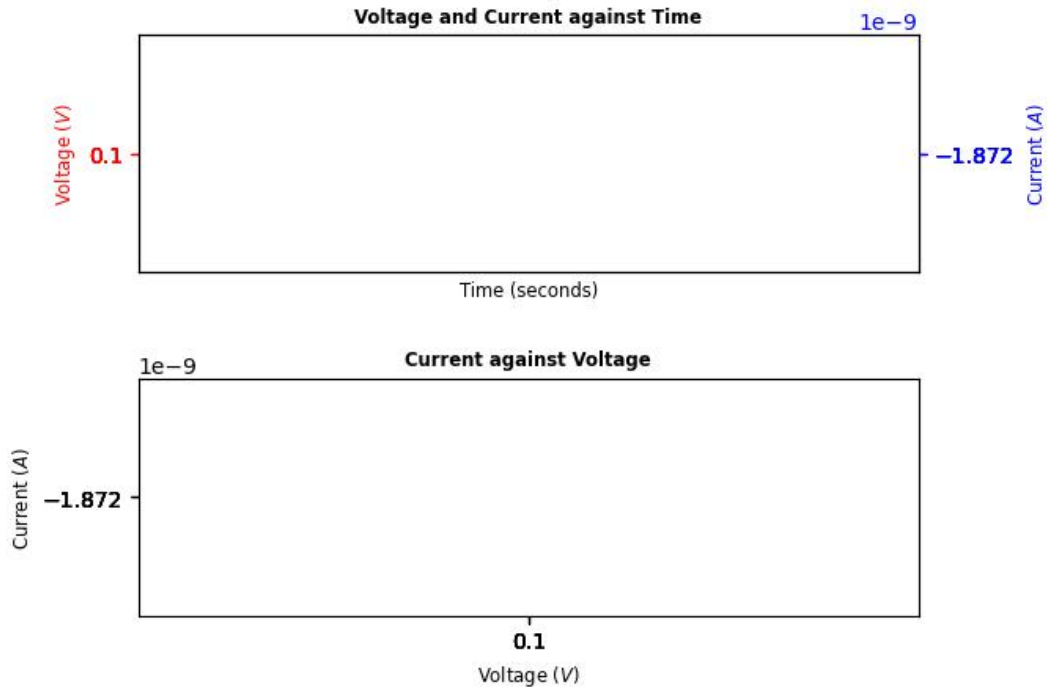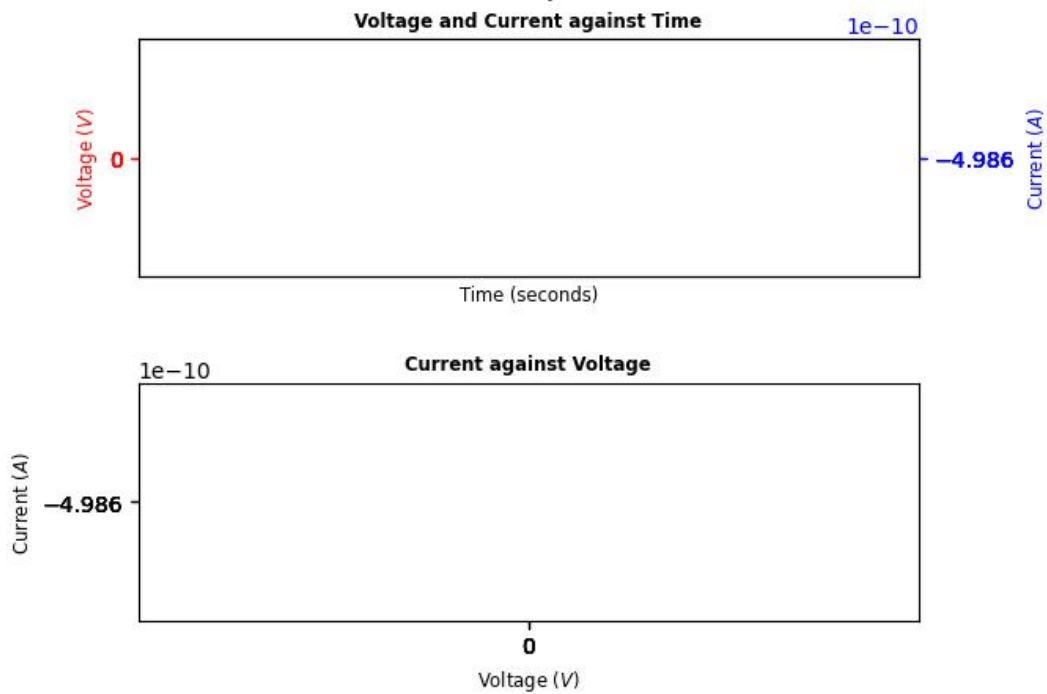Ramp Rate = <2 probe observe activity, so invalid>

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

Voltage and Current against Time

1e−9

Voltage (V) 0.1

Current (A) −1.872

Time (seconds)

Current against Voltage

1e−9

Current (A) −1.872

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−10

Voltage (V) 0

Current (A) −4.986

Time (seconds)

Current against Voltage

1e−10

Current (A) −4.986

0

Voltage (V)

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

Activity = set

Start Voltage = 0V

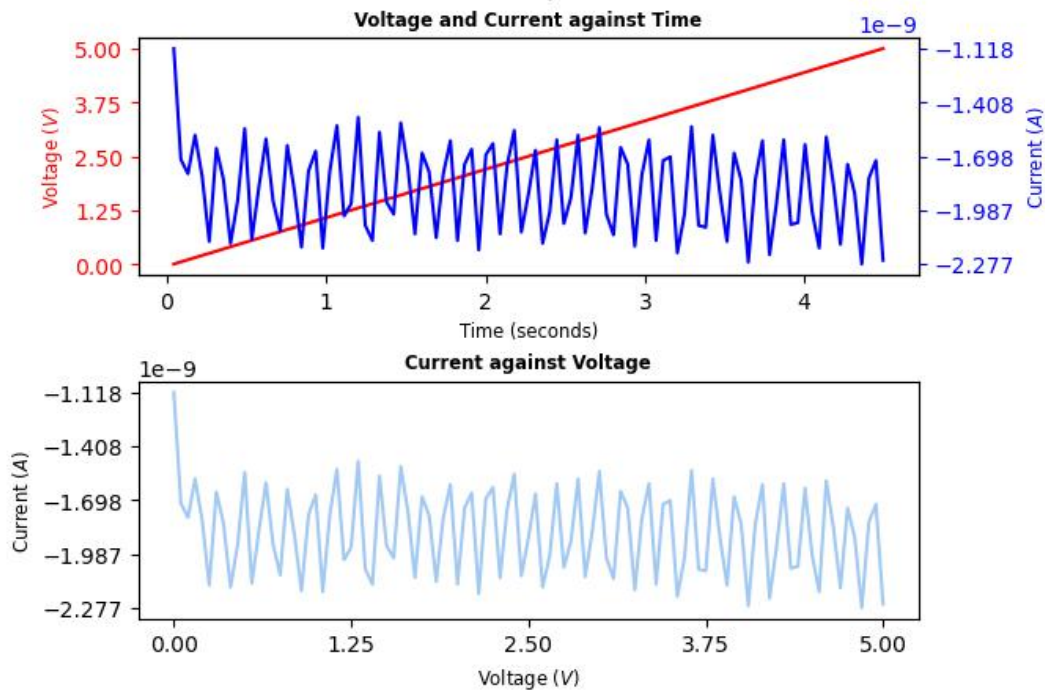End Voltage = 5V

Ramp Rate = 1V/s
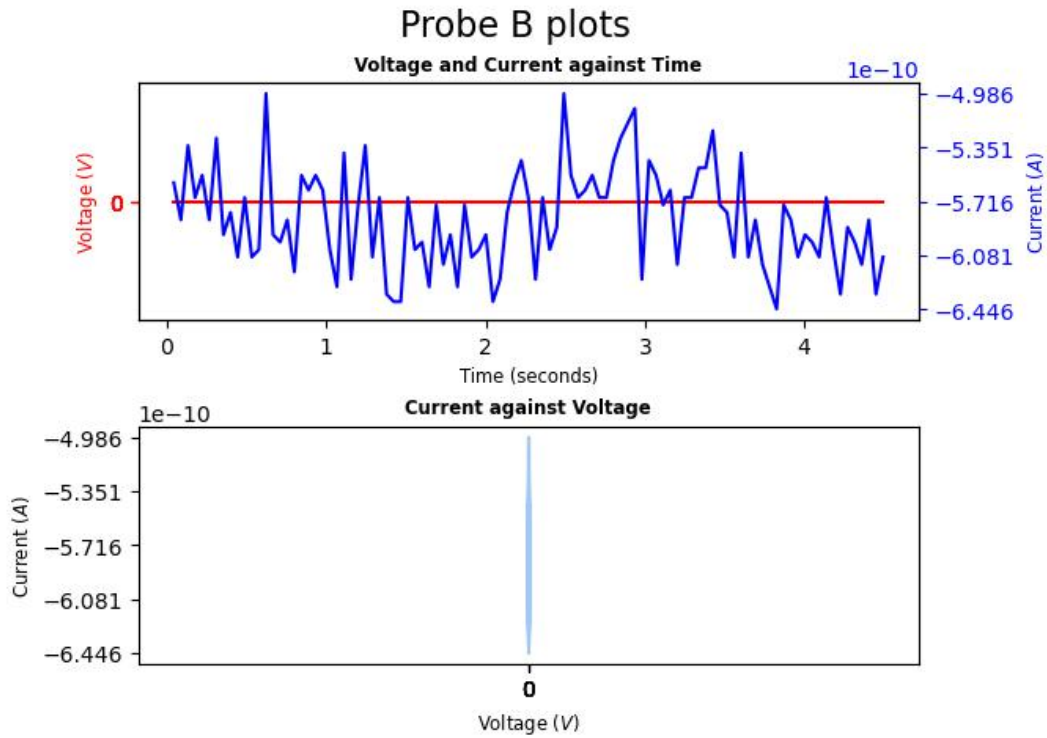
Compliance Current = 35.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probes still not touching

Probe A plots

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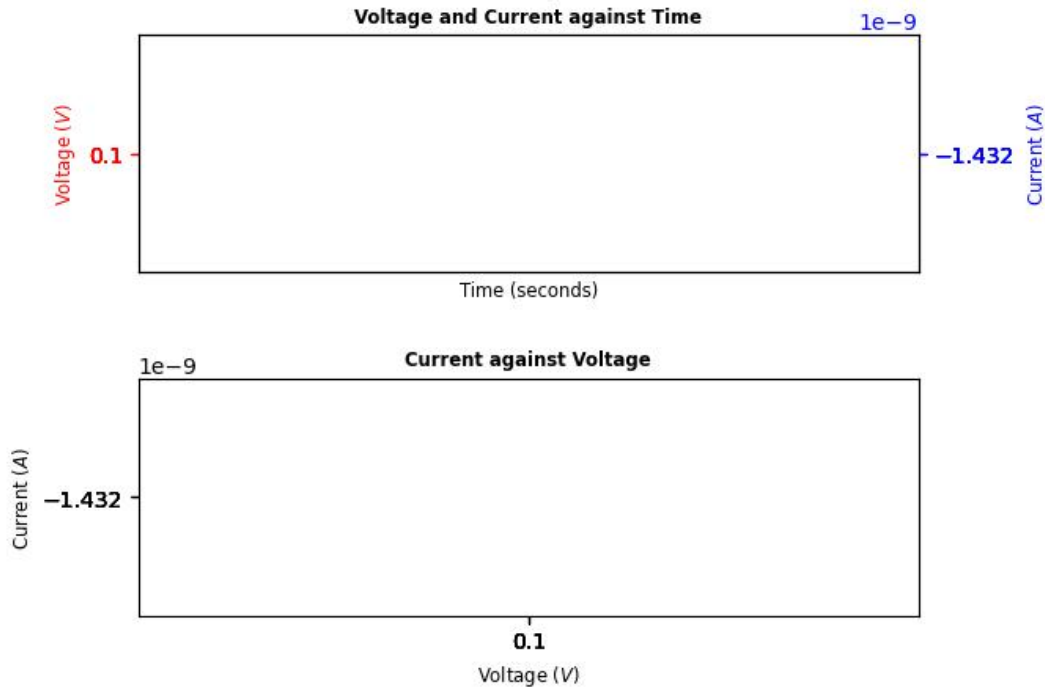
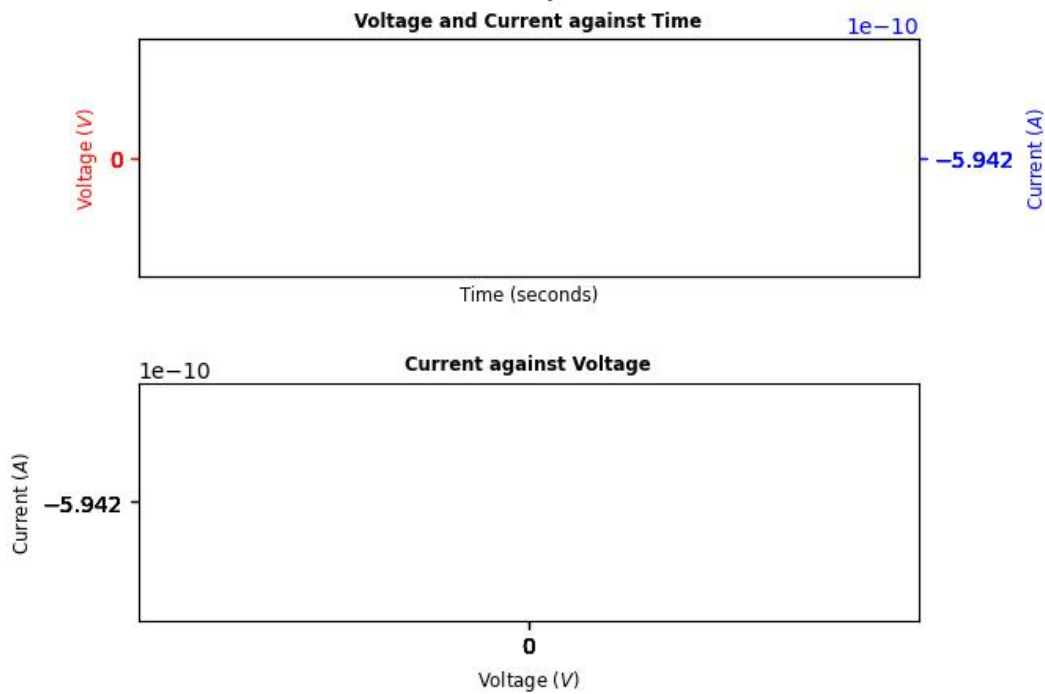Ramp Rate = <2 probe observe activity, so invalid>

