(wafer1,2,0,-1,-1,4,4) Plots and Summary

- Cell Size = 15um

- Number of Times Accessed = 26

- Last Stimulated = 2022/March/01 at 03:26:18PM

Stimulated at 02:57:08PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

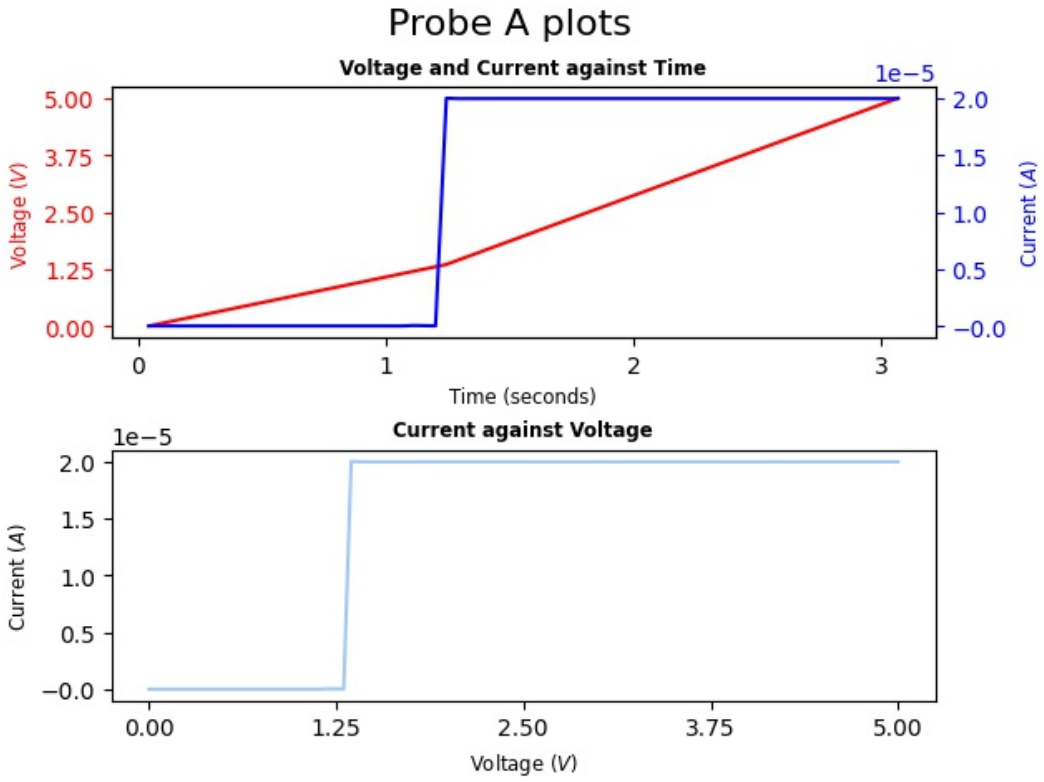
Compliance Current = 20.0uA

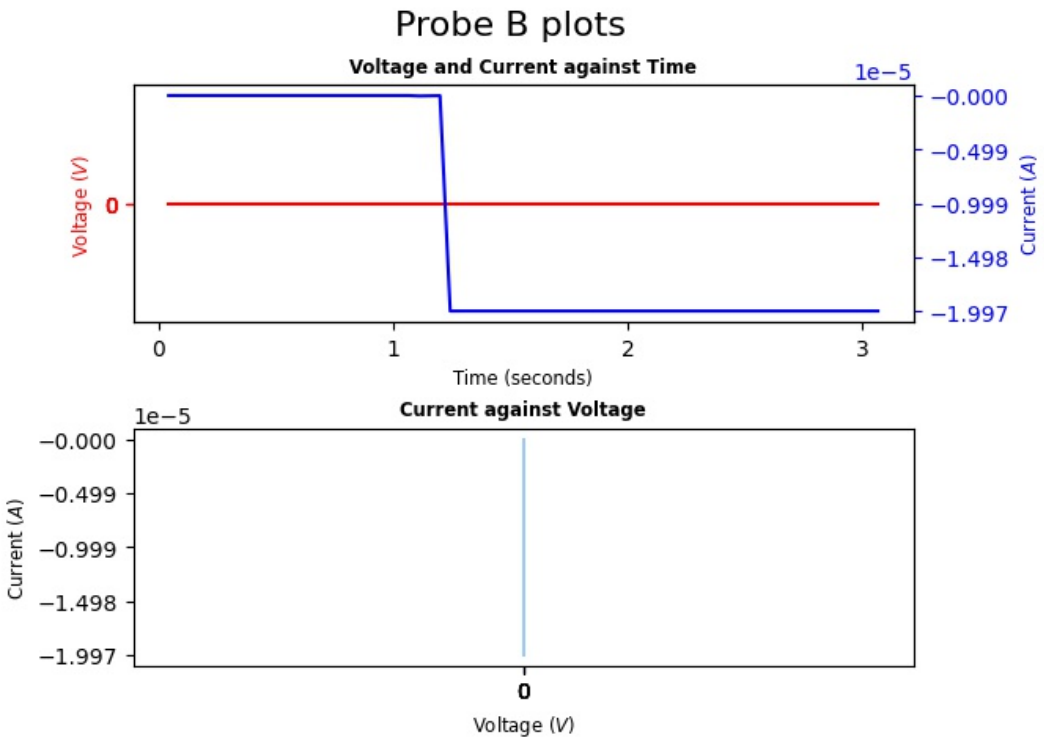
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Form* at 1.35 V. Too flimsy and reset after due to bad probe connection





Stimulated at 02:58:34PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

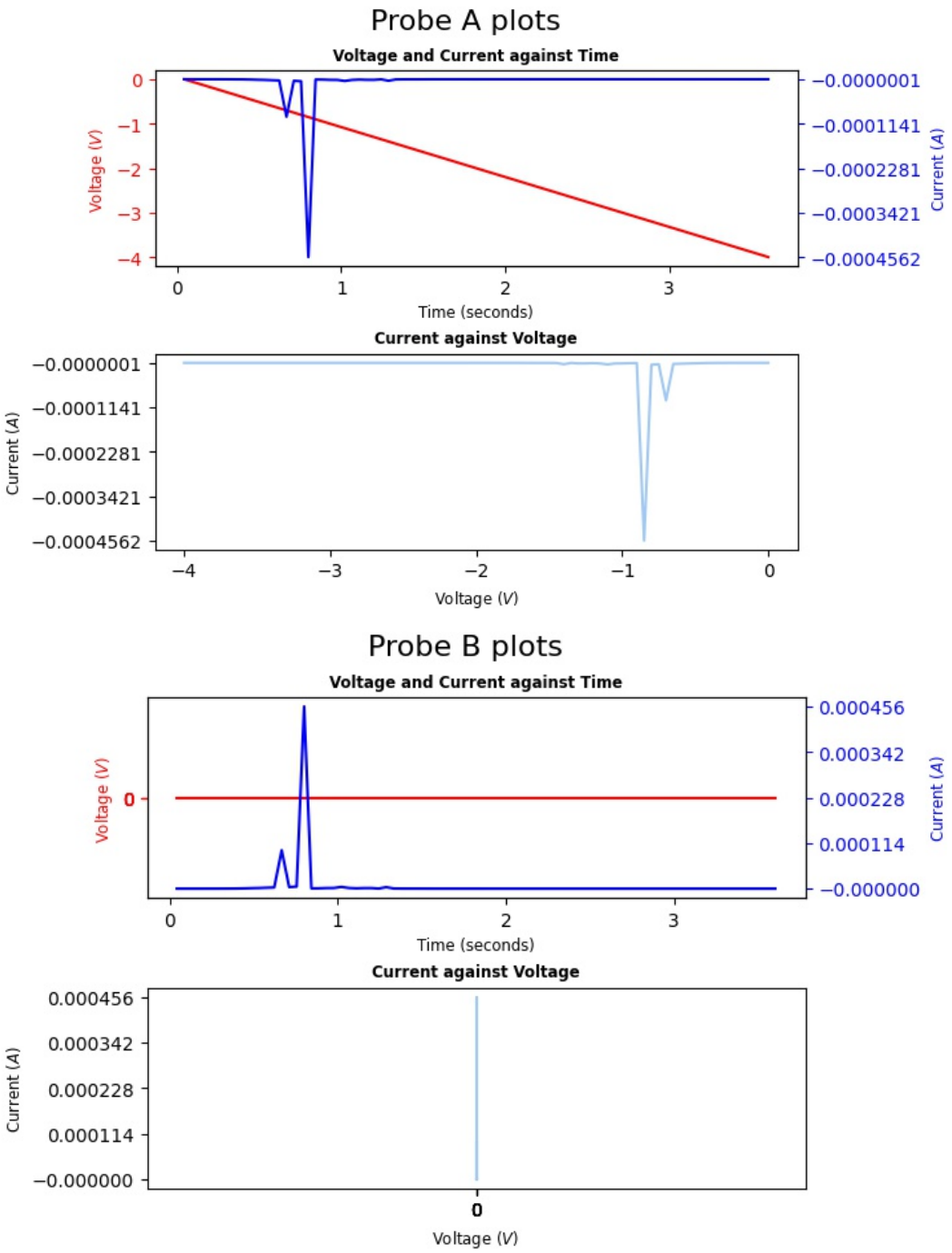
Compliance Current = 5.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Cell did not conduct



Stimulated at 02:59:24PM on 2022/March/01

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>

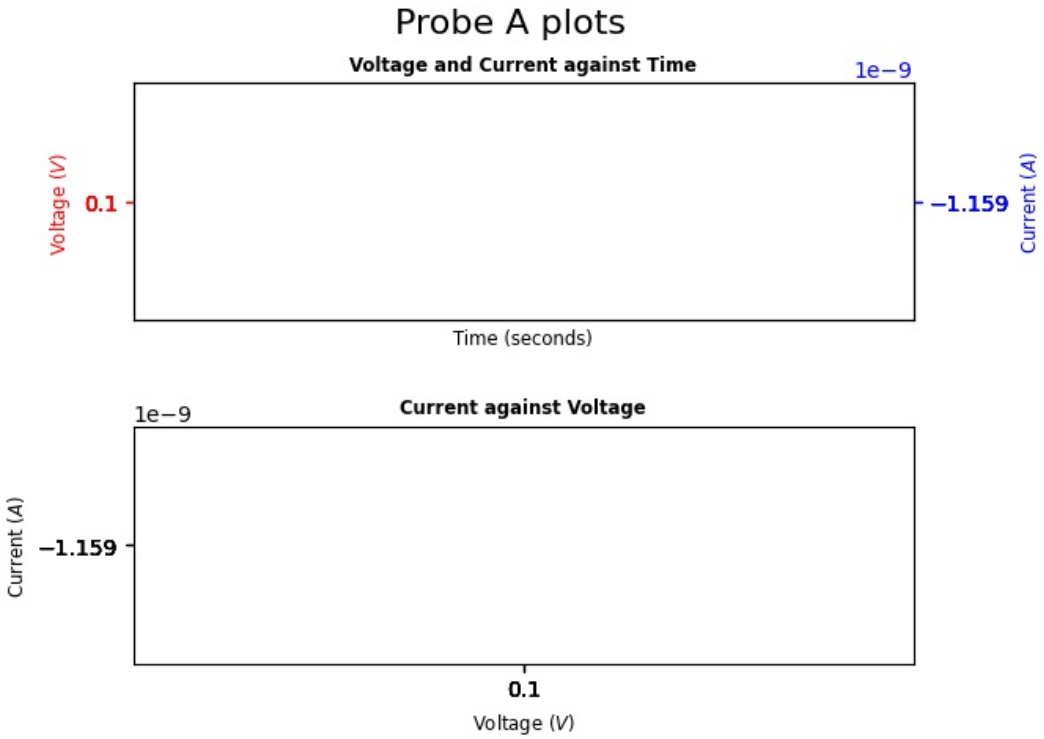
Compliance Current = 20.0uA

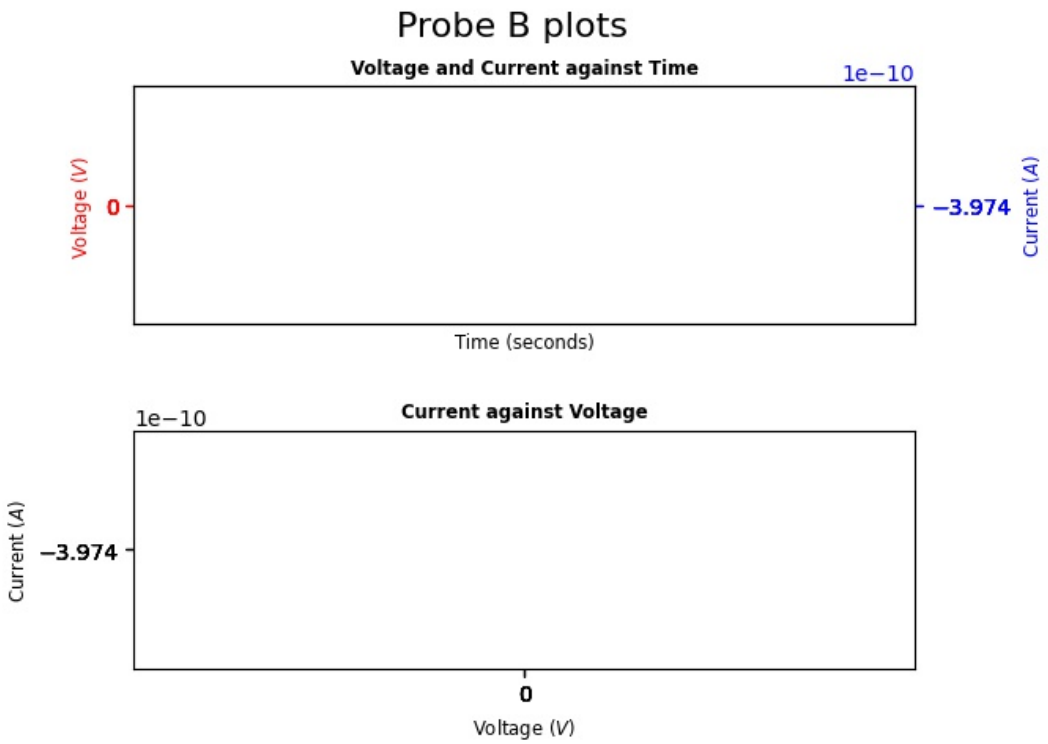
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: RESET





