

(wafer2,0,6,-1,-1,0,4) Plots and Summary

- Cell Size = 10um
 - Number of Times Accessed = 42
 - Last Stimulated = 2022/April/01 at 12:41:33PM
-

Stimulated at 05:10:15PM on 2022/March/28

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

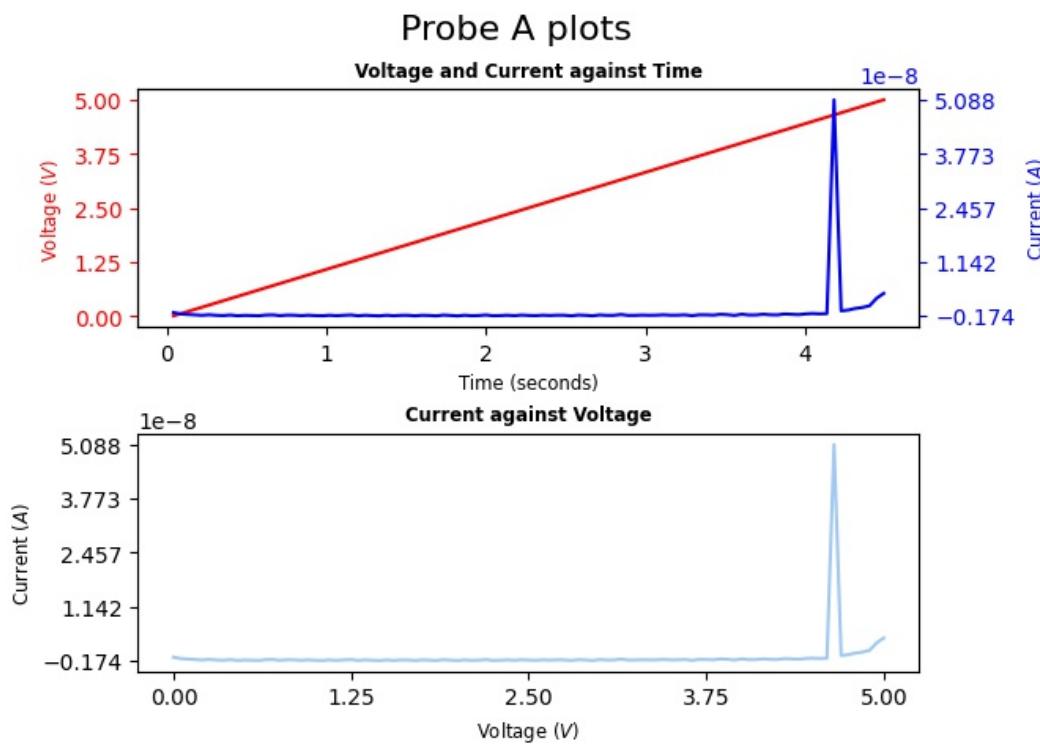
Compliance Current = 30.0uA

Platinum Voltage =

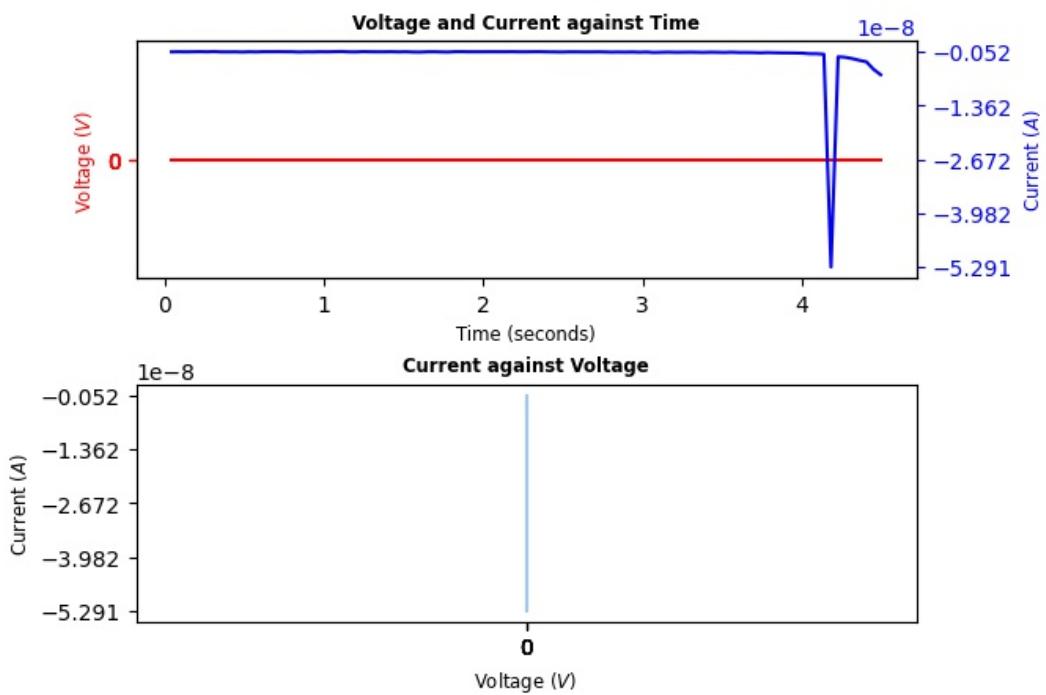
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Not conducting



Probe B plots



Stimulated at 05:10:39PM on 2022/March/28

Activity = form

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

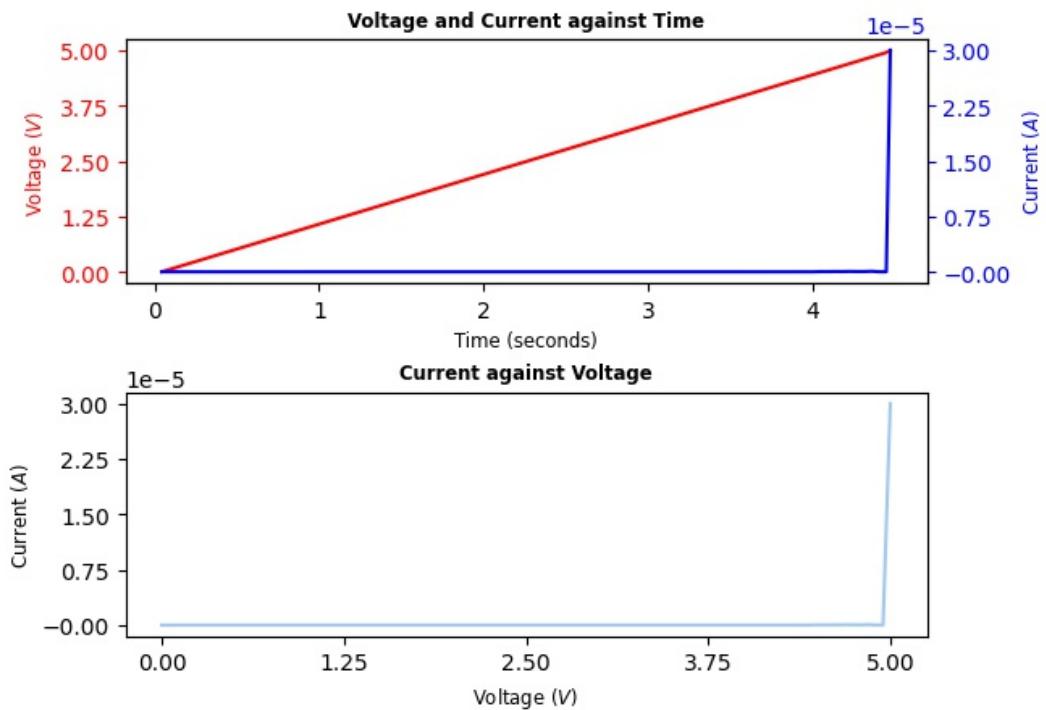
Platinum Voltage =

Copper Voltage =

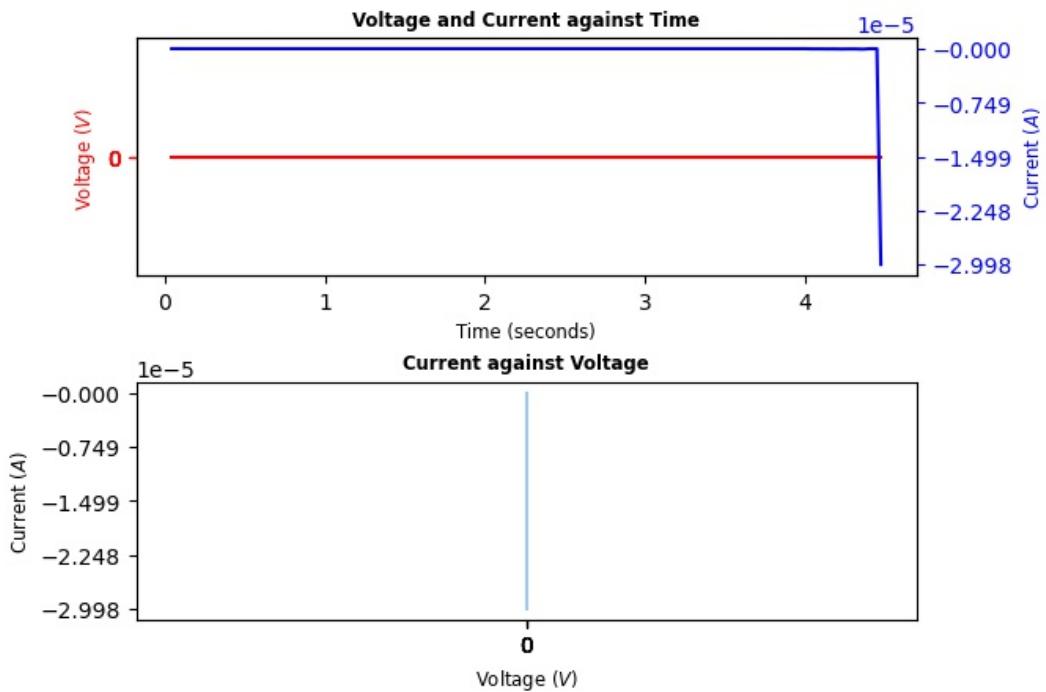
Run Folder Name = <2 probe, so invalid>

Comments = Formed, but at the end ~5V

Probe A plots



Probe B plots



Stimulated at 05:11:17PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -5V

Ramp Rate = 1V/s

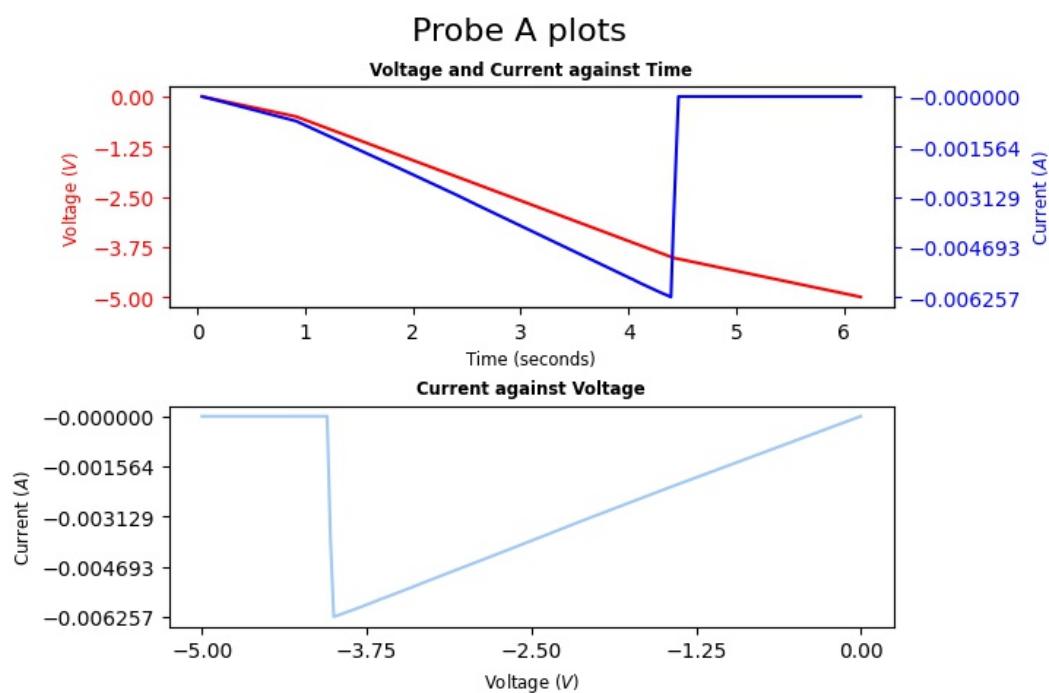
Compliance Current = 10.0mA

Platinum Voltage =

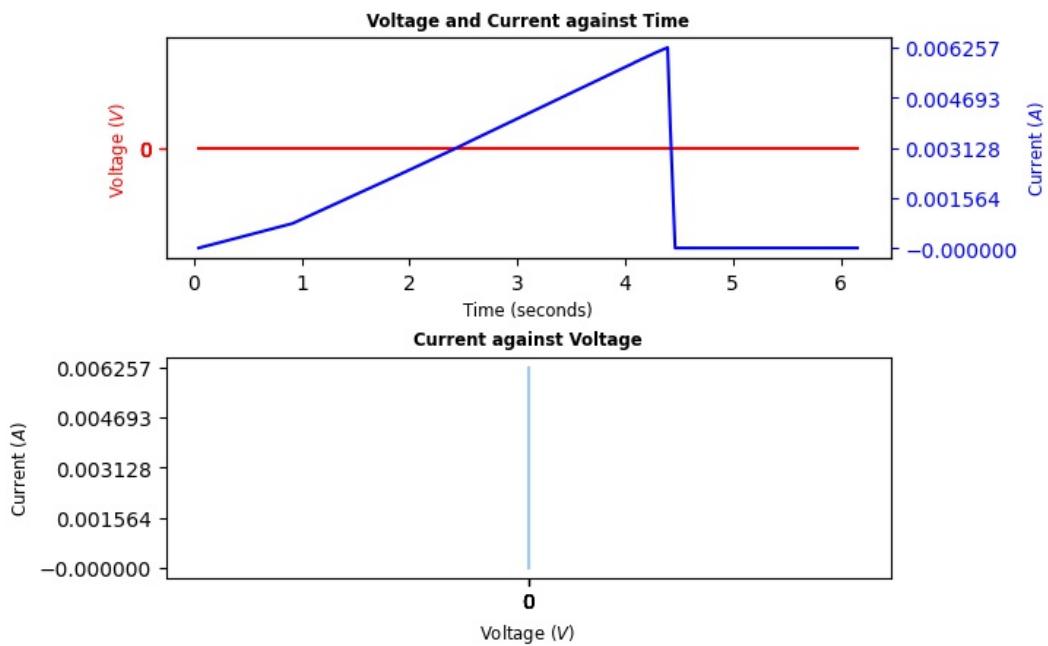
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did reset



