(wafer2,2,0,-1,-1,0,2) Plots and Summary

- Cell Size = 15um

- Number of Times Accessed = 14

- Last Stimulated = 2022/March/23 at 03:57:19PM

Stimulated at 03:41:00PM on 2022/March/23

Activity = form

Start Voltage = 0V

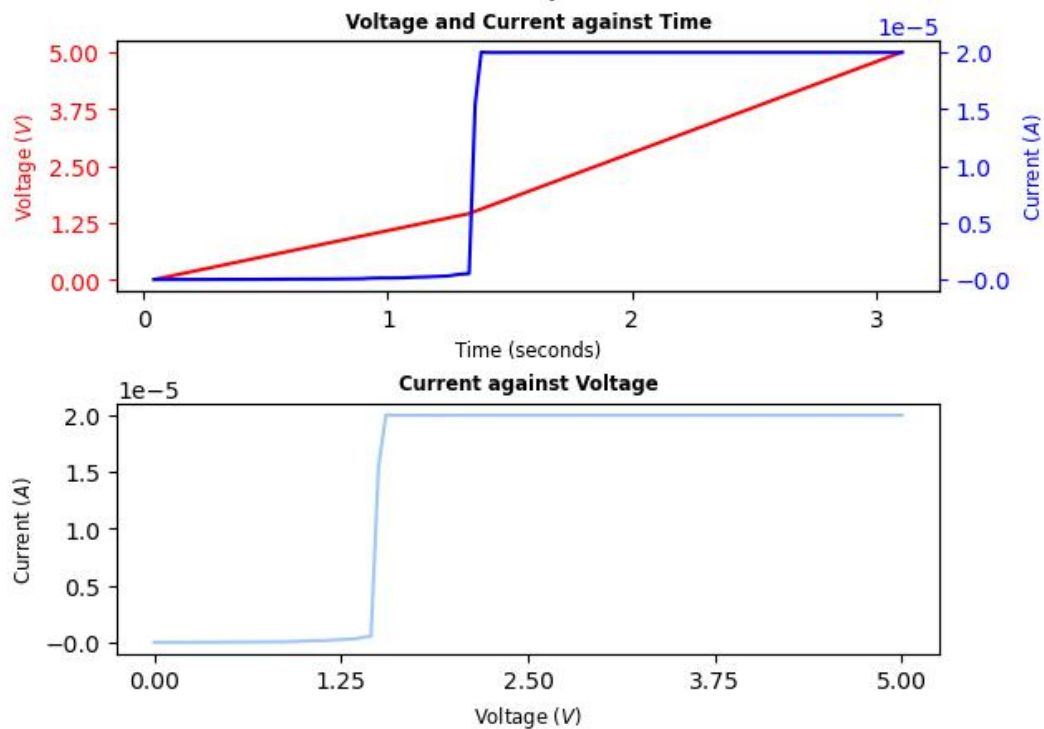End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA
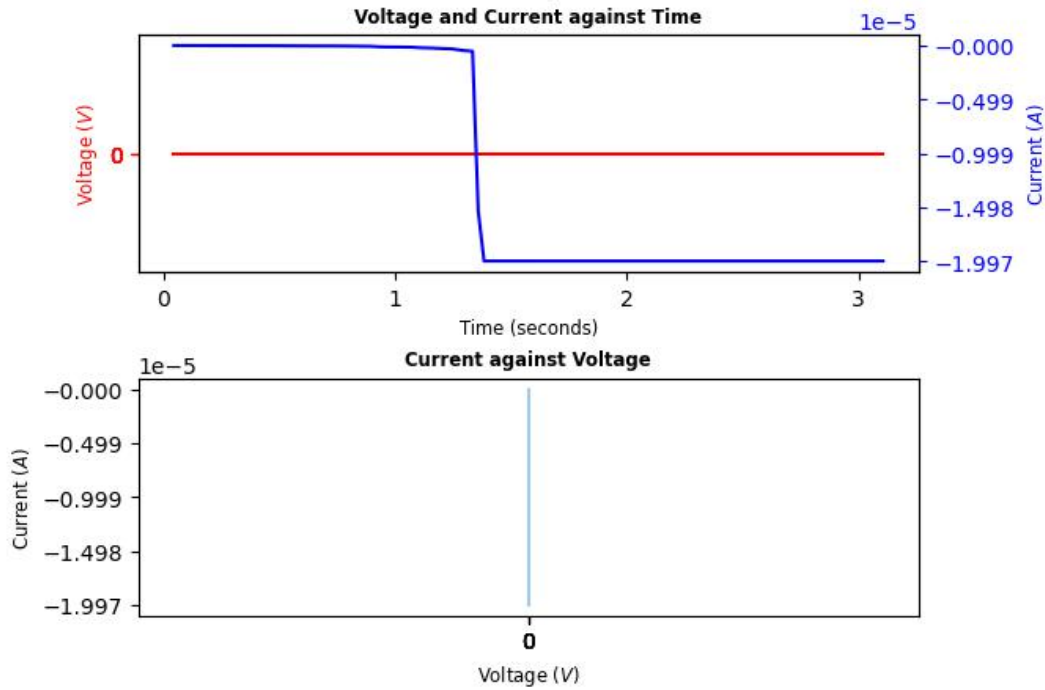
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Probe A on copper, B on platinum. Formed at 1.5V, very low.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:42:05PM on 2022/March/23

Activity = observe

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

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

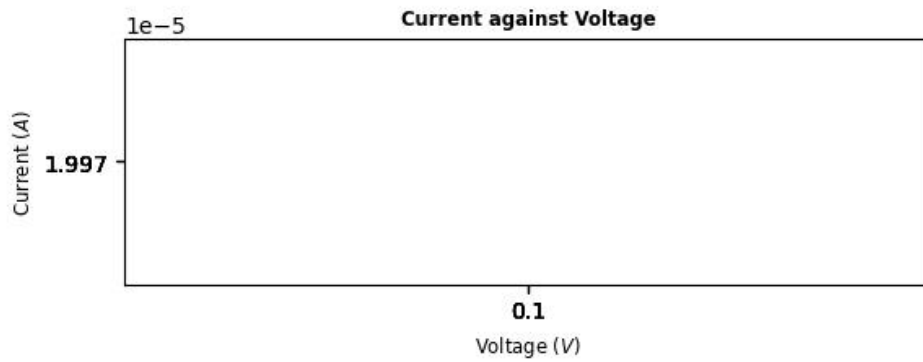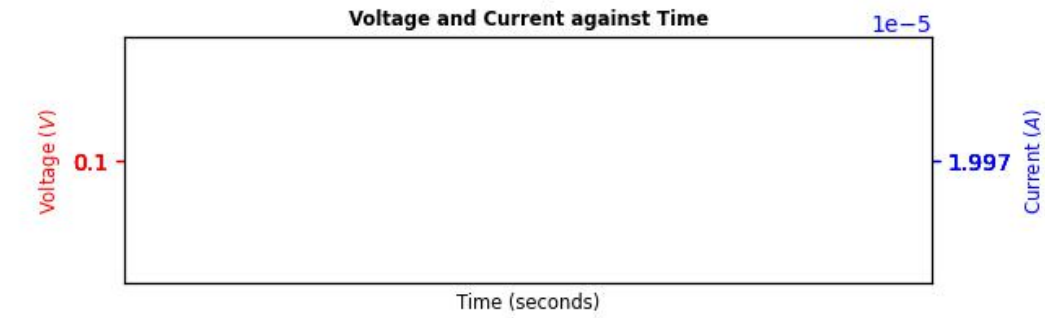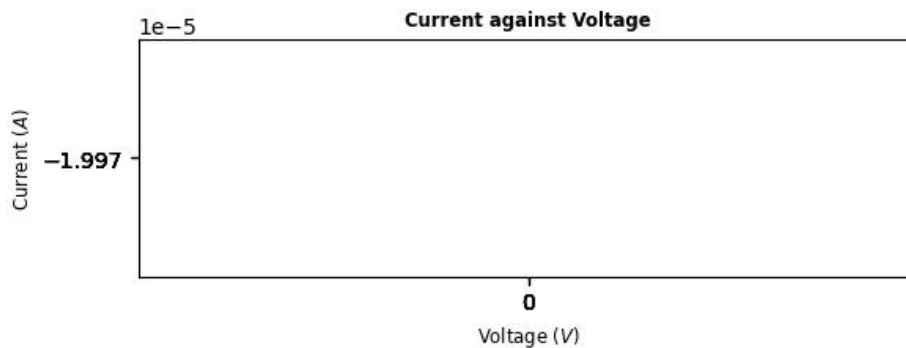Ramp Rate = <2 probe observe activity, so invalid>

