

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

- Cell Size = 15um
- Number of Times Accessed = 6
- Last Stimulated = 2022/March/23 at 04:09:35PM

Stimulated at 04:01:03PM on 2022/March/23

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

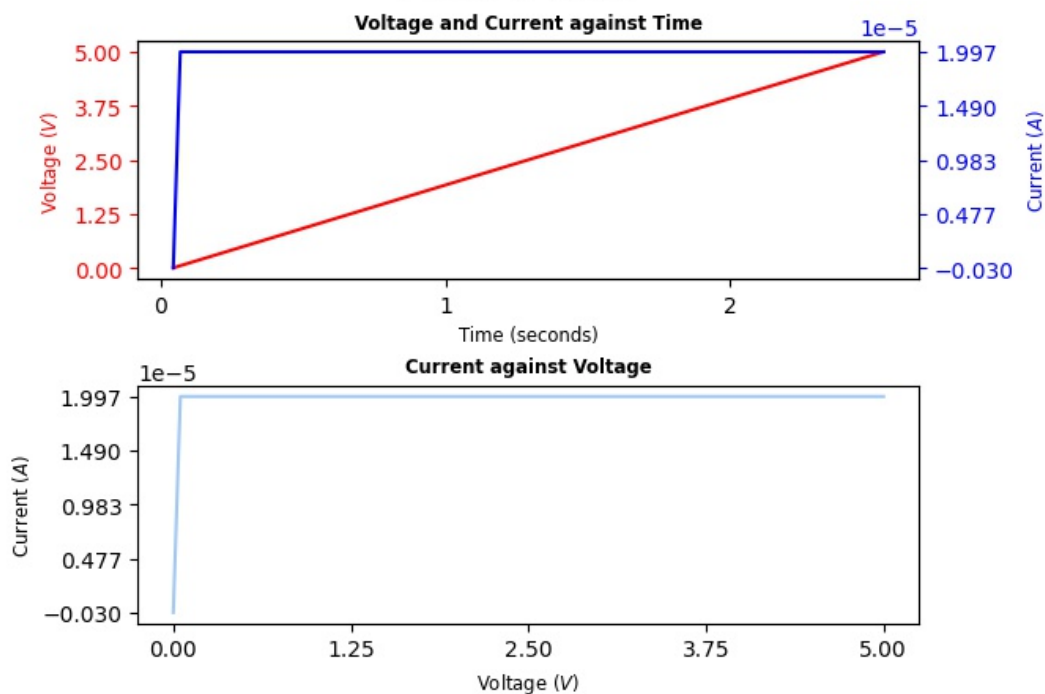
Platinum Voltage =

Copper Voltage =

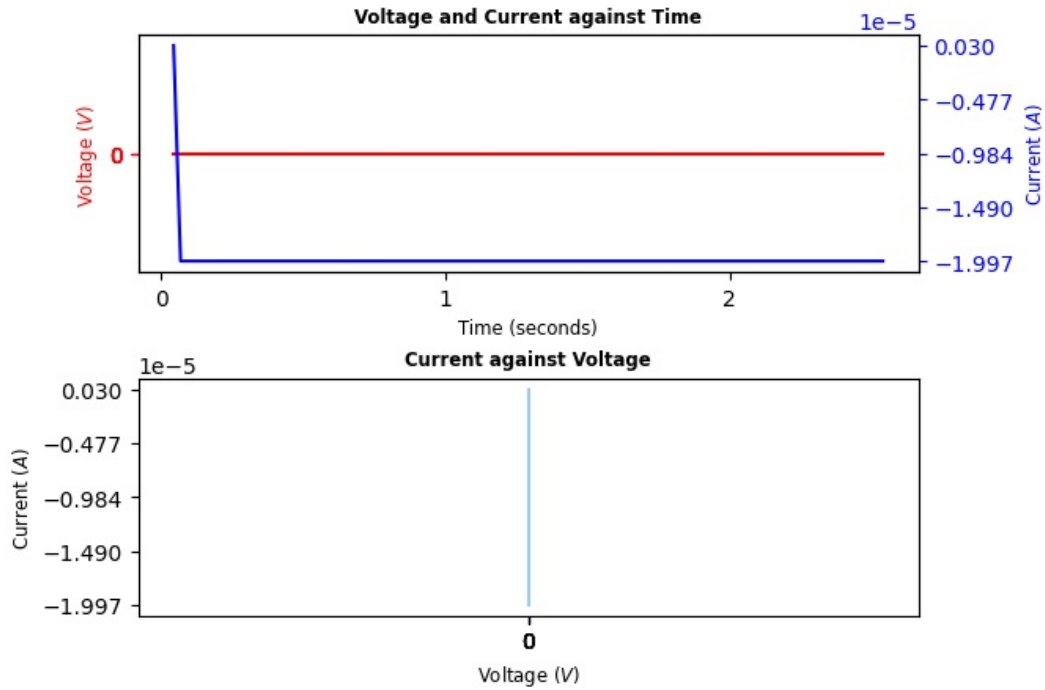
Run Folder Name = <2 probe, so invalid>

Comments = Probe A on copper, B on platinum. Already set. Possibly due to minor layer short in wafer, around countour edge of bottom platinum layer.