Stimulated at 03:00:01PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

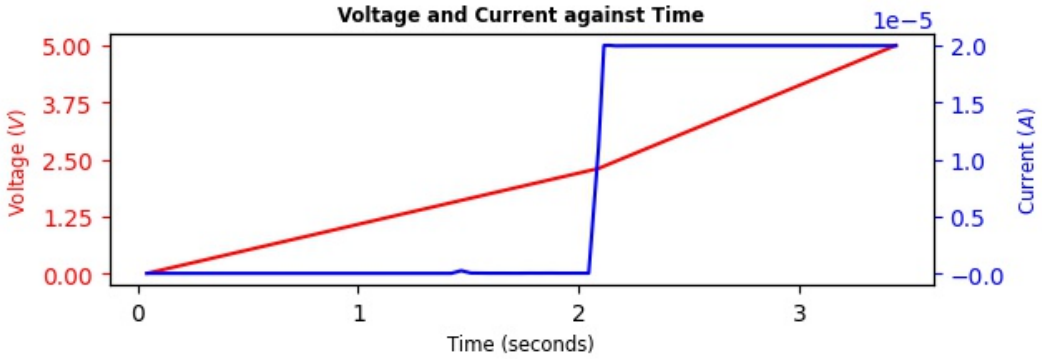
Platinum Voltage =

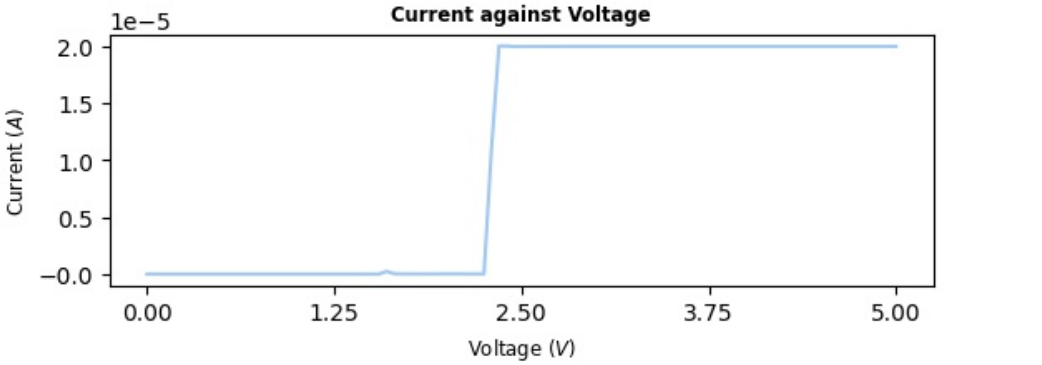
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

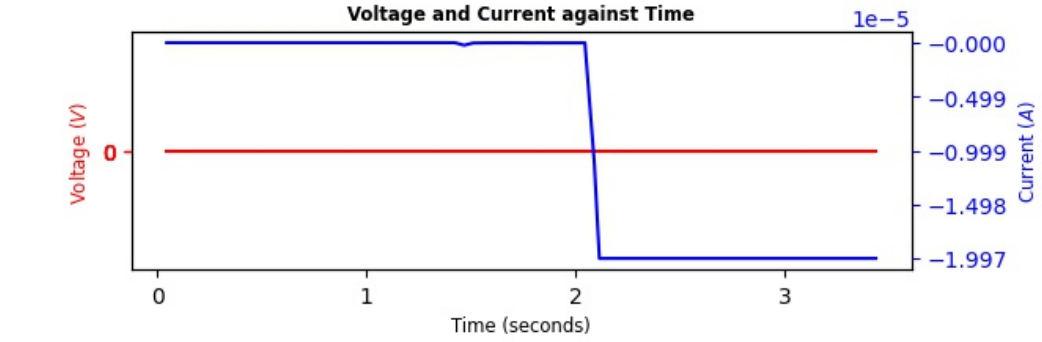
Comments = Form* at 2.3 V. Too flimsy and reset after due to bad probe connection

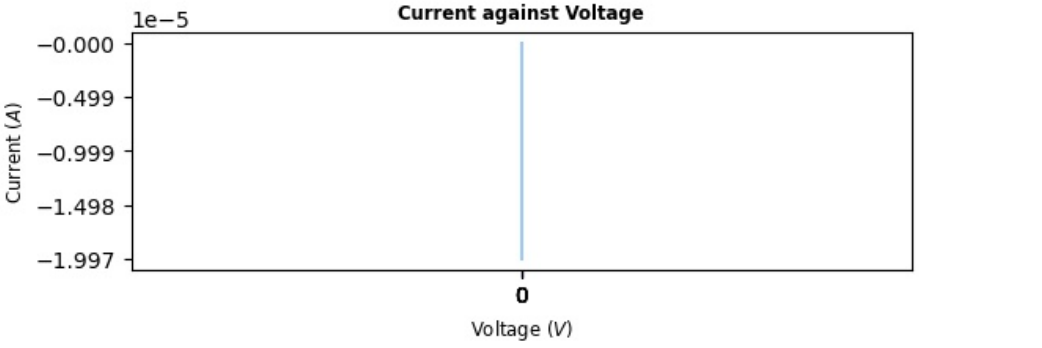
Probe A plots





Probe B plots





Stimulated at 03:00:49PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

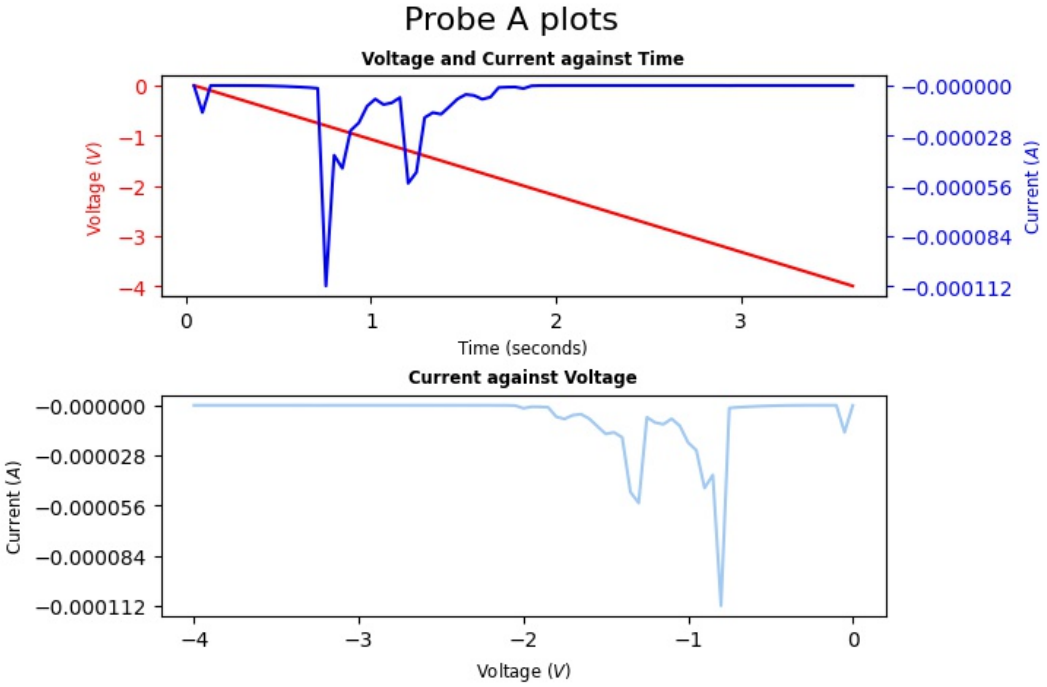
Compliance Current = 5.0mA

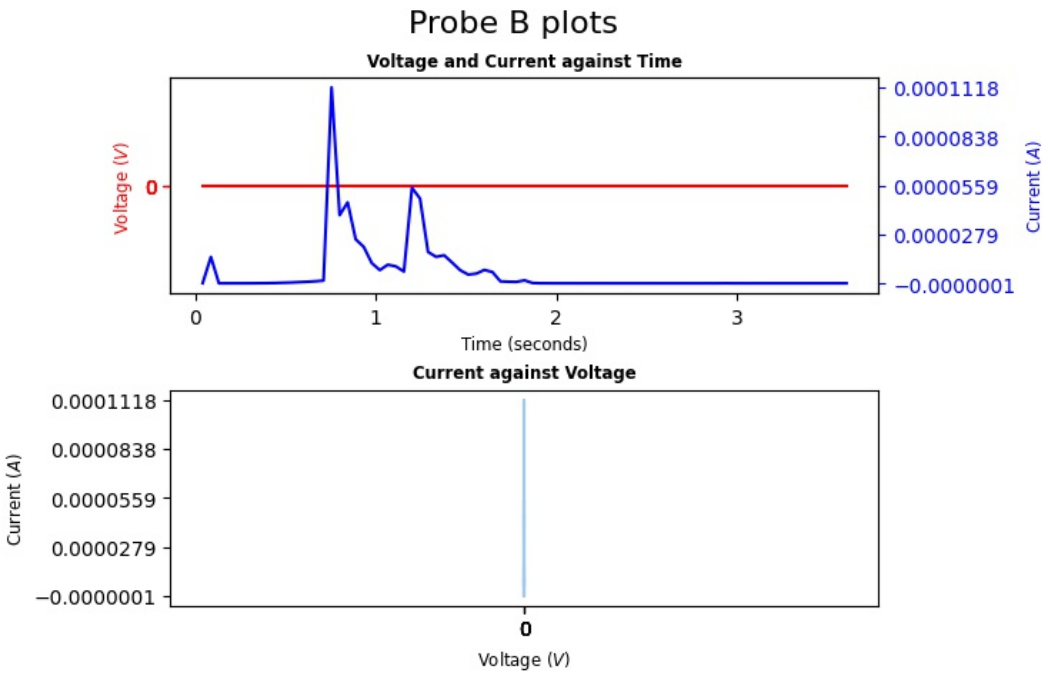
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Wild reset graph. Probe connection issues





Stimulated at 03:01:49PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

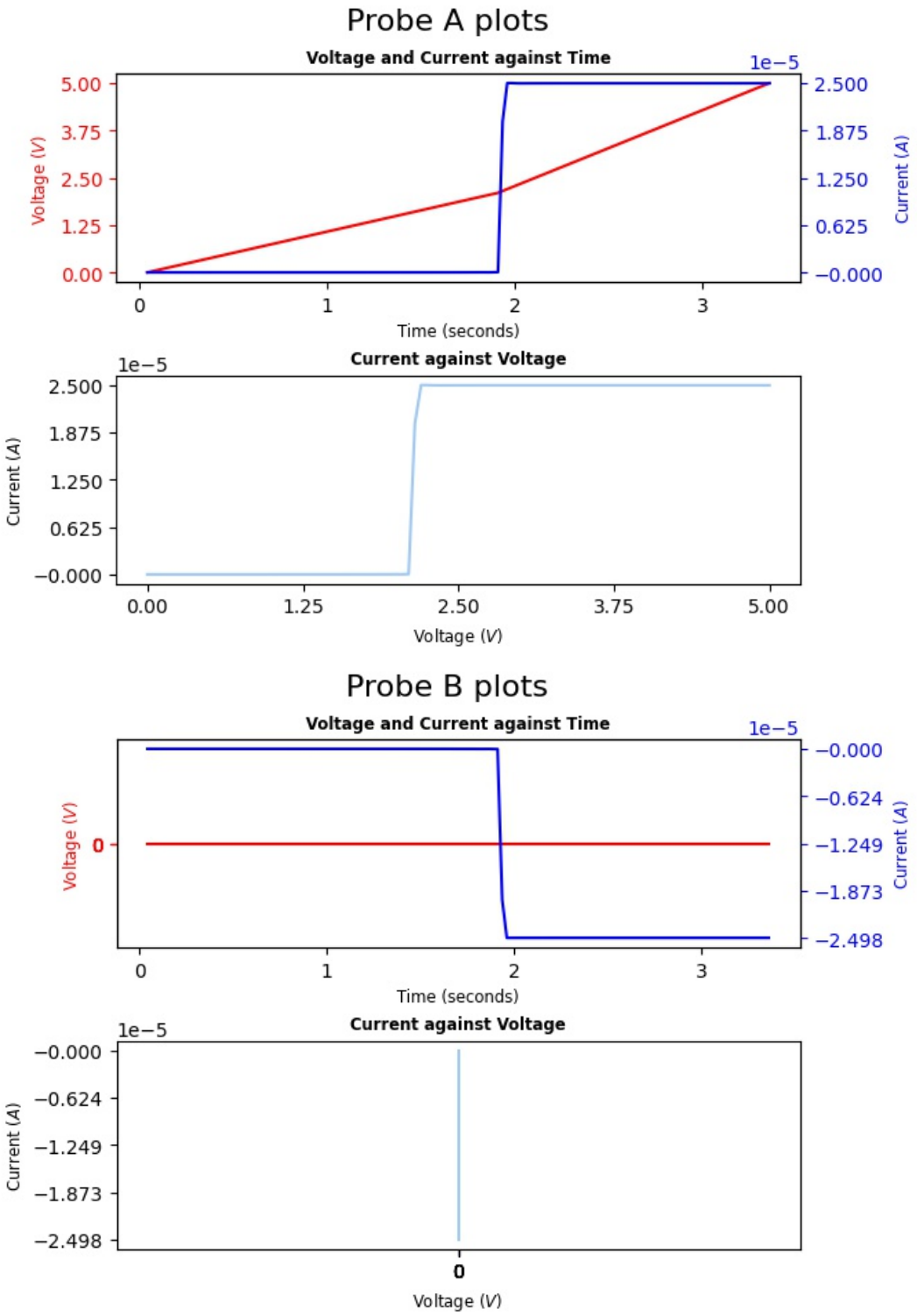
Compliance Current = 25.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Form* at 2.2 V. Too flimsy and reset after due to bad probe connection