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

Voltage and Current against Time

1e−9

Voltage (V) 0.1

Current (A) −1.432

Time (seconds)

Current against Voltage

1e−9

Current (A) −1.432

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−10

Voltage (V) 0

Current (A) −5.942

Time (seconds)

Current against Voltage

1e−10

Current (A) −5.942

0

Voltage (V)

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

Activity = set

Start Voltage = 0V

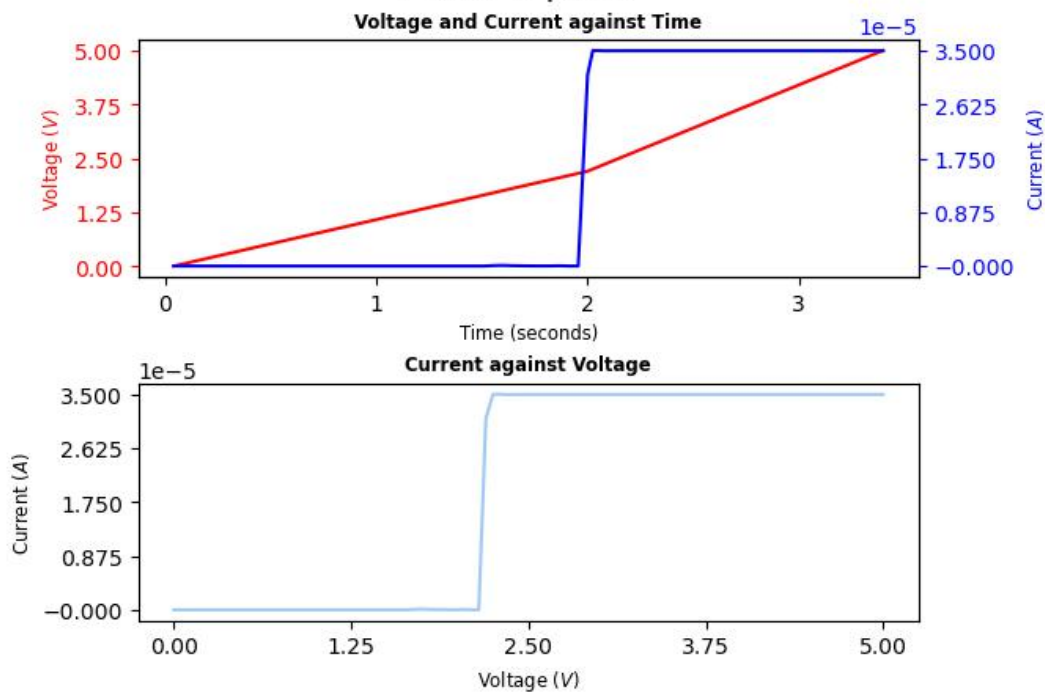End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA
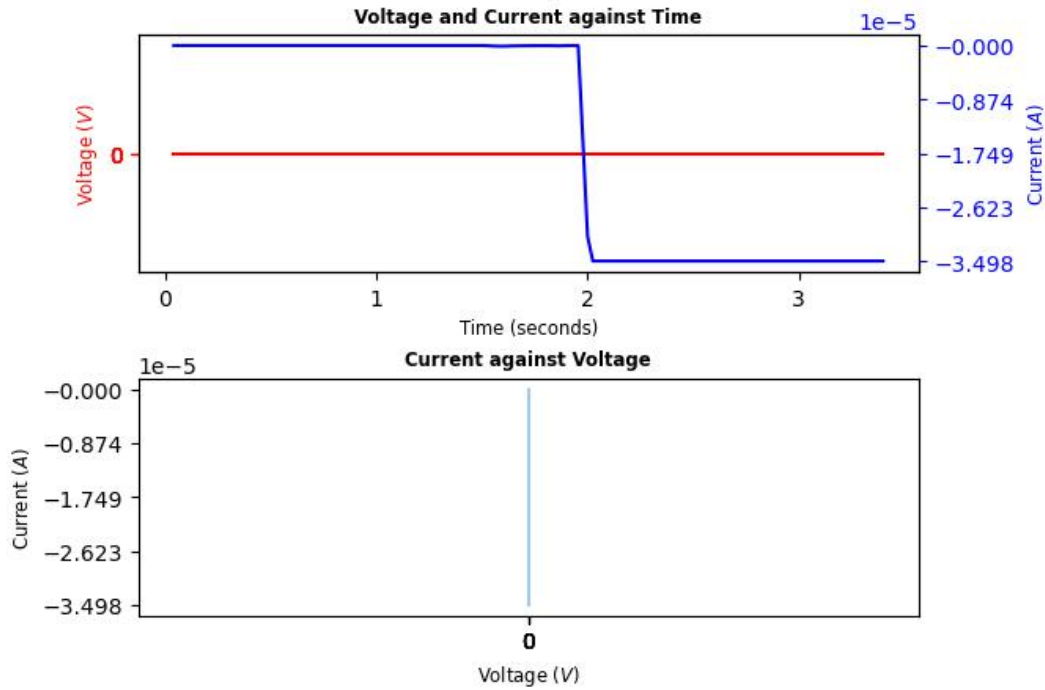
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Cell set, which means that this filament was unset by heat (•■ ω •■)✧

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

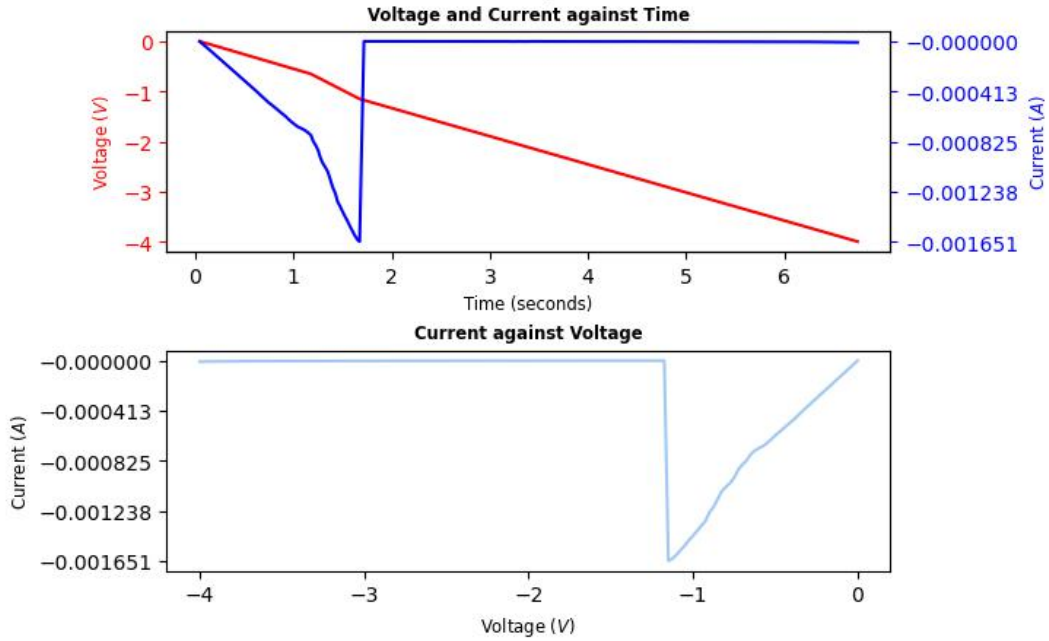End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

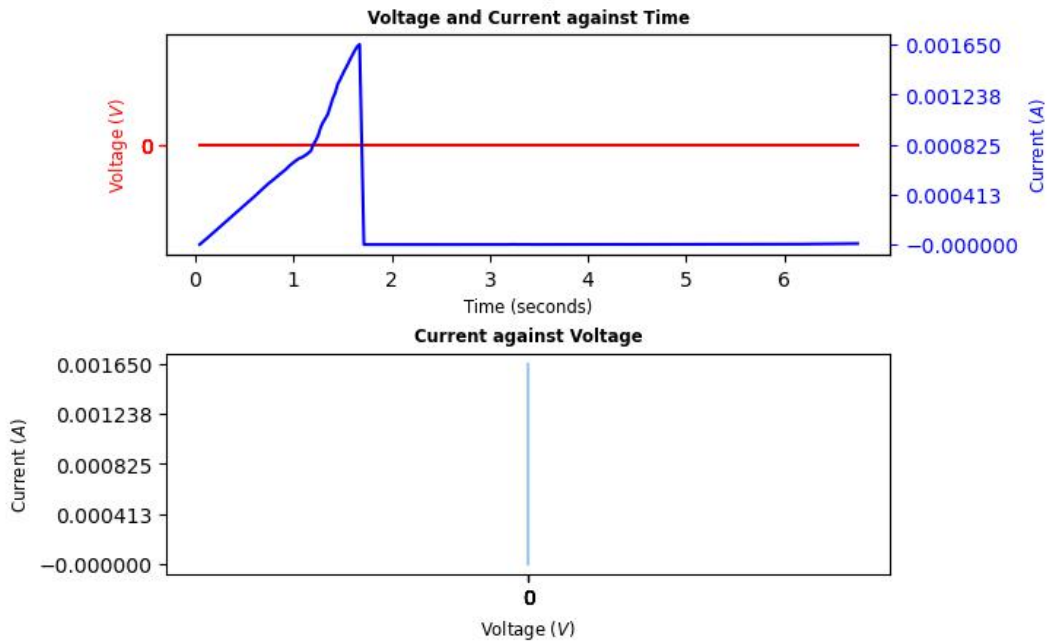Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset somewhat cleanly