Probe A plots



Probe B plots



Stimulated at 04:03:36PM on 2022/March/23

Activity = reset

Start Voltage = 0V

End Voltage = -3V

Ramp Rate = 1V/s

Compliance Current = 6.0mA

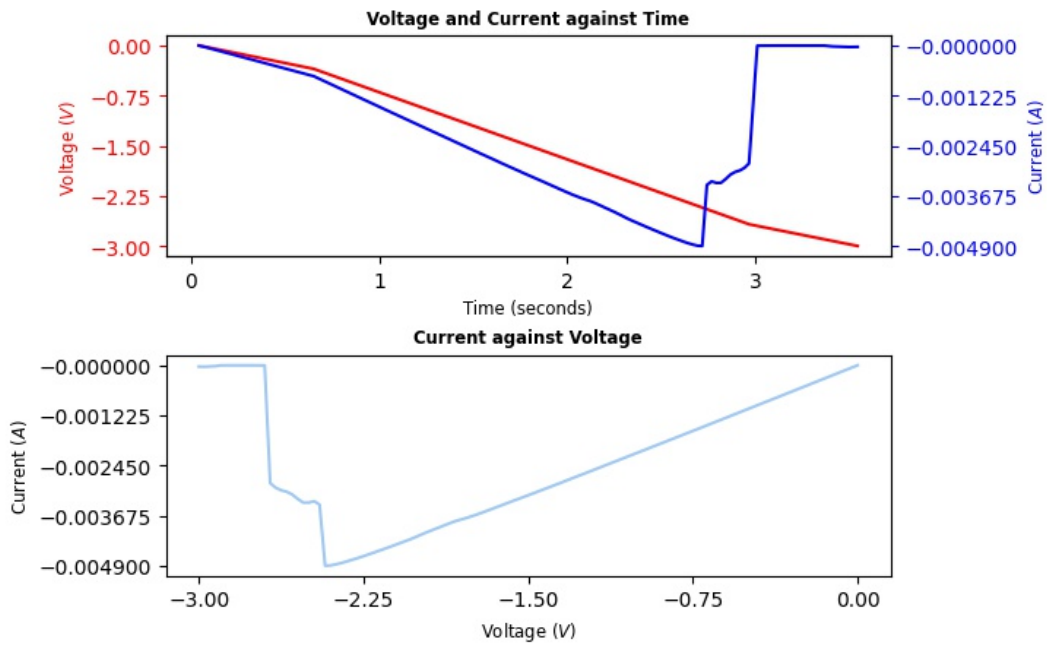
Platinum Voltage =