Stimulated at 03:02:52PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

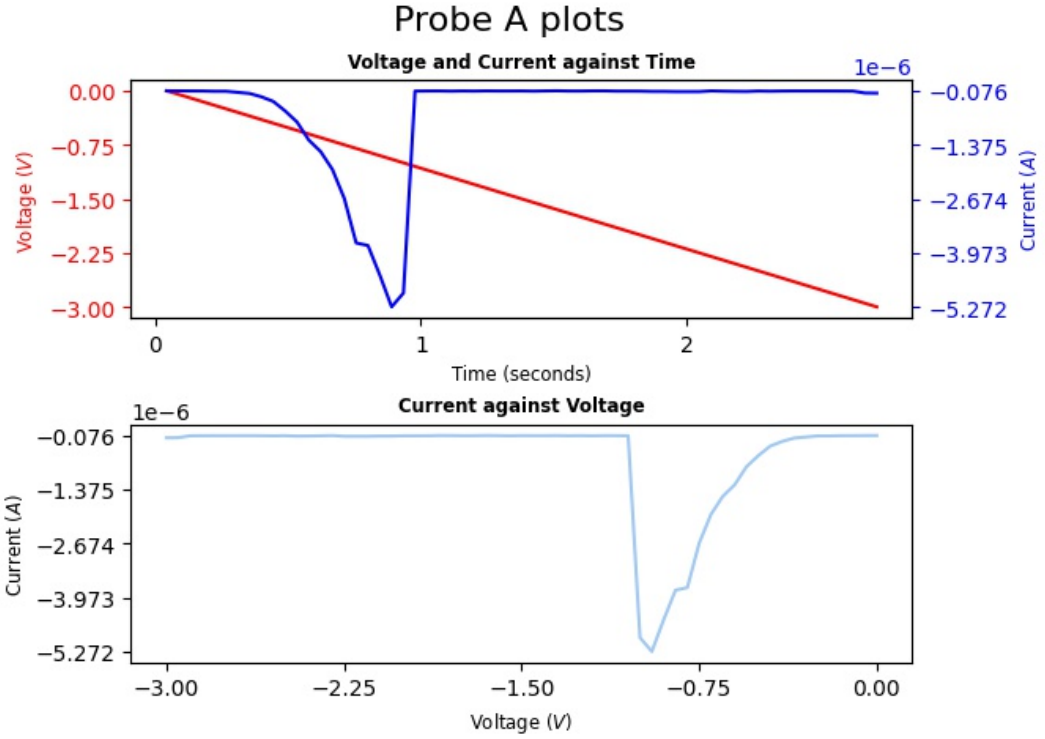
Compliance Current = 5.0mA

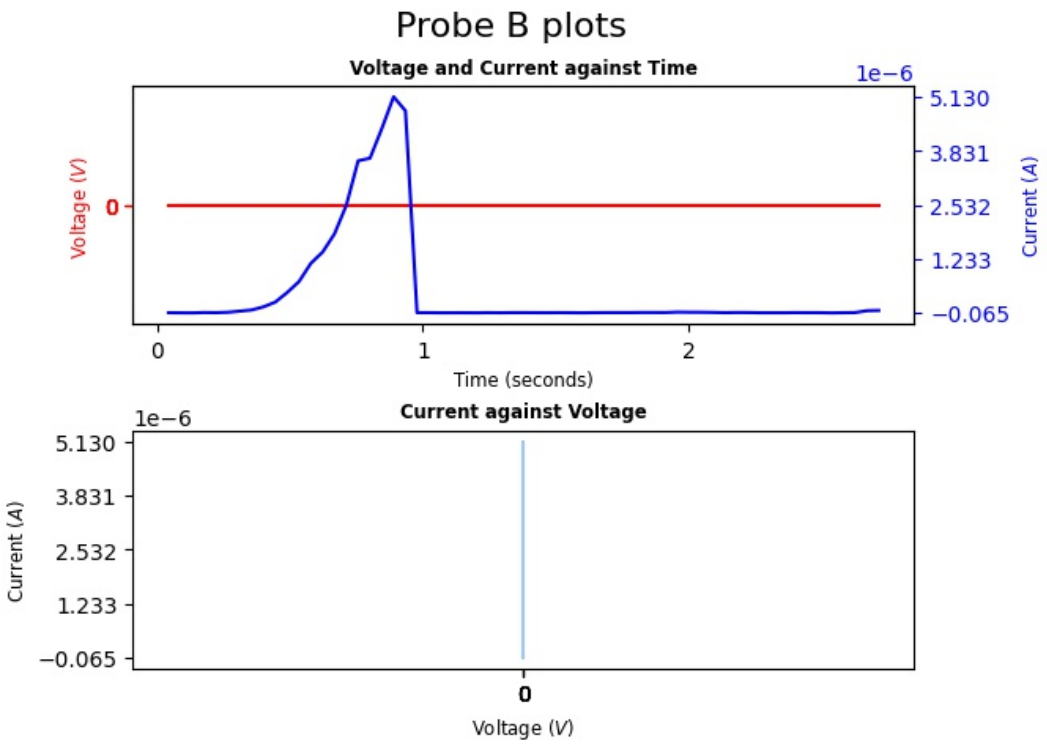
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset at -1.05 V, but had non-ohmic behavior leading up to reset





Stimulated at 03:03:52PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

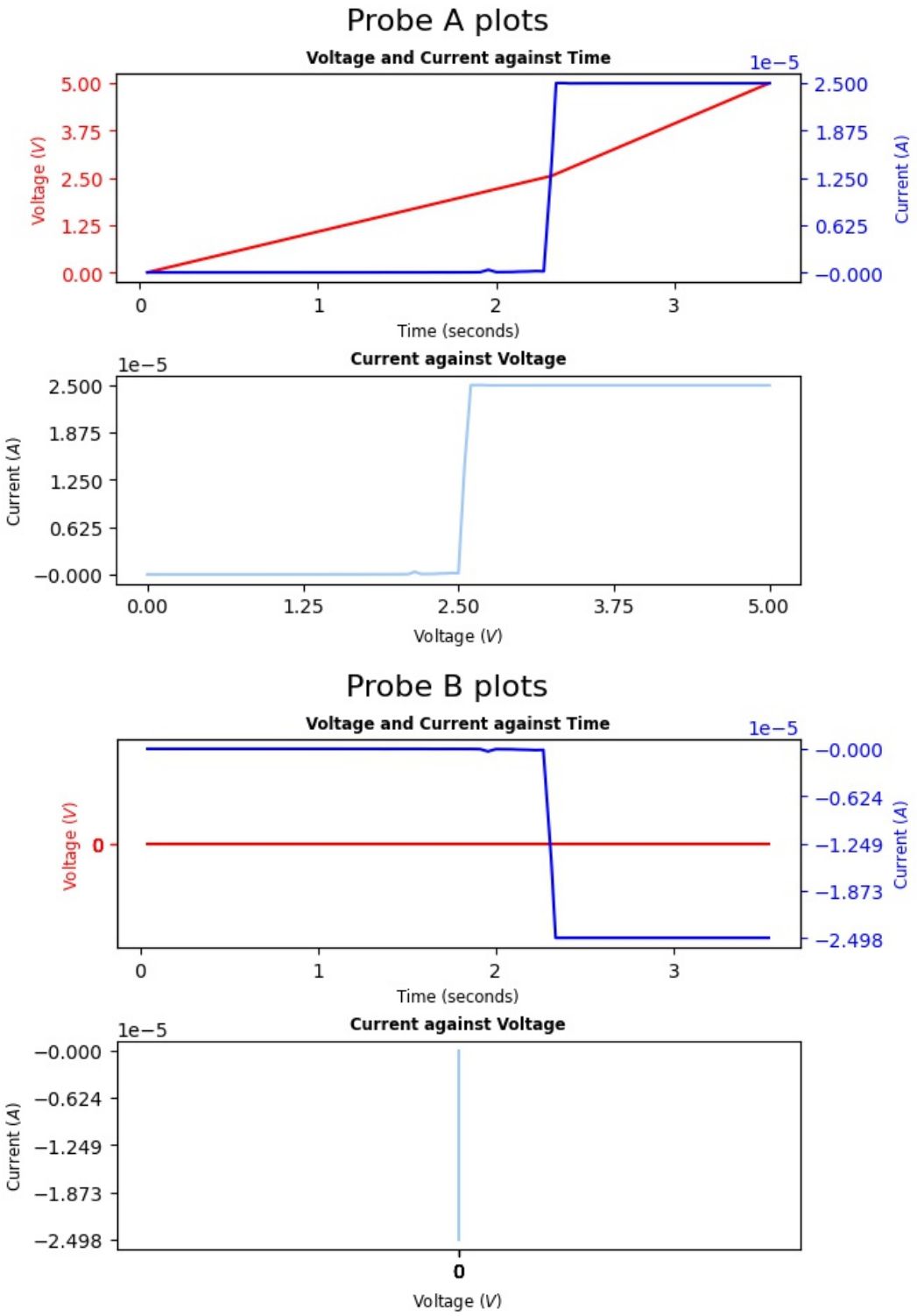
Compliance Current = 25.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Form* at 2.6 V. Too flimsy and reset after due to bad probe connection



Stimulated at 03:04:57PM on 2022/March/01

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>

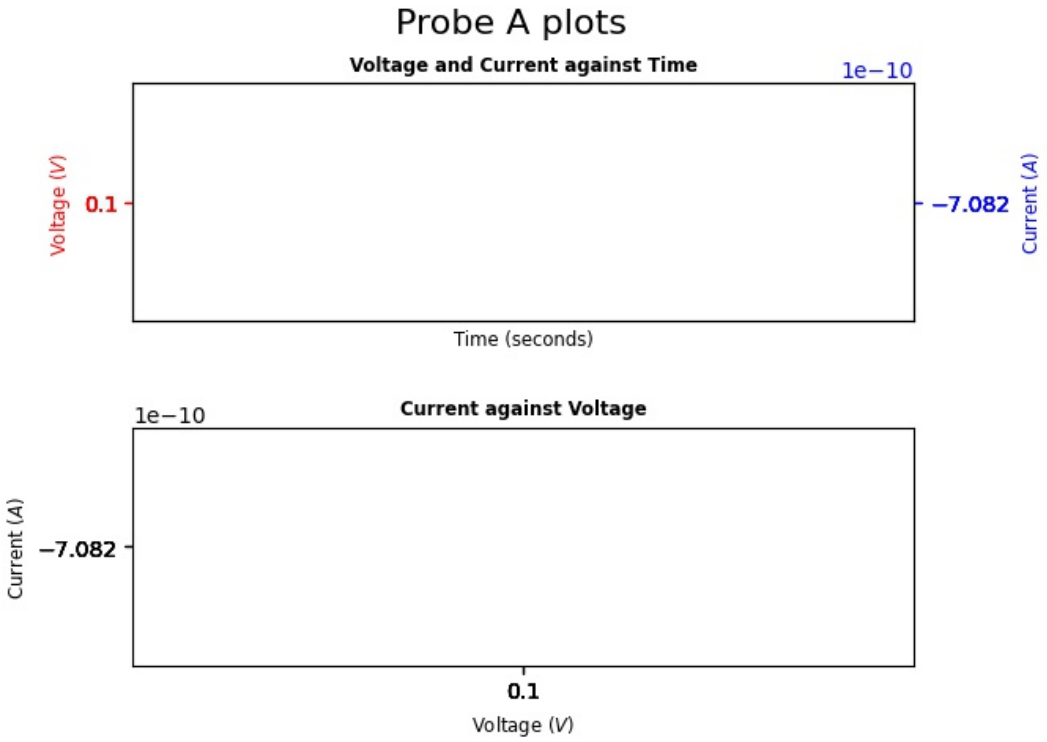
Compliance Current = 25.0uA

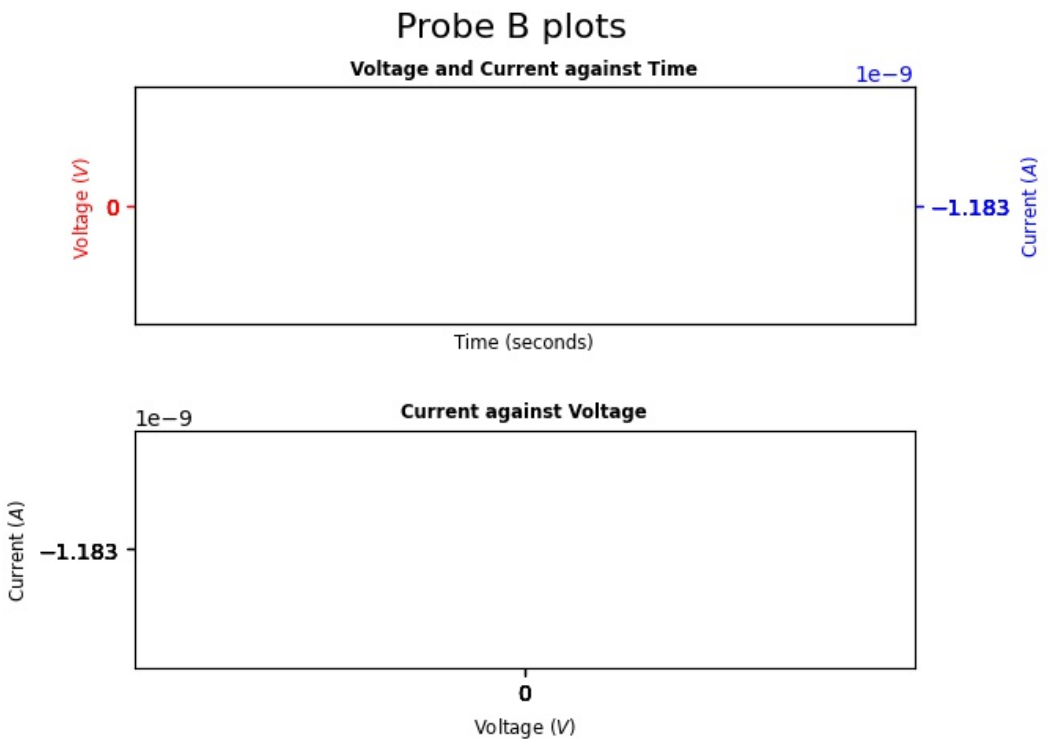
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: RESET