Probe B plots



Stimulated at 05:11:35PM on 2022/March/28

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

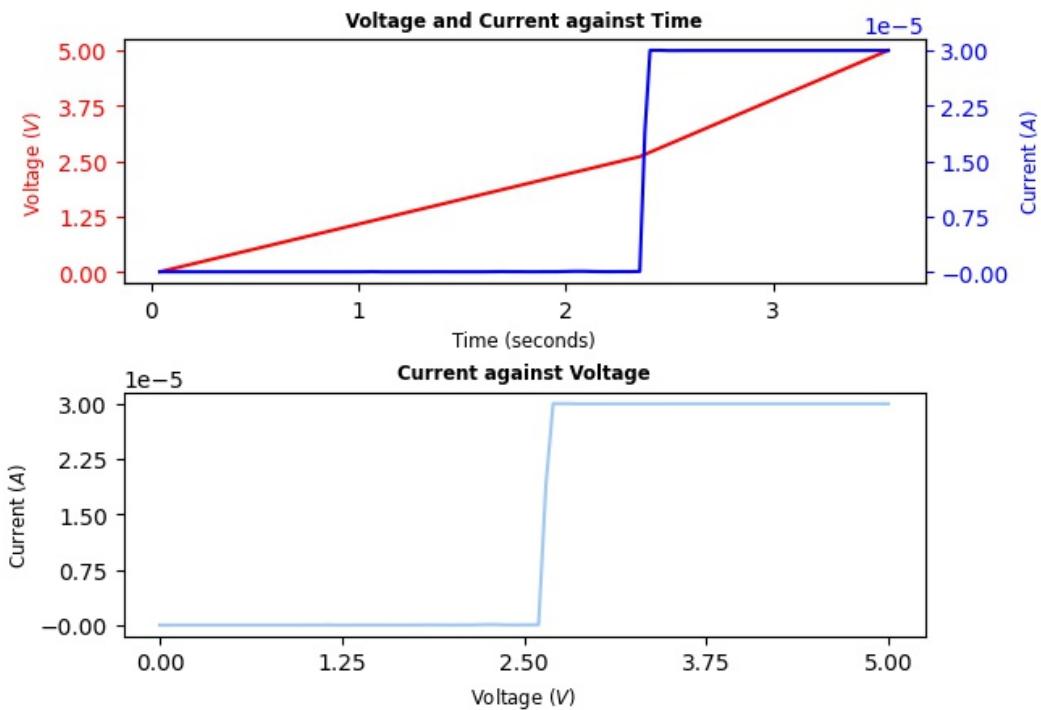
Platinum Voltage =

Copper Voltage =

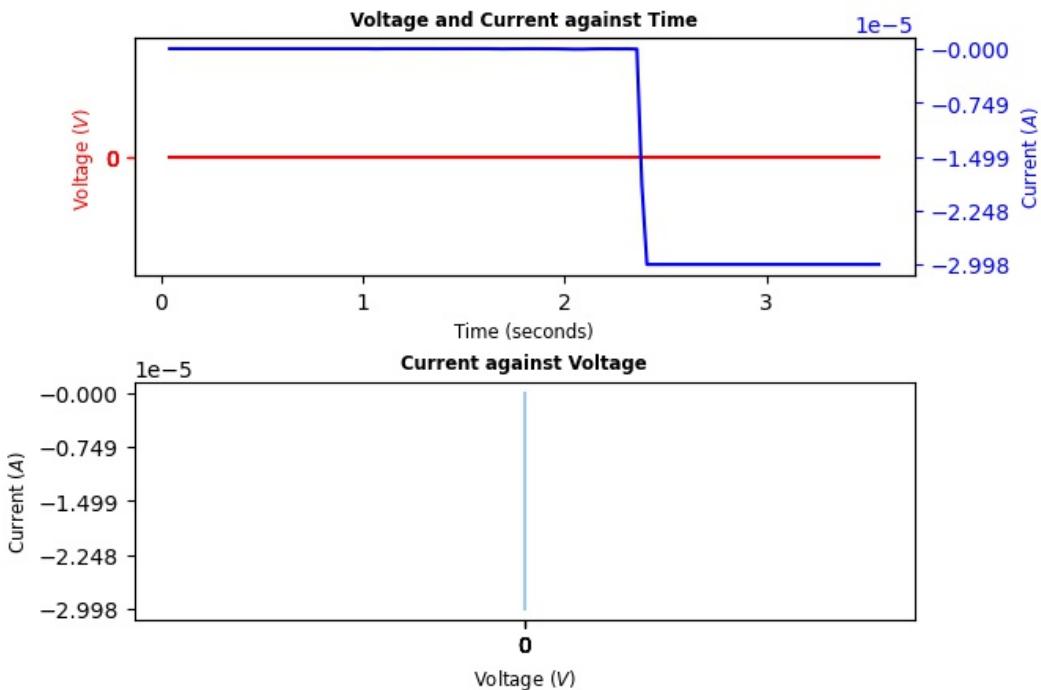
Run Folder Name = <2 probe, so invalid>

Comments = successfully Set

Probe A plots



Probe B plots



Stimulated at 05:12:18PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

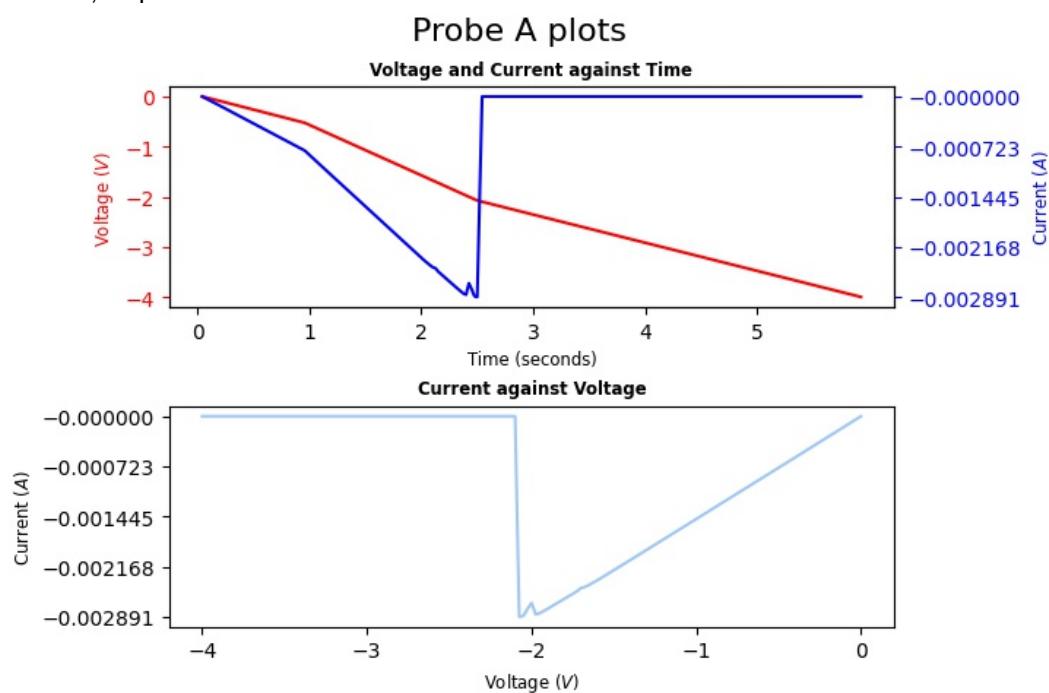
Compliance Current = 8.0mA

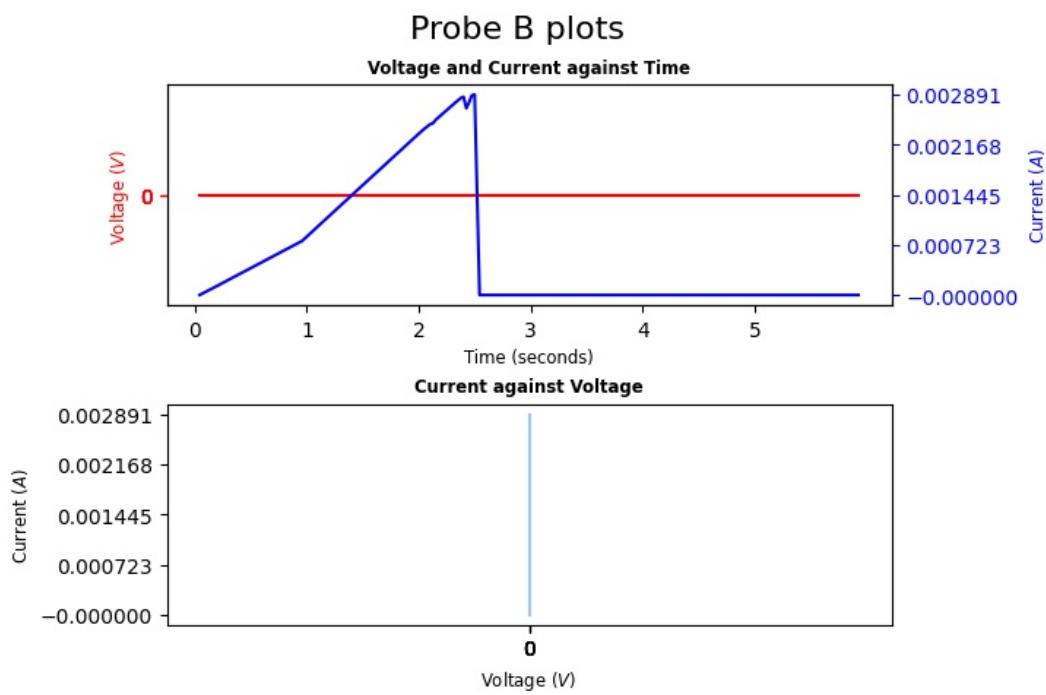
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did reset, slope maintained