Copper Voltage =

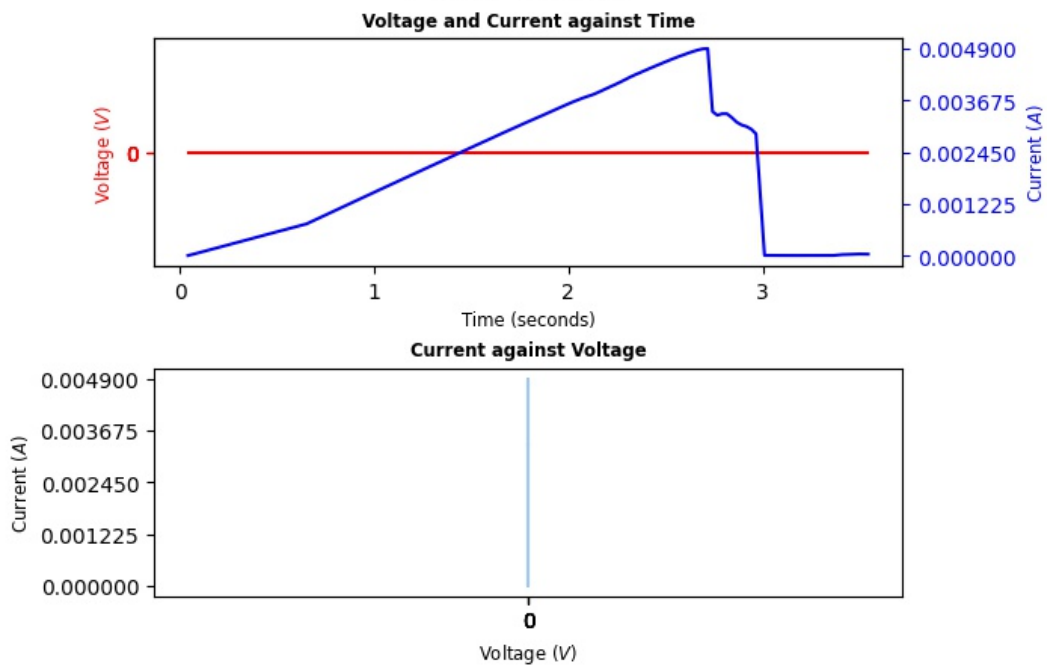
Run Folder Name = <2 probe, so invalid>

Comments = reset success

Probe A plots



Probe B plots



Stimulated at 04:04:26PM on 2022/March/23

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