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

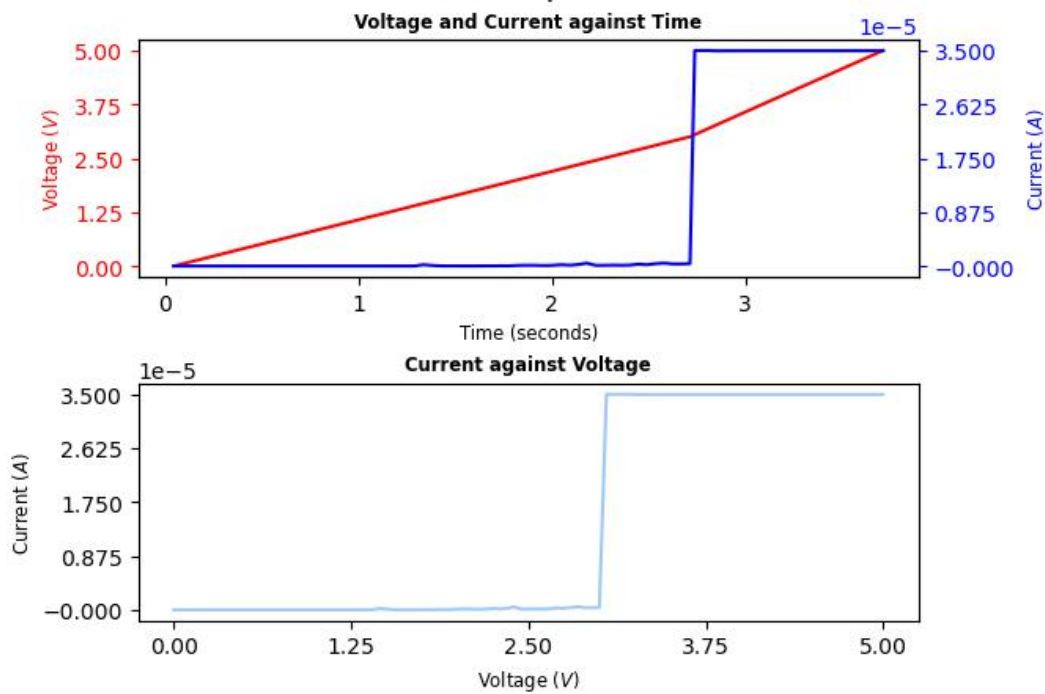End Voltage = 5V

Ramp Rate = 1V/s

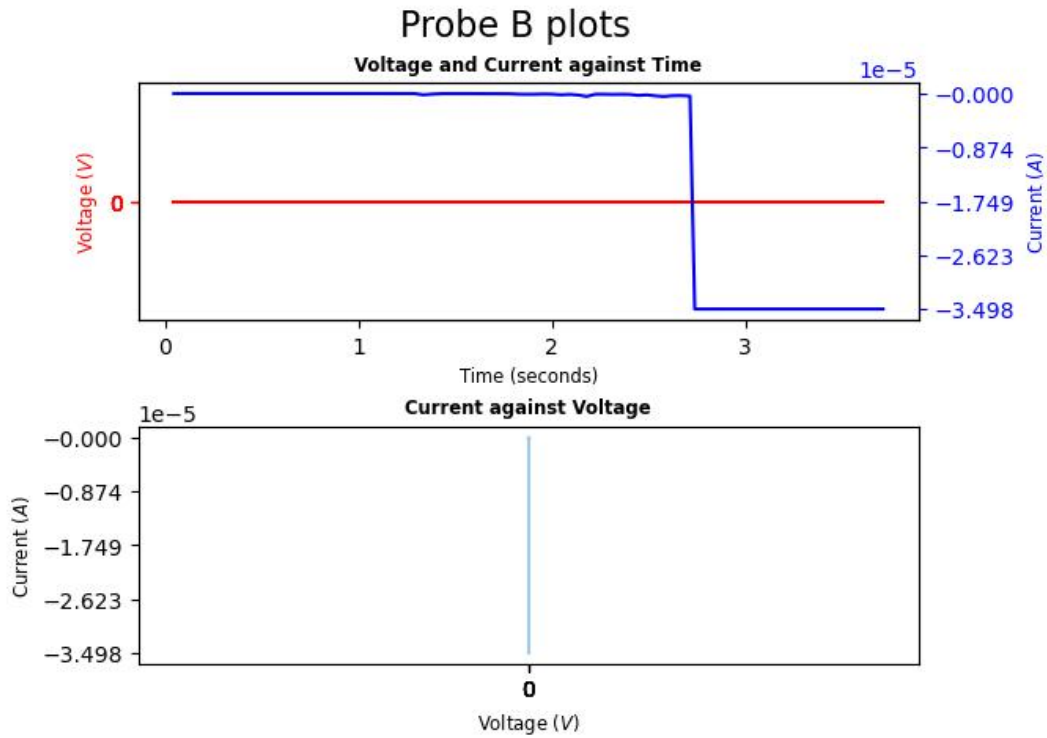Compliance Current = 35.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.05

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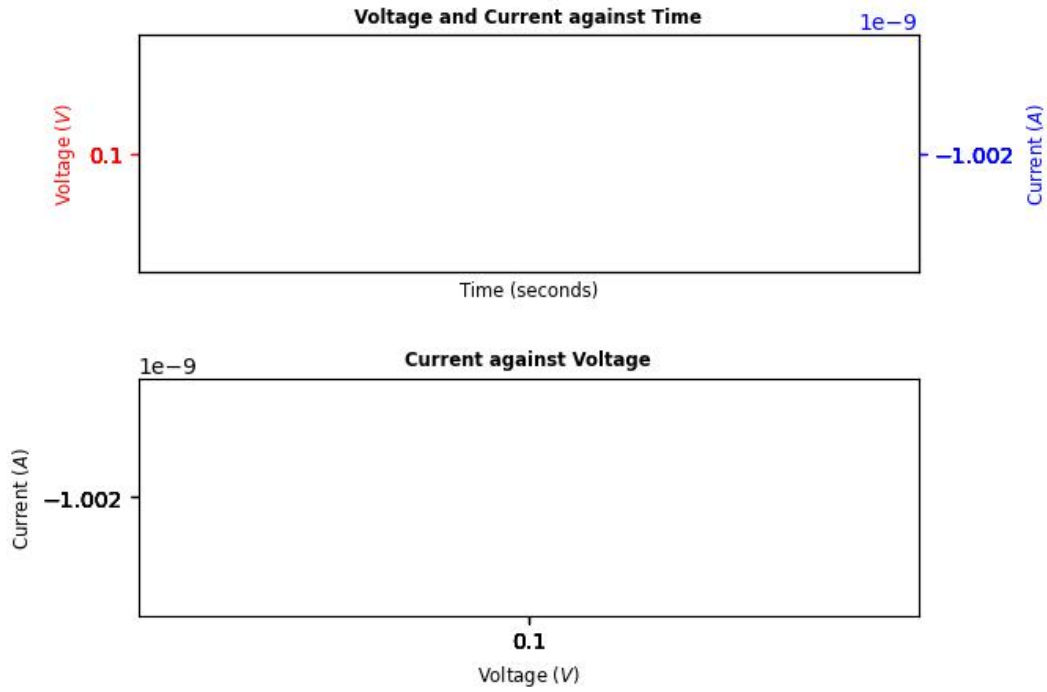
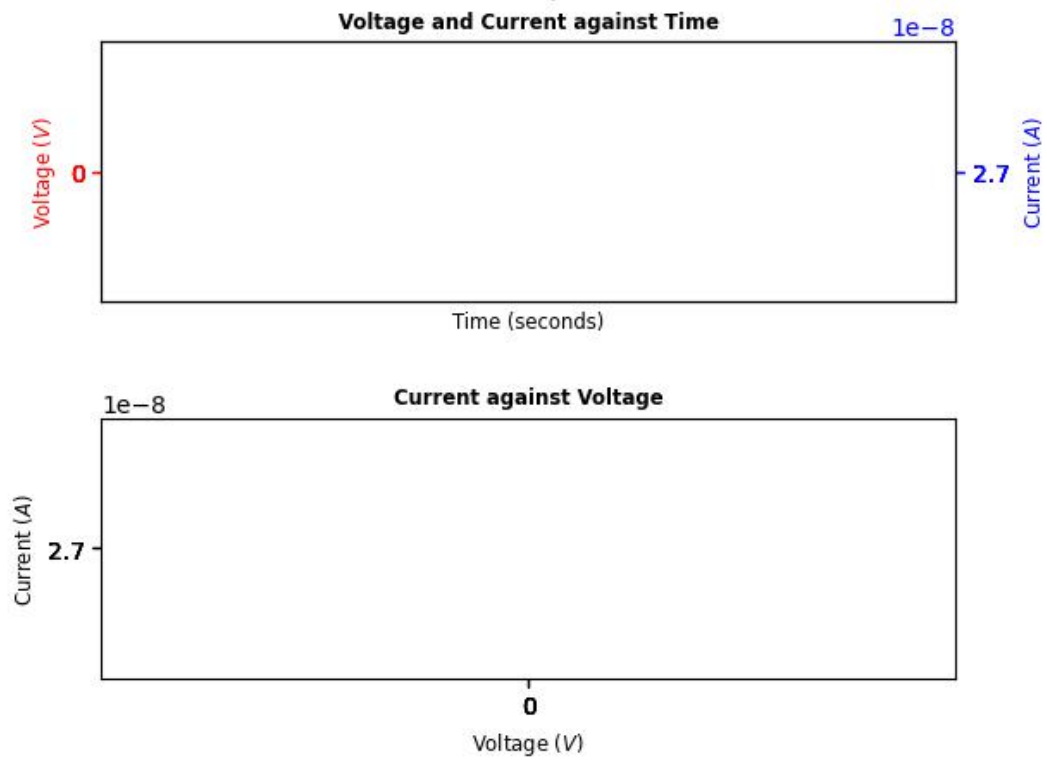Ramp Rate = <2 probe observe activity, so invalid>

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

Voltage and Current against Time

1e−9

Voltage (V) 0.1

Current (A) −1.002

Time (seconds)

Current against Voltage

1e−9

Current (A) −1.002

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−8

Voltage (V) 0

Current (A) 2.7

Time (seconds)

Current against Voltage

1e−8

Current (A) 2.7

0

Voltage (V)

Stimulated at 03:09:49PM on 2022/April/05

Activity = set

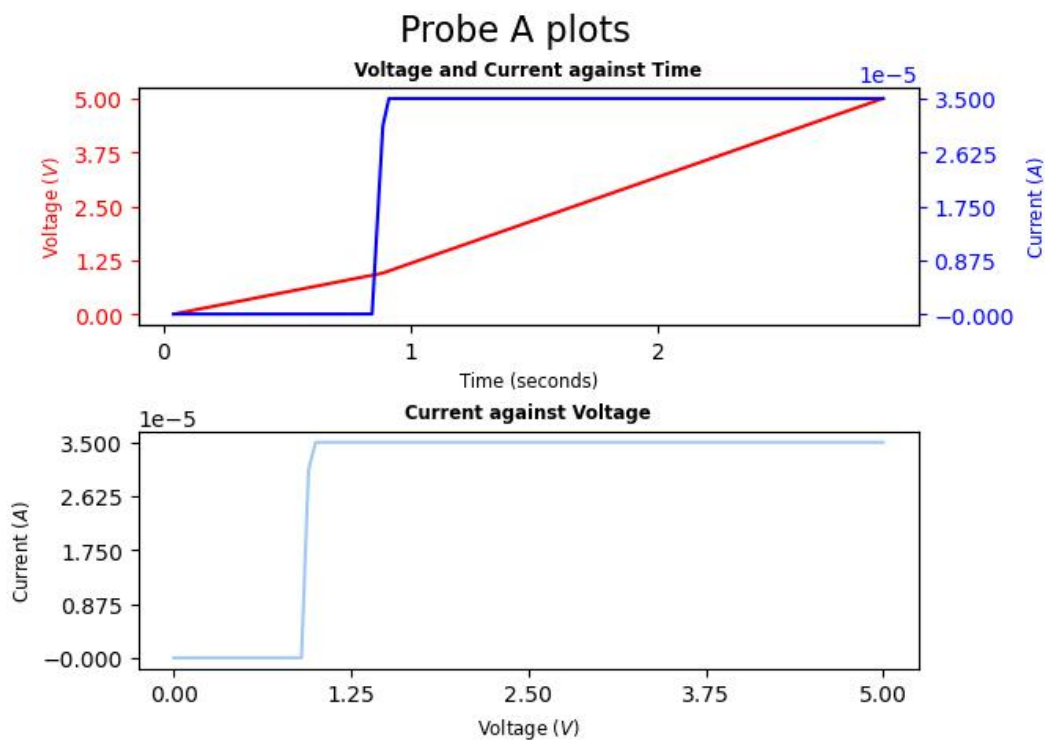Start Voltage = 0V

End Voltage = 5V

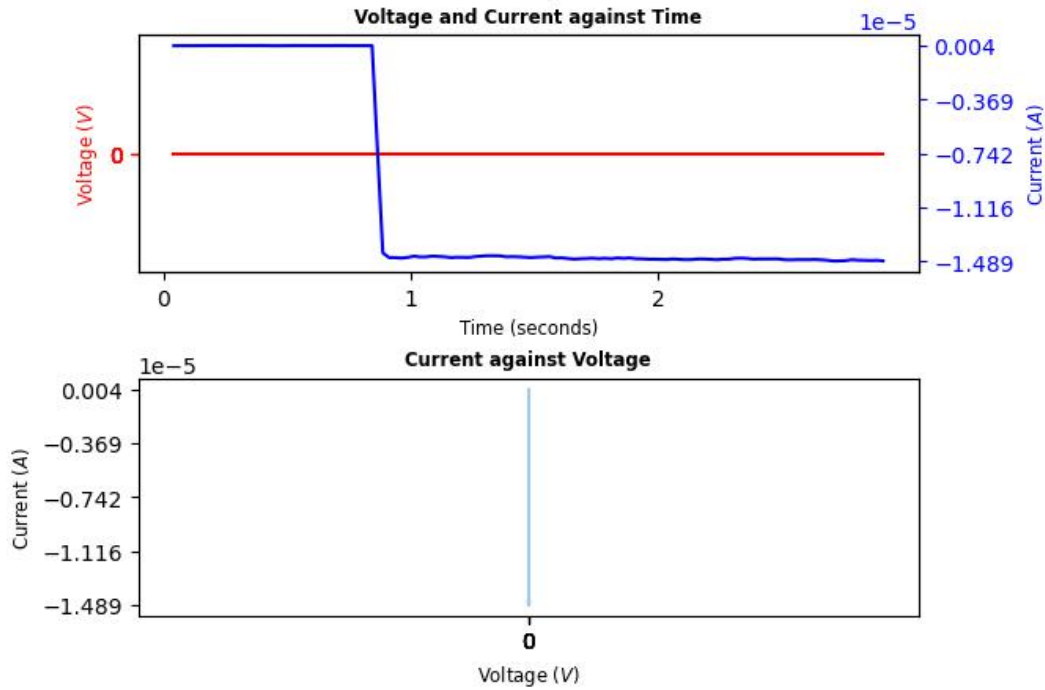Ramp Rate = 1V/s

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

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

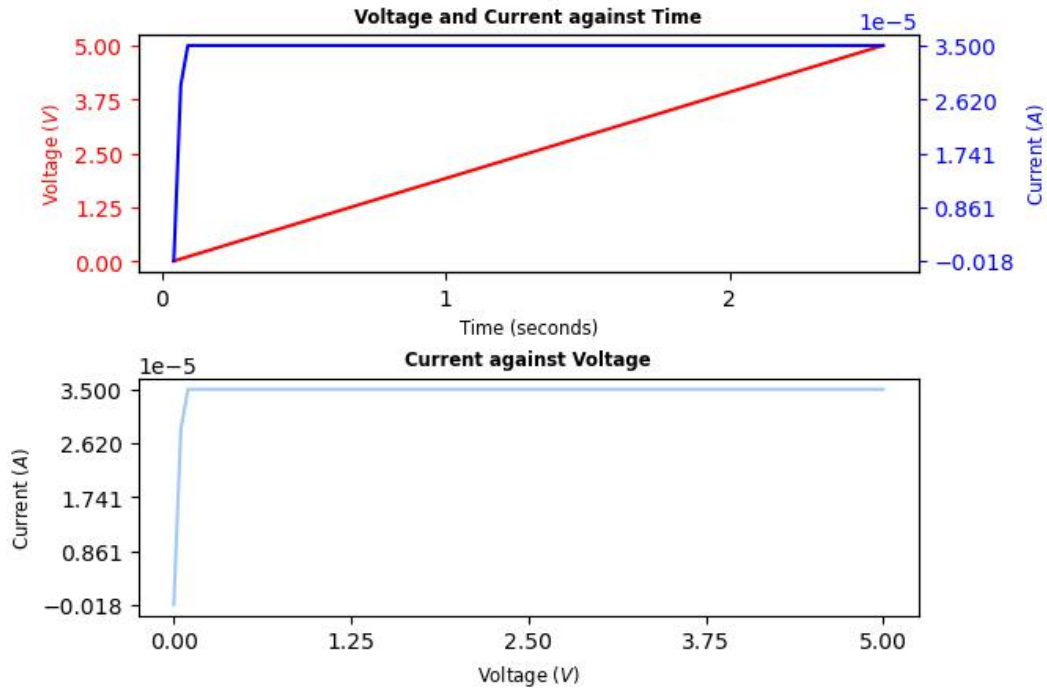End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