Stimulated at 05:12:47PM on 2022/March/28

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

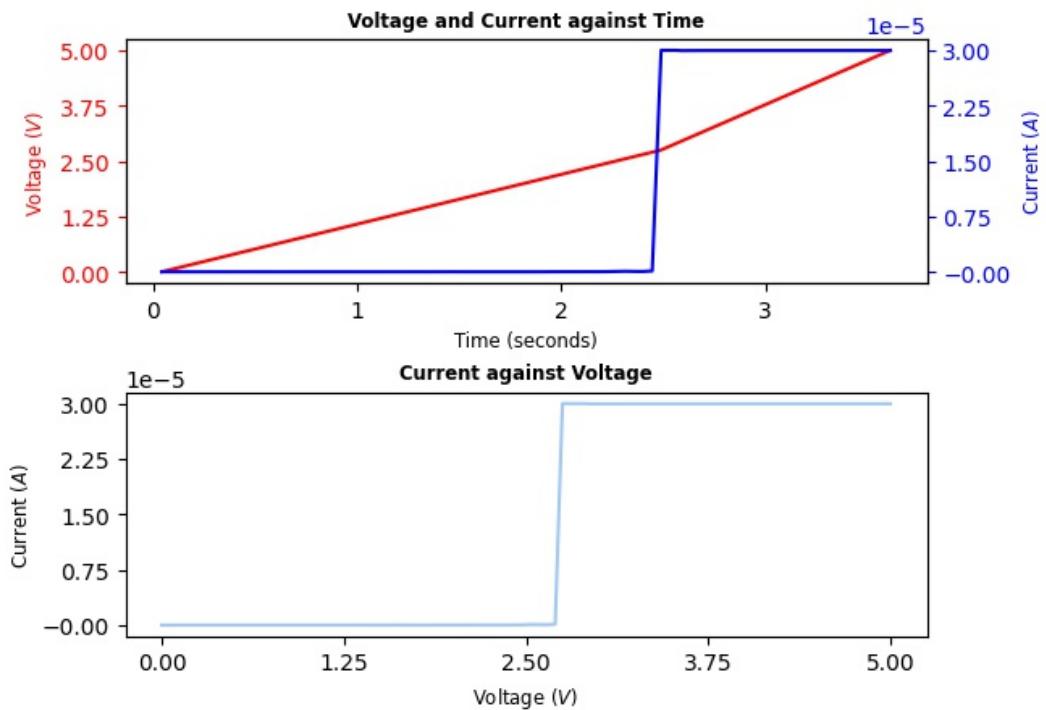
Platinum Voltage =

Copper Voltage =

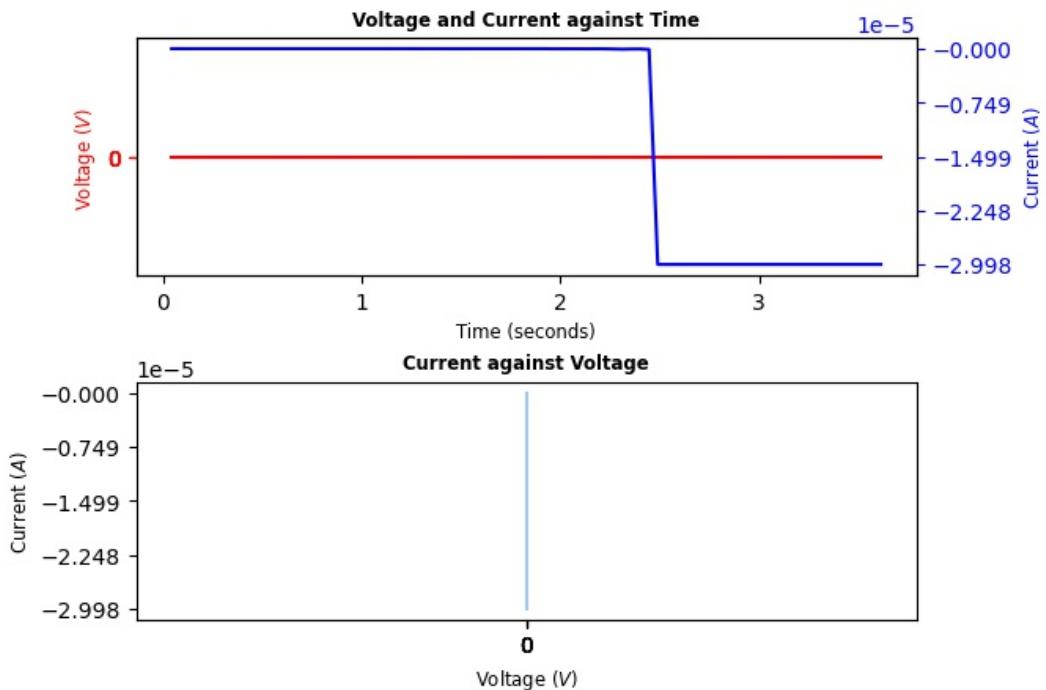
Run Folder Name = <2 probe, so invalid>

Comments = Set, 2.75V

Probe A plots



Probe B plots



Stimulated at 05:13:39PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

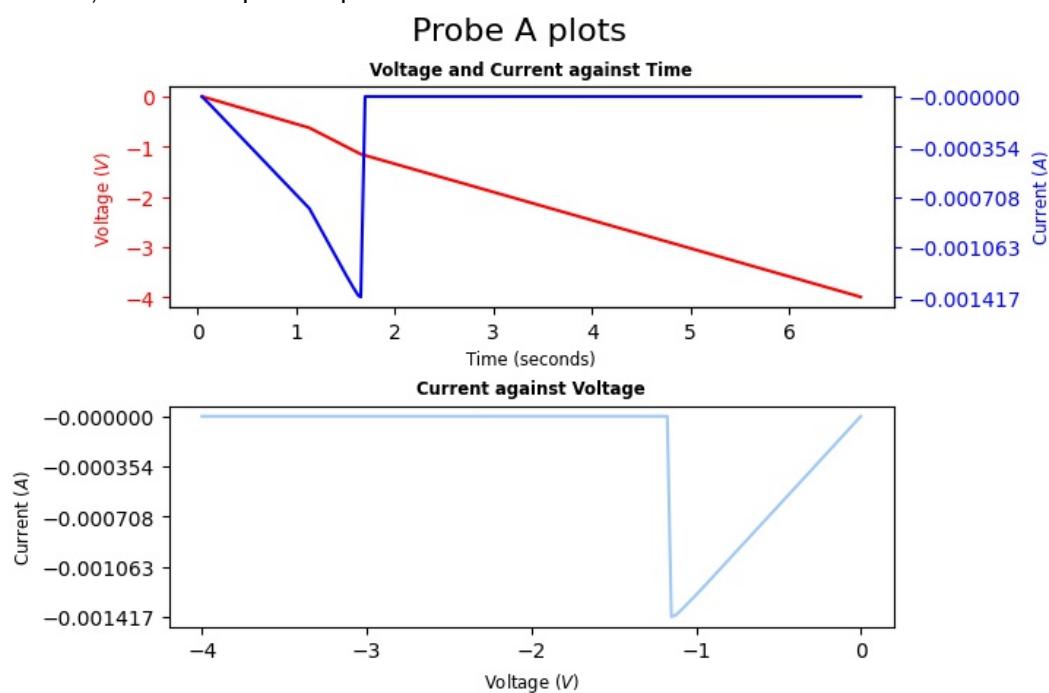
Compliance Current = 8.0mA

Platinum Voltage =

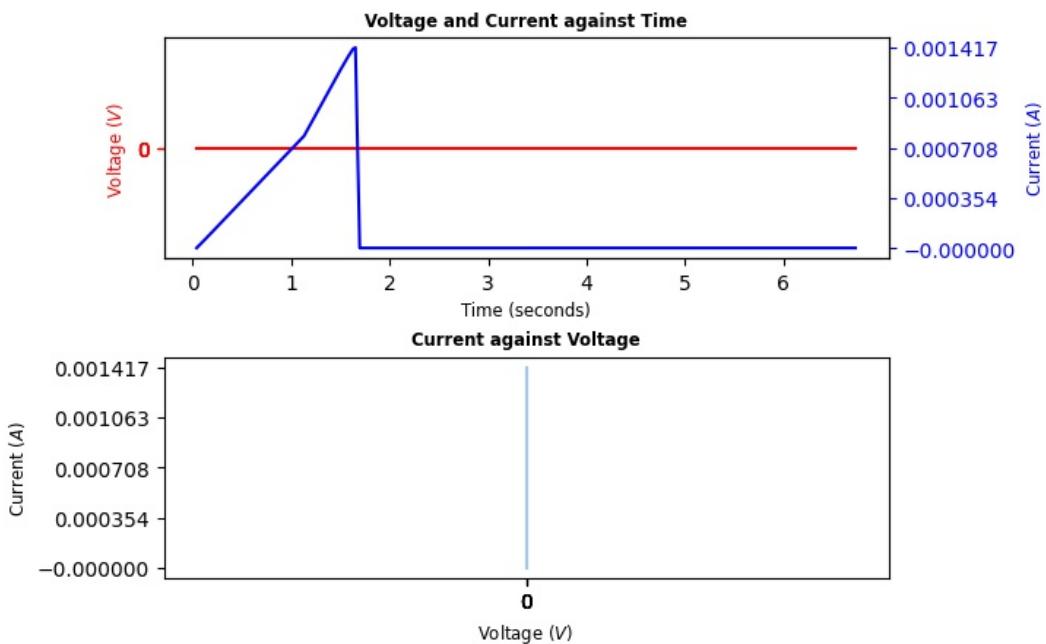
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did reset, different slope from previous



Probe B plots



Stimulated at 05:14:21PM on 2022/March/28

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

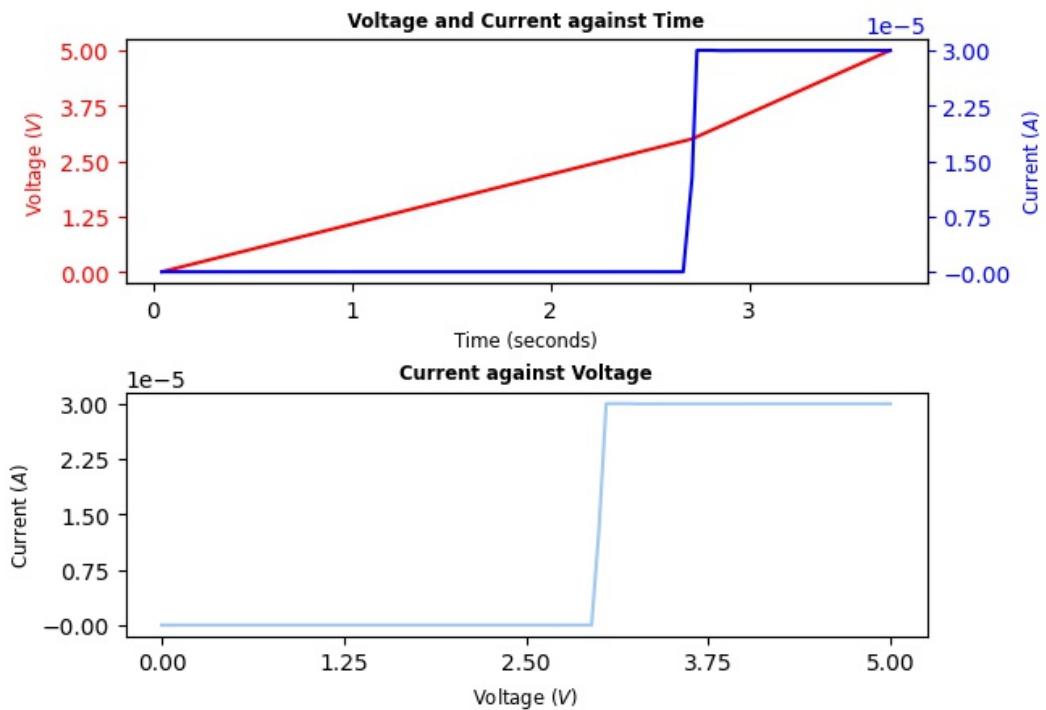
Platinum Voltage =

Copper Voltage =

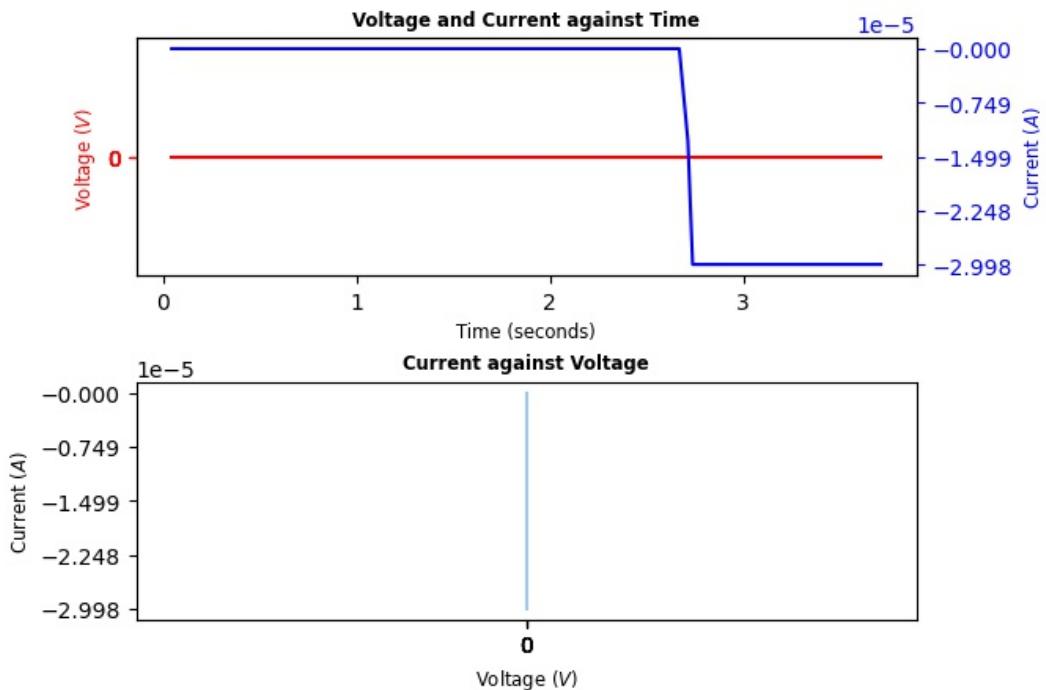
Run Folder Name = <2 probe, so invalid>

Comments = Set, 3.05V

Probe A plots



Probe B plots



Stimulated at 05:15:02PM on 2022/March/28

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

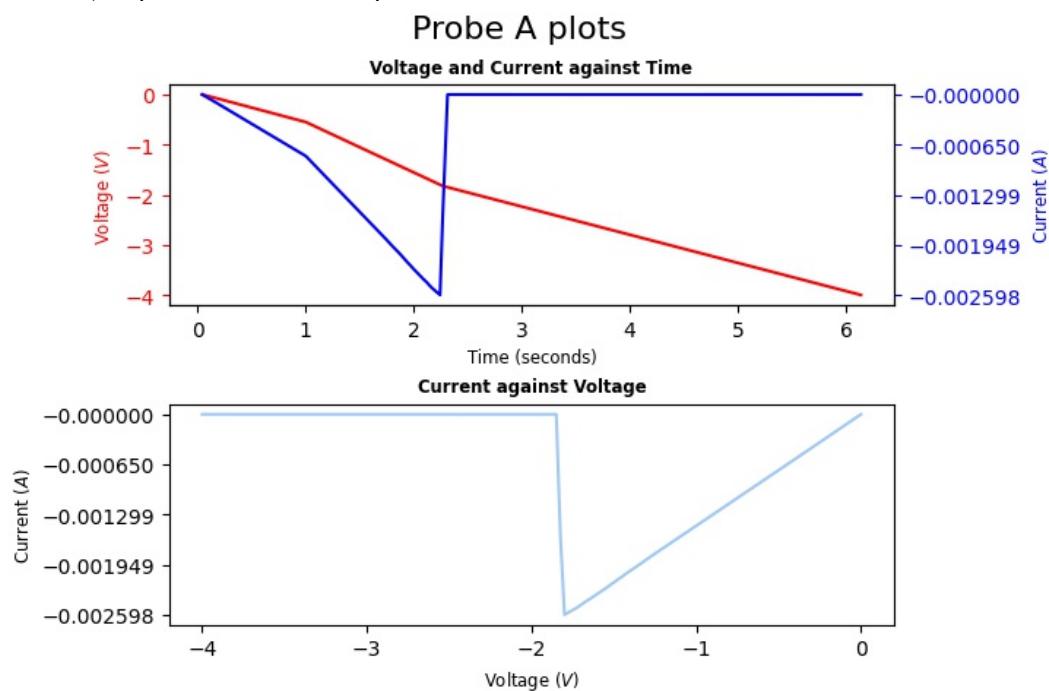
Compliance Current = 8.0mA

Platinum Voltage =

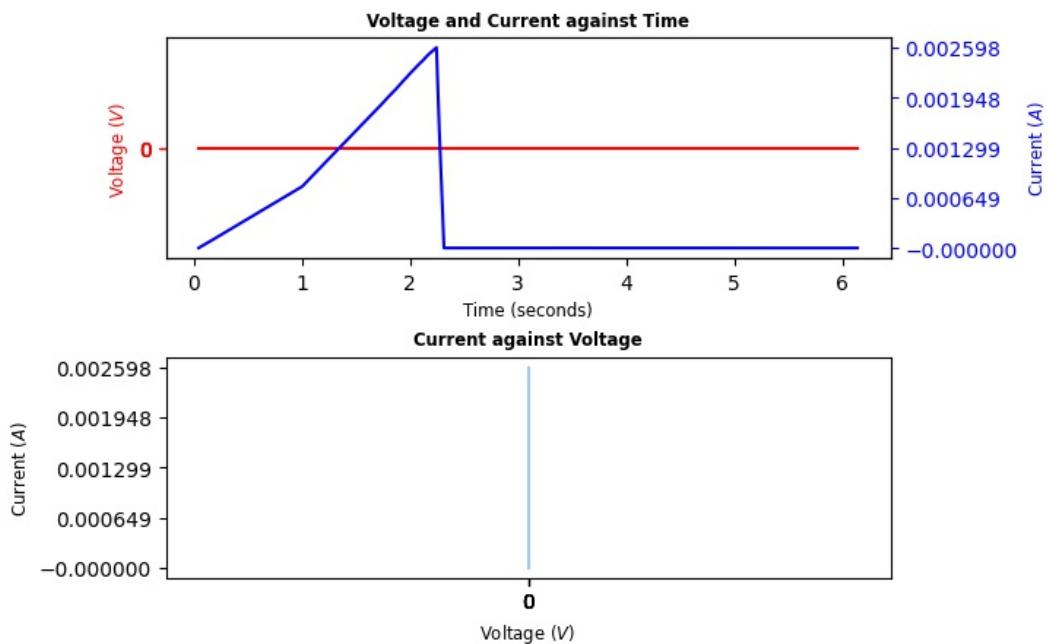
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Did reset, slope maintained from previous