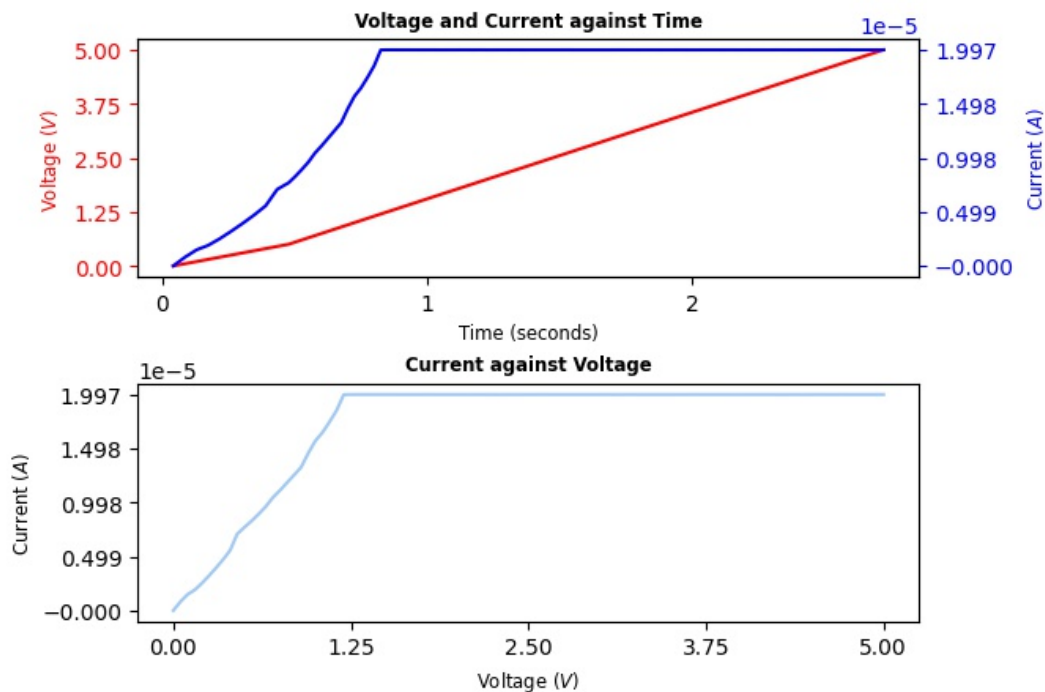
Platinum Voltage =

Copper Voltage =

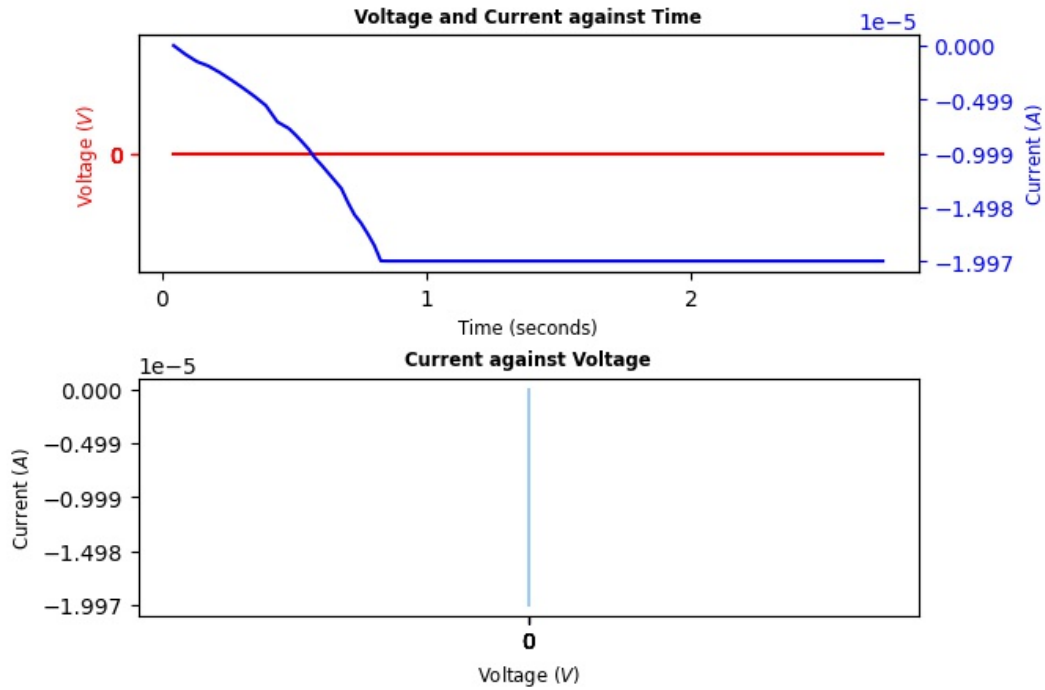
Run Folder Name = <2 probe, so invalid>

Comments = Set success, but at v low voltage of 1.2V. Therefore weak filament.