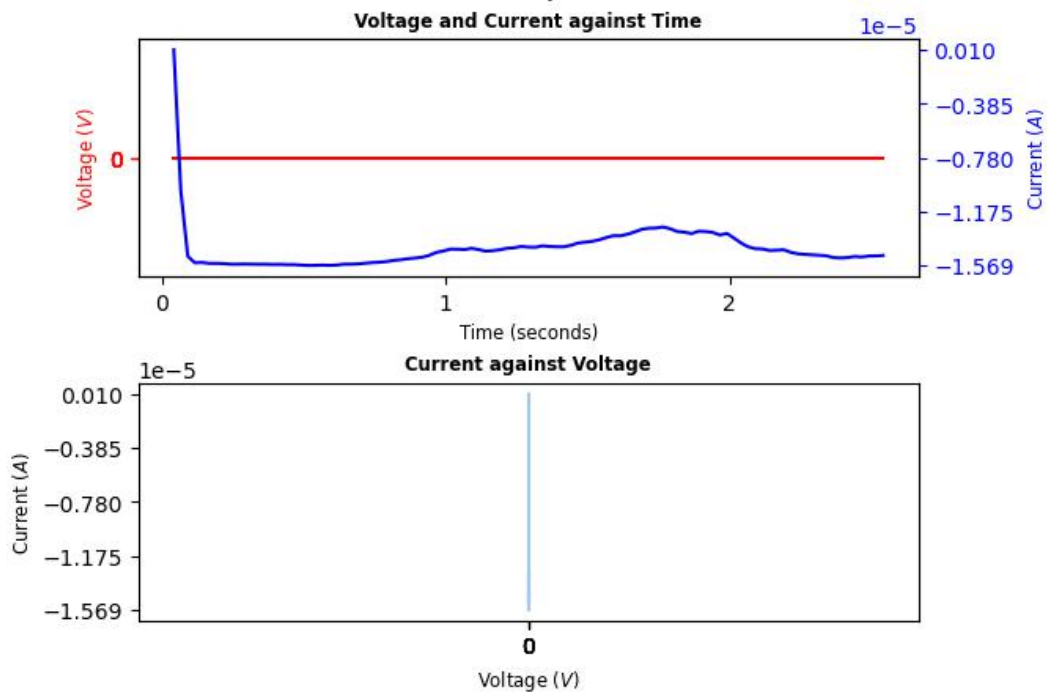Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Accident

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset
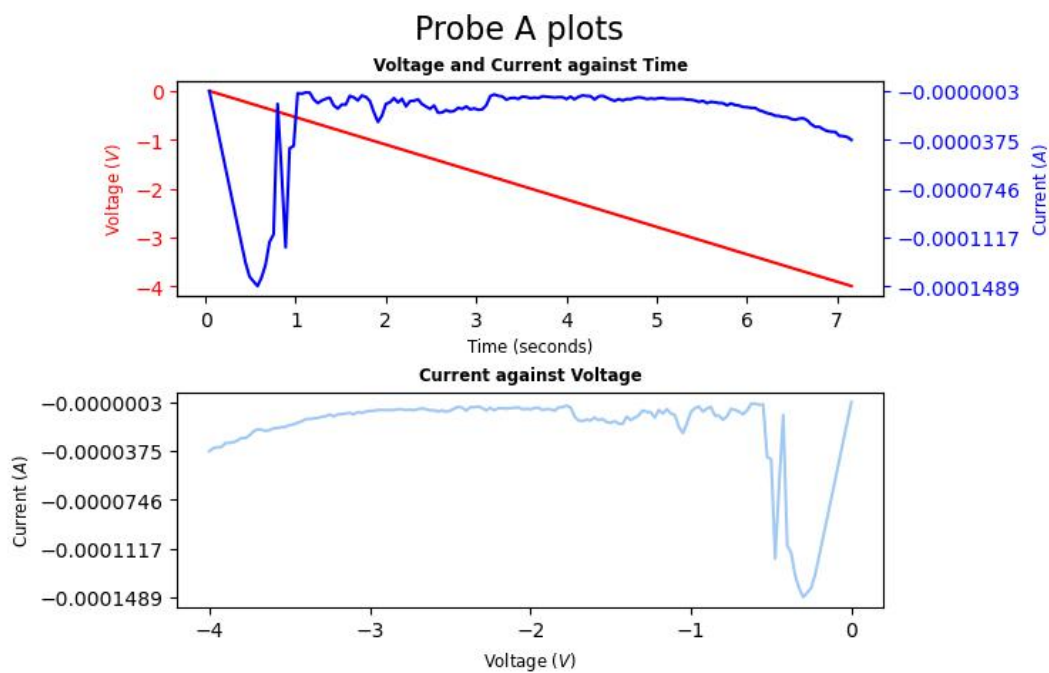
Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

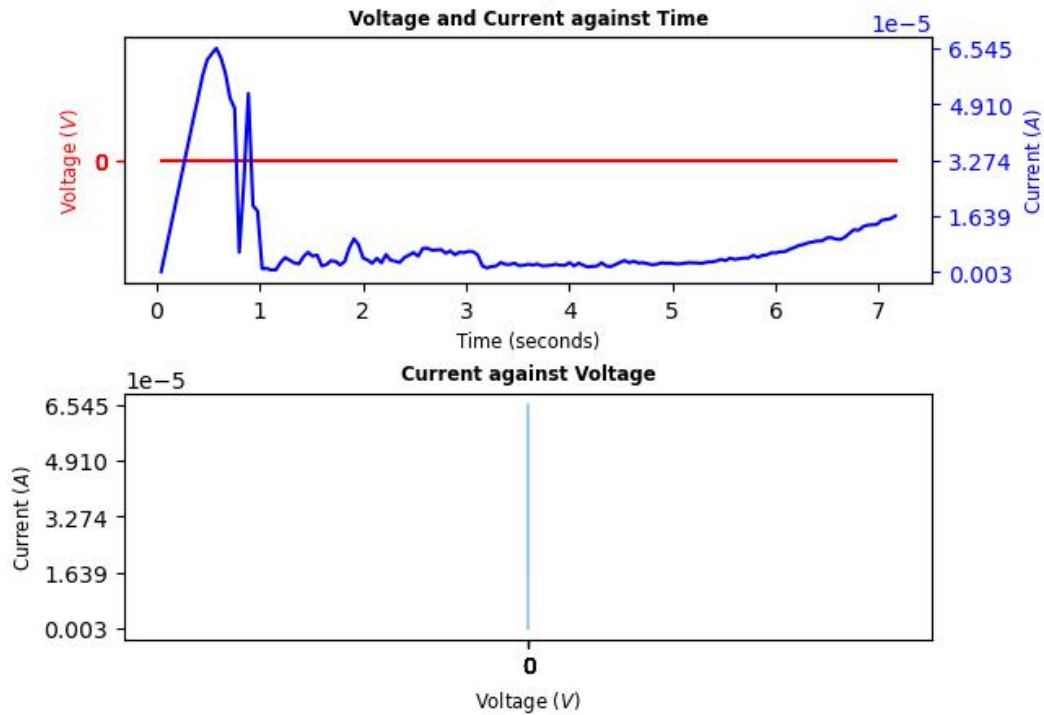Compliance Current = 8.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Whack

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

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
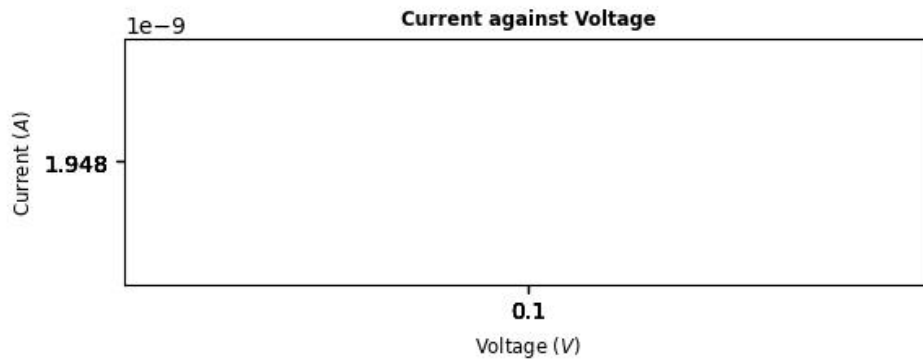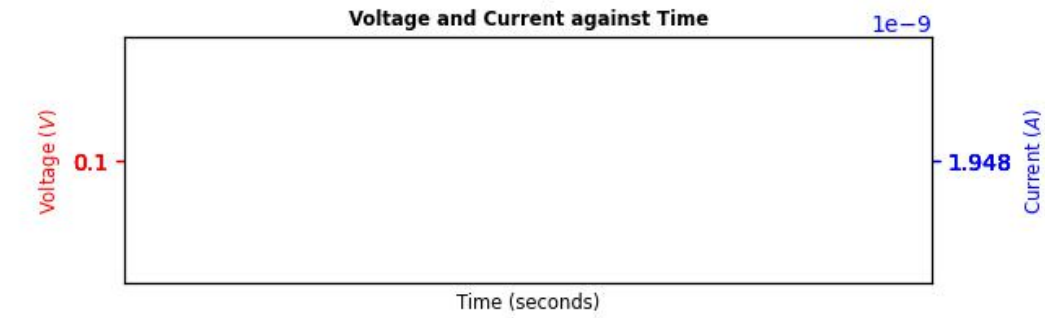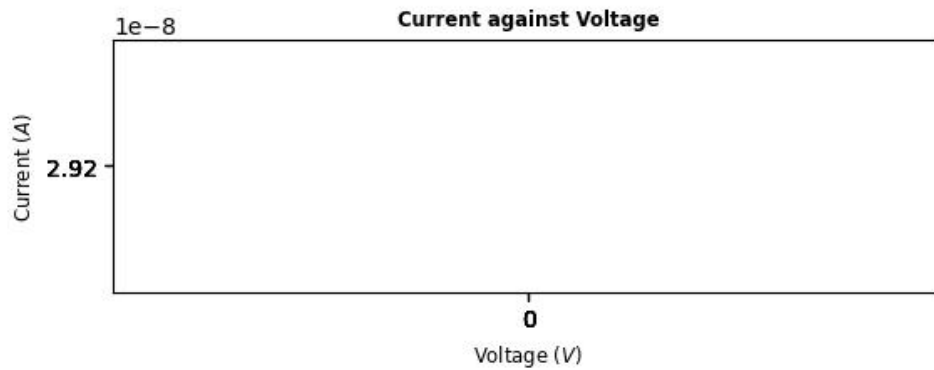
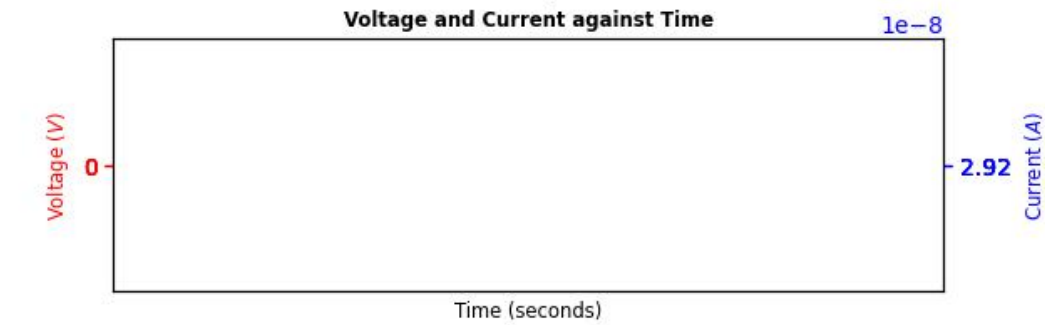Platinum Voltage = 0V

Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Not conductive State: Reset*

Probe A plots

Voltage and Current against Time

1e−9

Voltage (V)

0.1 —

Current (A)

— 1.948

Time (seconds)

Current against Voltage

1e−9

Current (A)

1.948 —

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−8

Voltage (V)

0 —

Current (A)