Probe B plots



Stimulated at 11:43:59AM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

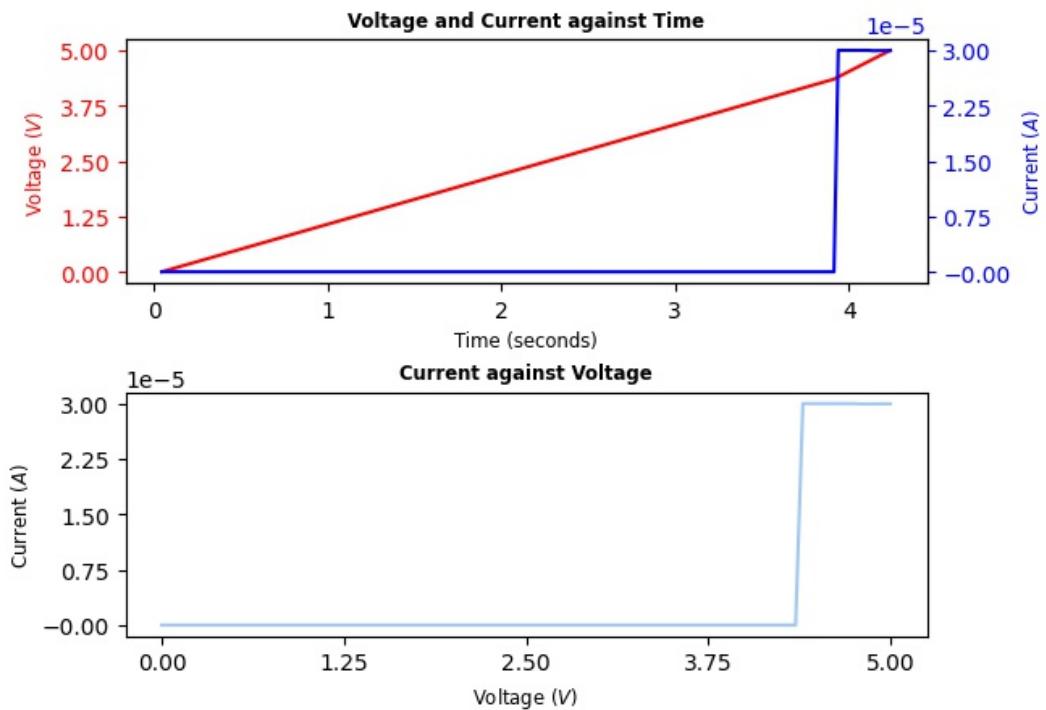
Platinum Voltage =

Copper Voltage =

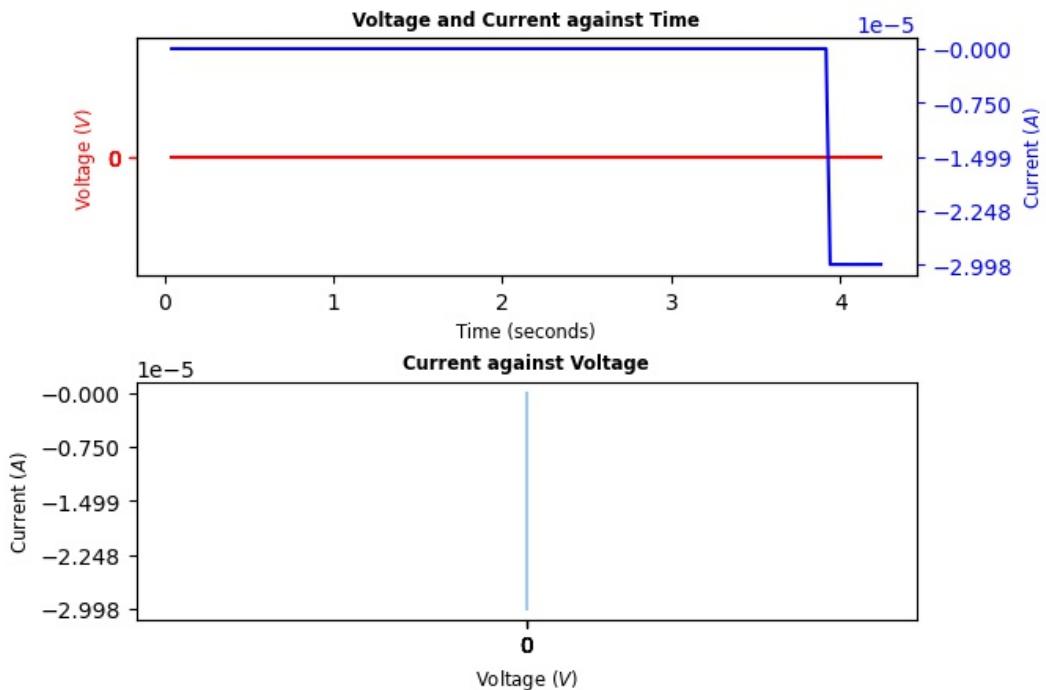
Run Folder Name = <2 probe, so invalid>

Comments = Did set, 4.4V

Probe A plots



Probe B plots



Stimulated at 11:45:15AM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

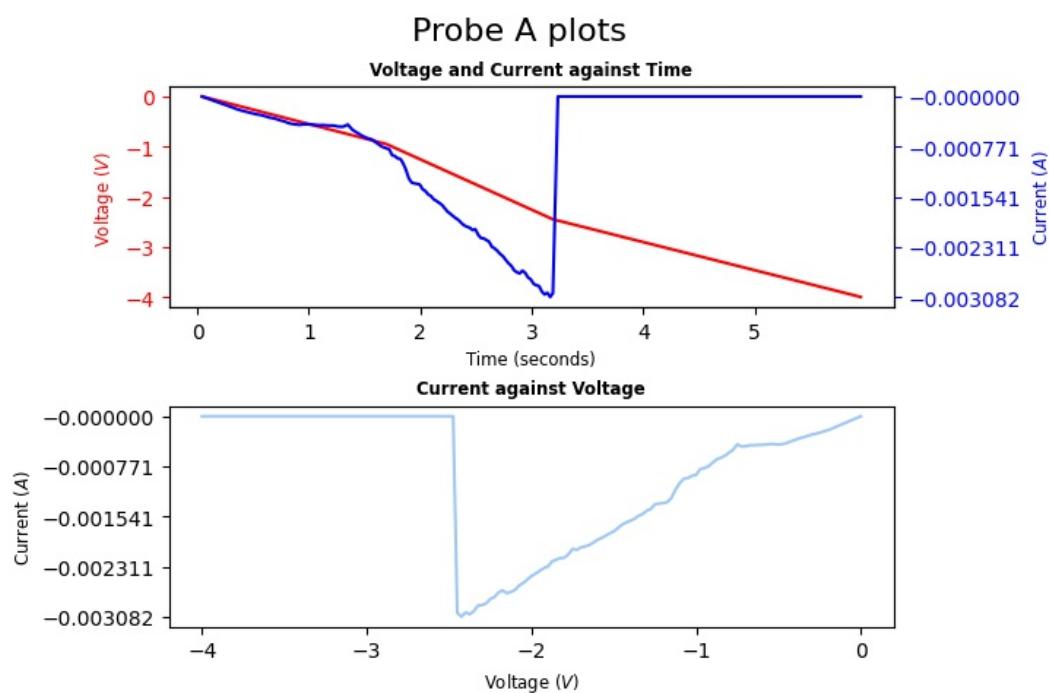
Compliance Current = 8.0mA

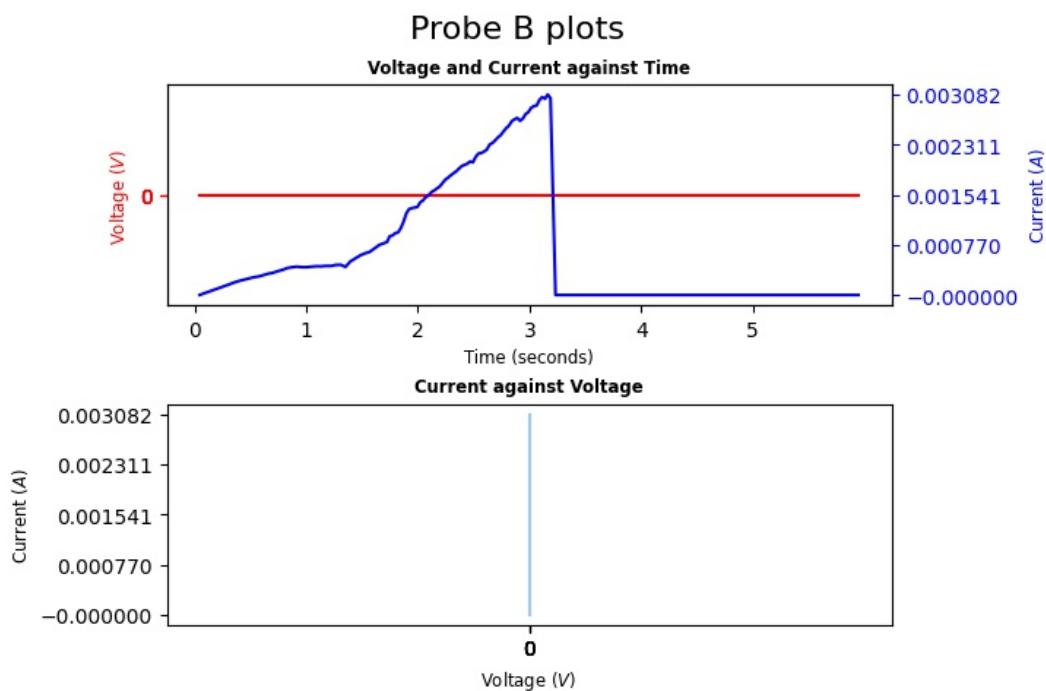
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Resets





Stimulated at 11:47:55AM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 30.0uA

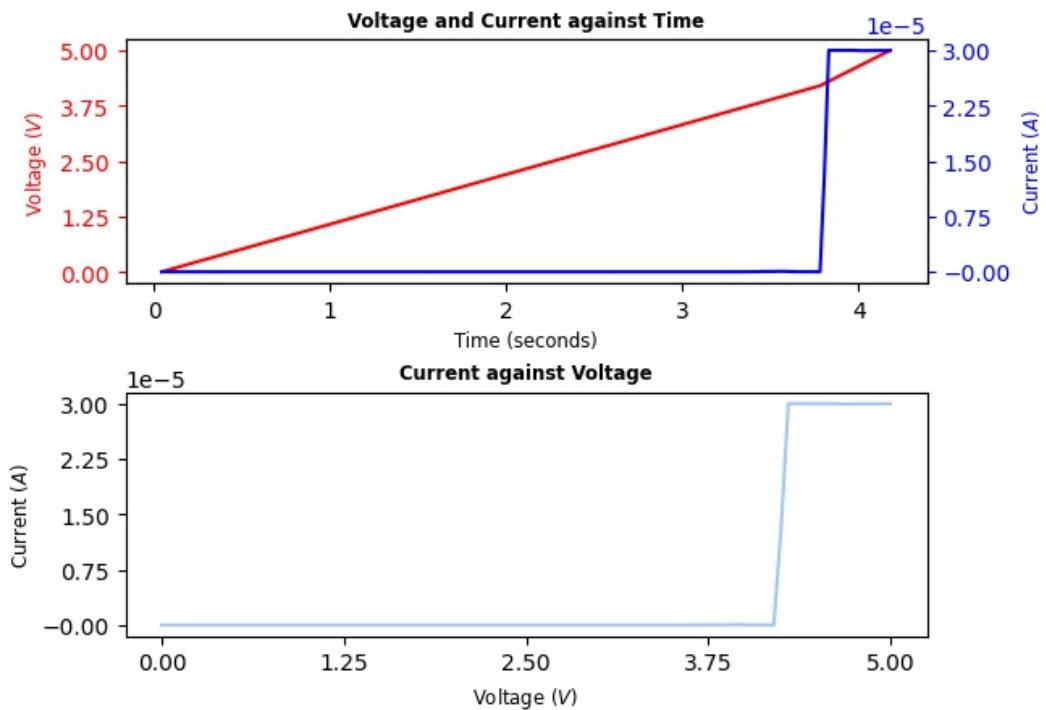
Platinum Voltage =

Copper Voltage =

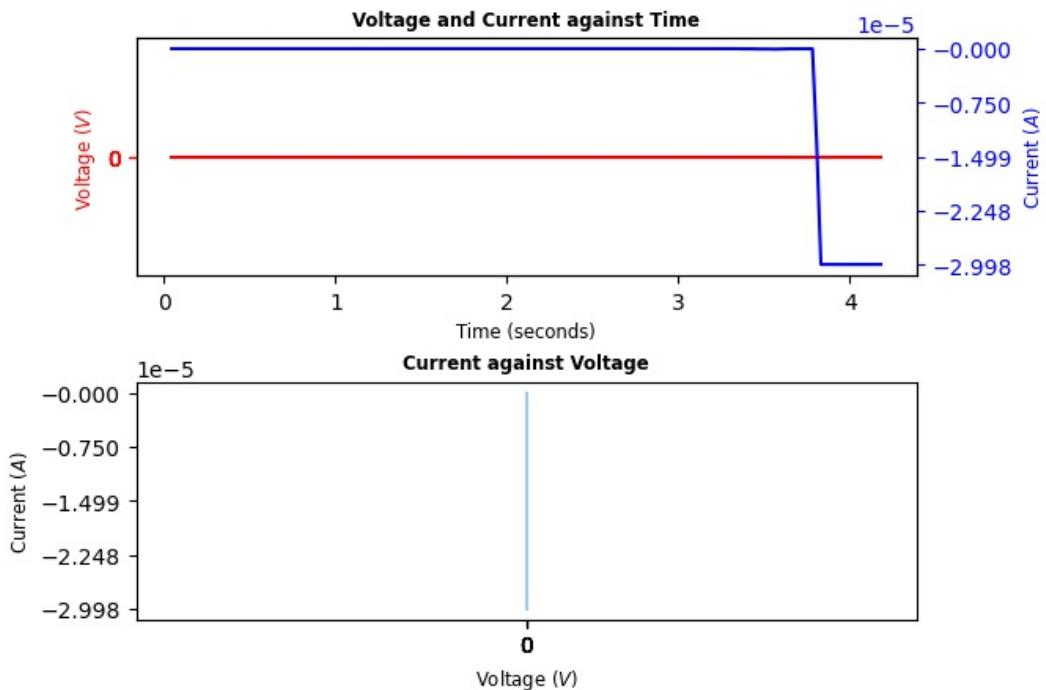
Run Folder Name = <2 probe, so invalid>

Comments = Does set, 4.3V

Probe A plots



Probe B plots



Stimulated at 12:20:47PM on 2022/April/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 = 35.0uA