Compliance Current = 20.0uA

Platinum Voltage = 0V

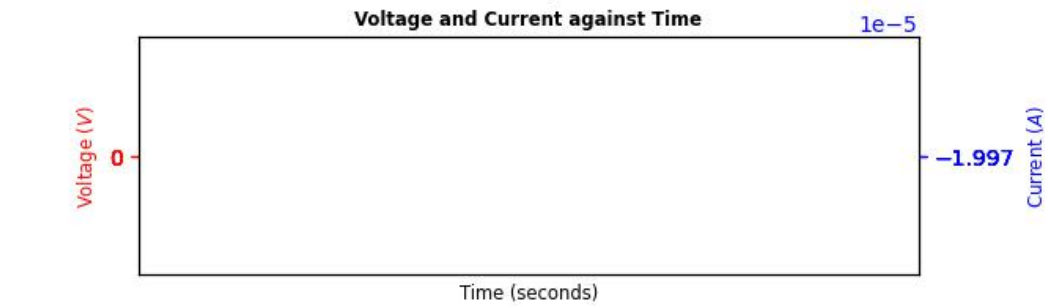Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Confirmed in set. State: Set*

Probe A plots

Voltage and Current against Time

Voltage (V)   0.1

Current (A)   1e−5   1.997

Time (seconds)

Current against Voltage

1e−5

Current (A)   1.997

0.1

Voltage (V)

Probe B plots

Voltage and Current against Time

Voltage (V)   0

Current (A)   1e−5   −1.997

Time (seconds)

Current against Voltage

1e−5

Current (A)   −1.997

0

Voltage (V)

Stimulated at 03:44:22PM on 2022/March/23

Activity = reset

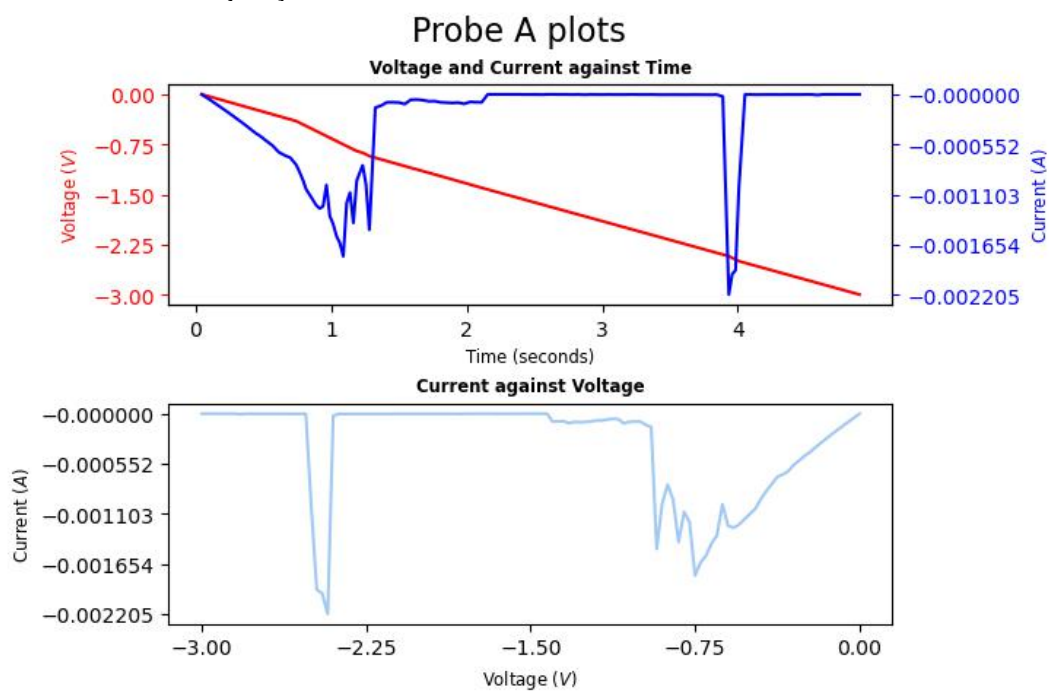Start Voltage = 0V

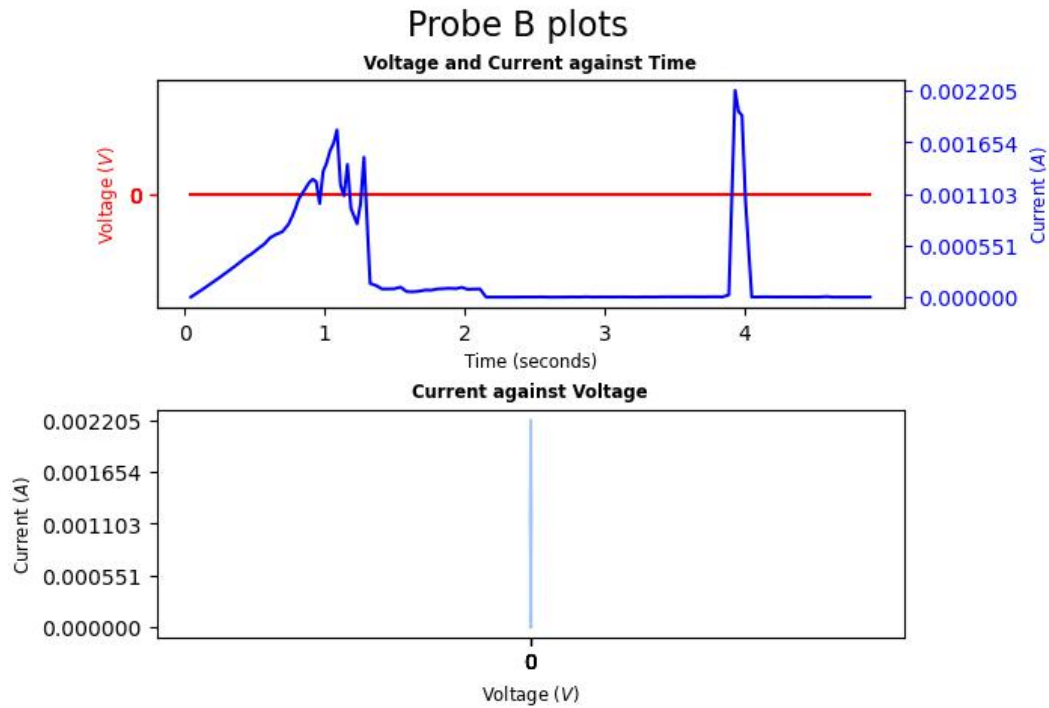End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset confirmed but janky.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:45:18PM on 2022/March/23