— 2.92

Time (seconds)

Current against Voltage

1e−8

Current (A)

2.92 —

0

Voltage (V)

Stimulated at 03:12:10PM on 2022/April/05

Activity = set

Start Voltage = 0V

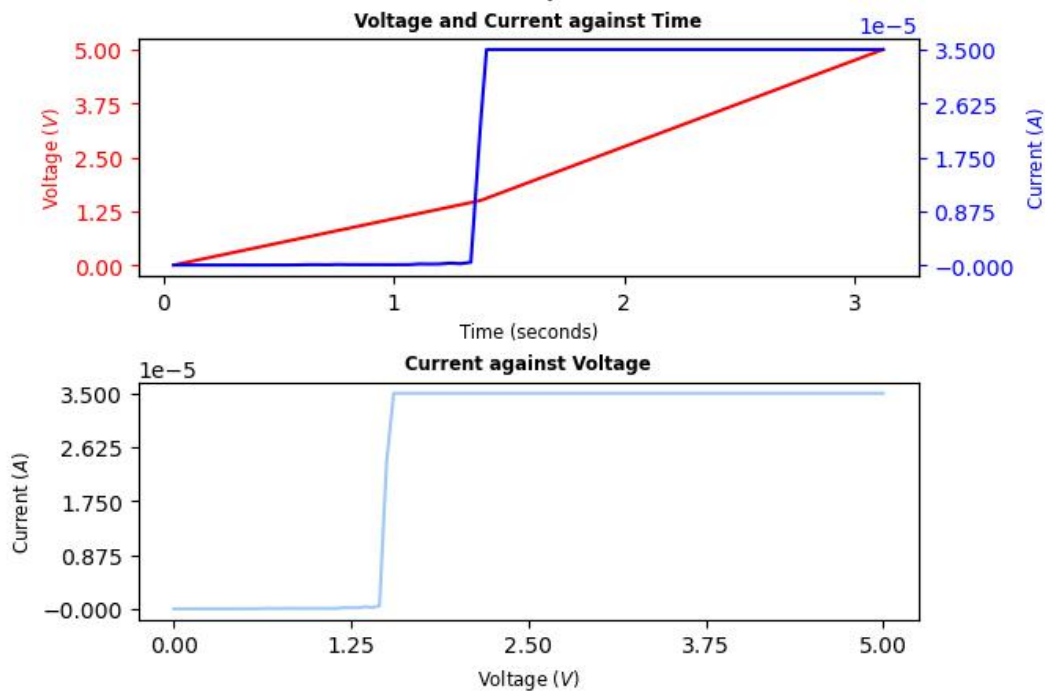End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

Platinum Voltage =

Copper Voltage =

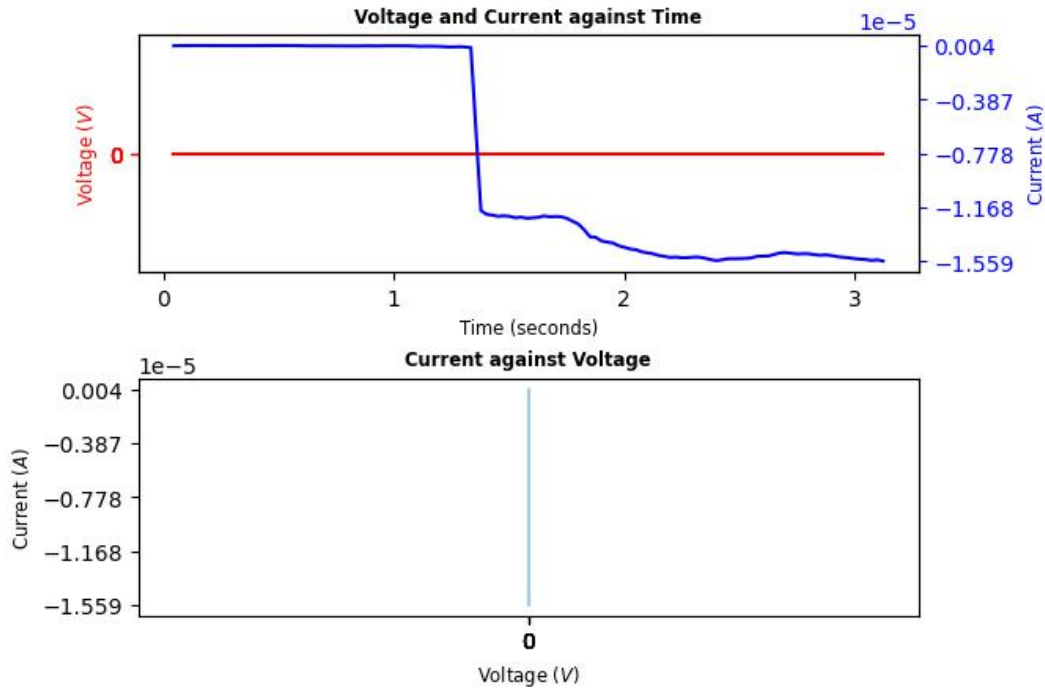Run Folder Name = <2 probe, so invalid>

Comments = Set at low voltage of 1.55

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

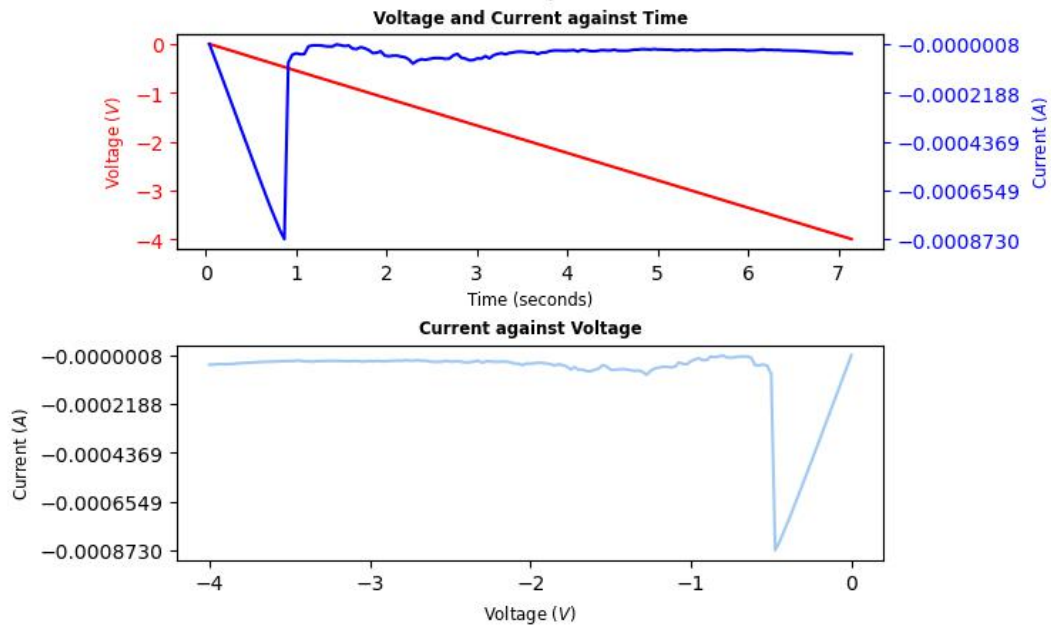End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

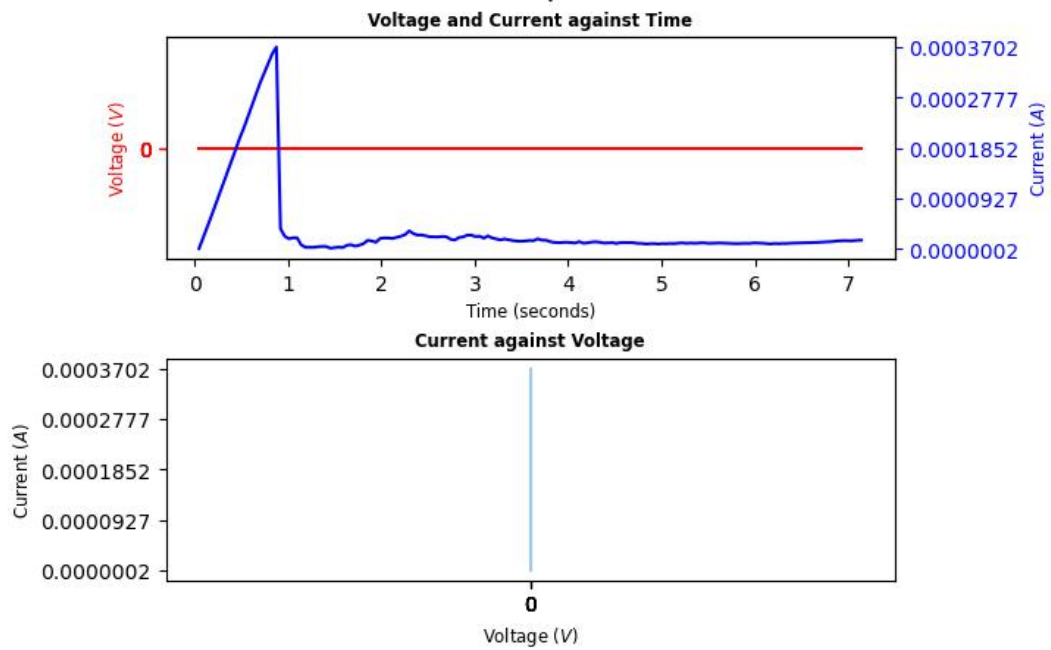Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = More normal

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

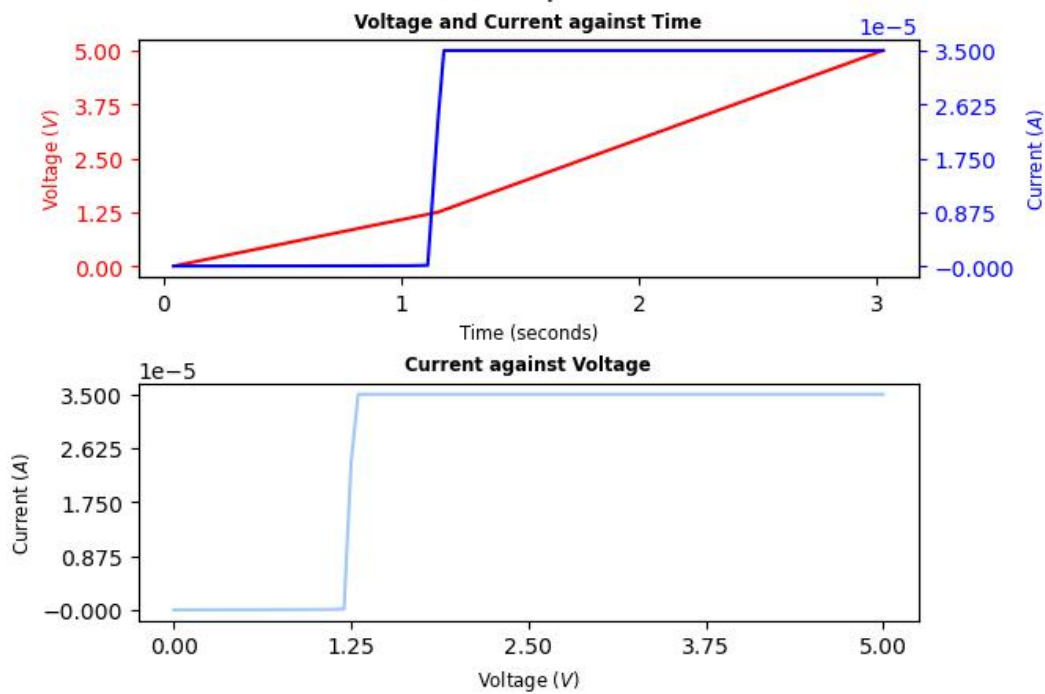End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

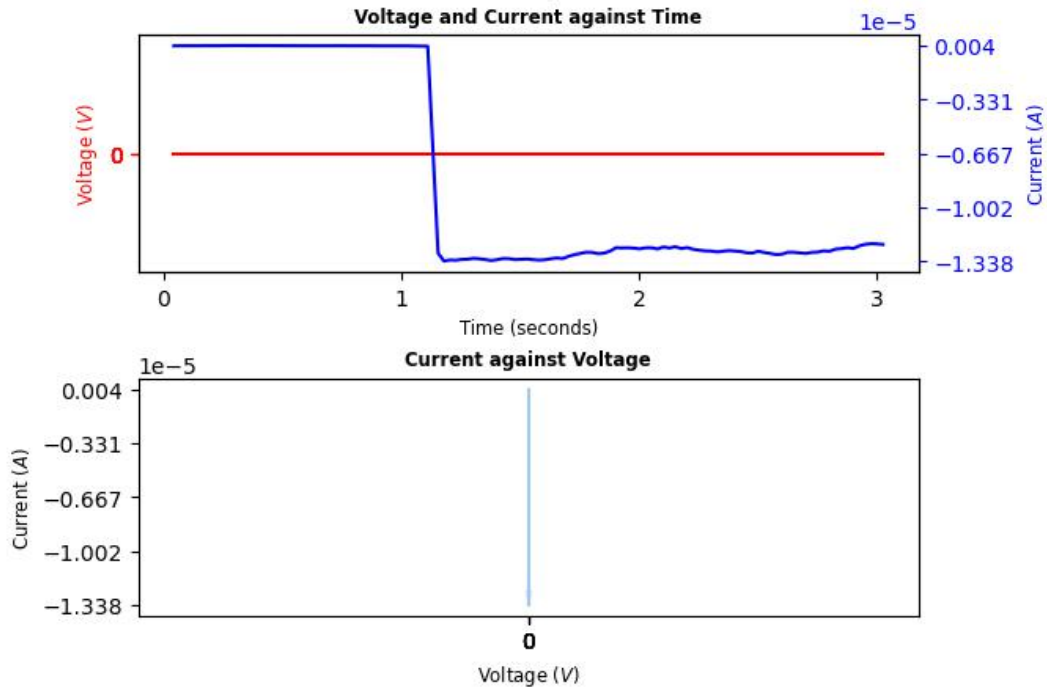Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at low voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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>