Stimulated at 03:06:05PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

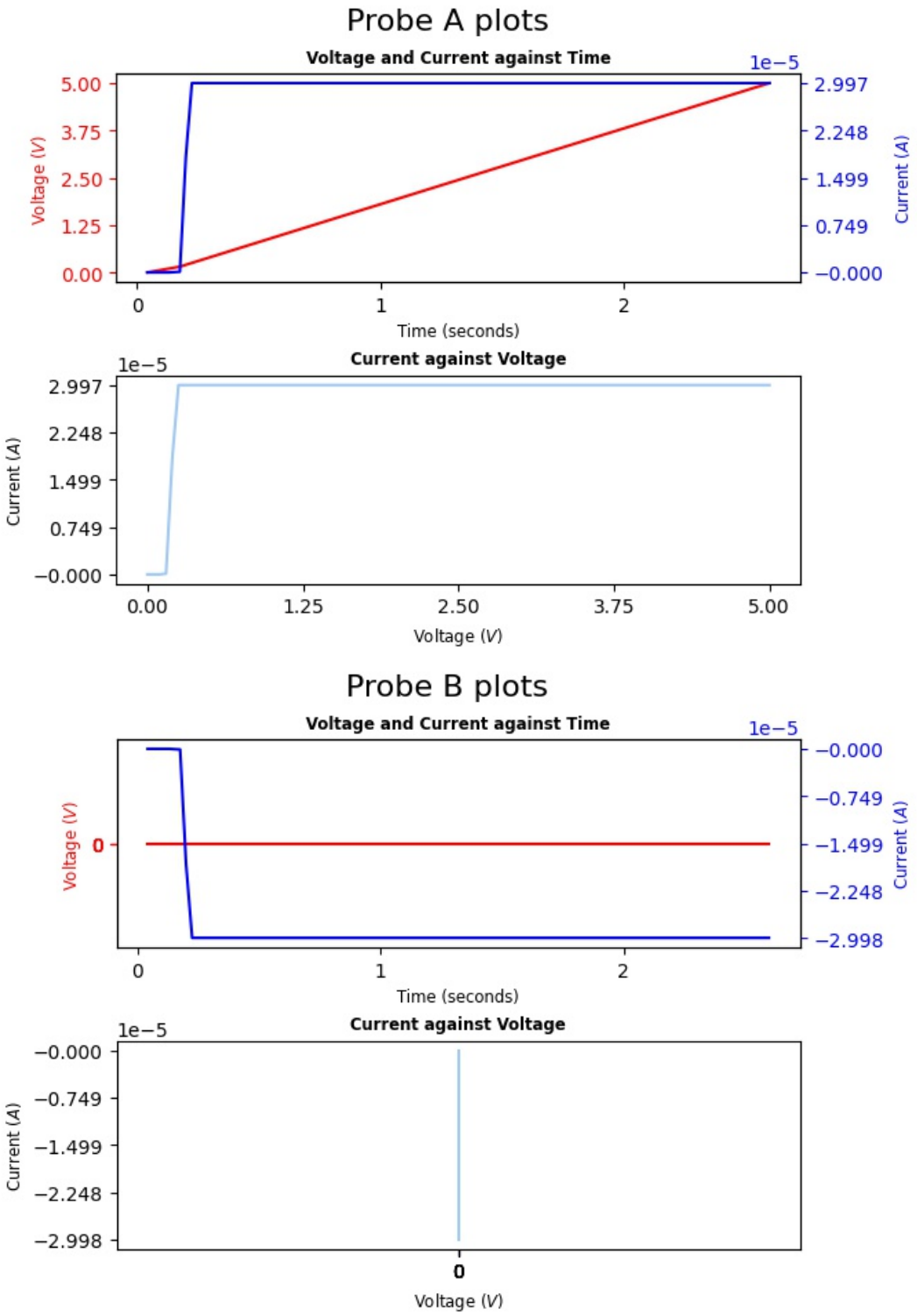
Compliance Current = 30.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Form* at 0.25 V, very early



Stimulated at 03:06:46PM on 2022/March/01

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>

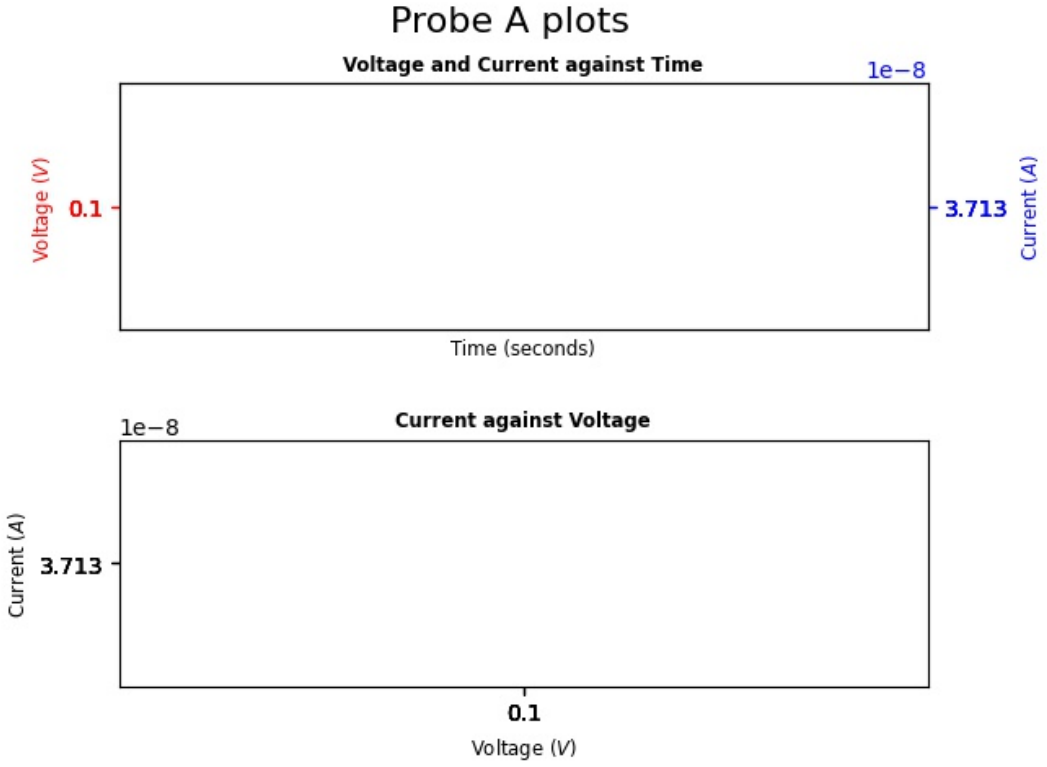
Compliance Current = 30.0uA

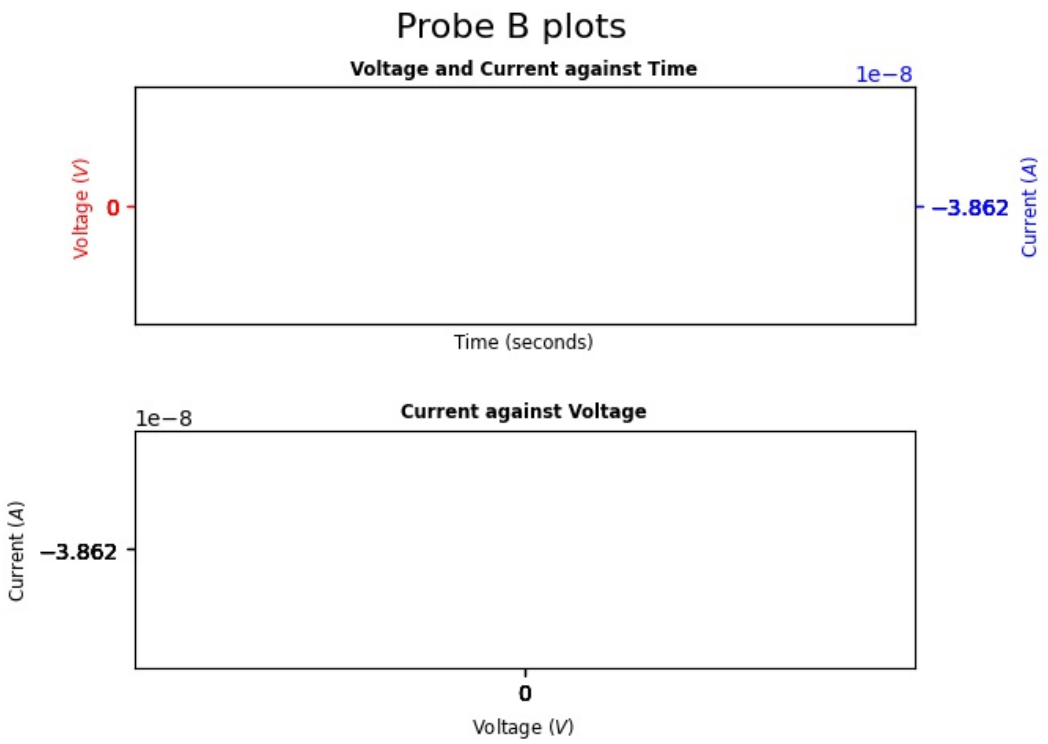
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: RESET





Stimulated at 03:10:31PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

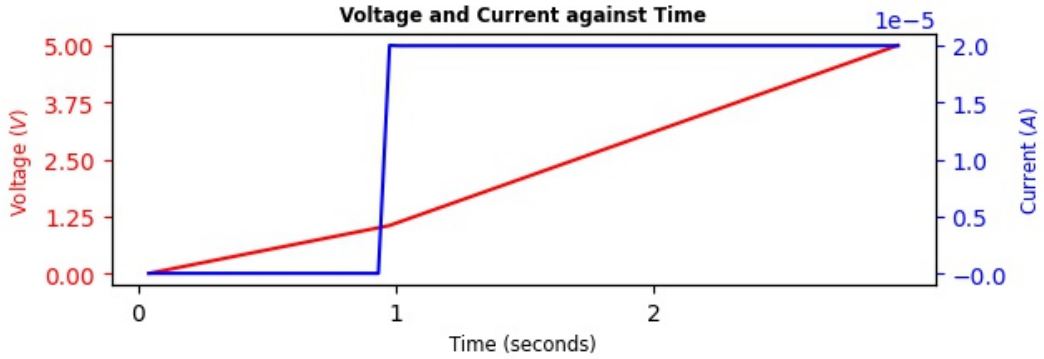
Platinum Voltage =

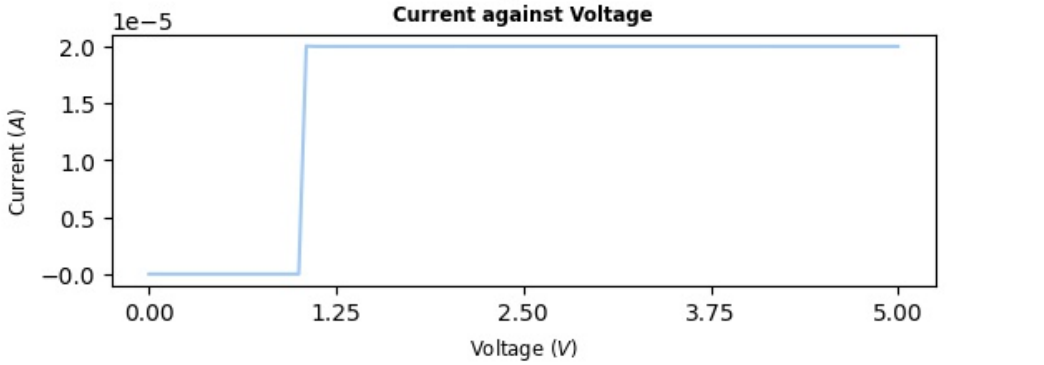
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

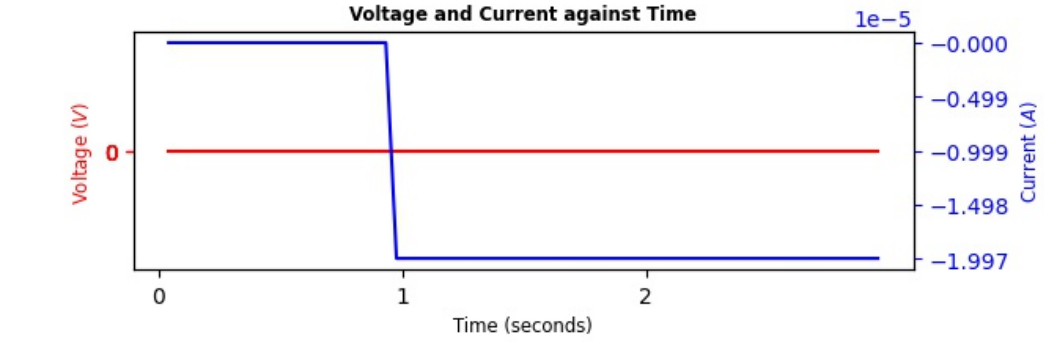
Comments = Form at 1.05 V after replacing probes