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

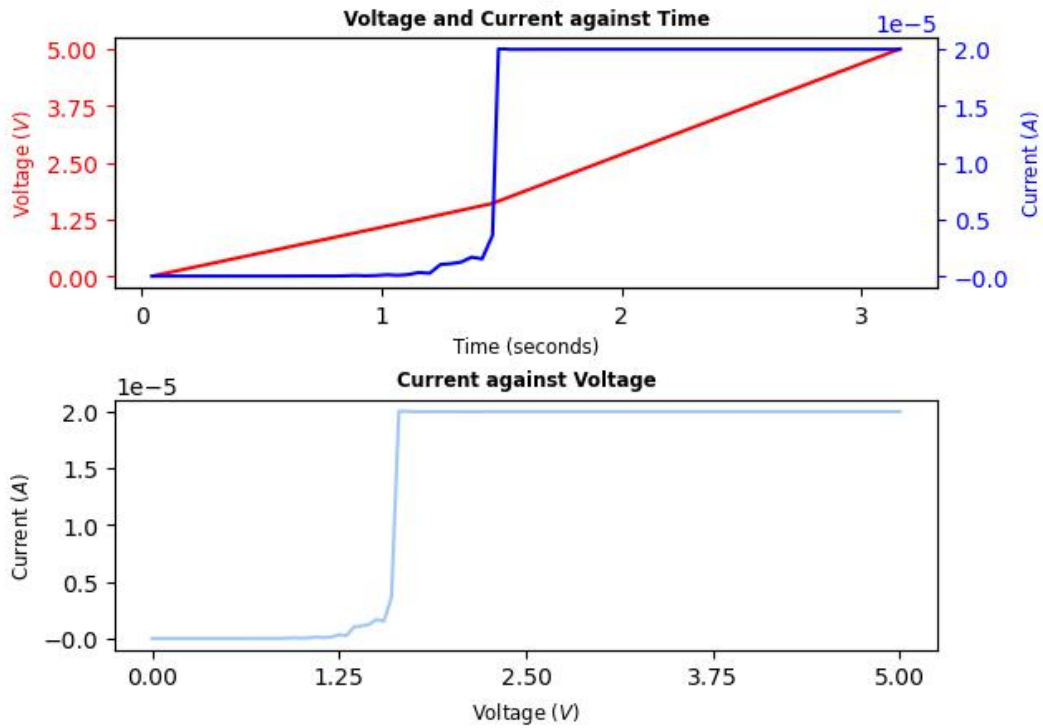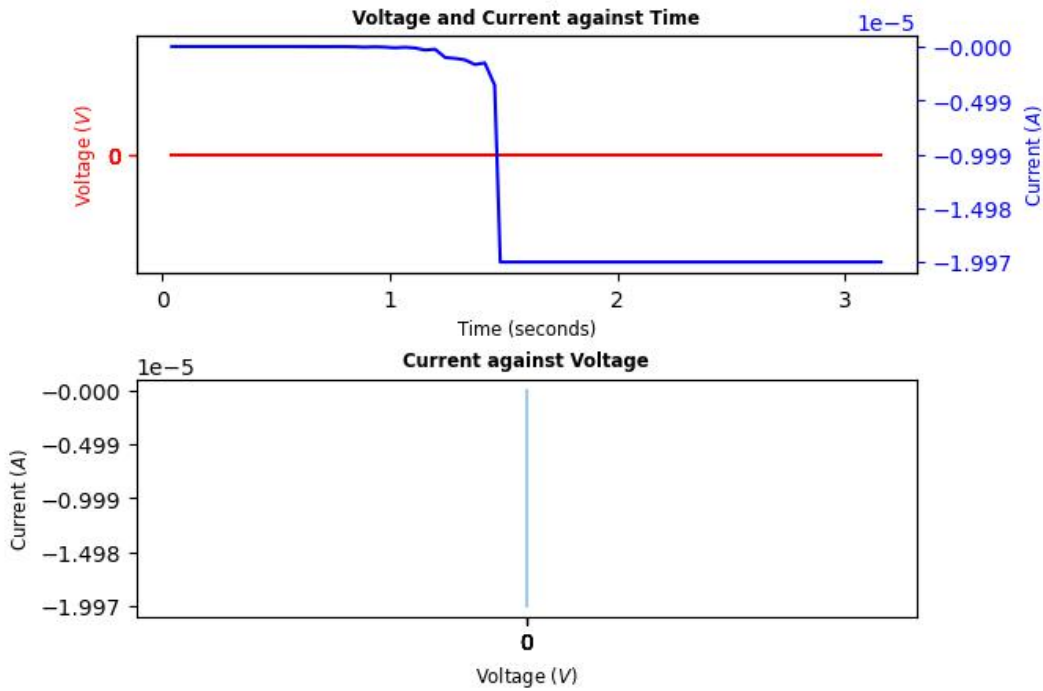Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.65v again, pretty much same

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:45:57PM on 2022/March/23

Activity = reset

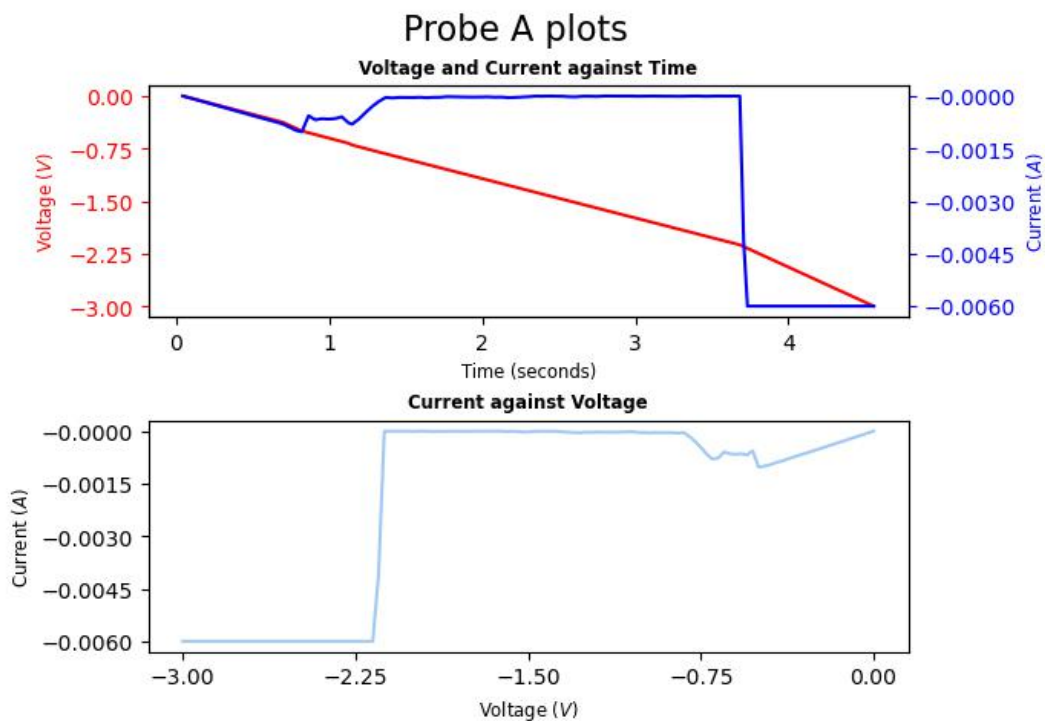Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

Platinum Voltage =

Copper Voltage =

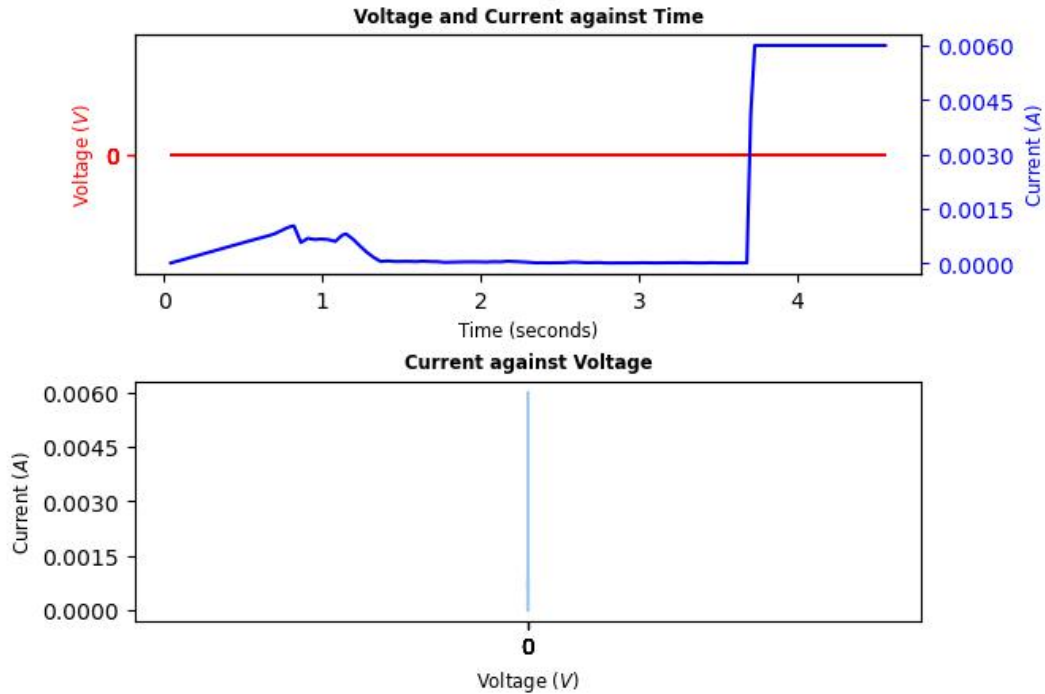Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:47:07PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 4.0mA