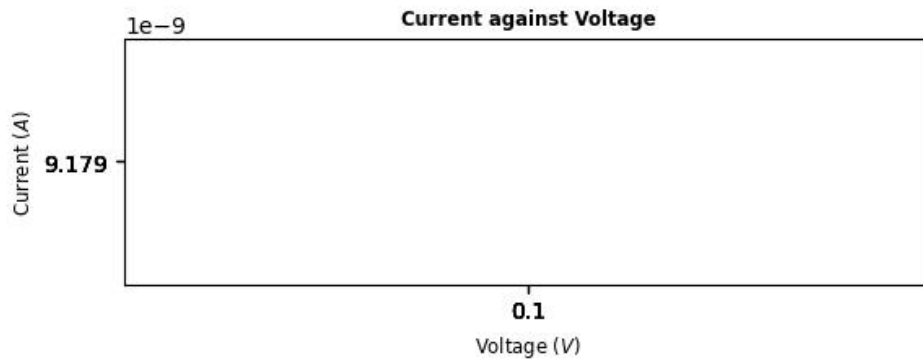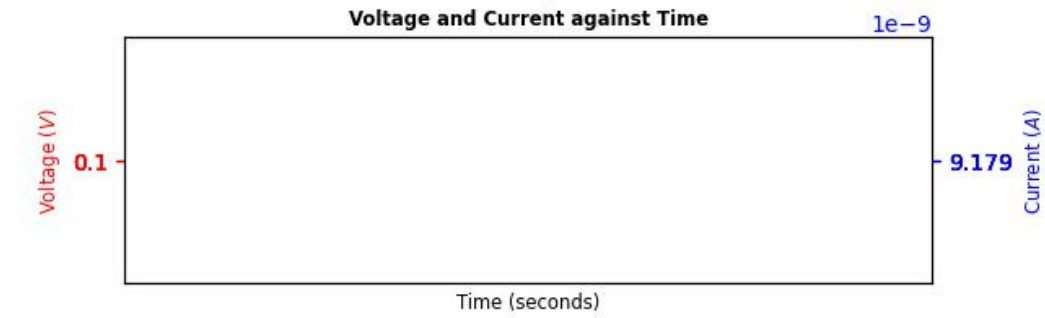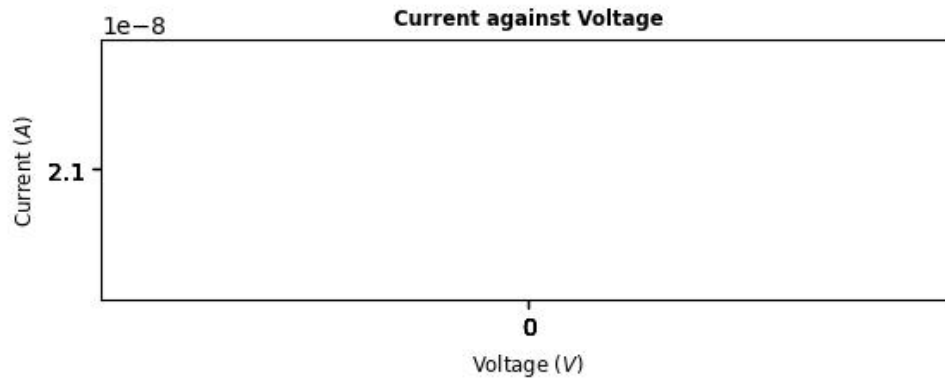Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 40.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V
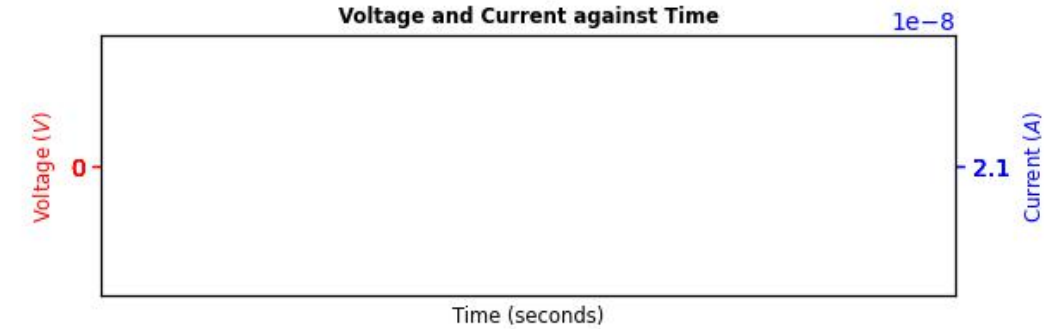
Run Folder Name = <2 probe, so invalid>

Comments = Reset State: Reset*

Probe A plots

Voltage and Current against Time

1e−9

Voltage (V)   0.1

9.179   Current (A)

Time (seconds)

Current against Voltage

1e−9

Current (A)   9.179

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−8

Voltage (V)   0

2.1   Current (A)

Time (seconds)

Current against Voltage

1e−8

Current (A)   2.1

0

Voltage (V)

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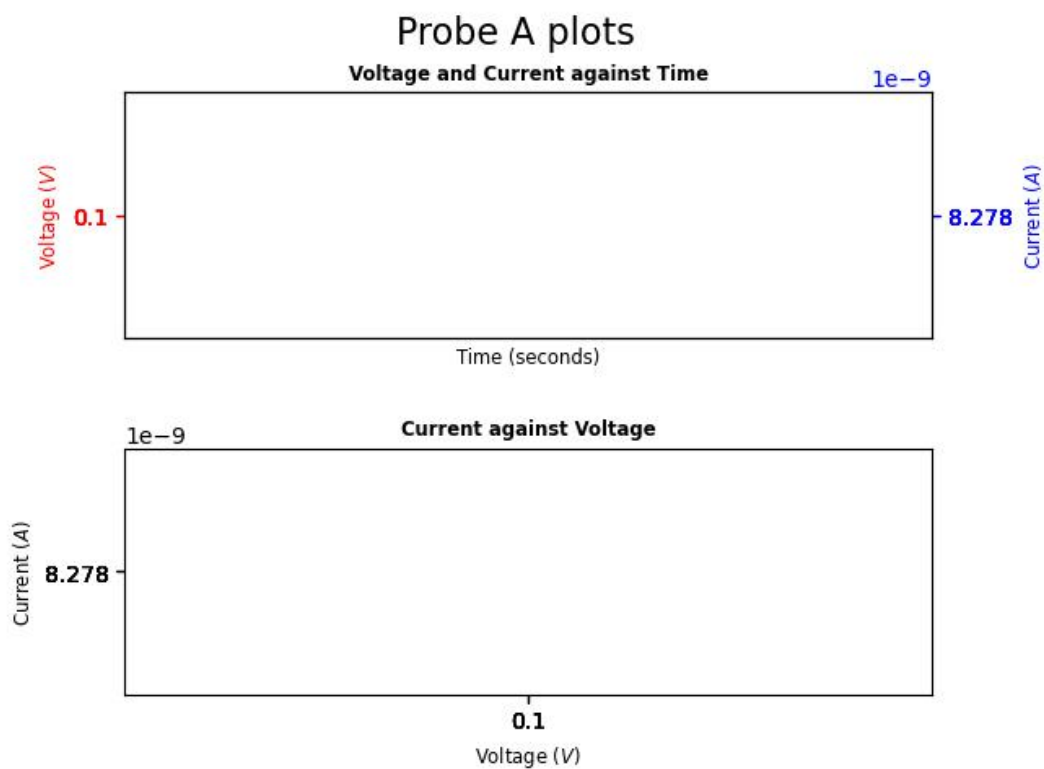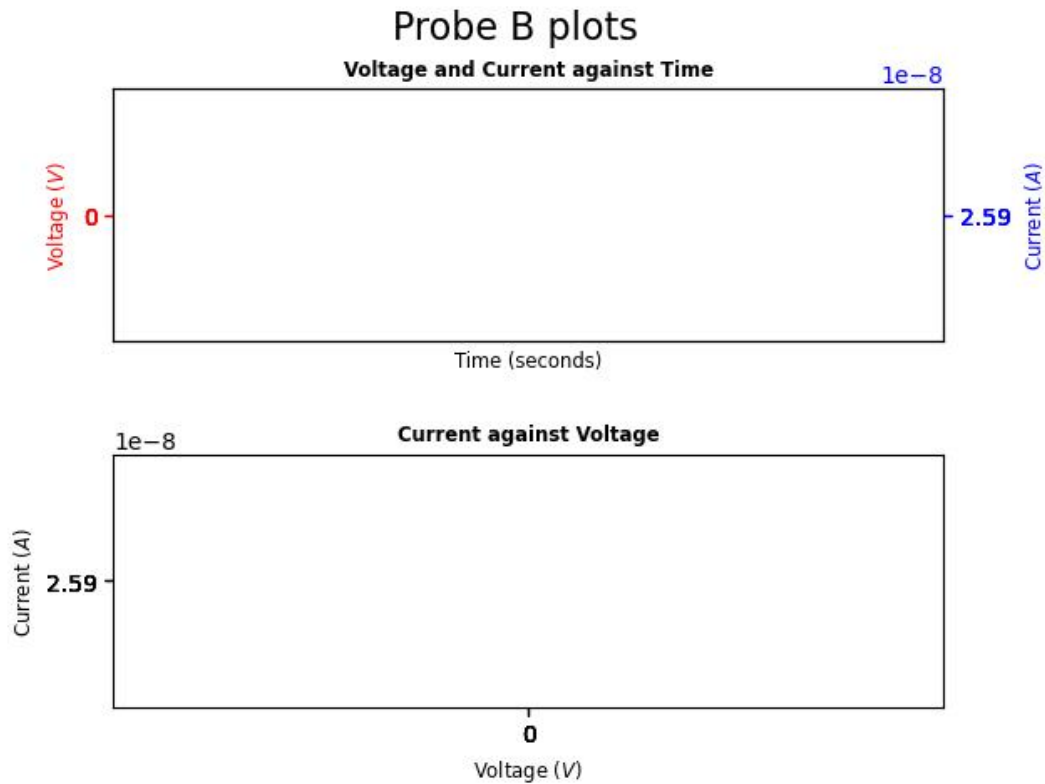
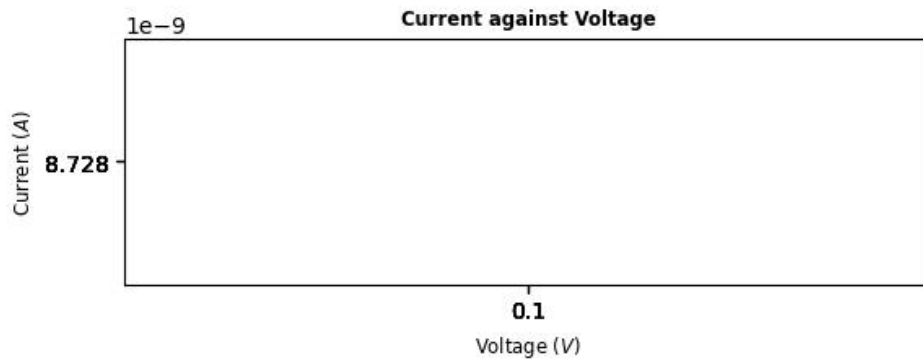Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 40.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Not set State: Reset*

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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>

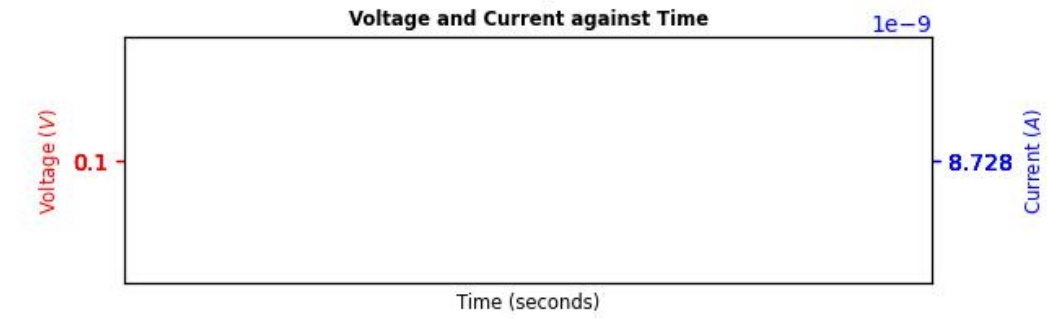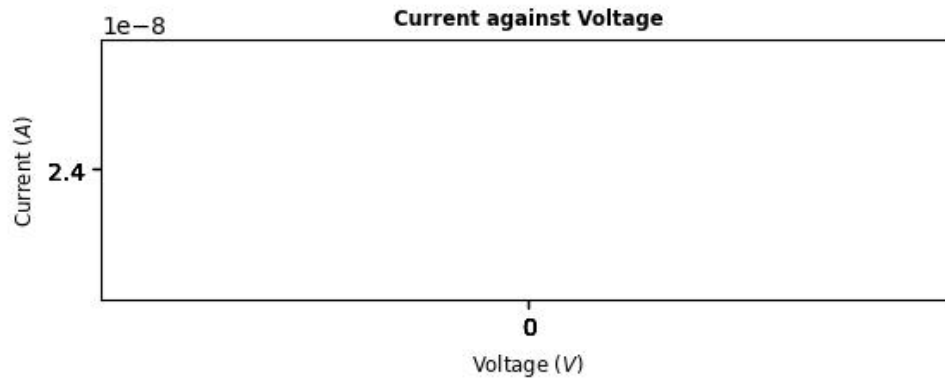Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 40.0uA