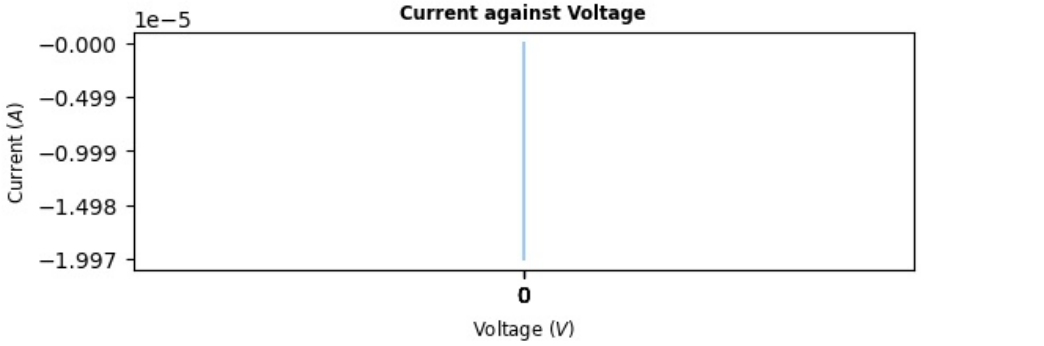
Probe A plots





Probe B plots





Stimulated at 03:11:11PM on 2022/March/01

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>

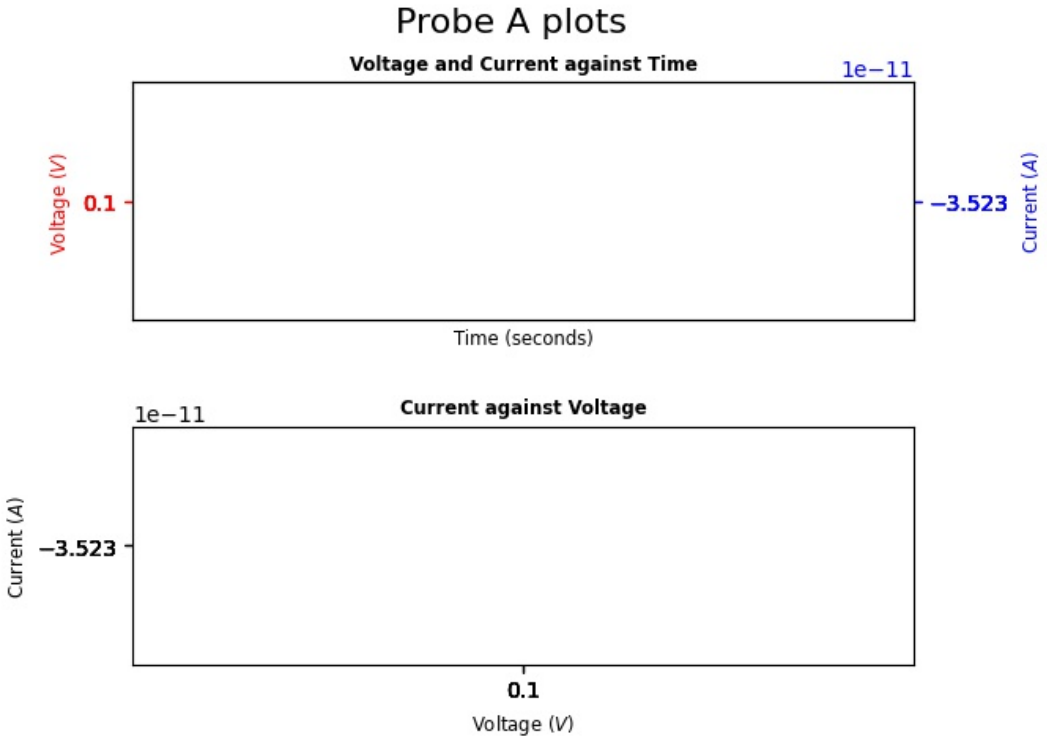
Compliance Current = 30.0uA

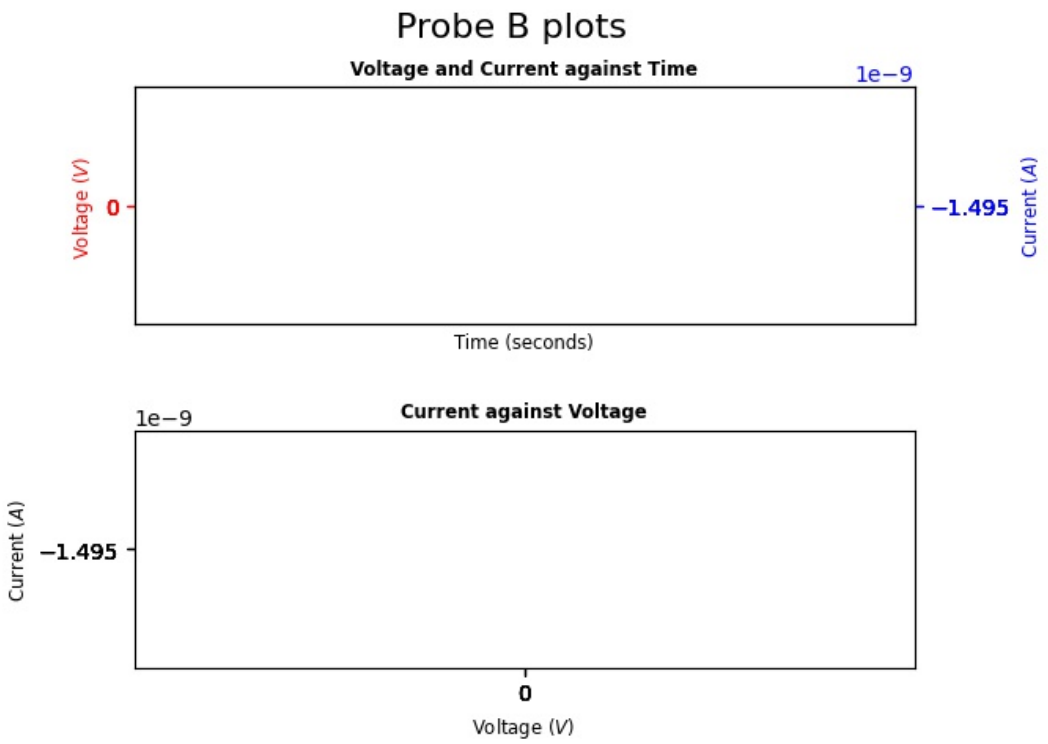
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: RESET





Stimulated at 03:12:21PM on 2022/March/01

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

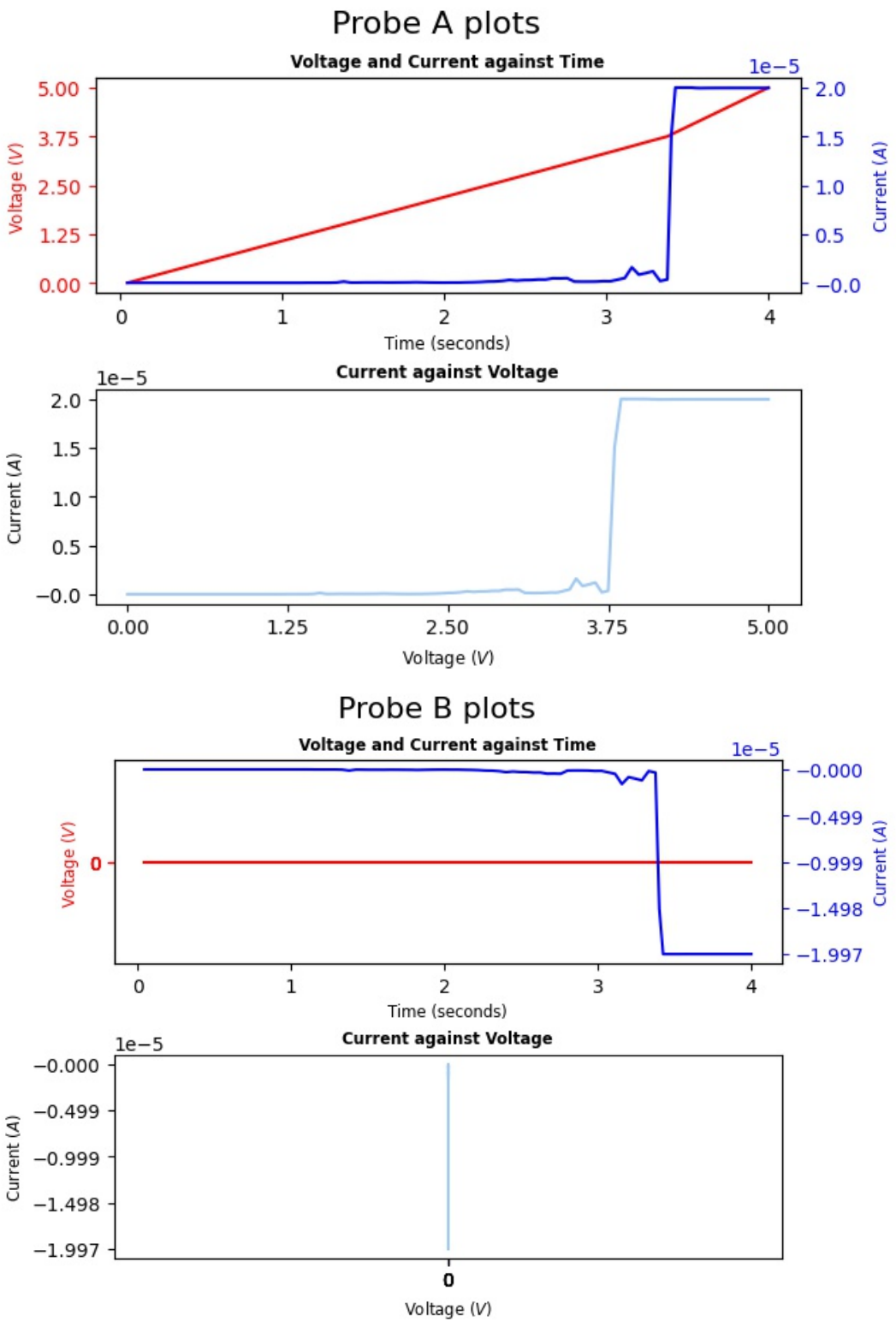
Compliance Current = 20.0uA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Form* at 3.85 V



Stimulated at 03:12:57PM on 2022/March/01

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>

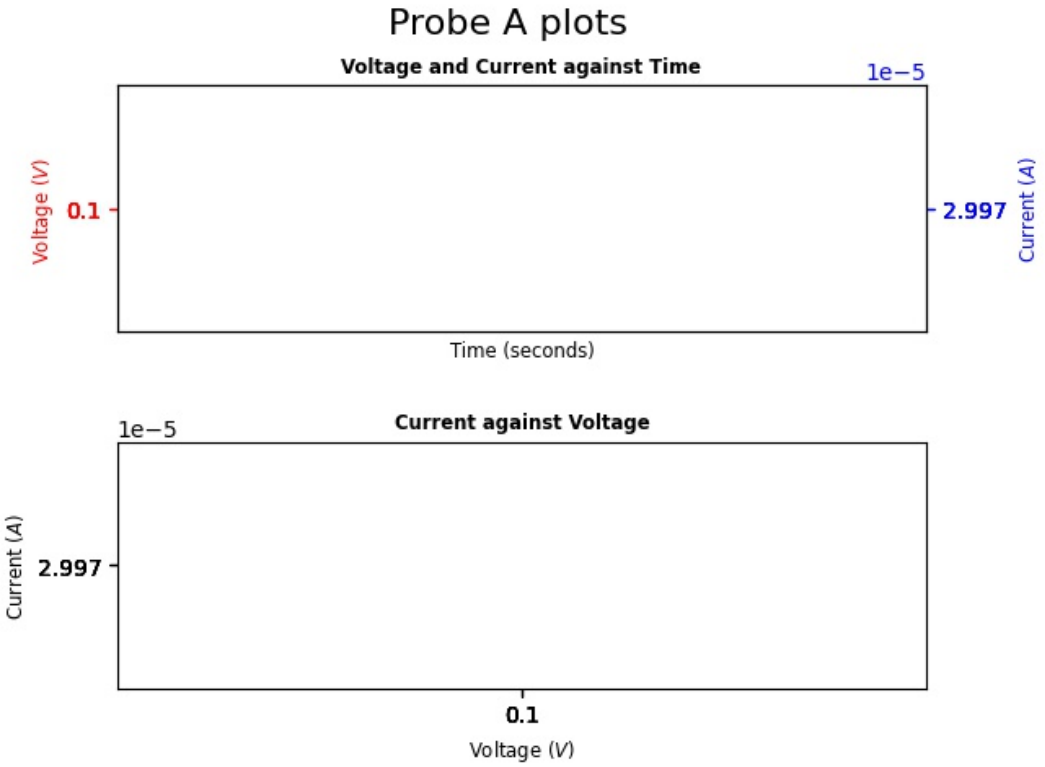
Compliance Current = 30.0uA

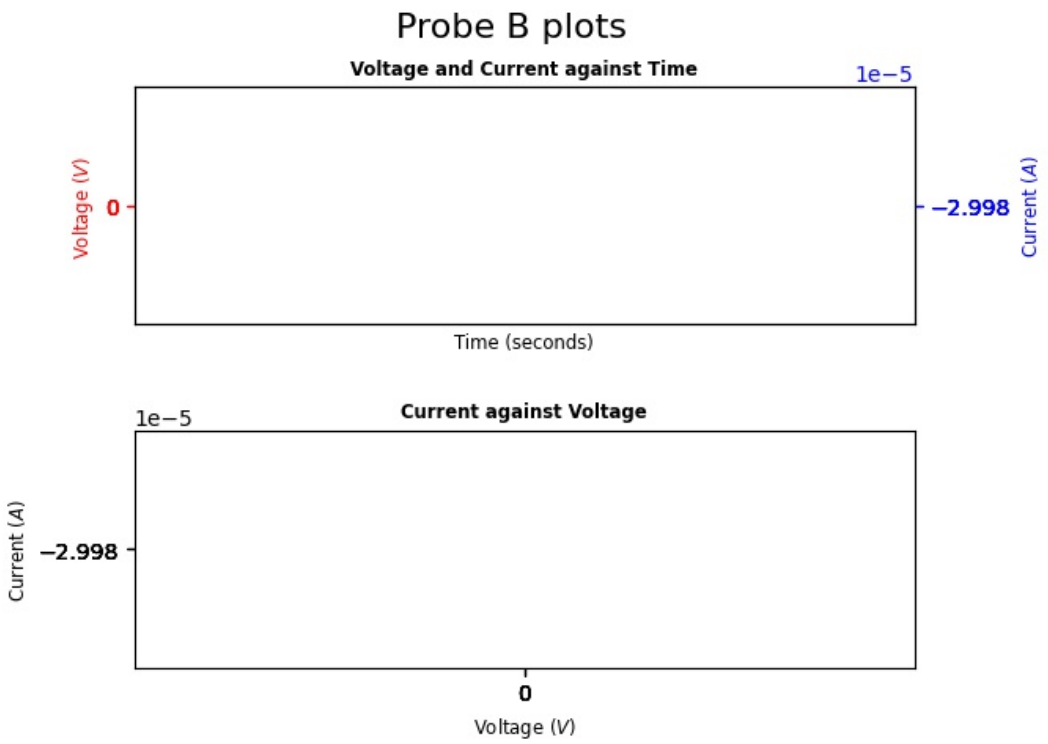
Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: SET





Stimulated at 03:15:33PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

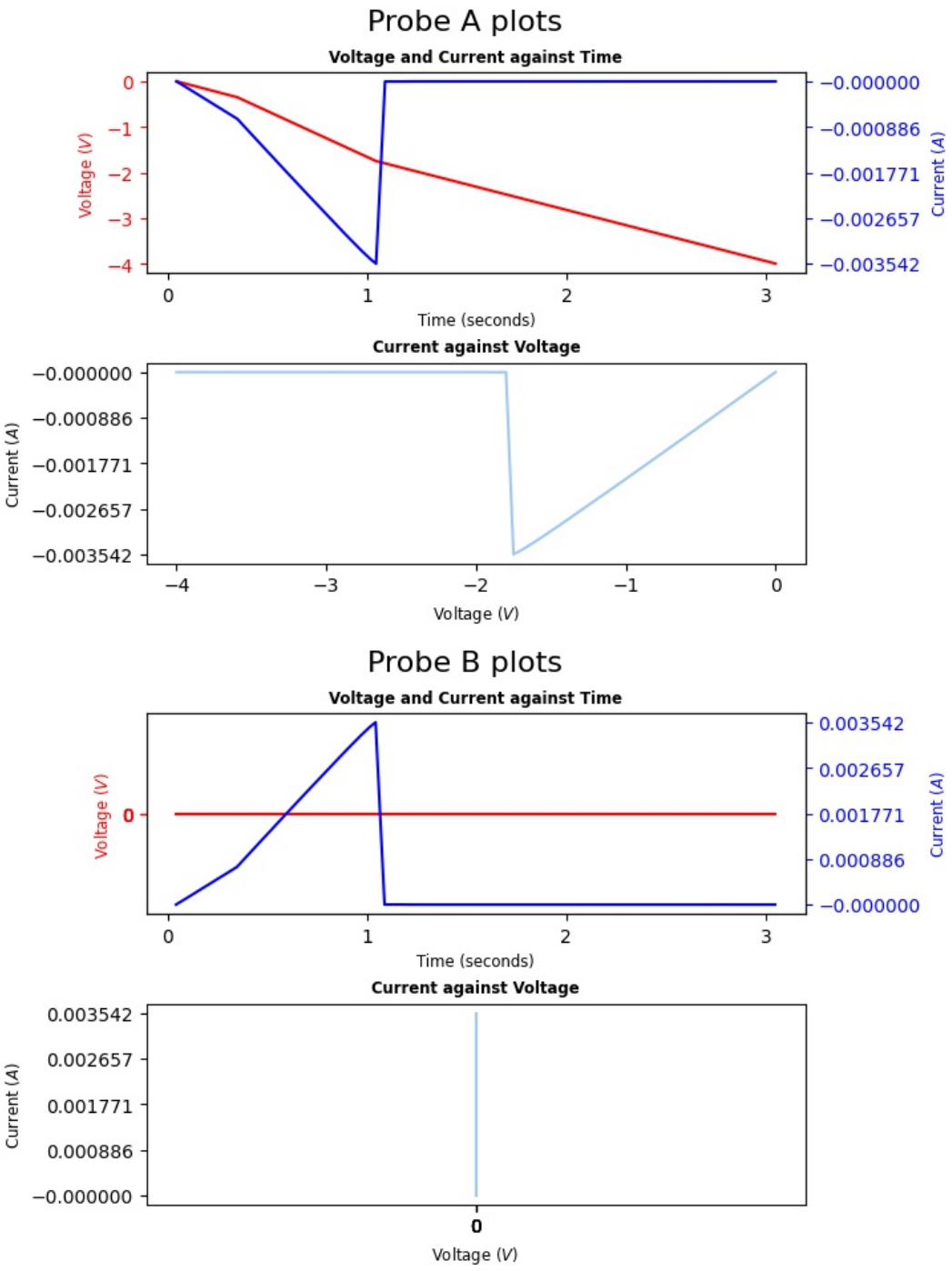
Compliance Current = 5.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset at -1.8 V