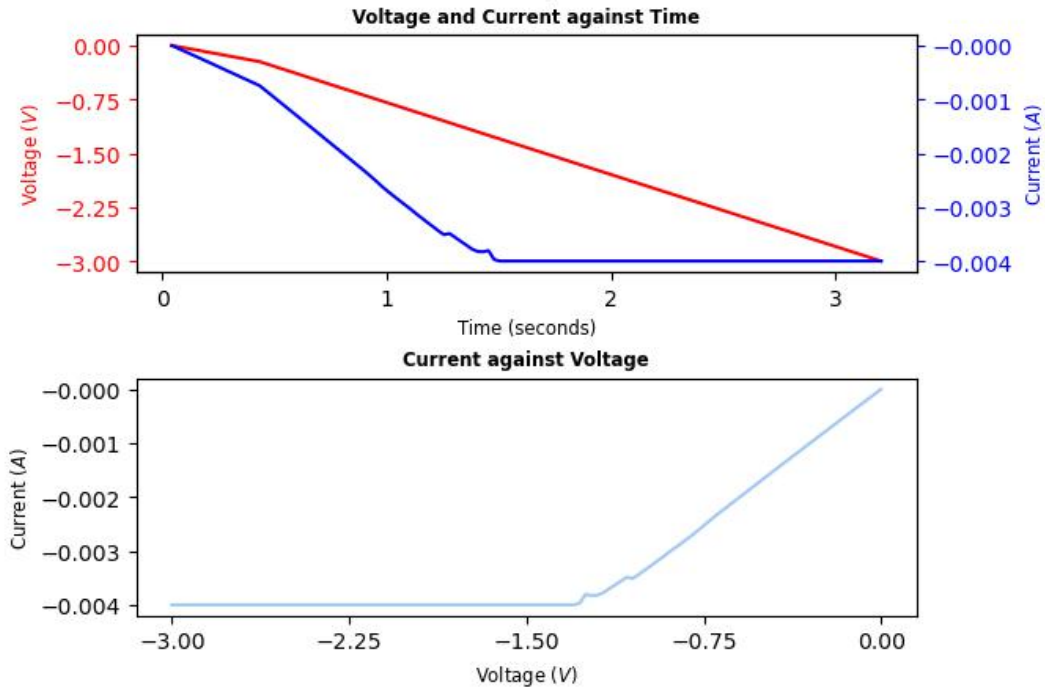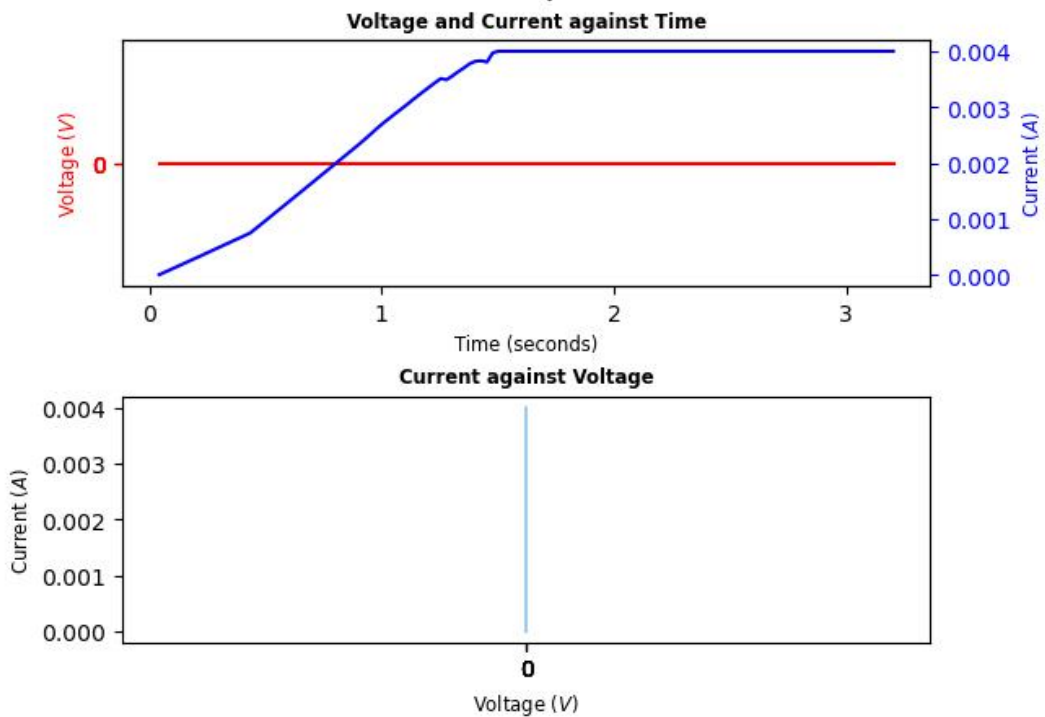Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:47:52PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

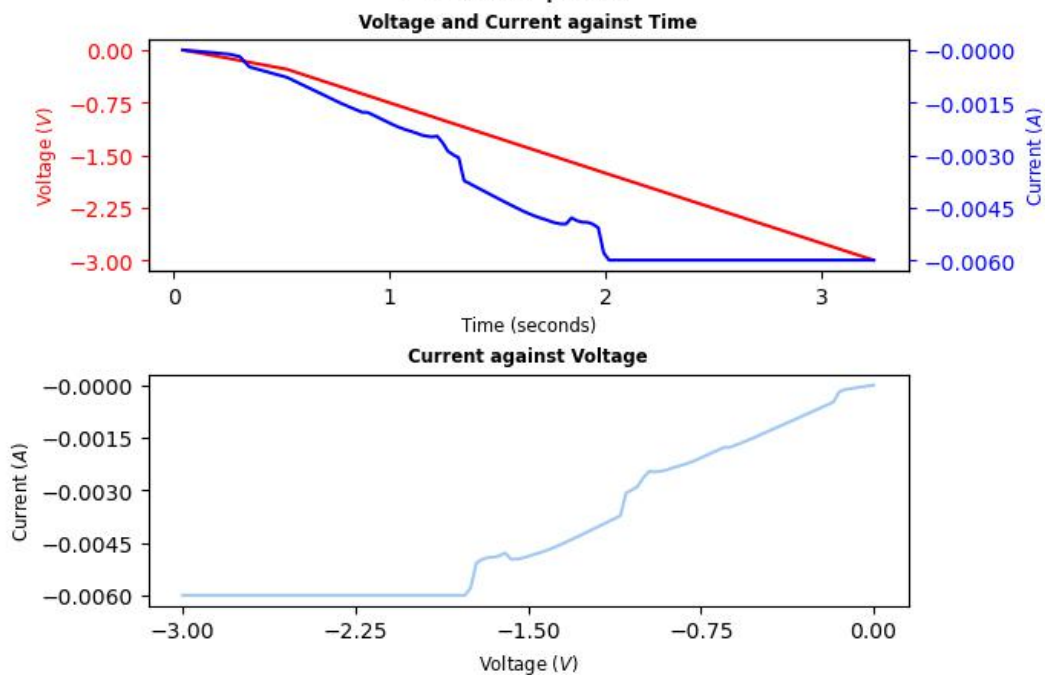Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:48:37PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s
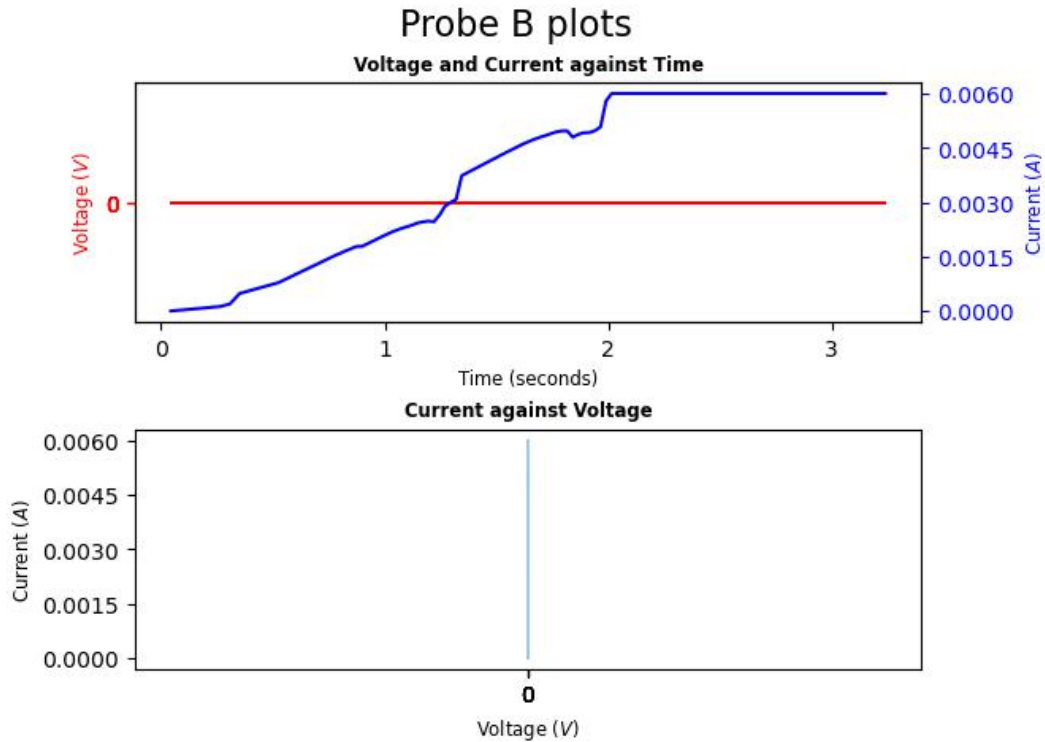
Compliance Current = 8.0mA