Platinum Voltage = 0V
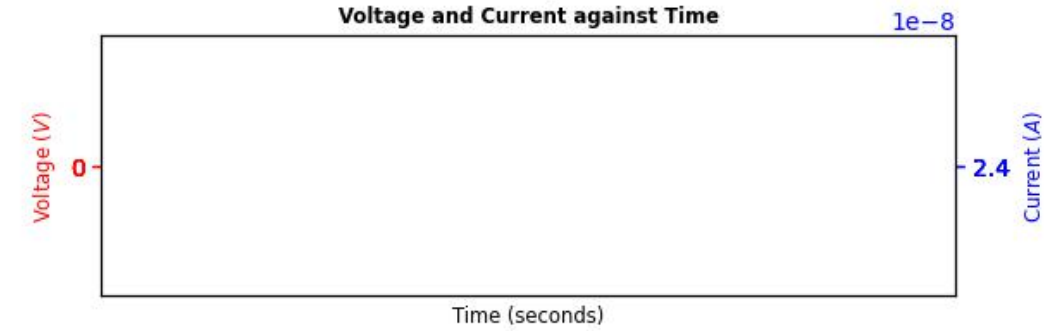
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Not set State: Reset*

Probe A plots

Voltage and Current against Time

Voltage (V)

0.1 —

1e−9

— 8.728

Current (A)

Time (seconds)

Current against Voltage

1e−9

Current (A)

8.728 —

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

Voltage (V)

0 —

1e−8

— 2.4

Current (A)

Time (seconds)

Current against Voltage

1e−8

Current (A)

2.4 —

0

Voltage (V)

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

Activity = set

Start Voltage = 0V

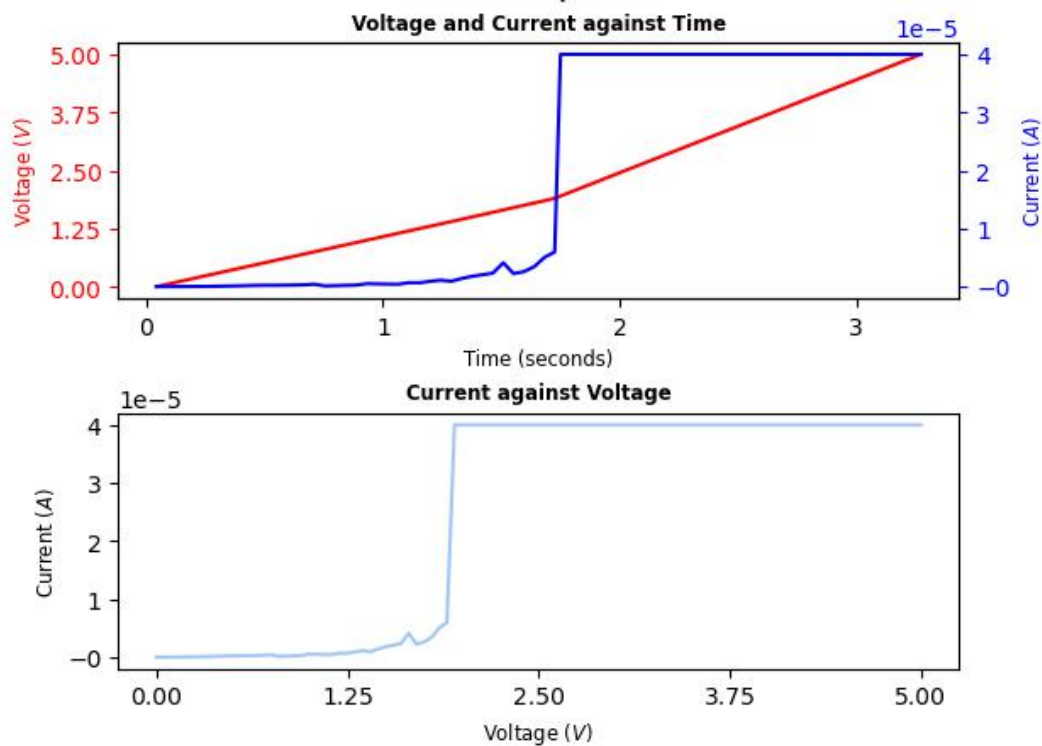End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA
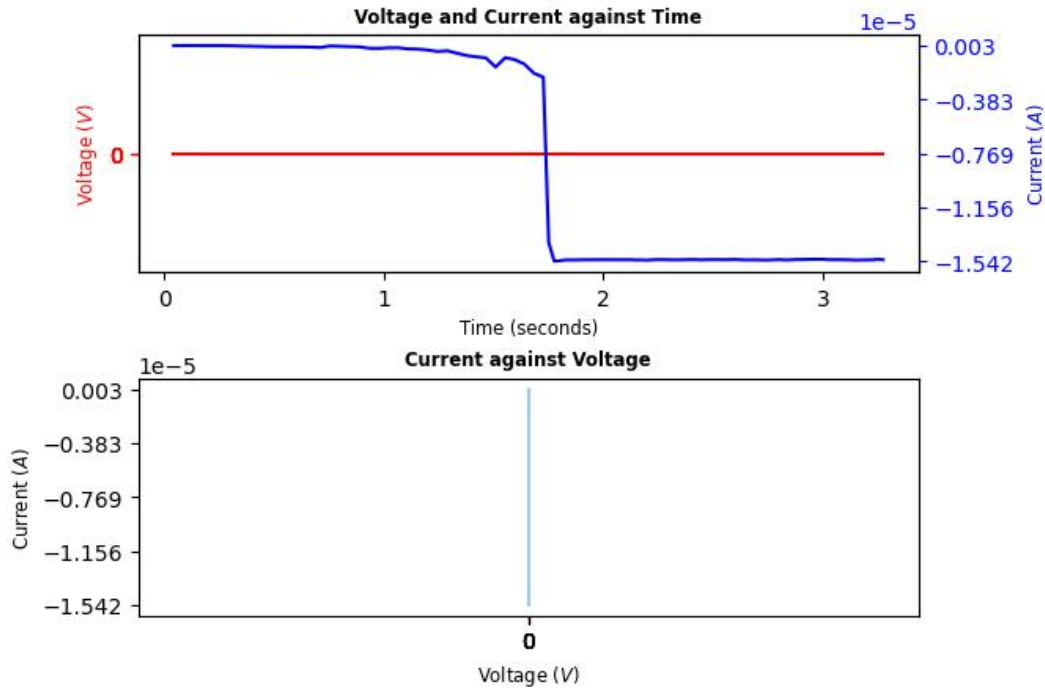
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.95

Probe 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>

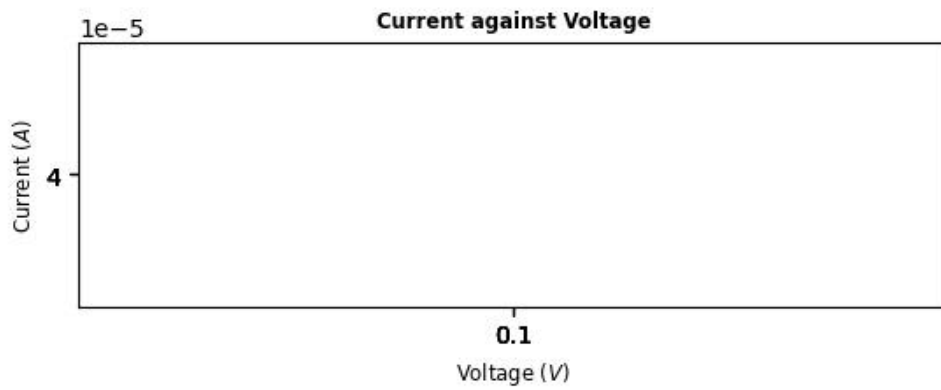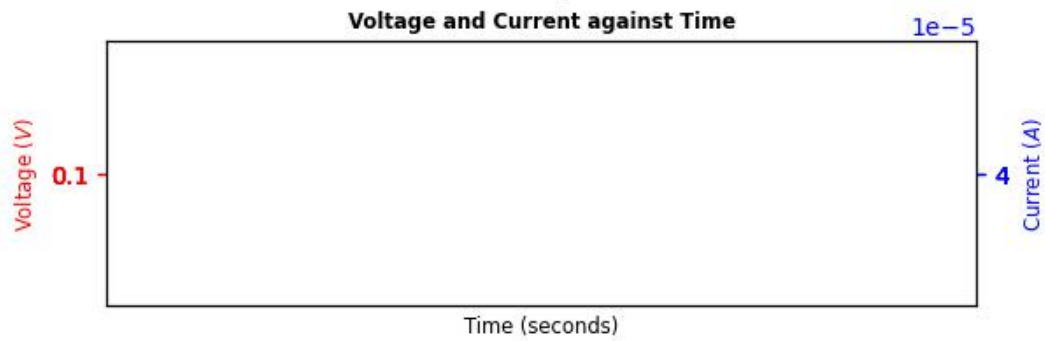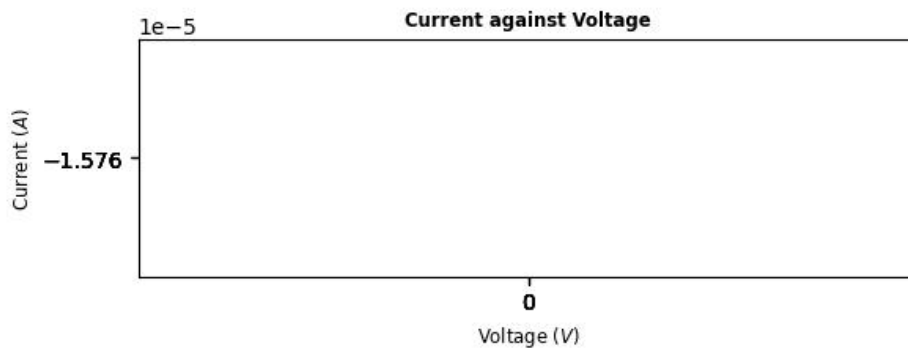Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 40.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V
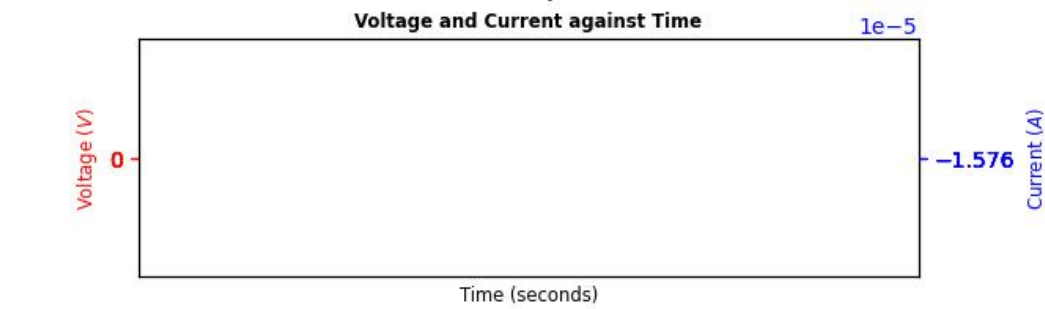
Run Folder Name = <2 probe, so invalid>

Comments = Set State: Set*

Probe A plots

Voltage and Current against Time

1e−5

Voltage (V)

0.1

Current (A)

4

Time (seconds)

Current against Voltage

1e−5

Current (A)

4

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

1e−5

Voltage (V)

0

Current (A)

−1.576

Time (seconds)

Current against Voltage

1e−5

Current (A)

−1.576

0

Voltage (V)