Stimulated at 03:18:00PM on 2022/March/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

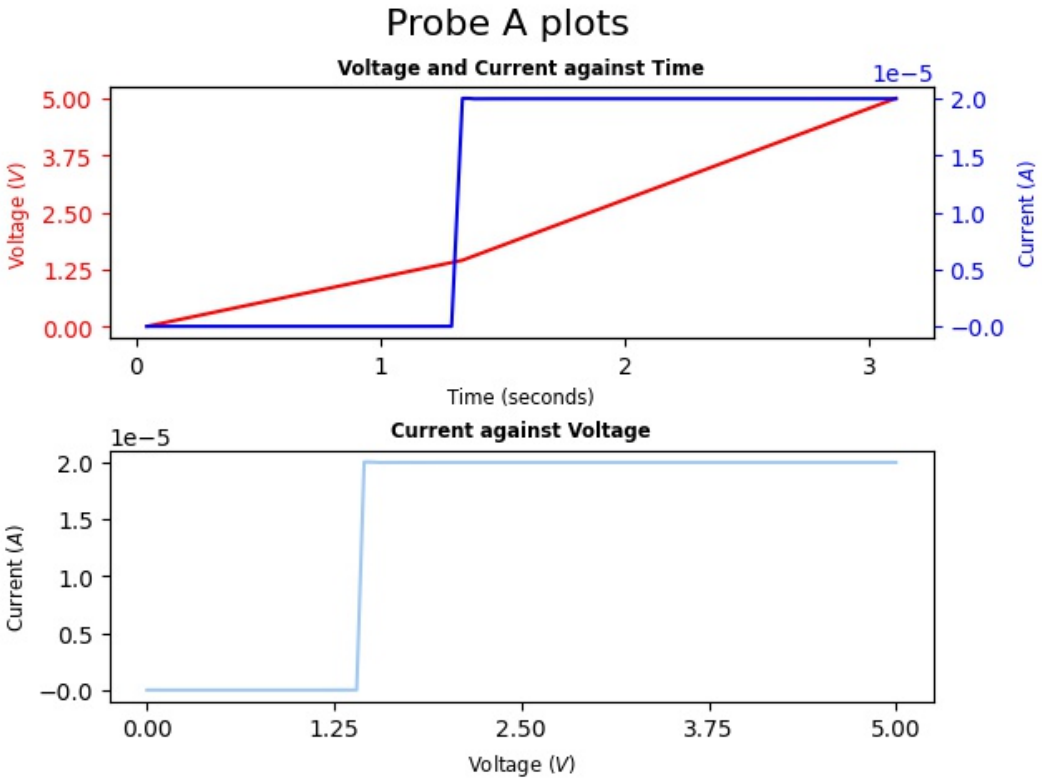
Compliance Current = 20.0uA

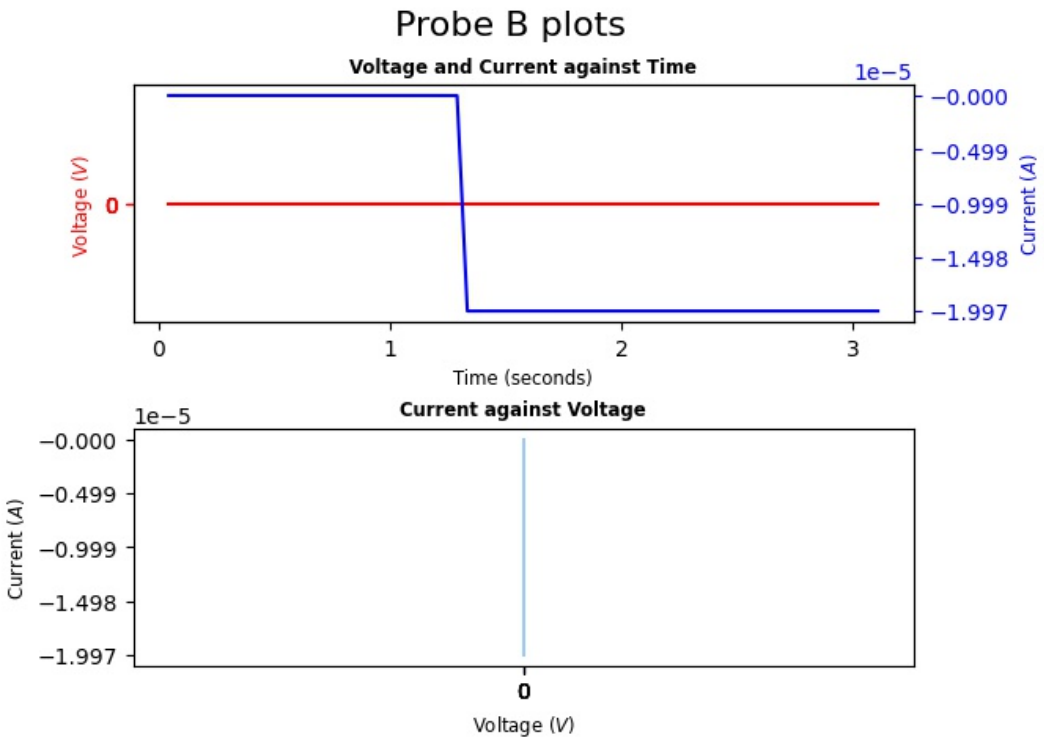
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 1.45 V





Stimulated at 03:18:44PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

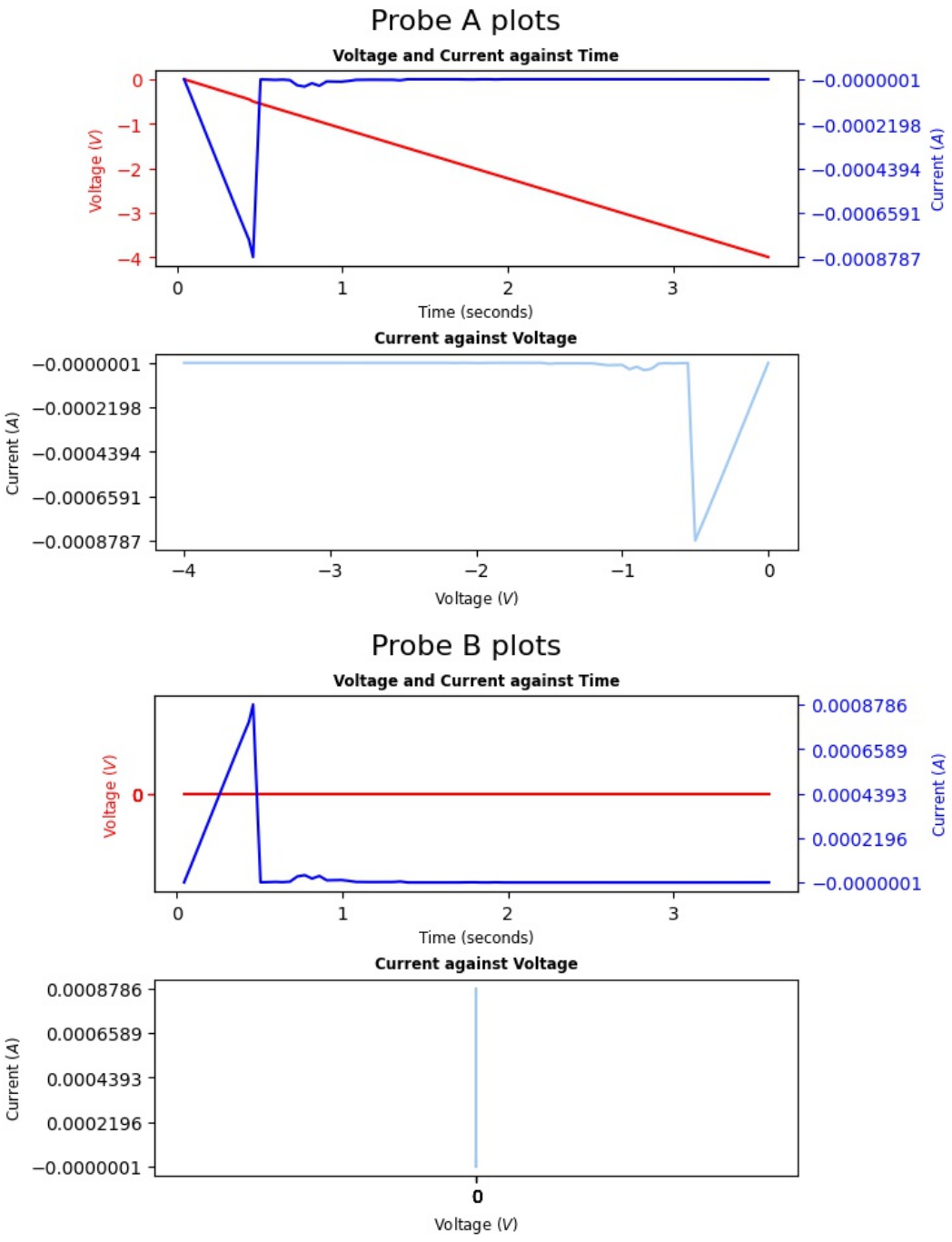
Compliance Current = 5.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset at -0.55 V



Stimulated at 03:20:00PM on 2022/March/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

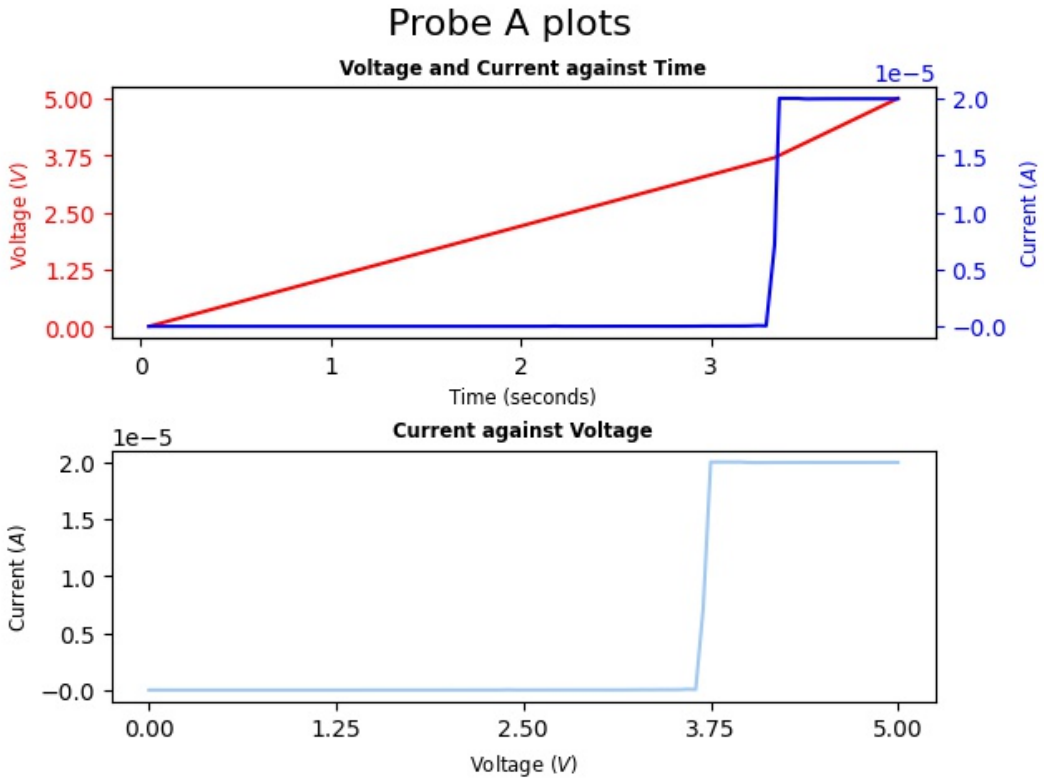
Compliance Current = 20.0uA

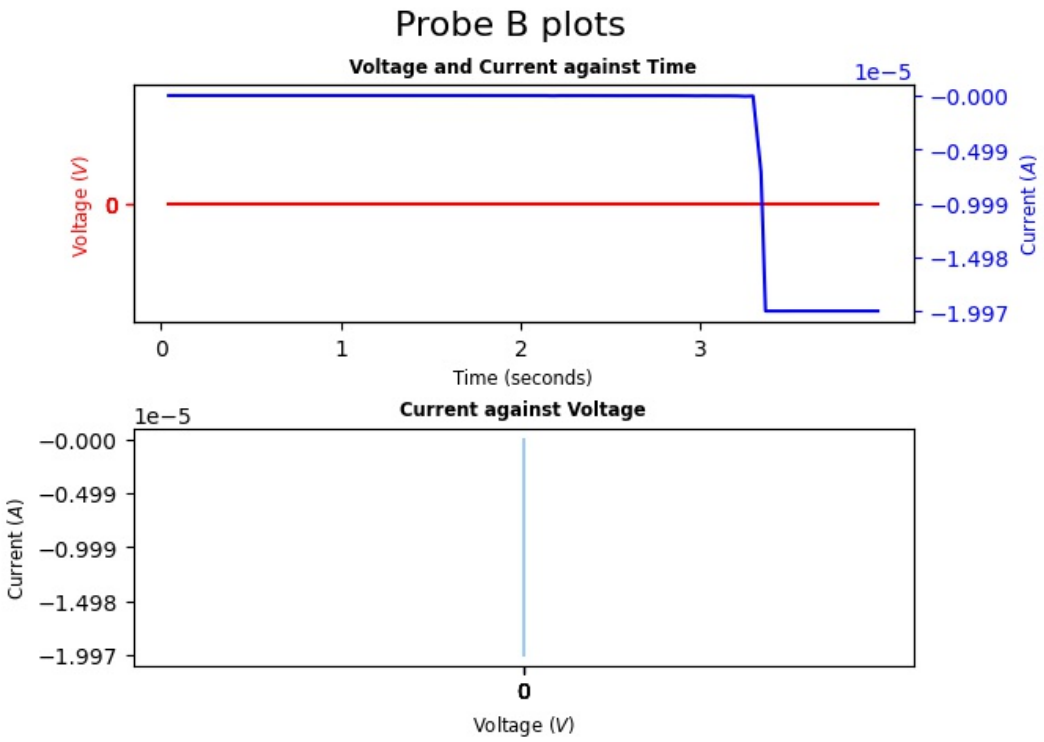
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.7 V