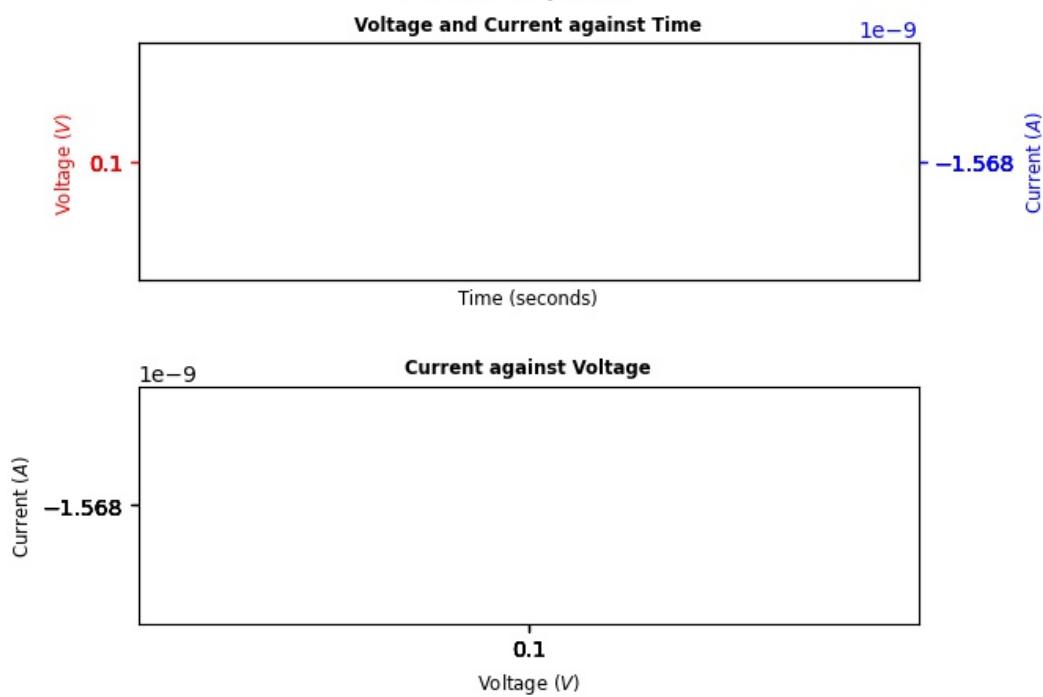
Platinum Voltage = 0V

Copper Voltage = 0.100V

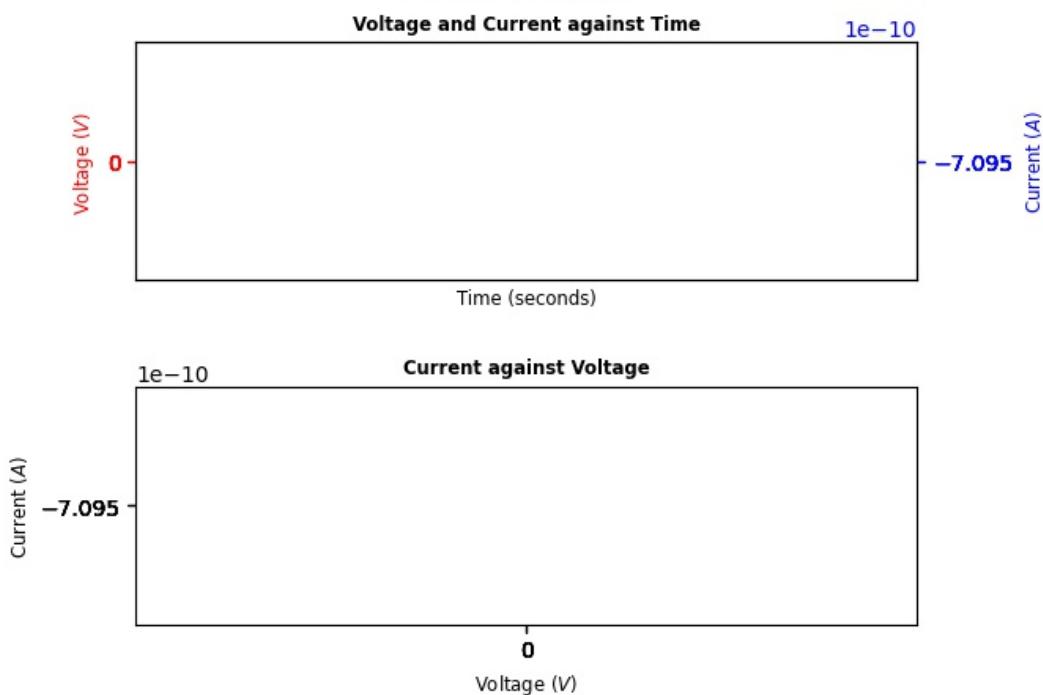
Run Folder Name = <2 probe, so invalid>

Comments = Reset, but was supposed to be set... State: Reset*

Probe A plots



Probe B plots



Stimulated at 12:22:13PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

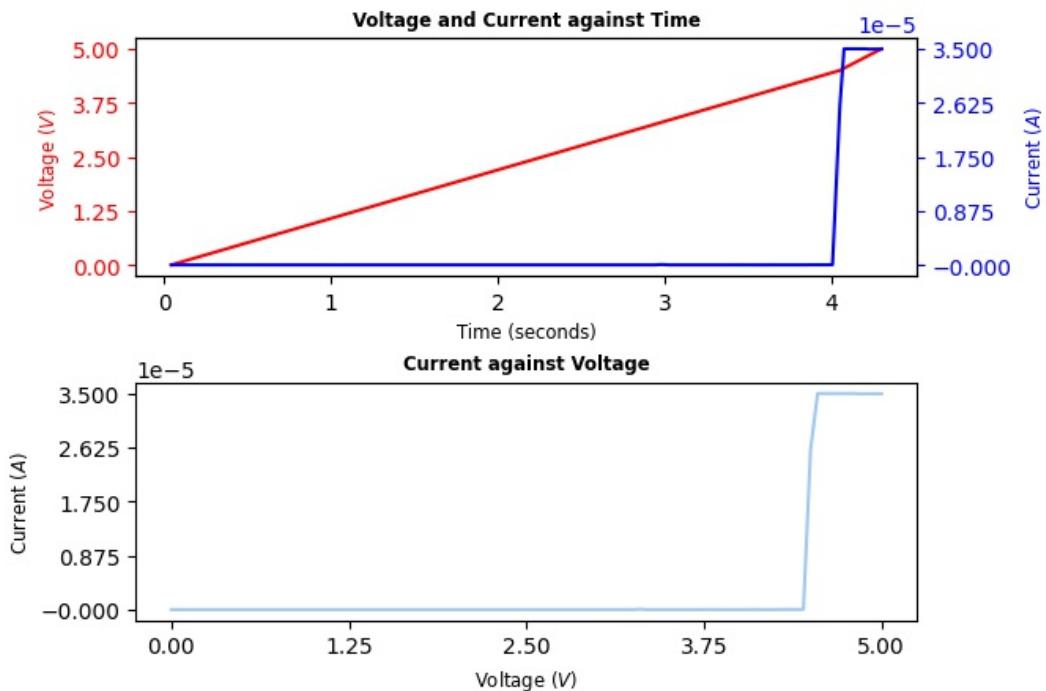
Platinum Voltage =

Copper Voltage =

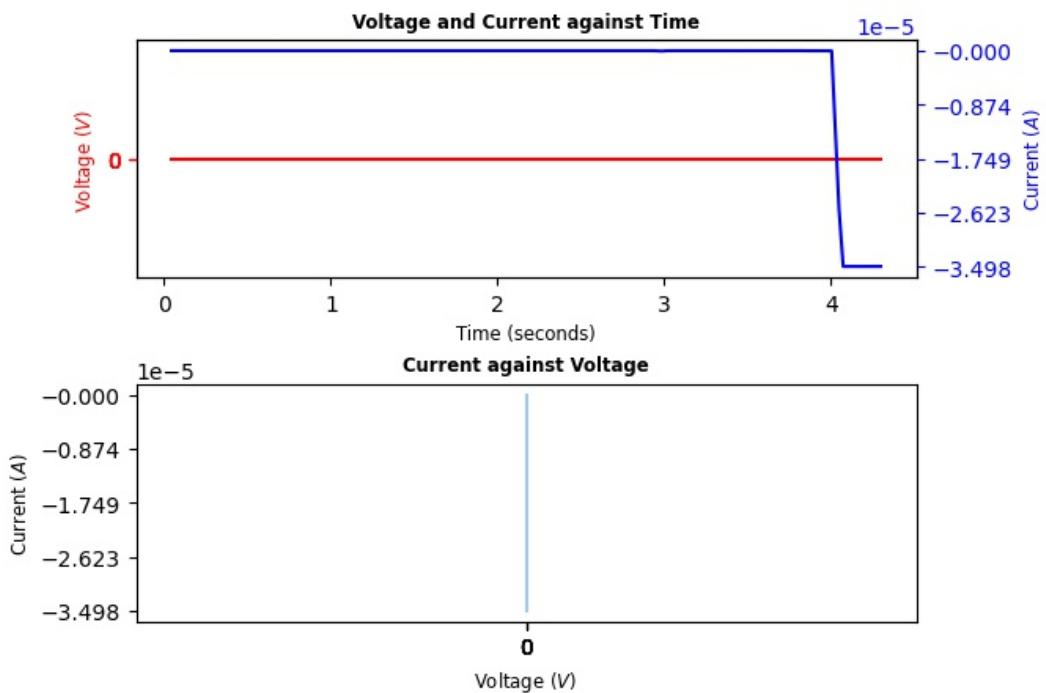
Run Folder Name = <2 probe, so invalid>

Comments = set at 4.55V

Probe A plots



Probe B plots



Stimulated at 12:22:34PM on 2022/April/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 = 35.0uA

Platinum Voltage = 0V

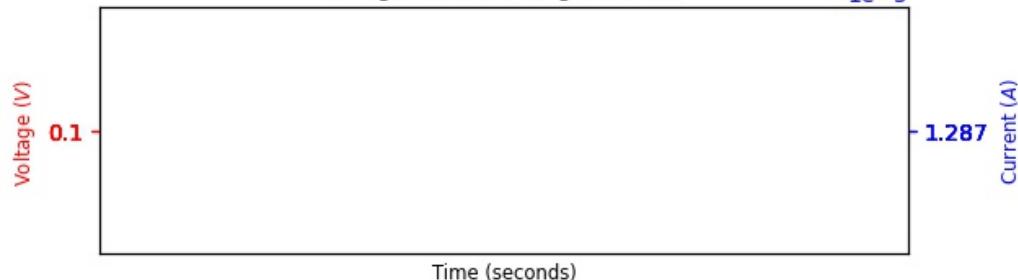
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