Probe A plots



Probe B plots



Stimulated at 04:05:23PM 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

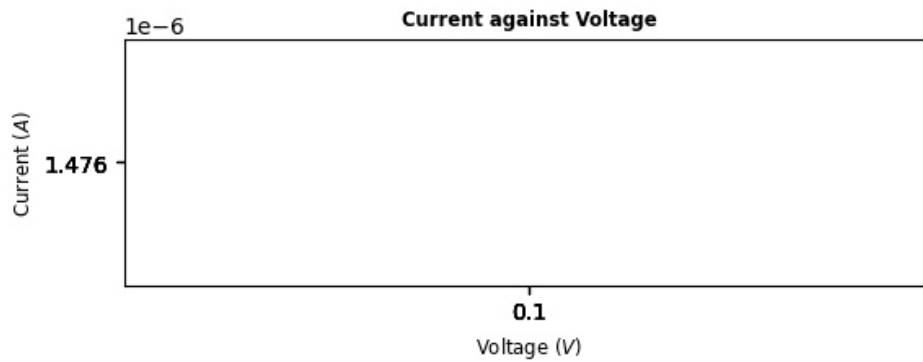
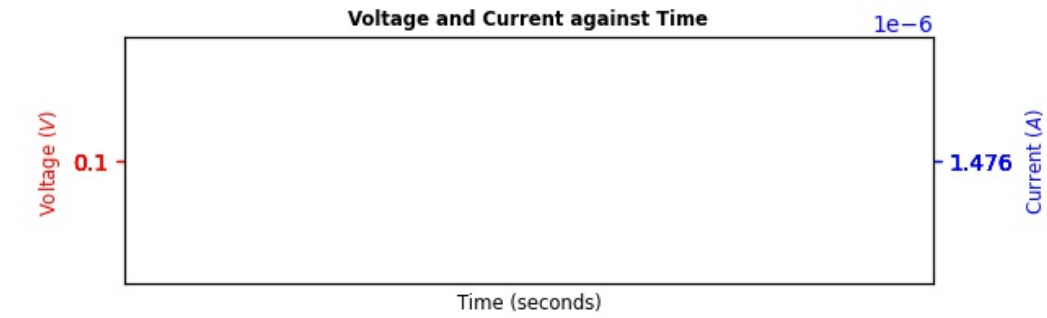
Platinum Voltage = 0V

Copper Voltage = 0.100V

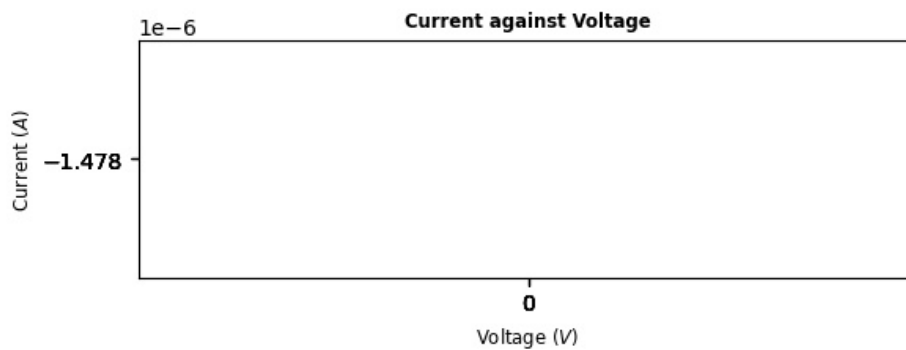
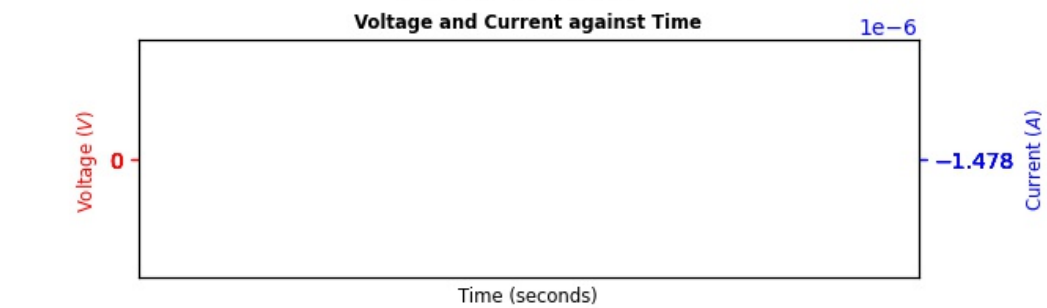
Run Folder Name = <2 probe, so invalid>