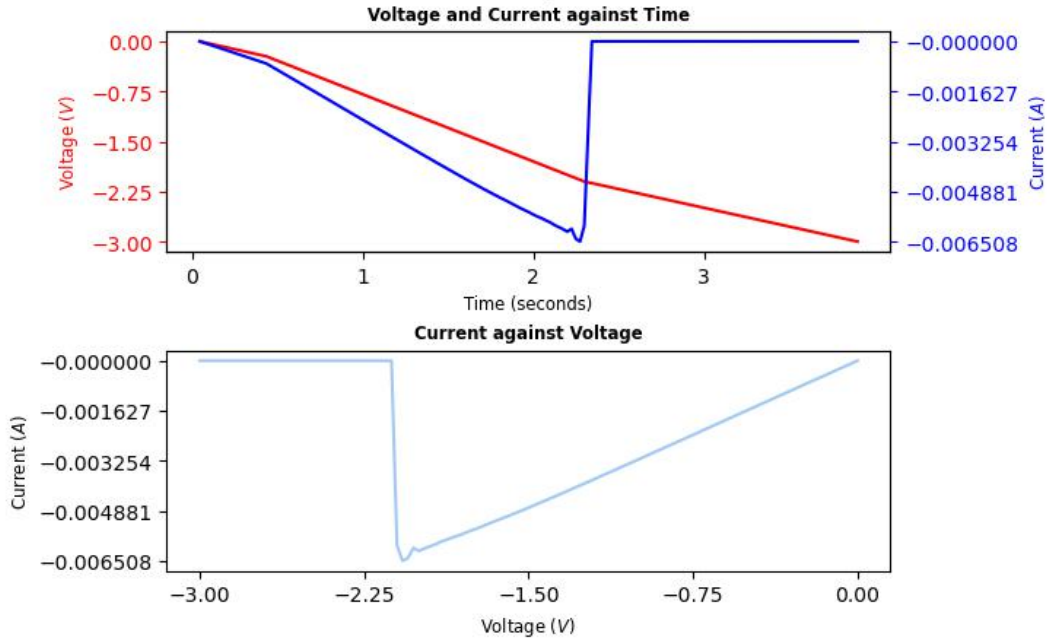Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset success, but took about 6.5mA. Looking good.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:50:24PM on 2022/March/23

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

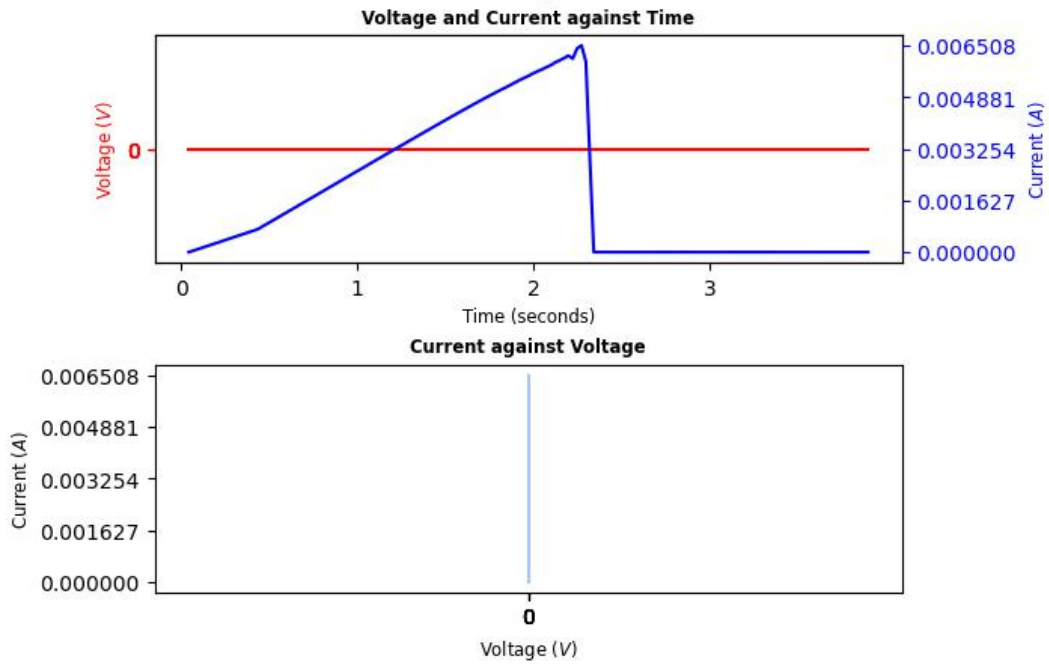Compliance Current = 20.0uA

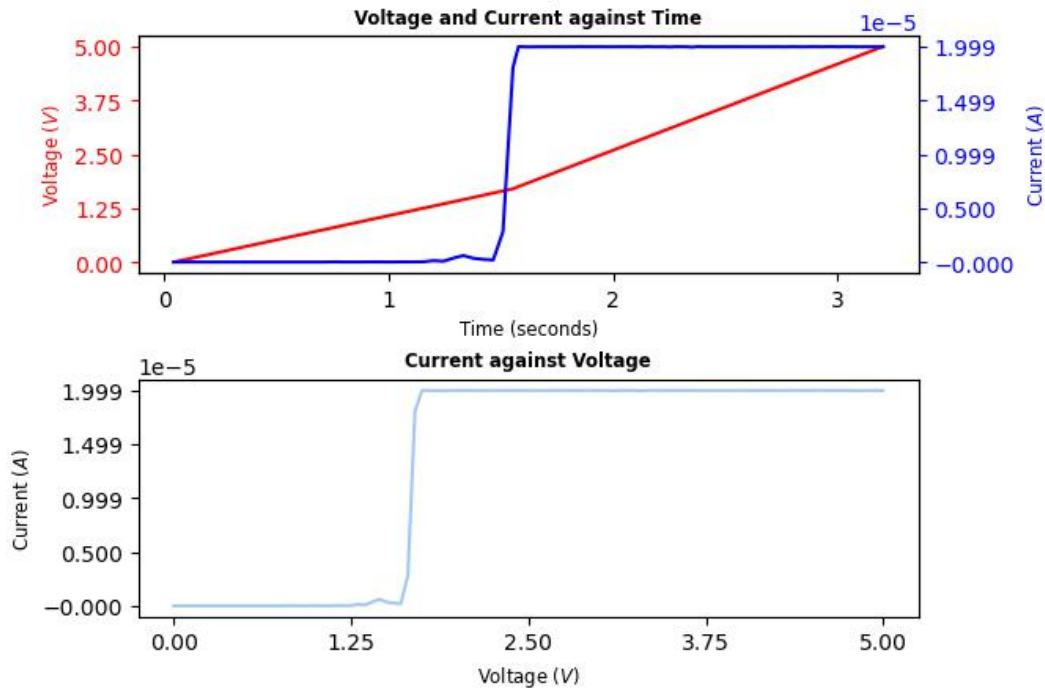Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Setting around same voltage, 1.75v.