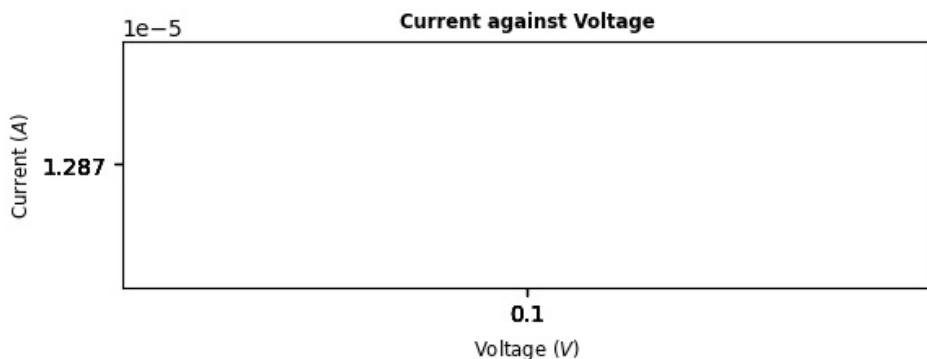
Comments = technically set State: Set*

Probe A plots

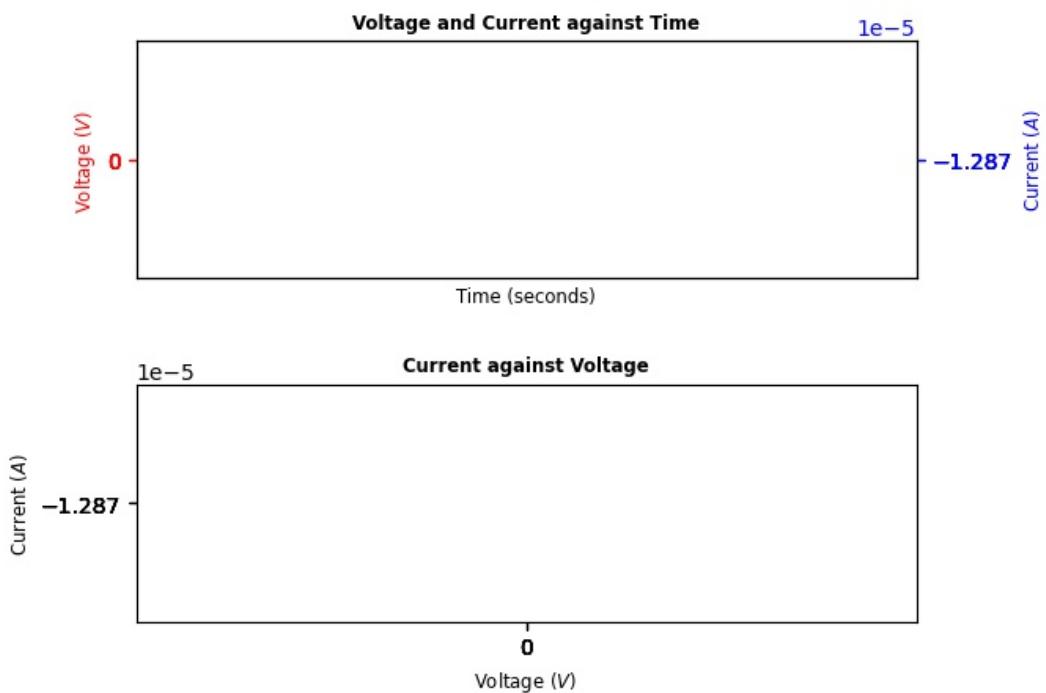
Voltage and Current against Time



Current against Voltage



Probe B plots



Stimulated at 12:23:01PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

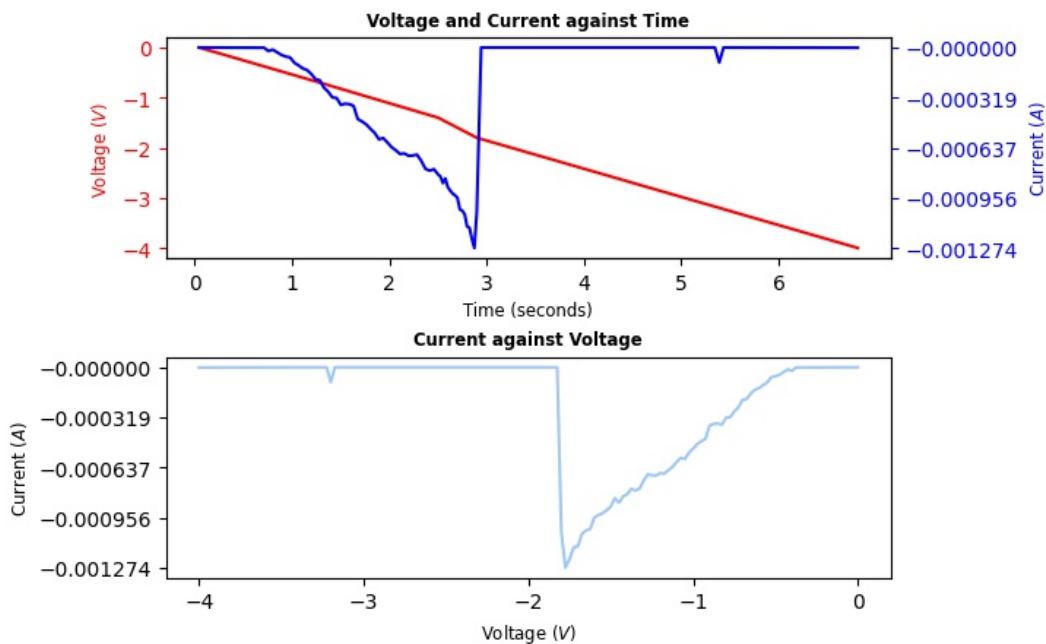
Platinum Voltage =

Copper Voltage =

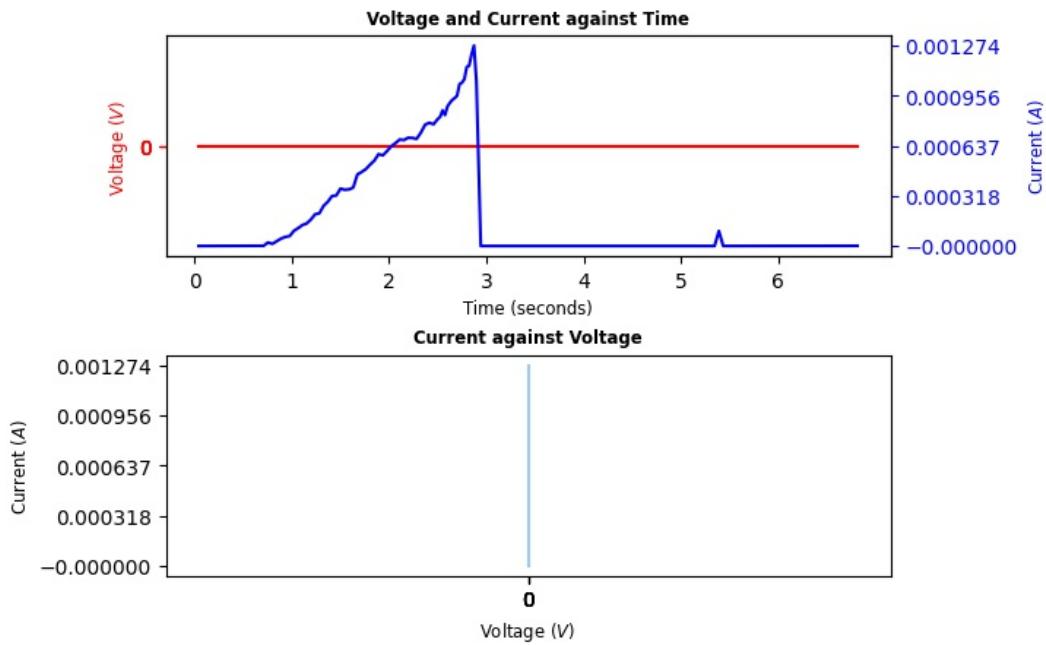
Run Folder Name = <2 probe, so invalid>

Comments = Kind weird Reset

Probe A plots



Probe B plots



Stimulated at 12:23:23PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

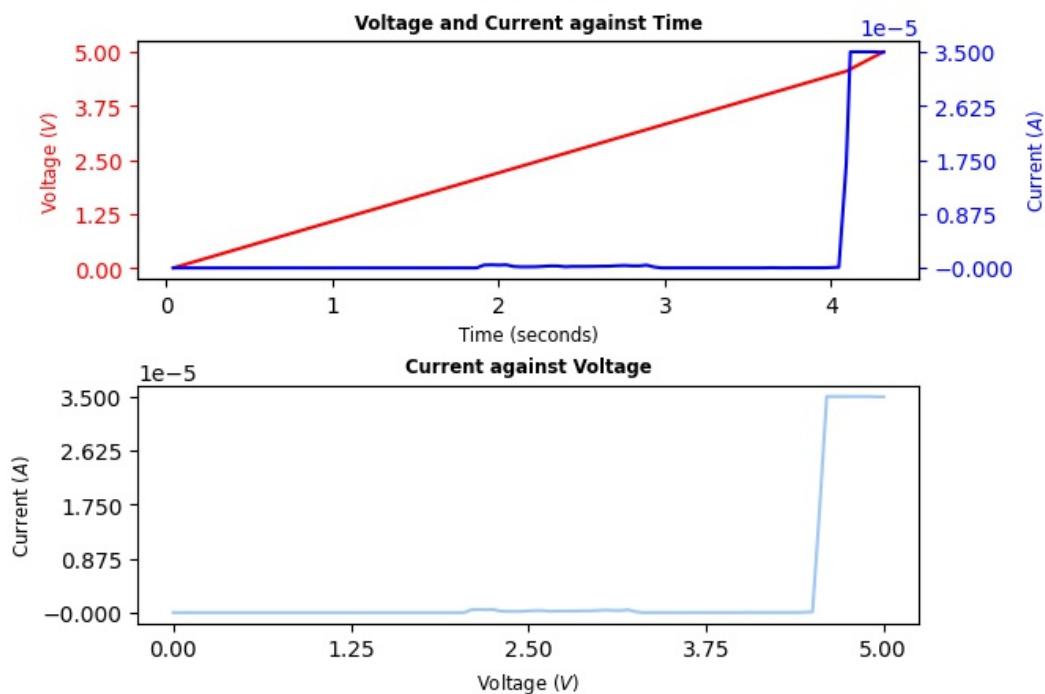
Platinum Voltage =

Copper Voltage =

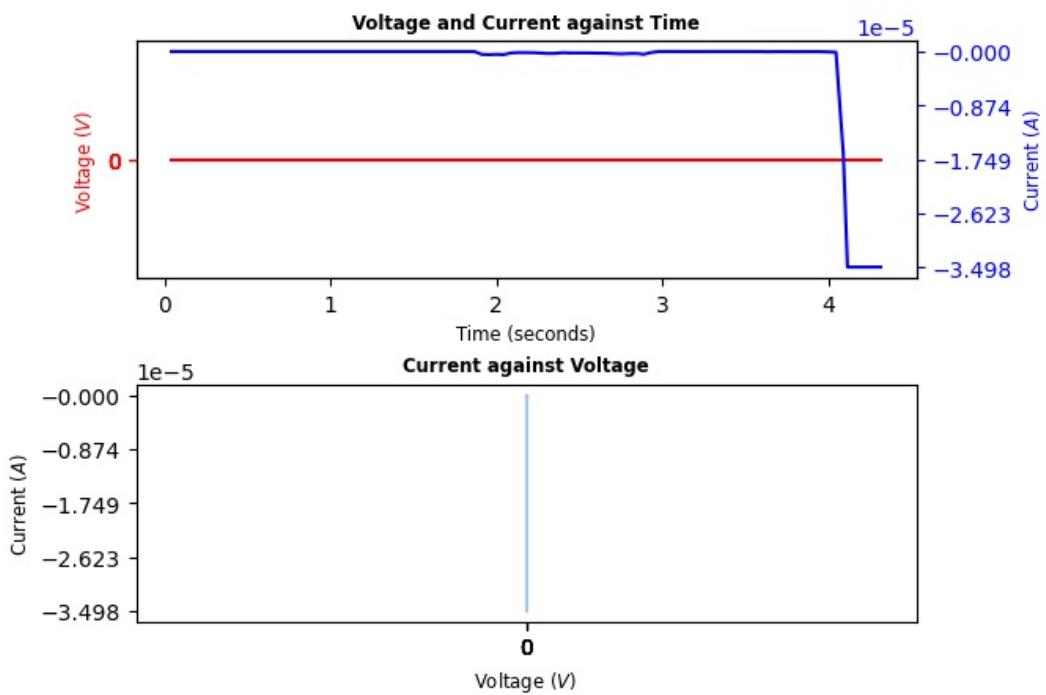
Run Folder Name = <2 probe, so invalid>

Comments = set at 4.6V

Probe A plots



Probe B plots



Stimulated at 12:23:41PM on 2022/April/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 = 35.0uA

Platinum Voltage = 0V

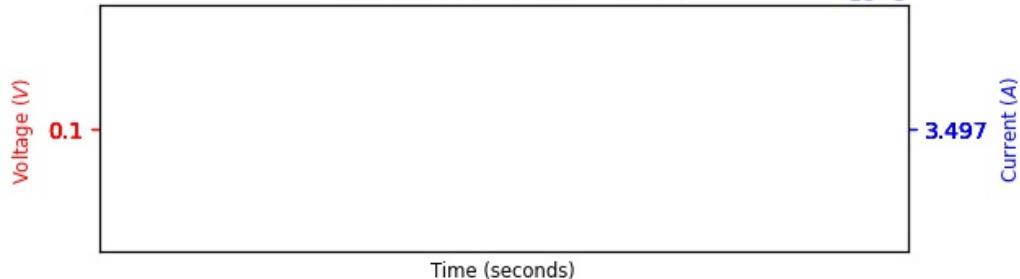
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

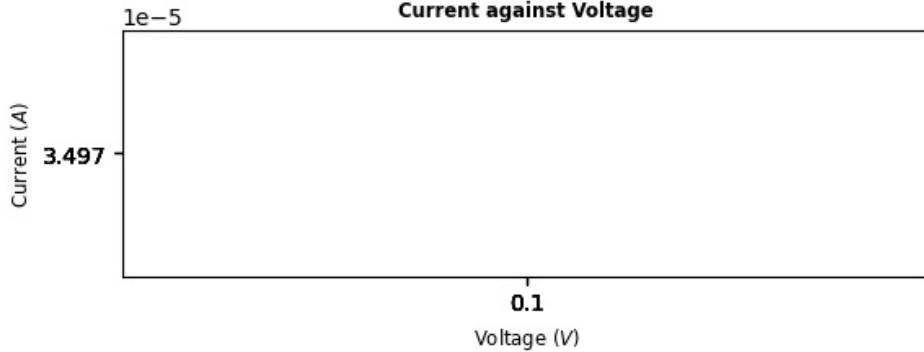
Comments = set State: Set*

Probe A plots

Voltage and Current against Time

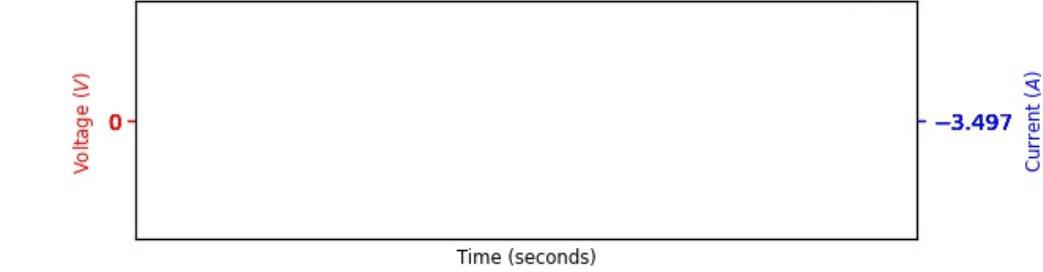


Current against Voltage

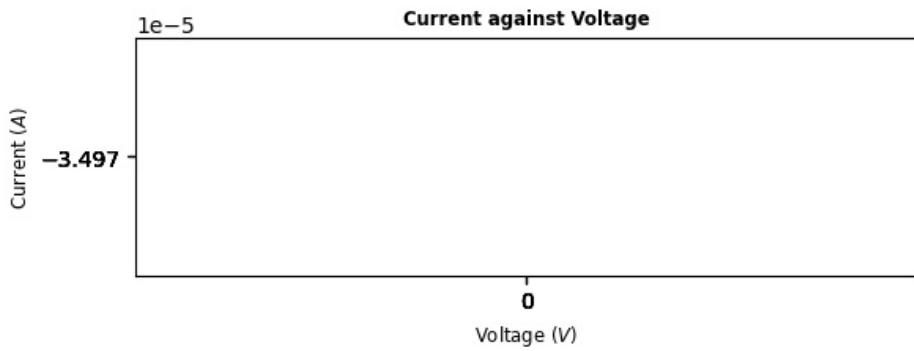


Probe B plots

Voltage and Current against Time



Current against Voltage



Stimulated at 12:24:04PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

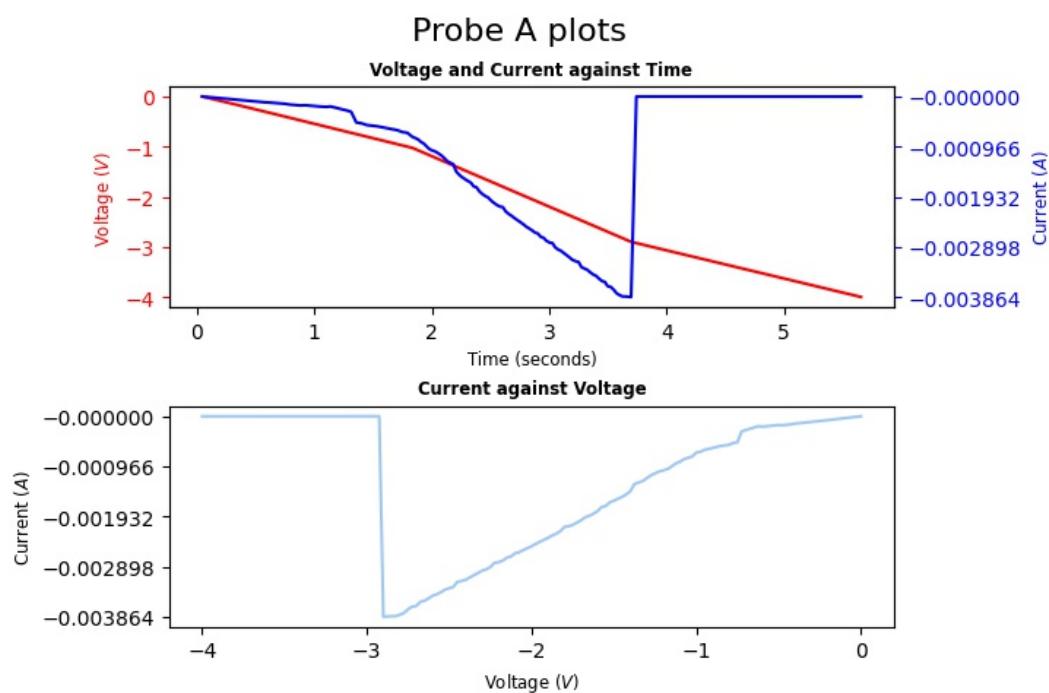
Compliance Current = 8.0mA

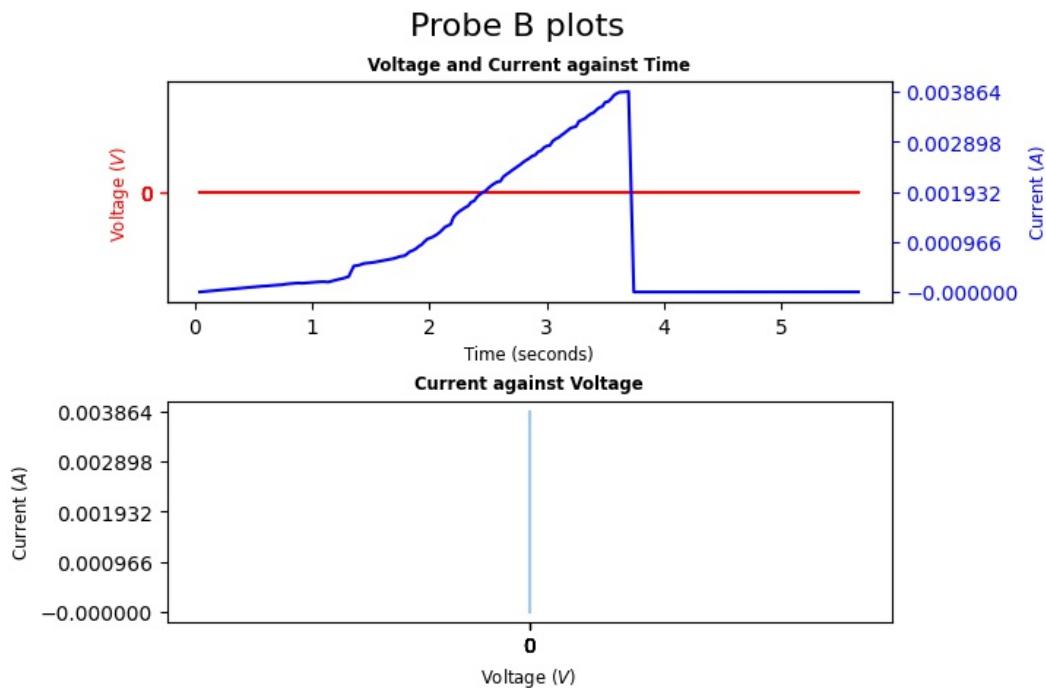
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset





Stimulated at 12:24:53PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

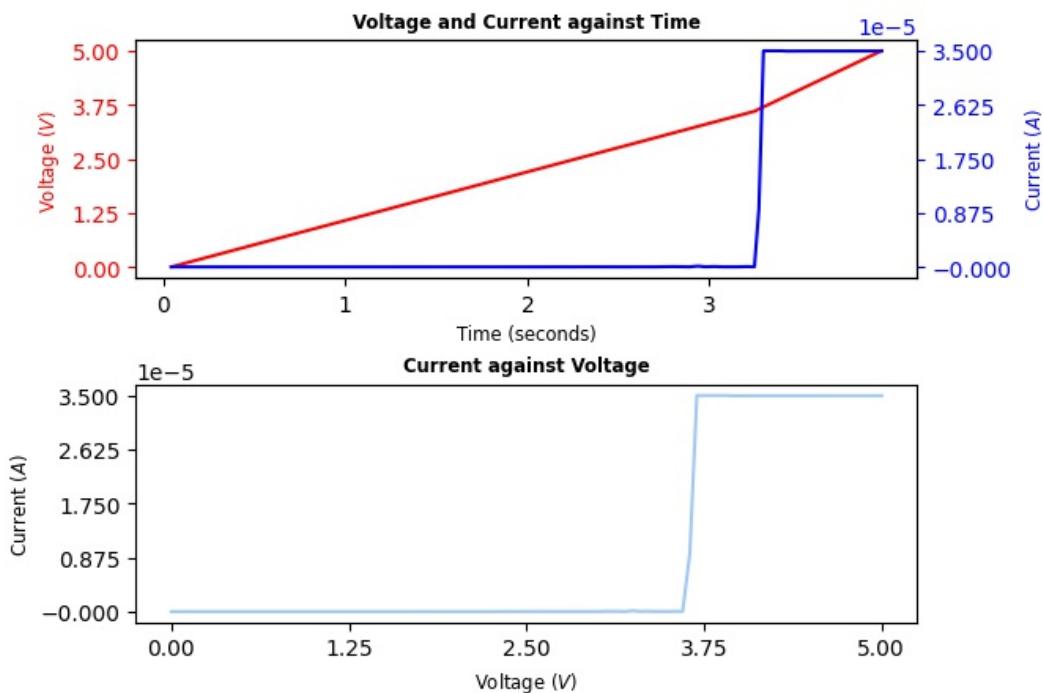
Platinum Voltage =

Copper Voltage =

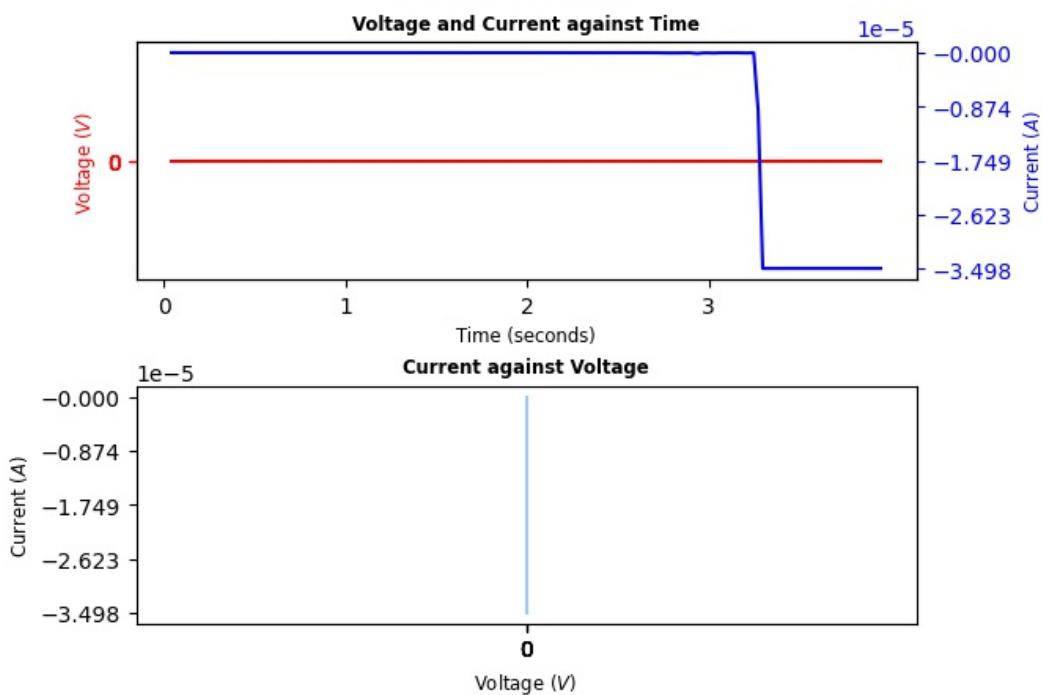
Run Folder Name = <2 probe, so invalid>

Comments = set at 3.7V

Probe A plots



Probe B plots



Stimulated at 12:25:11PM on 2022/April/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 = 35.0uA

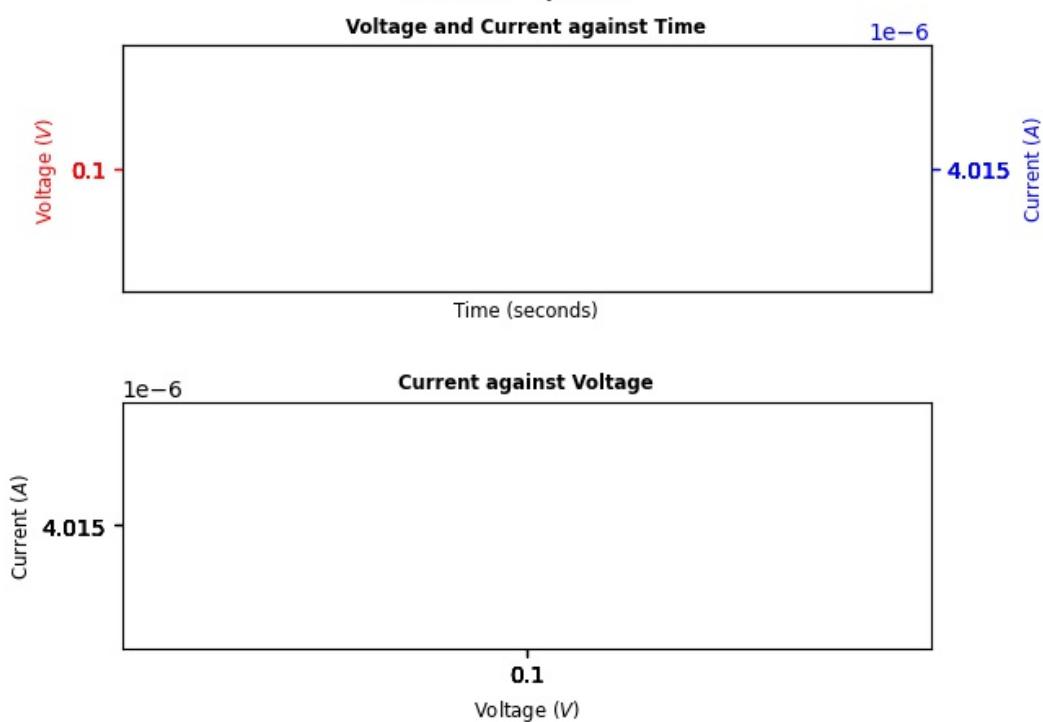
Platinum Voltage = 0V

Copper Voltage = 0.100V

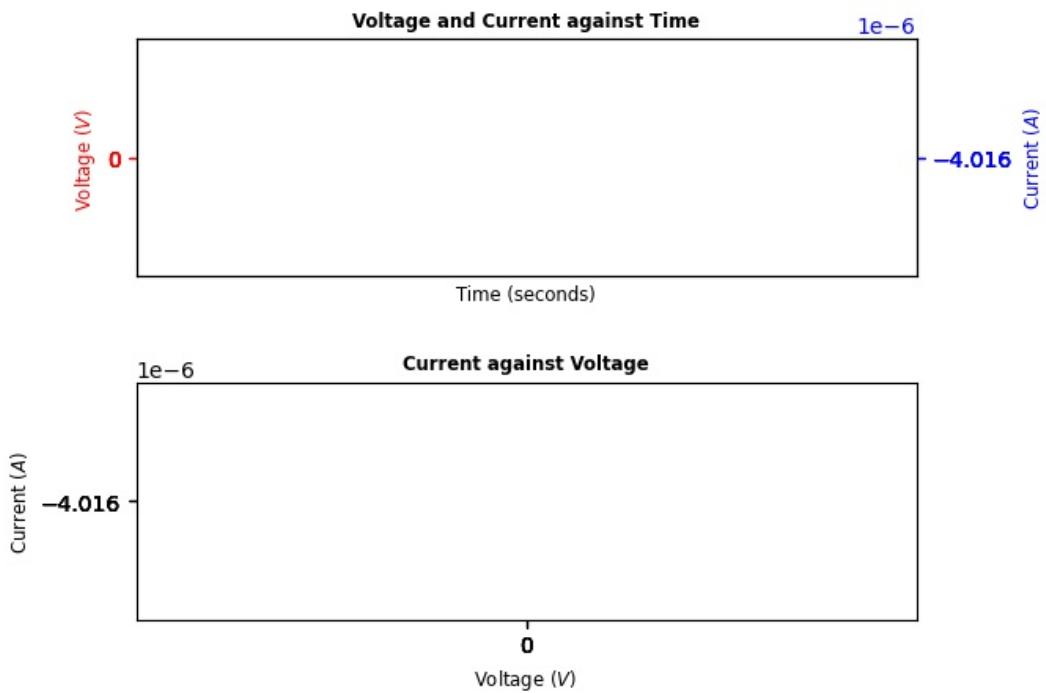
Run Folder Name = <2 probe, so invalid>

Comments = why??? 4uA?? State: Set*

Probe A plots



Probe B plots



Stimulated at 12:25:19PM on 2022/April/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 = 35.0uA

Platinum Voltage = 0V

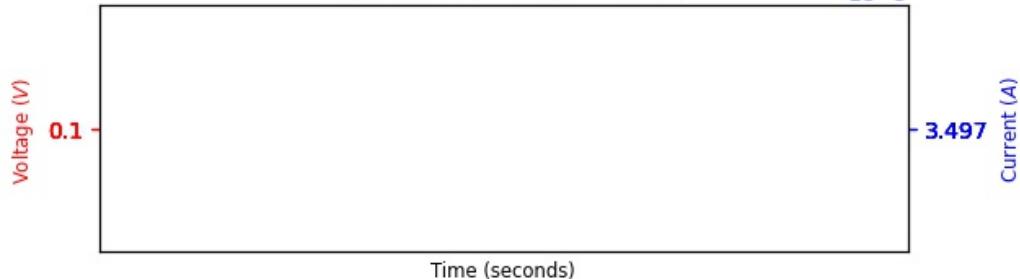
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

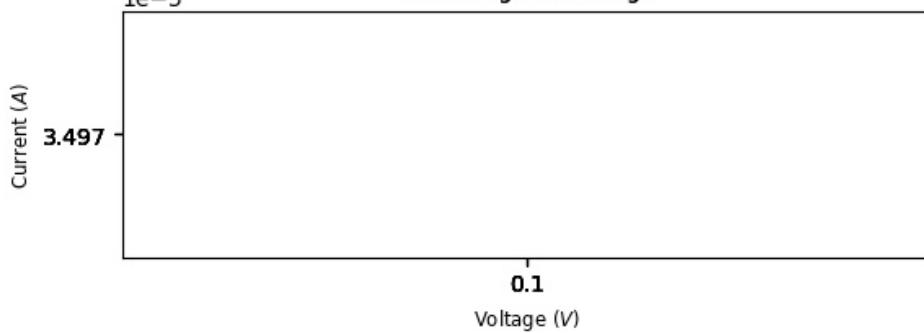
Comments = set, two observes back to back first did not set second did State: Set*

Probe A plots

Voltage and Current against Time

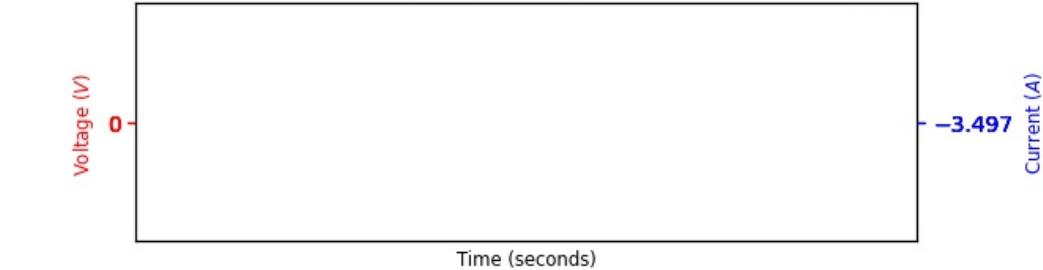


Current against Voltage

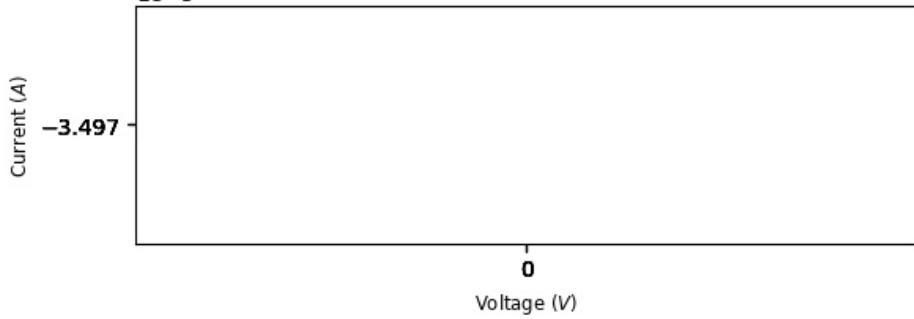


Probe B plots

Voltage and Current against Time



Current against Voltage



Stimulated at 12:26:32PM on 2022/April/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 = 35.0uA