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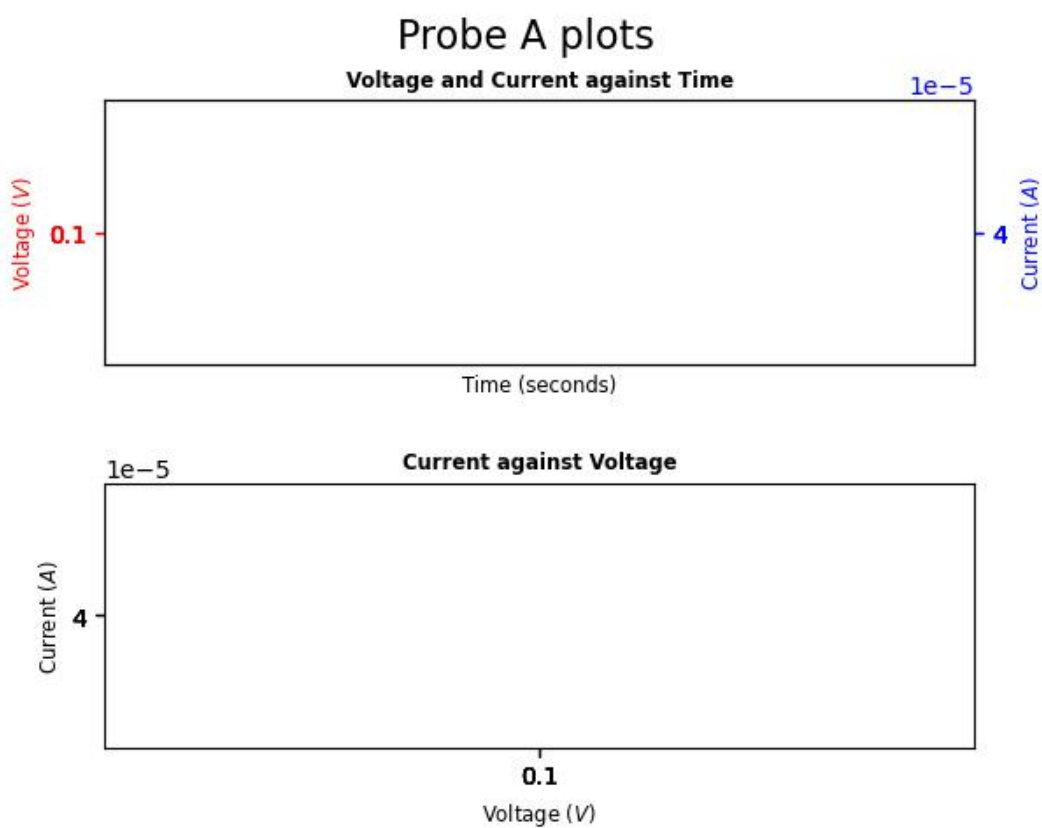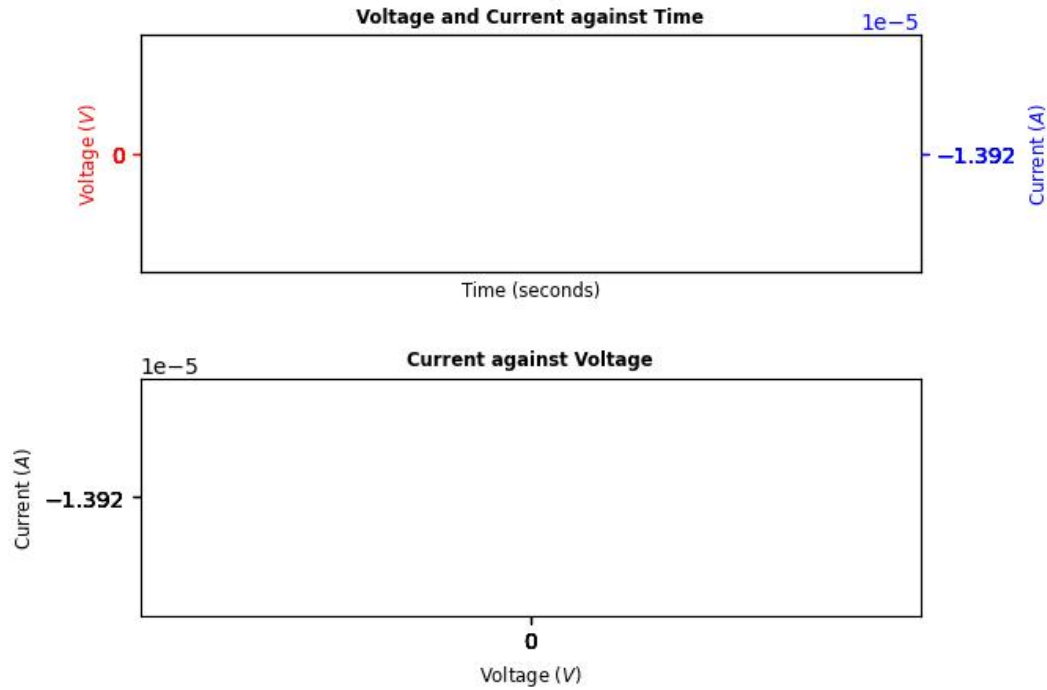
Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 40.0uA

Platinum Voltage = 0V

Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Set State: Set*

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = reset

Start Voltage = 0V

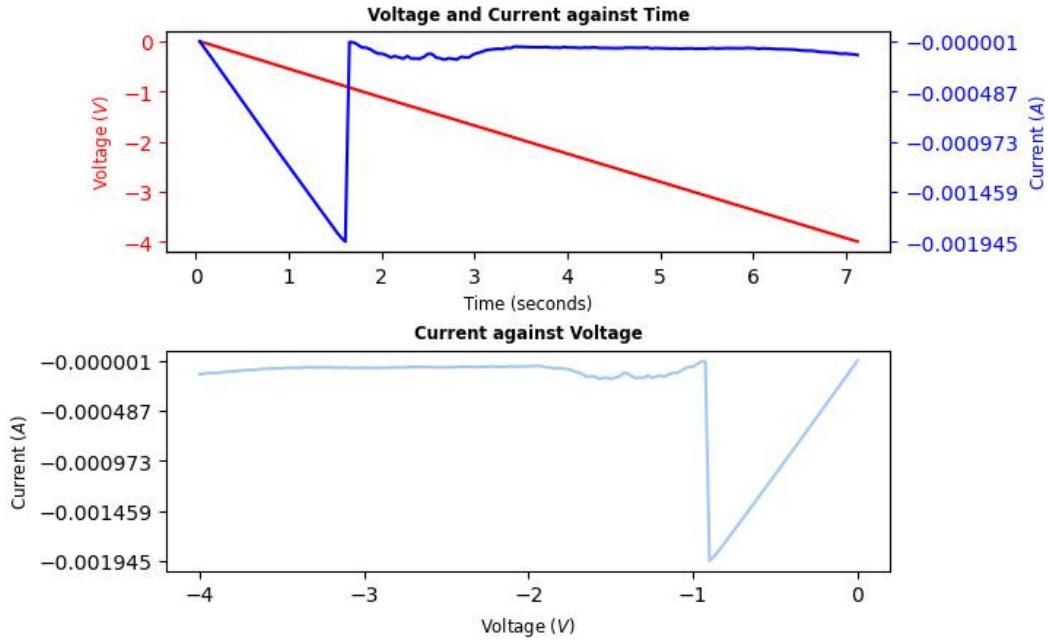End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

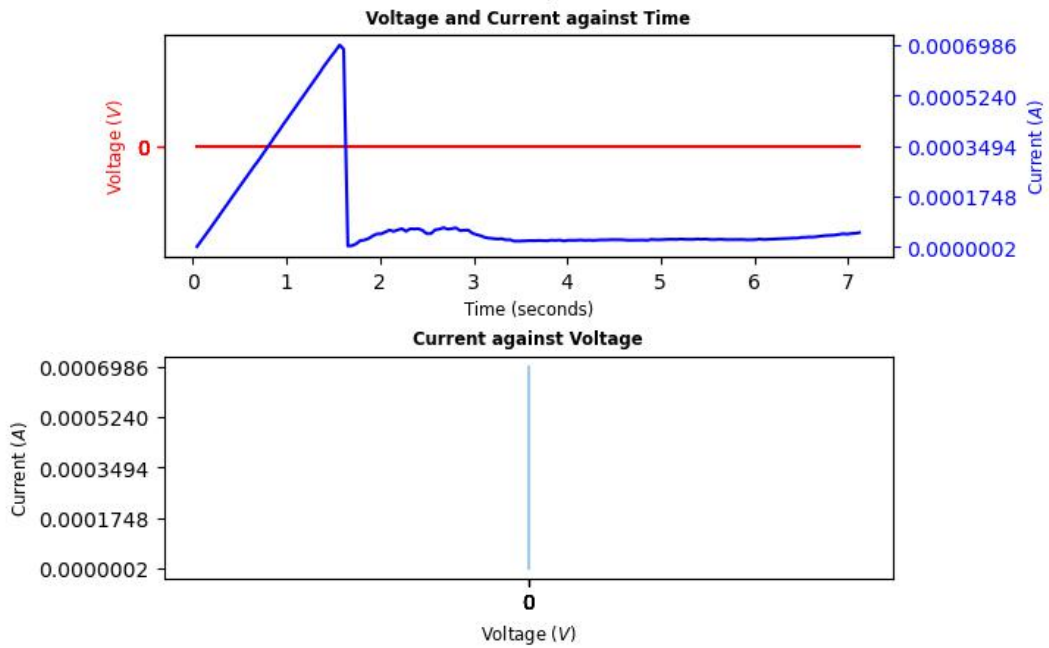Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did reset

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

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

Activity = set

Start Voltage = 0V

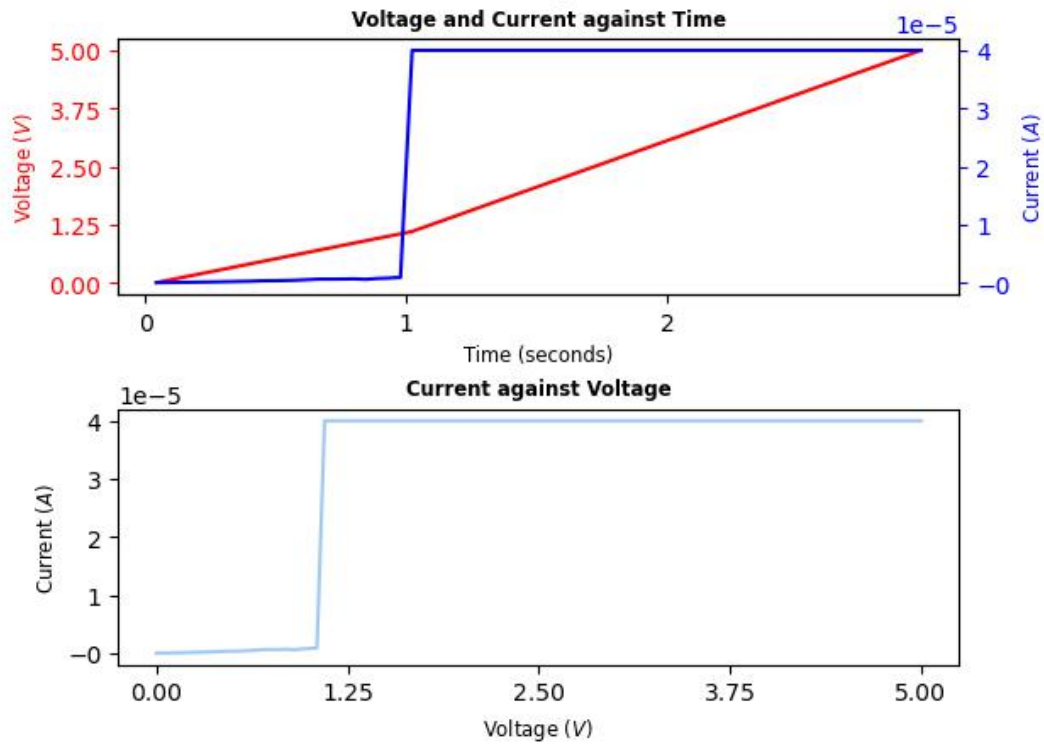End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 40.0uA

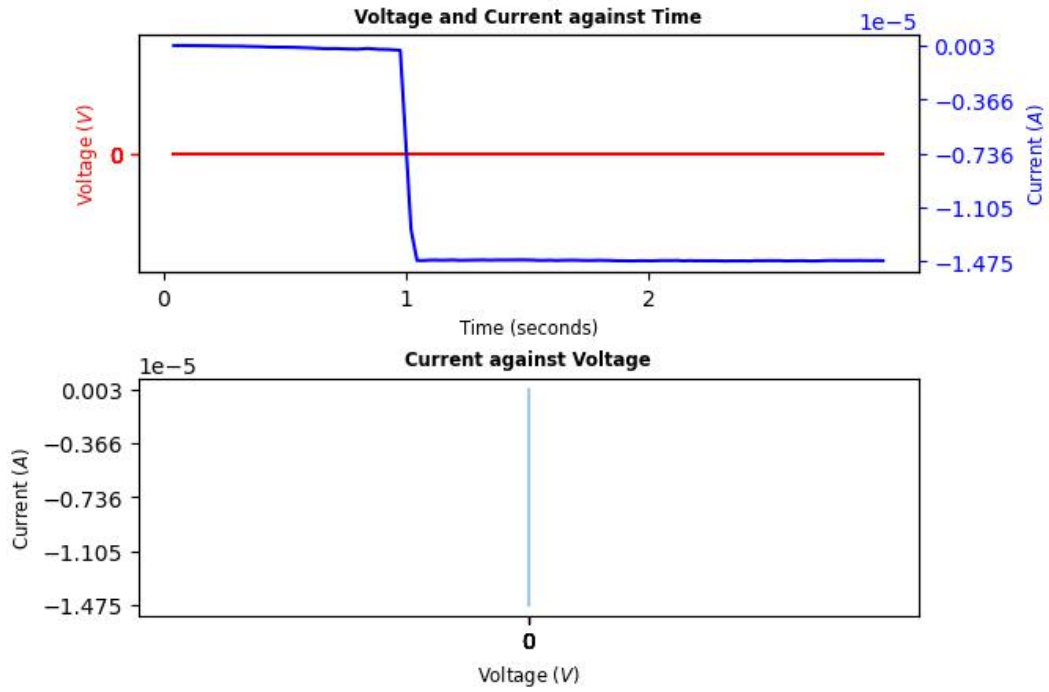Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.1

Probe B plots

Voltage and Current against Time

Current against Voltage