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:53:42PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

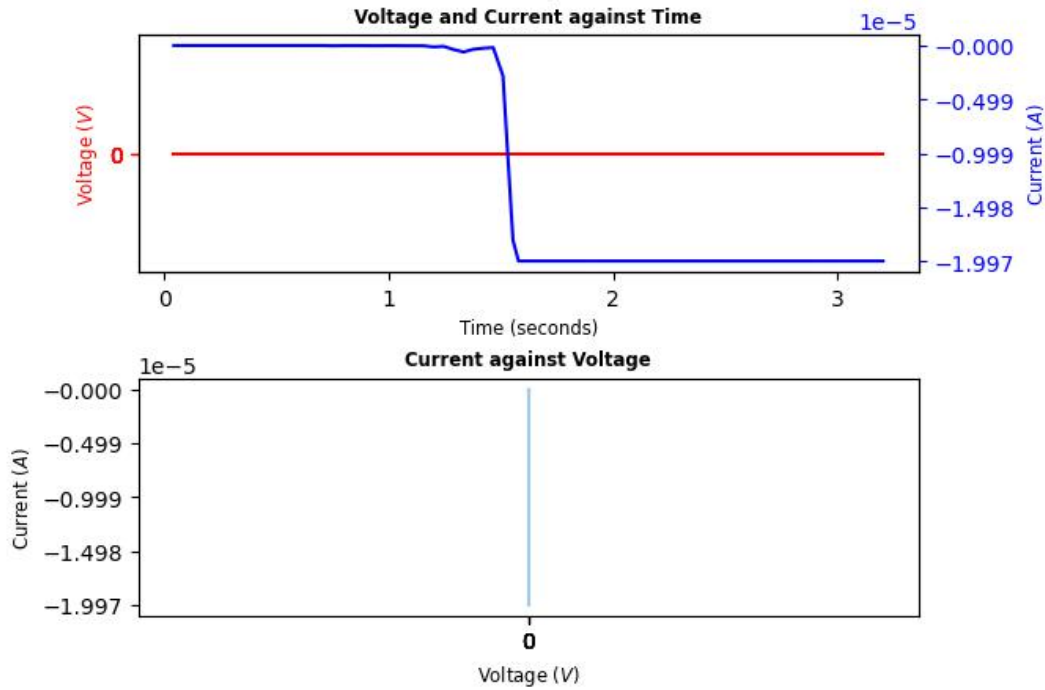Compliance Current = 6.0mA

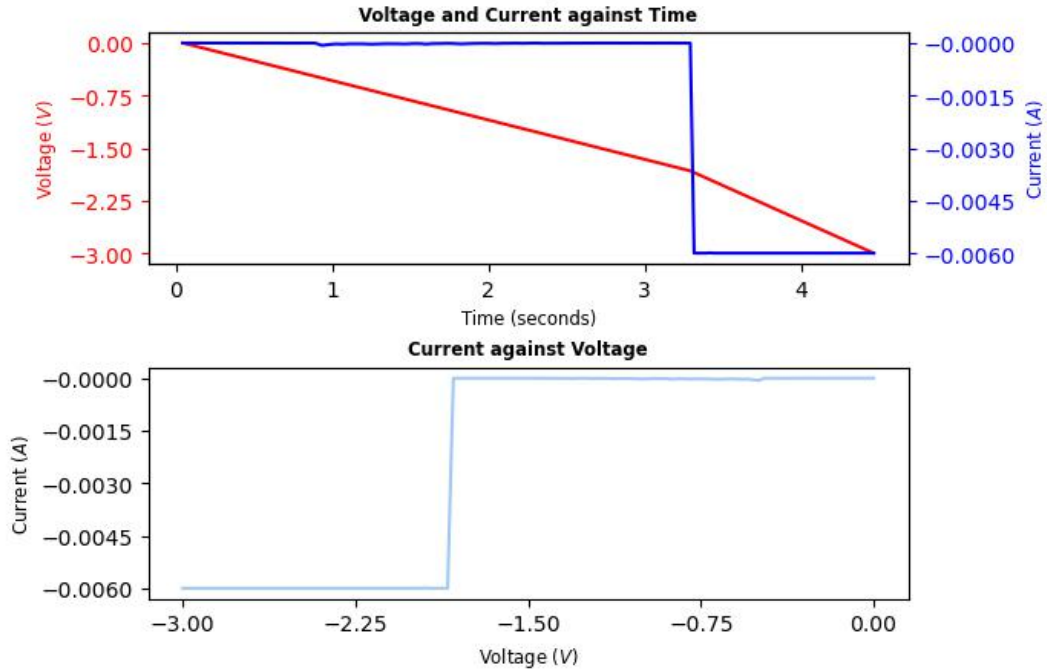Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:54:40PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