Comments = Not in set. Therefore weak filament. State: Set*

Probe A plots



Probe B plots



Stimulated at 04:06:40PM on 2022/March/23

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 20.0uA

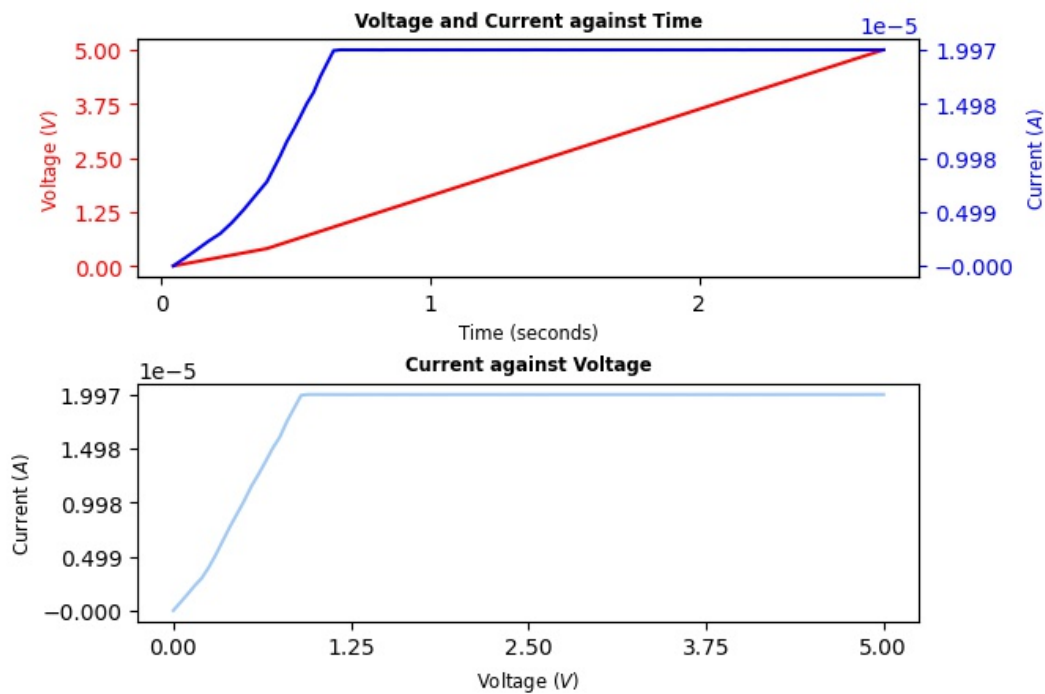
Platinum Voltage =

Copper Voltage =

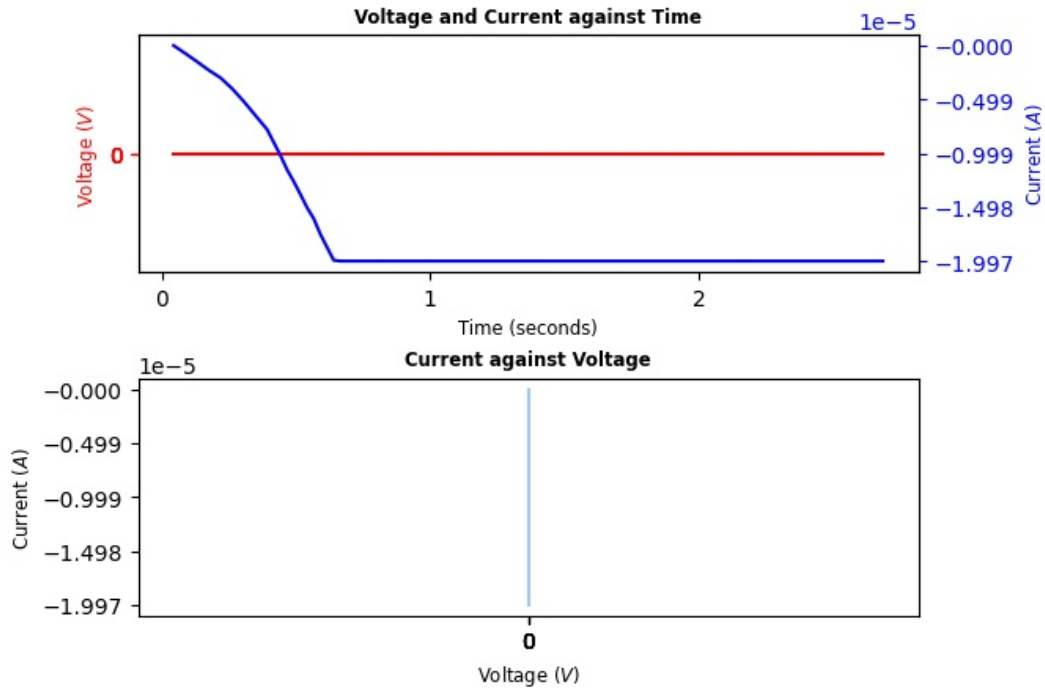
Run Folder Name = <2 probe, so invalid>

Comments = shows ohmic pattern. Short maybe present.