Stimulated at 03:20:44PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

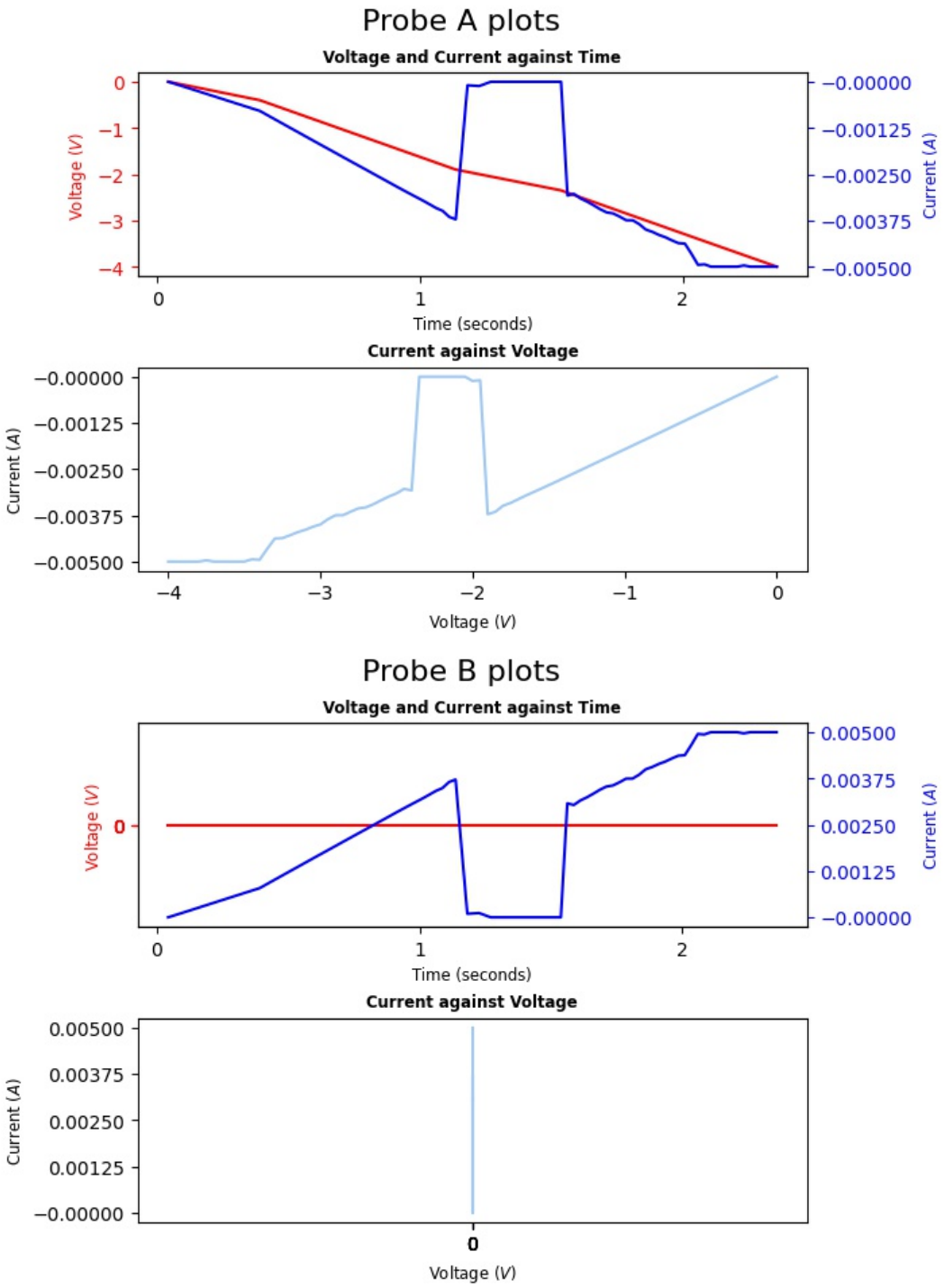
Compliance Current = 5.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset



Stimulated at 03:21:22PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

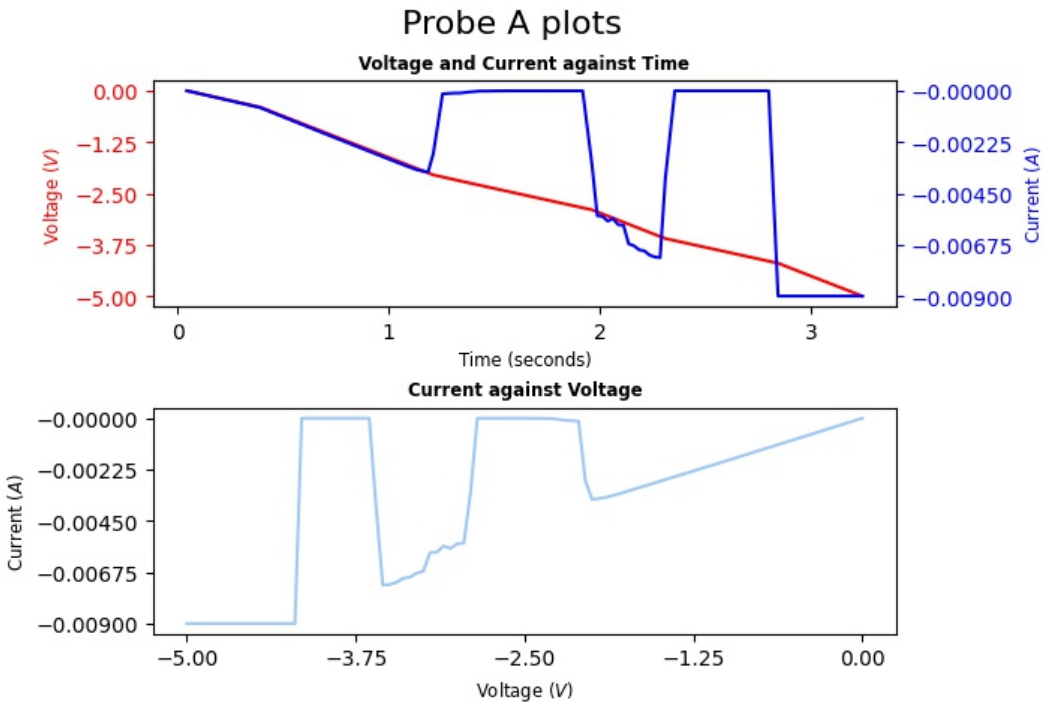
Compliance Current = 9.0mA

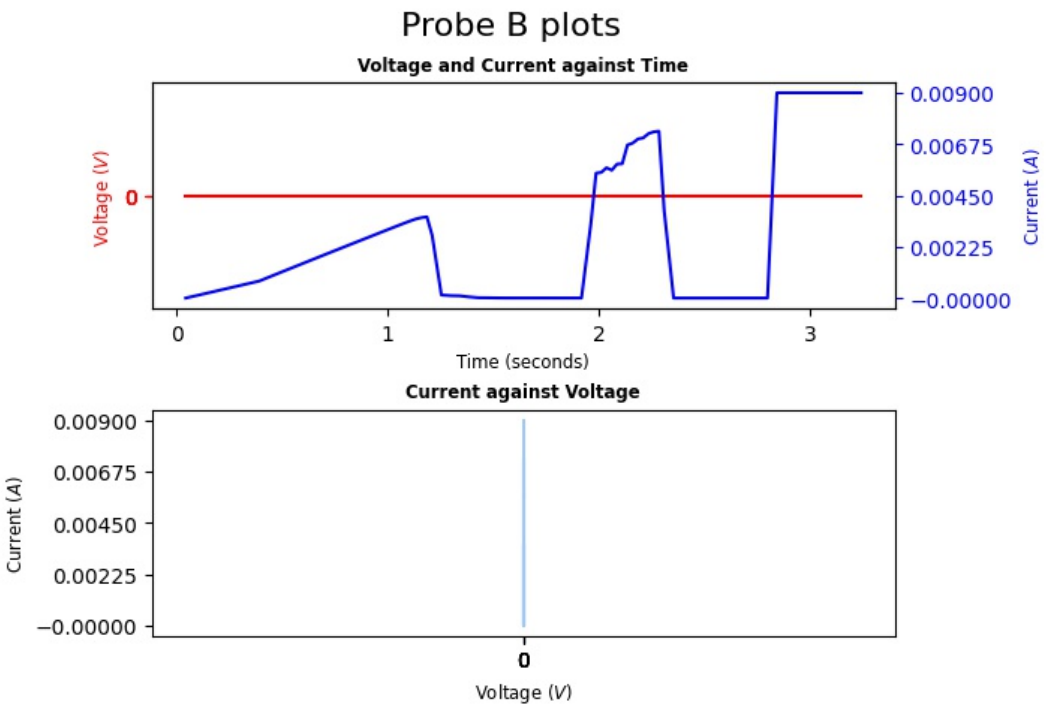
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset