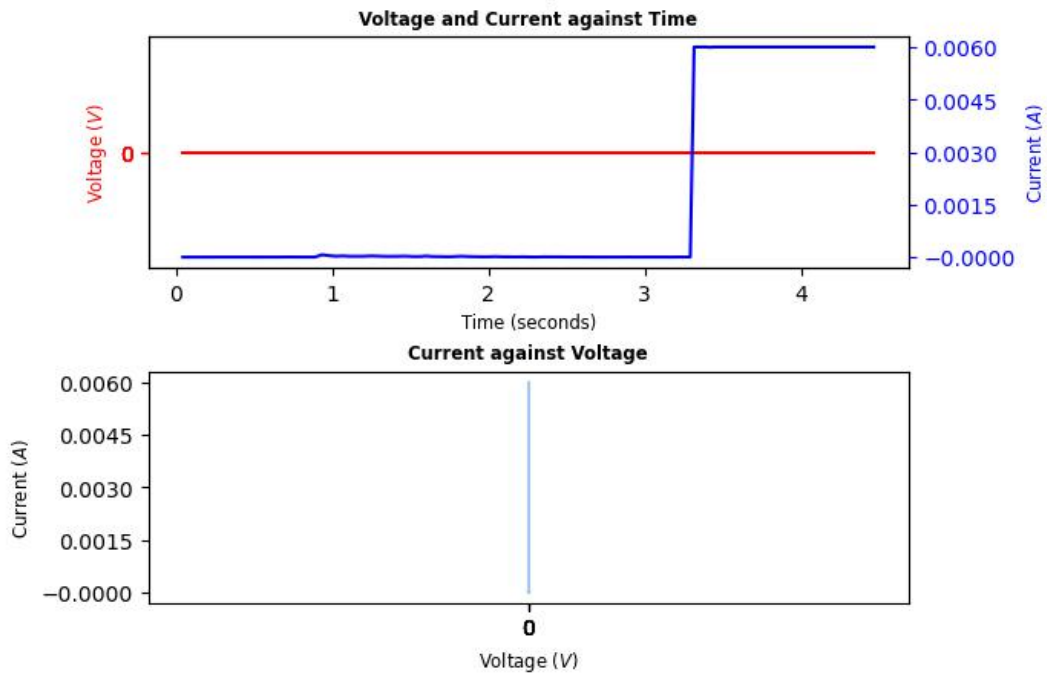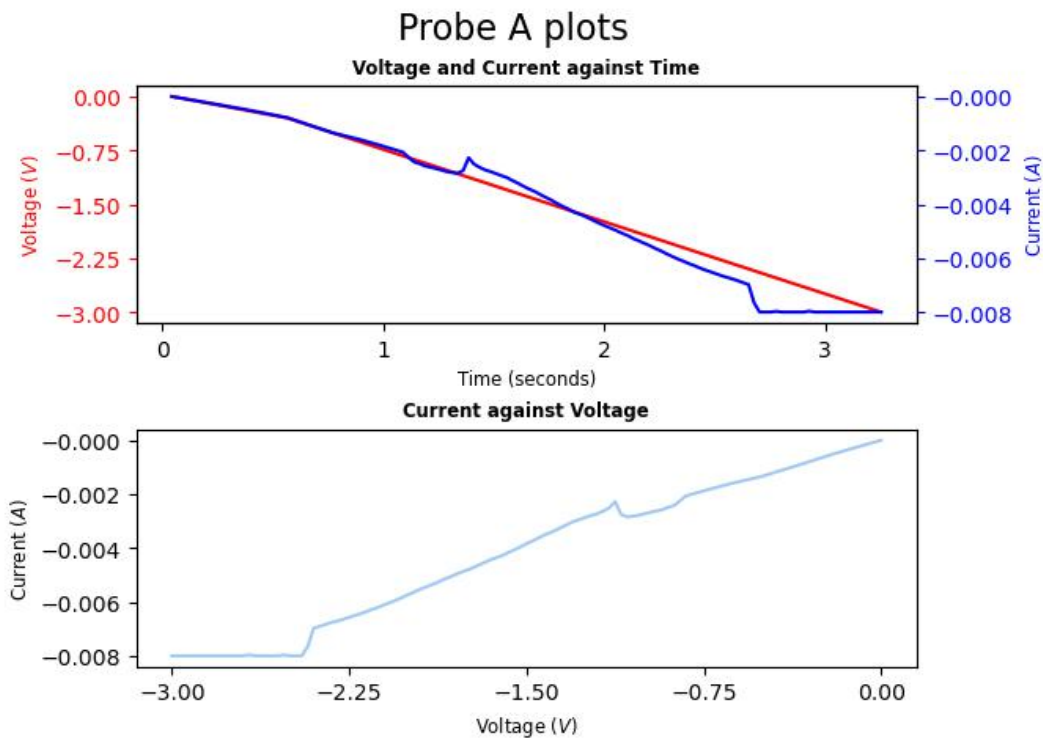Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:55:29PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA
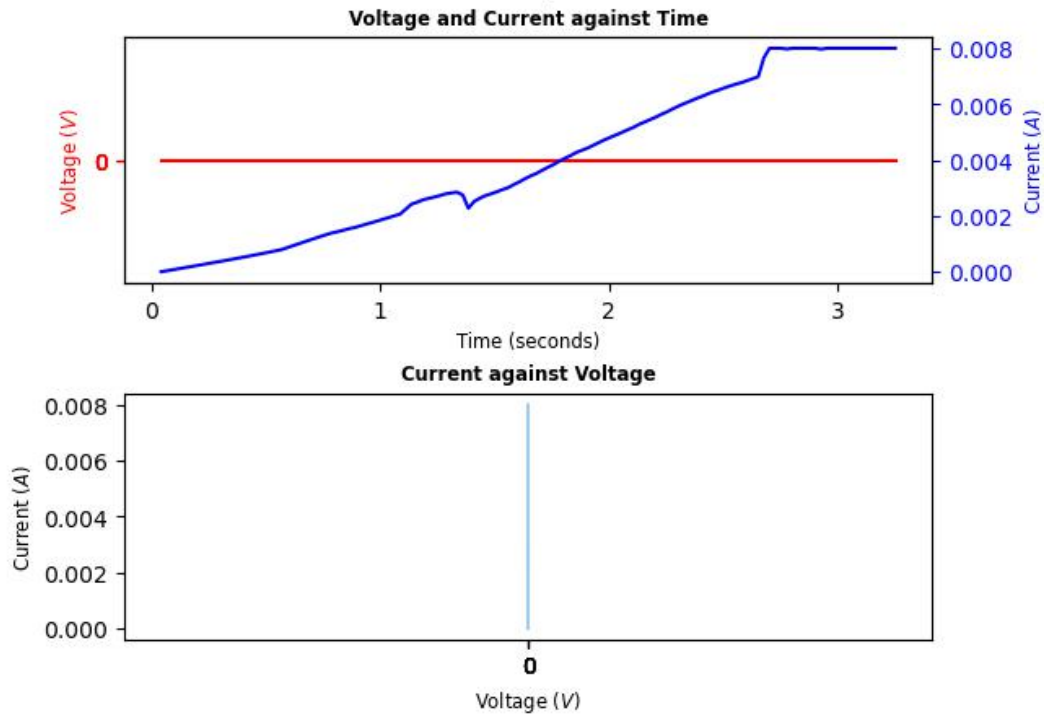
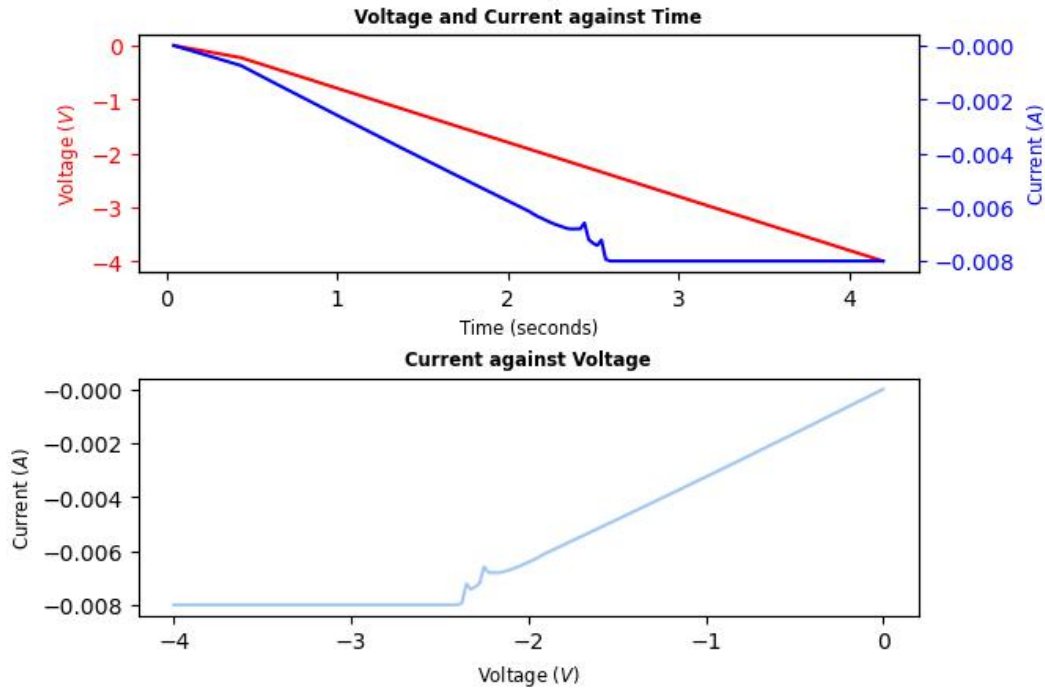Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:56:15PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