Probe A plots



Probe B plots



Stimulated at 04:09:35PM 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

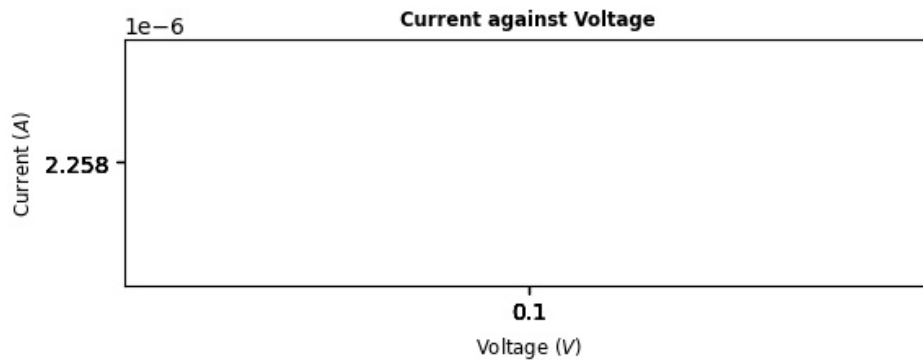
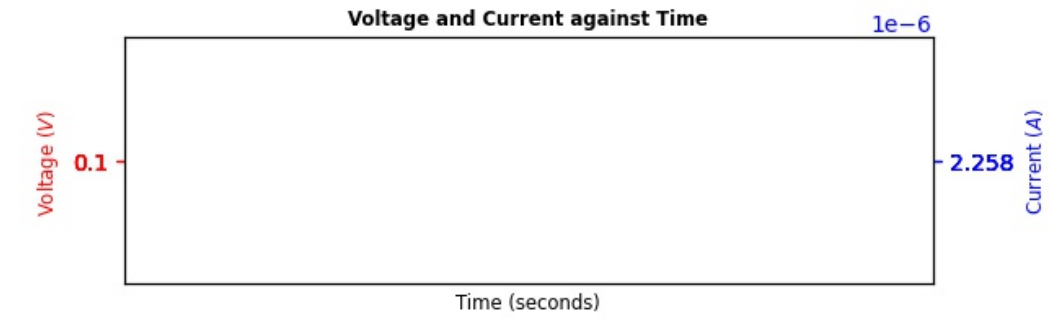
Platinum Voltage = 0V

Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

Comments = Shows very low current so high r_{on} . Giving up on this cell. State: Set*

Probe A plots



Probe B plots