Stimulated at 03:21:59PM on 2022/March/01

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>

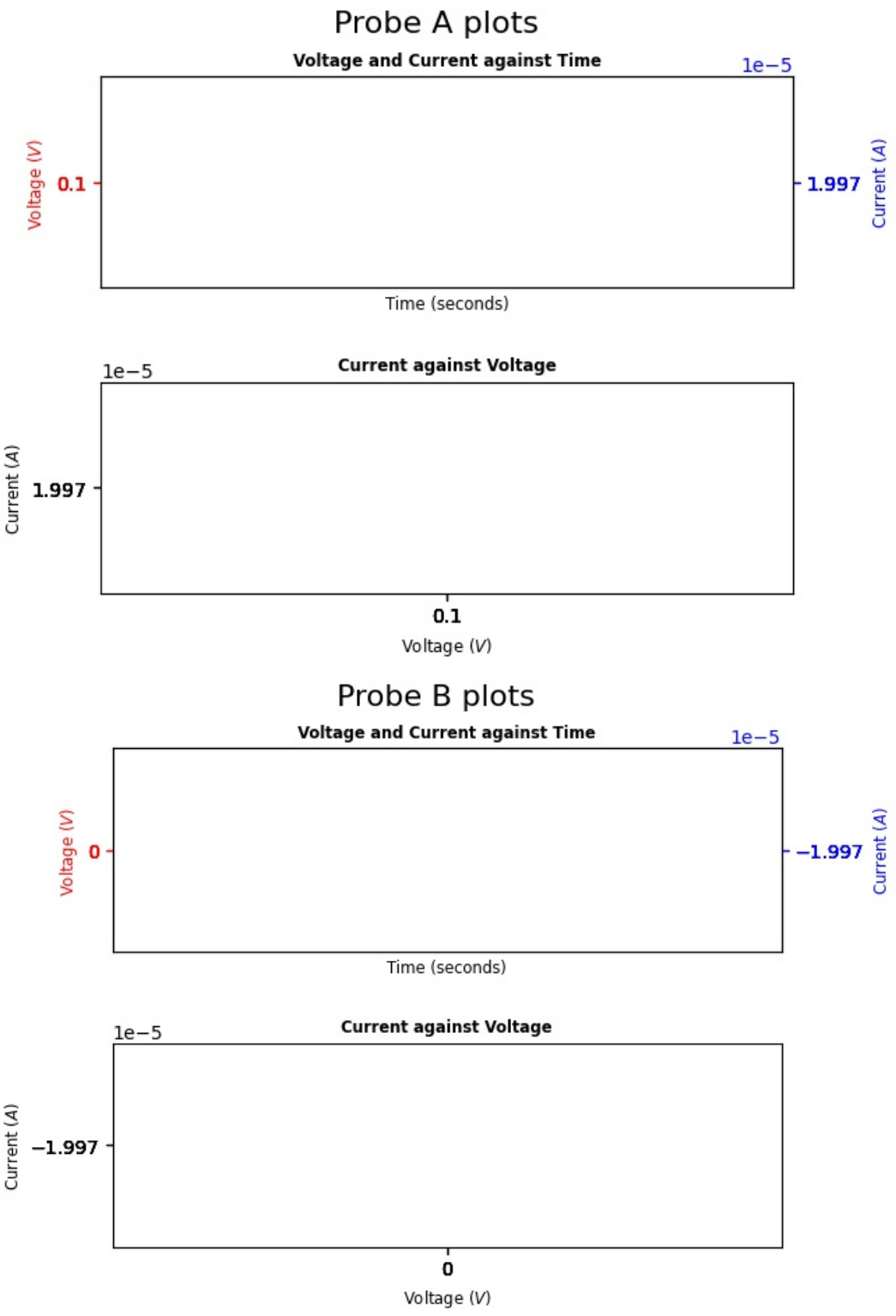
Compliance Current = 20.0uA

Platinum Voltage = 0V

Copper Voltage = 0.1V

Run Folder Name = <2 probe, so invalid>

Comments = State: SET



Stimulated at 03:22:34PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

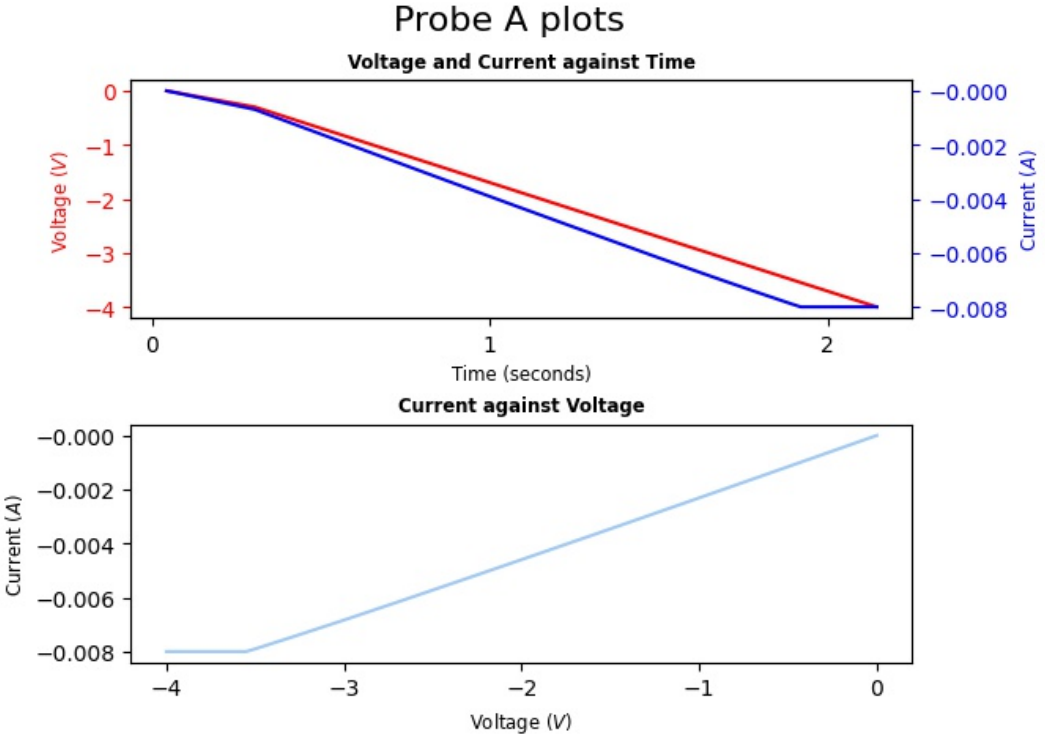
Compliance Current = 8.0mA

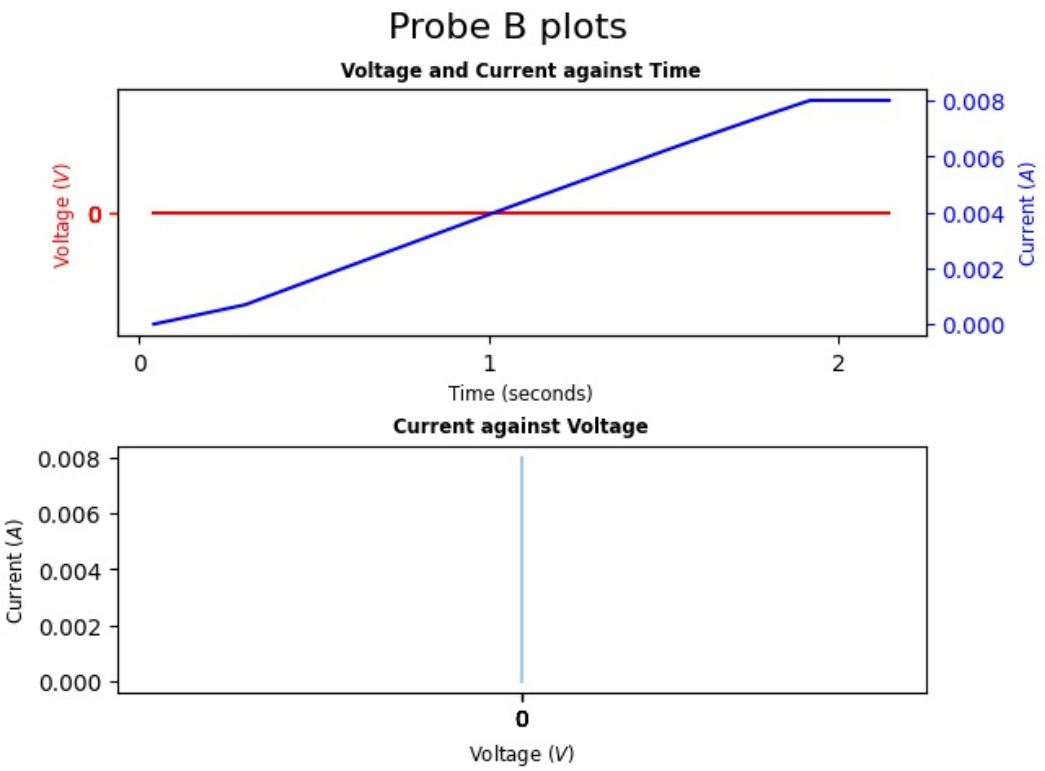
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset





Stimulated at 03:24:39PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

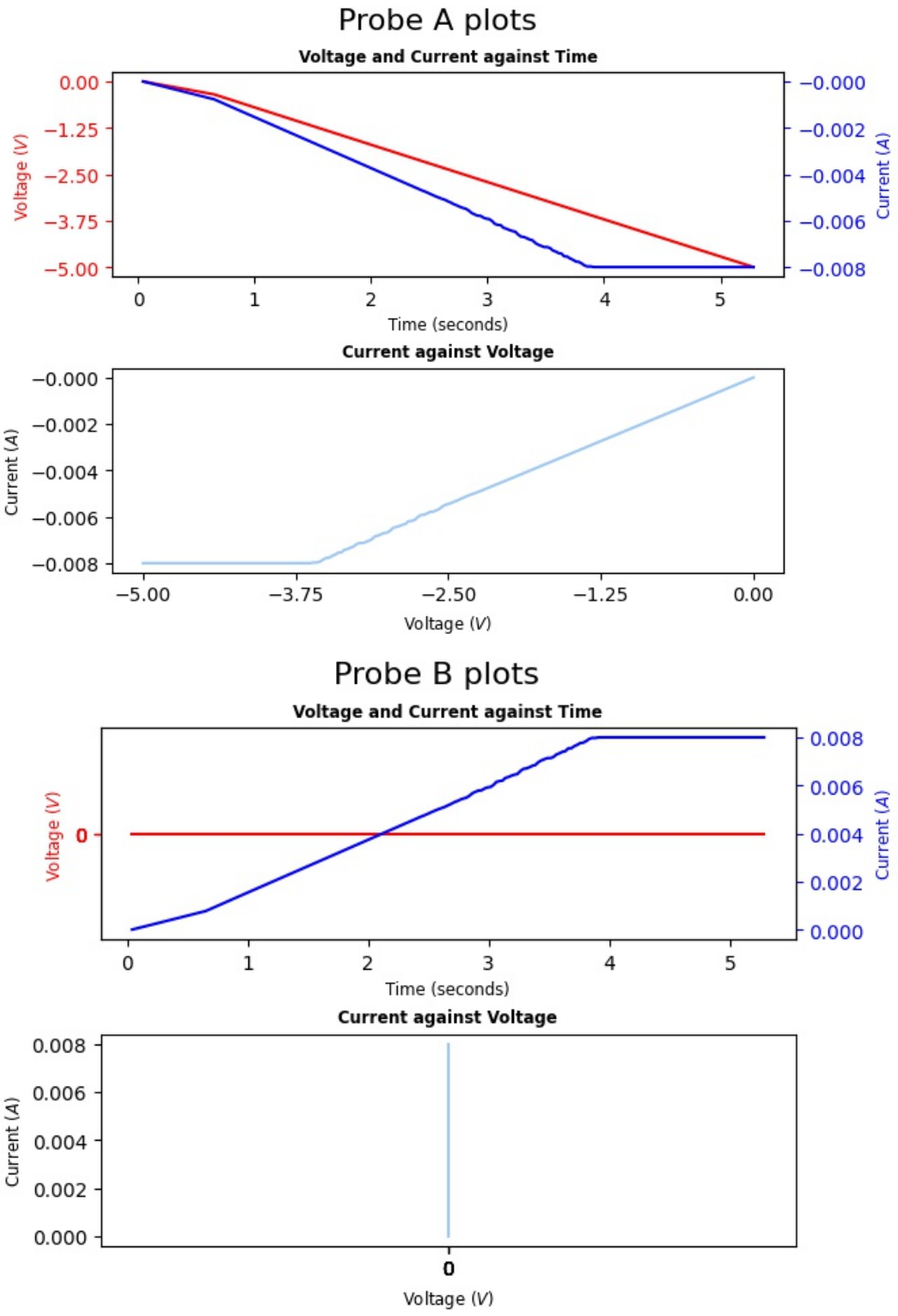
Compliance Current = 8.0mA

Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset. Amrita is determined this cell will reset



Stimulated at 03:25:42PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

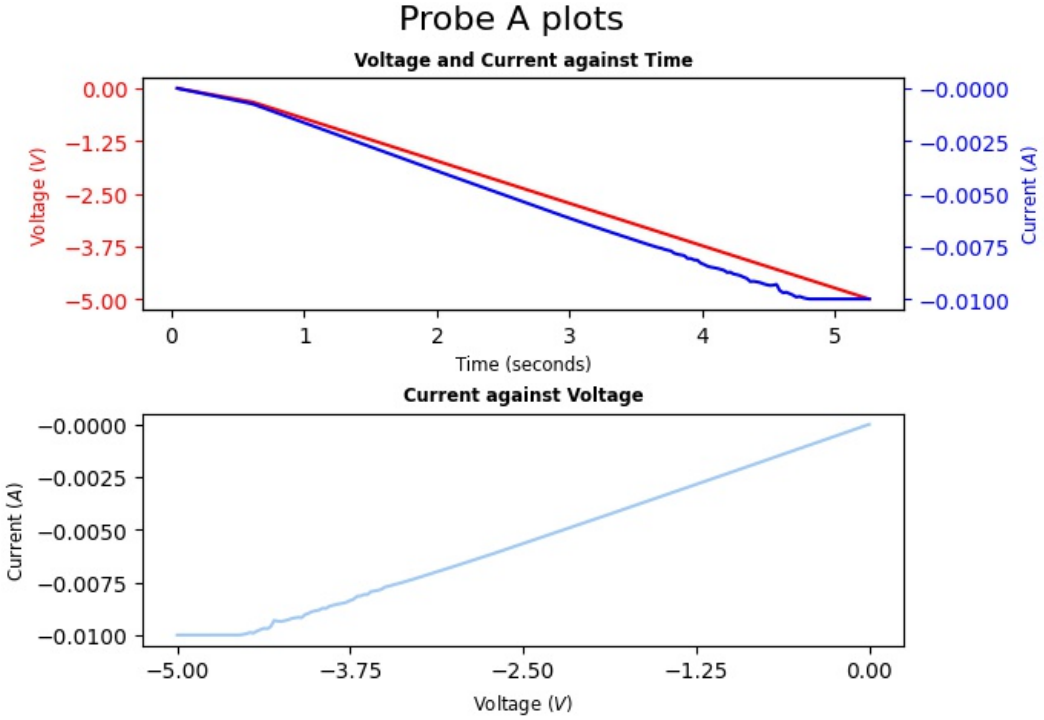
Compliance Current = 10.0mA

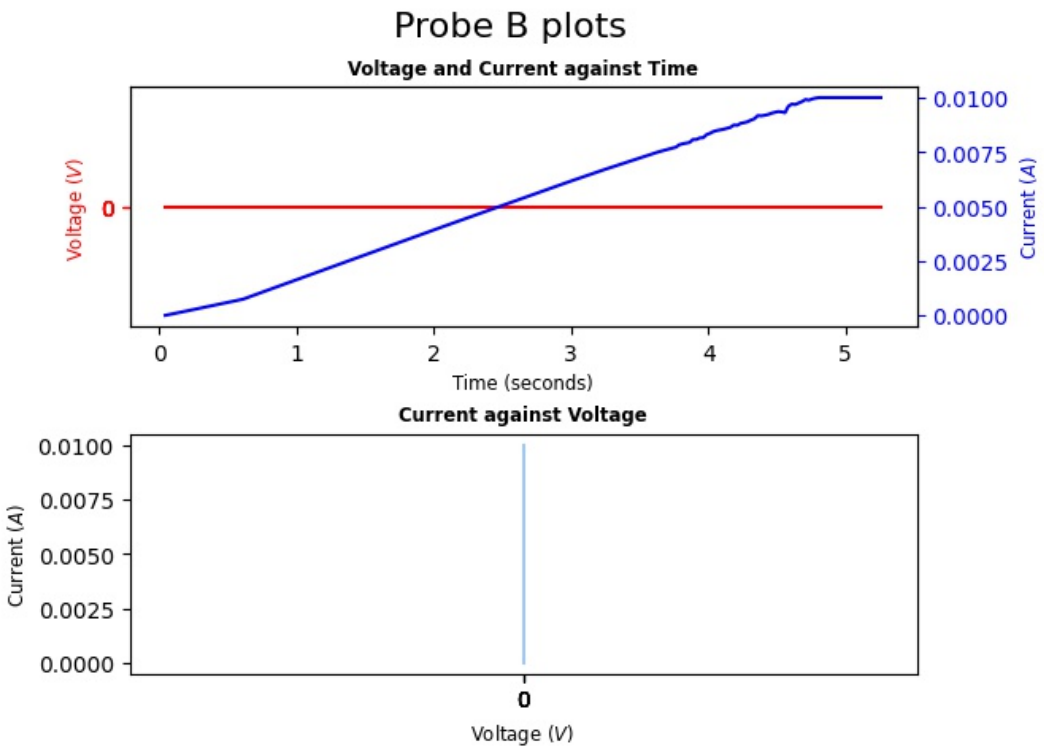
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset





Stimulated at 03:26:18PM on 2022/March/01

Activity = reset

Start Voltage = 0V

End Voltage = -6V

Ramp Rate = 1V/s

Compliance Current = 10.0mA

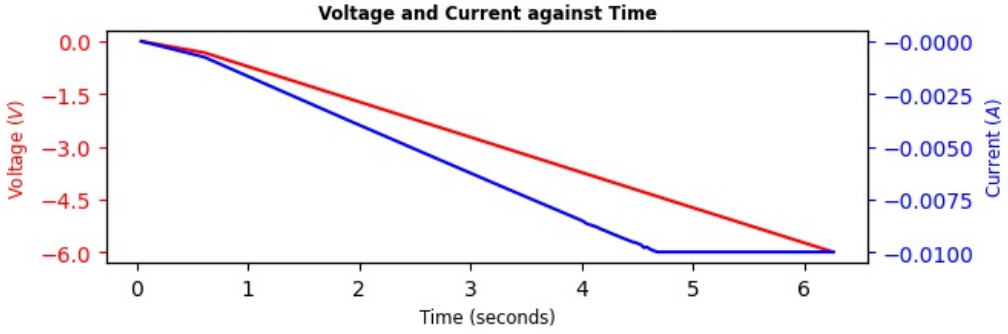
Platinum Voltage =

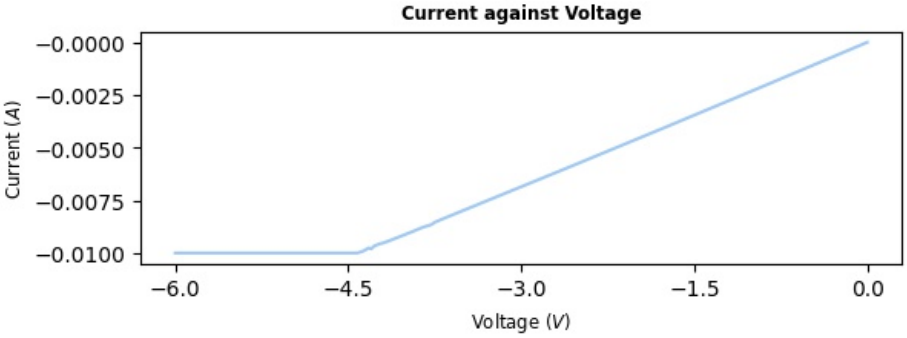
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Failed reset

Probe A plots





Probe B plots