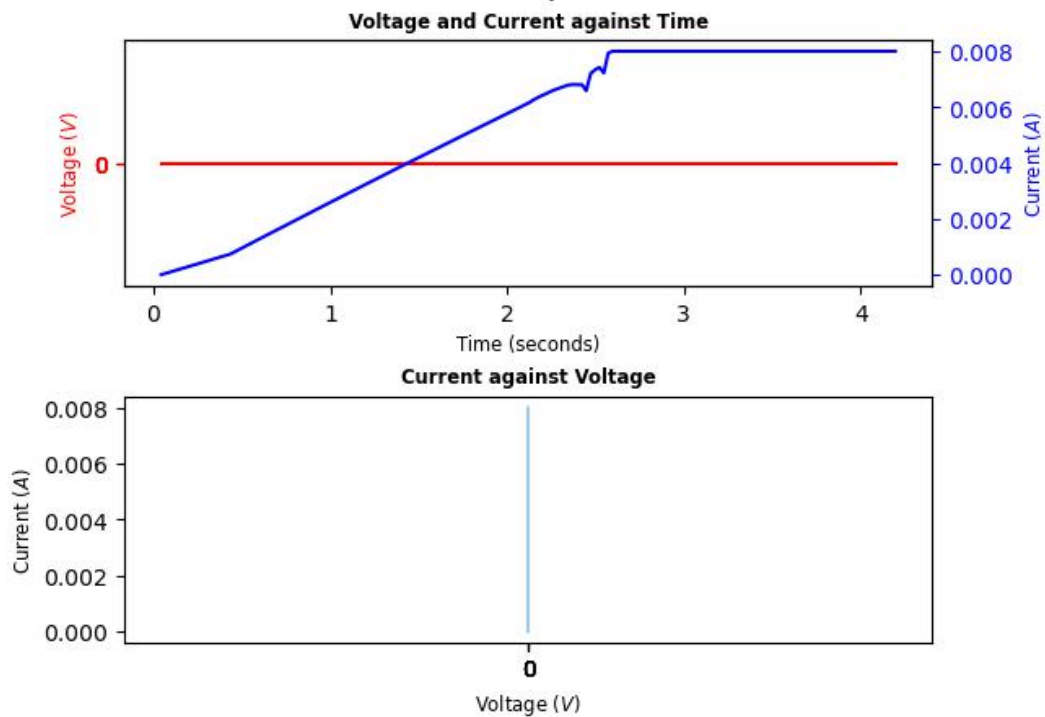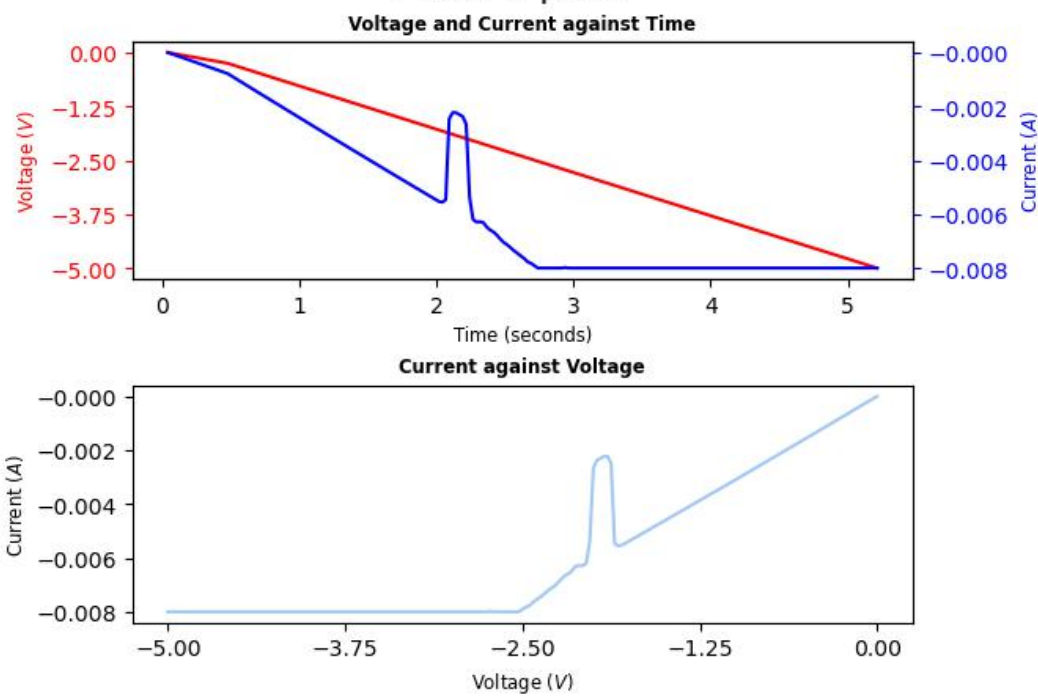Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail, but weird bump in between.

Probe A plots

Probe B plots

Voltage and Current against Time

Current against Voltage

Stimulated at 03:57:19PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

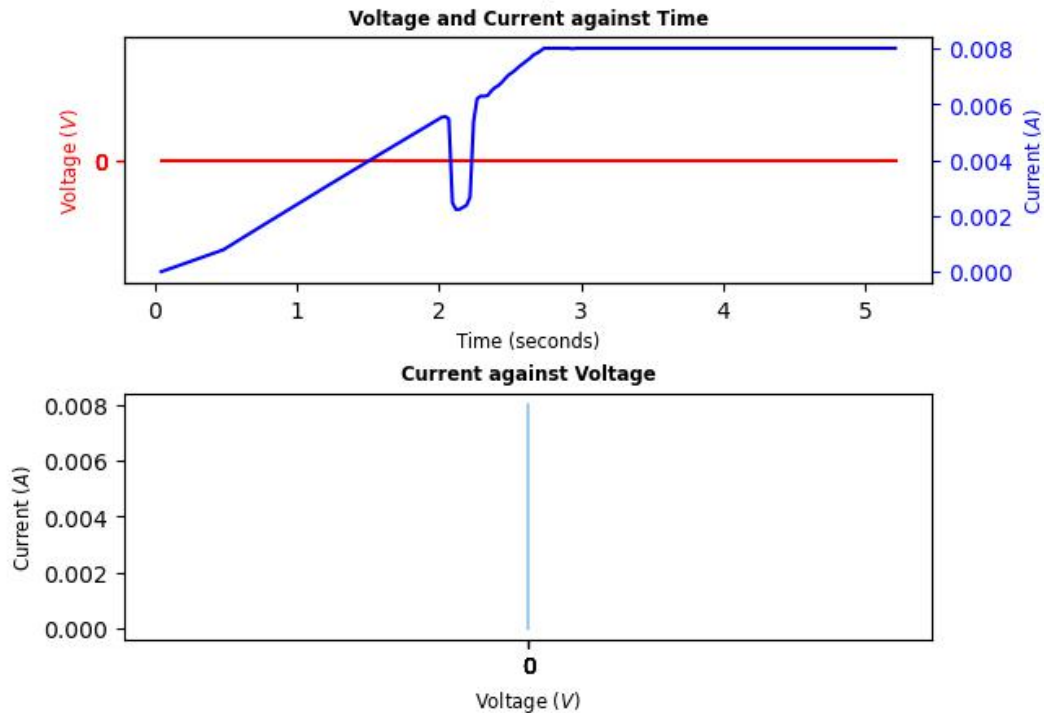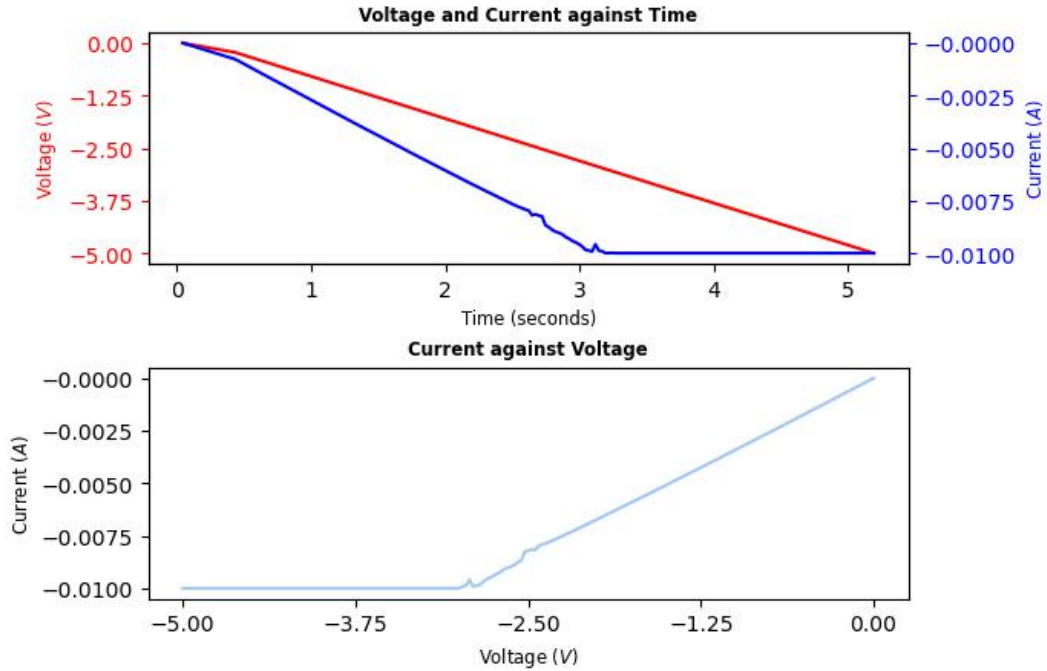Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = reset fail. giving up on this cell.

Probe A plots

Voltage and Current against Time

Current against Voltage

Probe B plots

Voltage and Current against Time

Current against Voltage