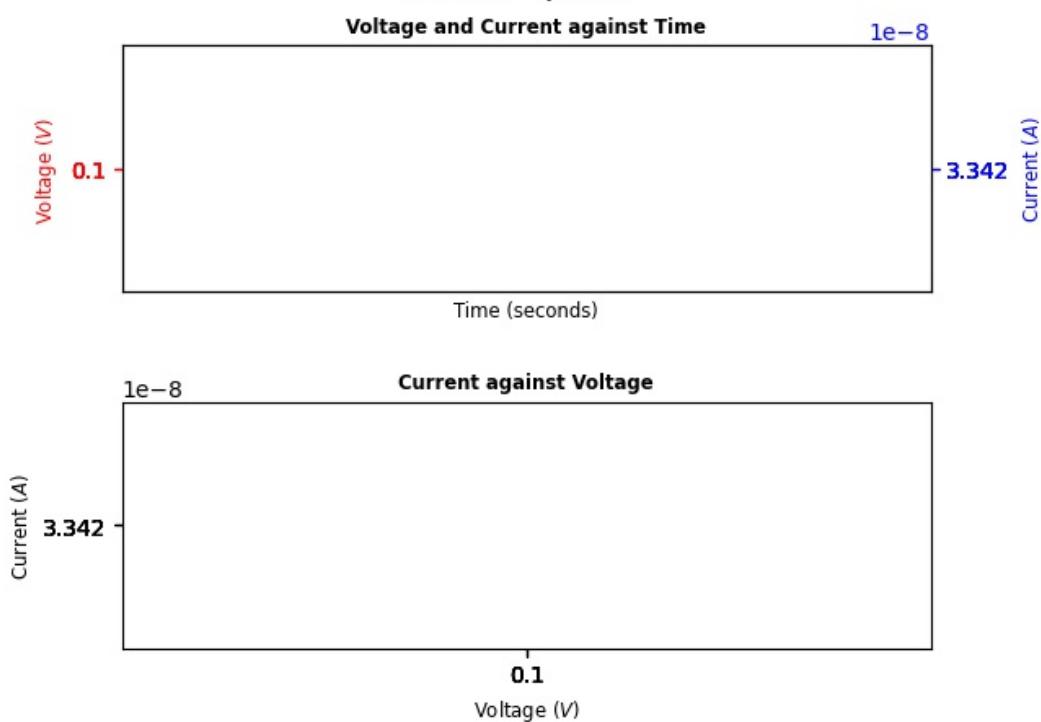
Platinum Voltage = 0V

Copper Voltage = 0.100V

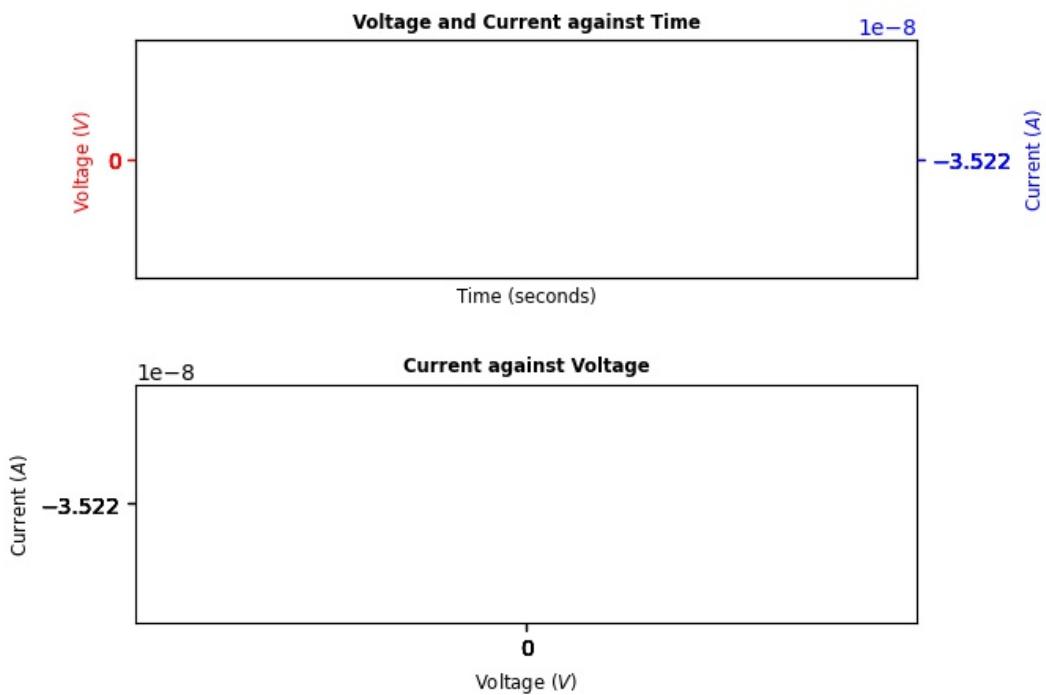
Run Folder Name = <2 probe, so invalid>

Comments = Reset State: Reset*

Probe A plots



Probe B plots



Stimulated at 12:27:04PM on 2022/April/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 = 35.0uA

Platinum Voltage = 0V

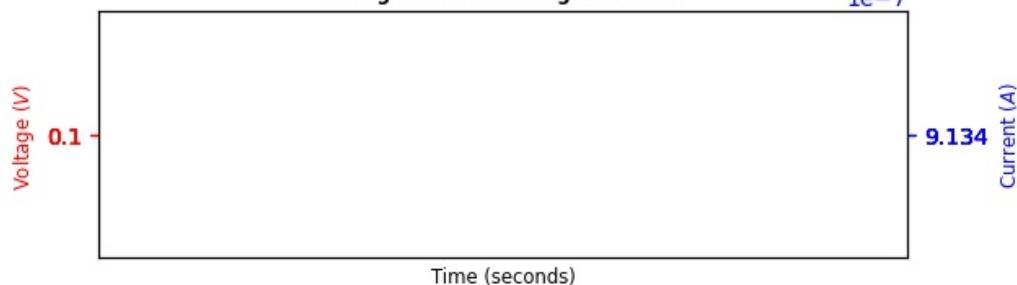
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

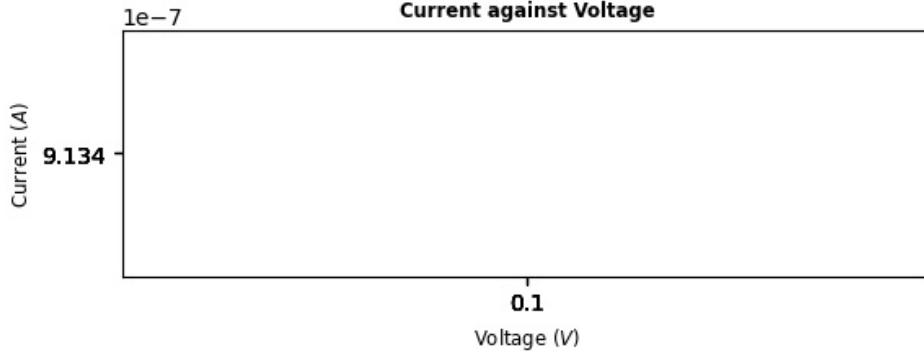
Comments = Reset State: Reset*

Probe A plots

Voltage and Current against Time



Current against Voltage

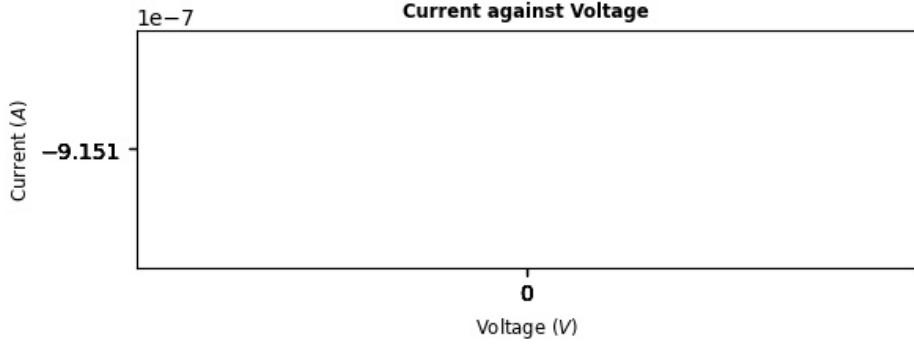


Probe B plots

Voltage and Current against Time



Current against Voltage



Stimulated at 12:27:22PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

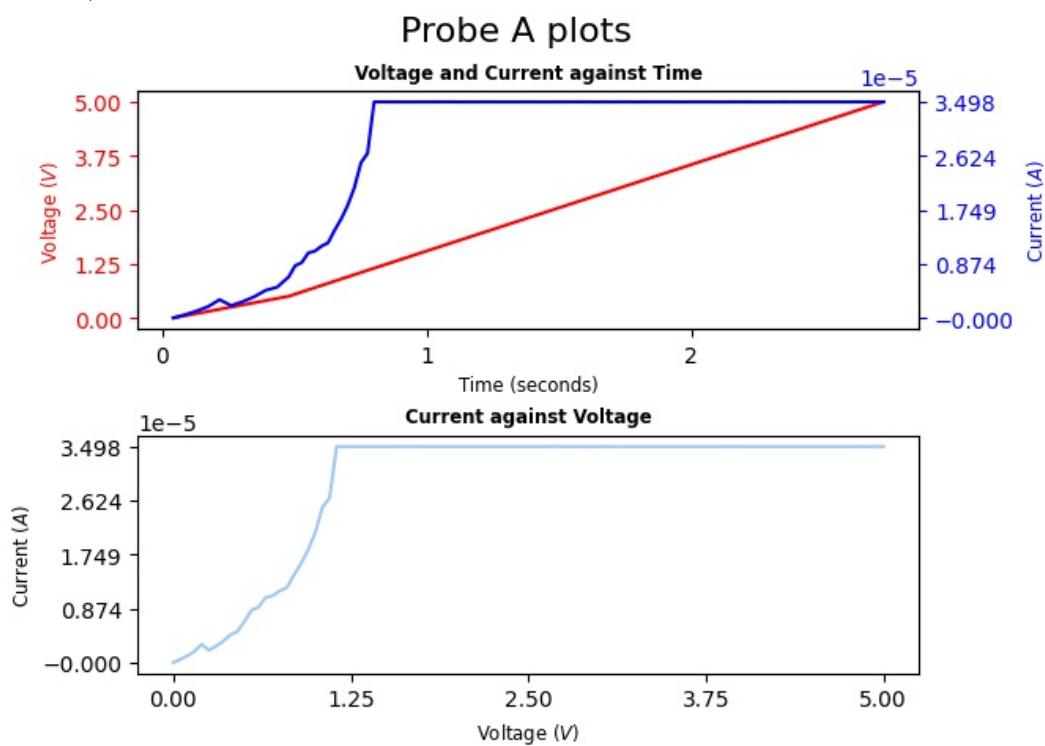
Compliance Current = 35.0uA

Platinum Voltage =

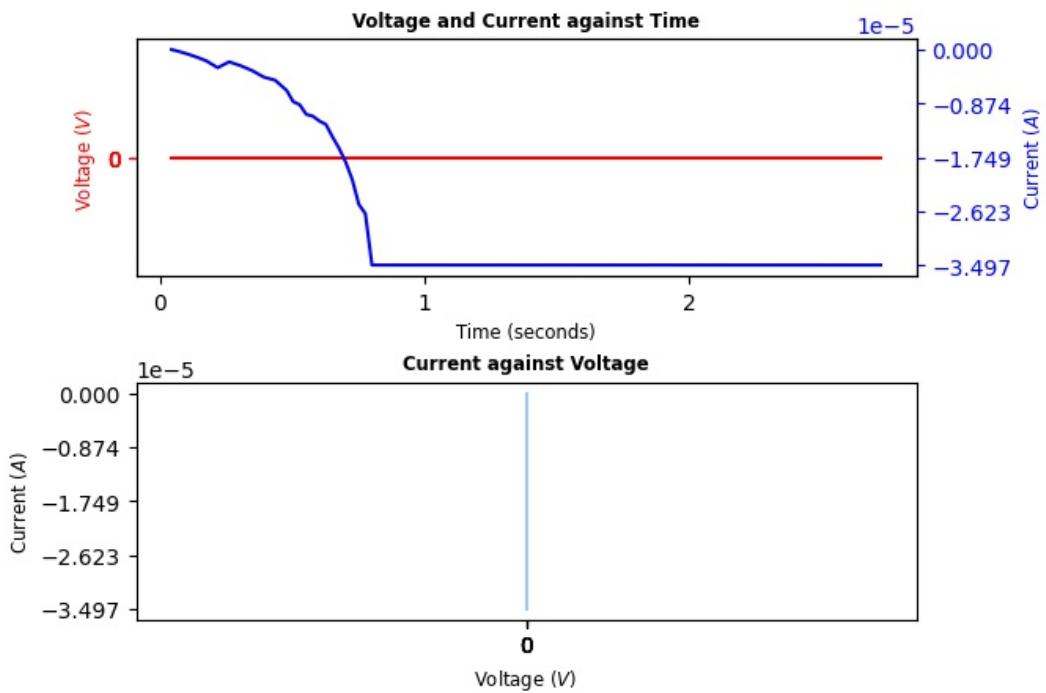
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = weird set, 1.15V



Probe B plots



Stimulated at 12:28:09PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

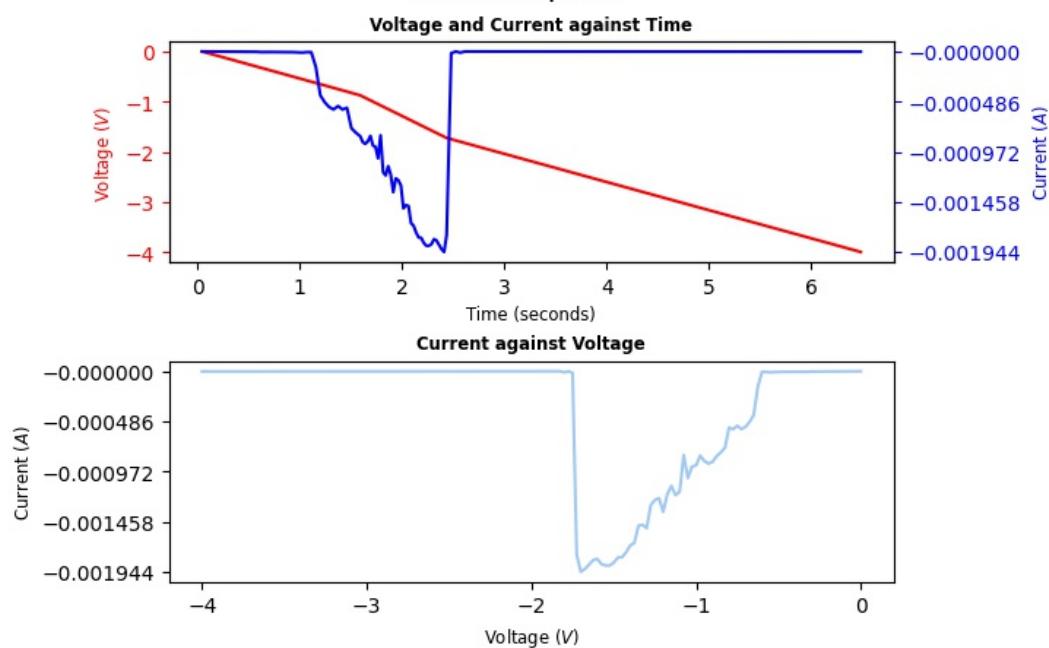
Platinum Voltage =

Copper Voltage =

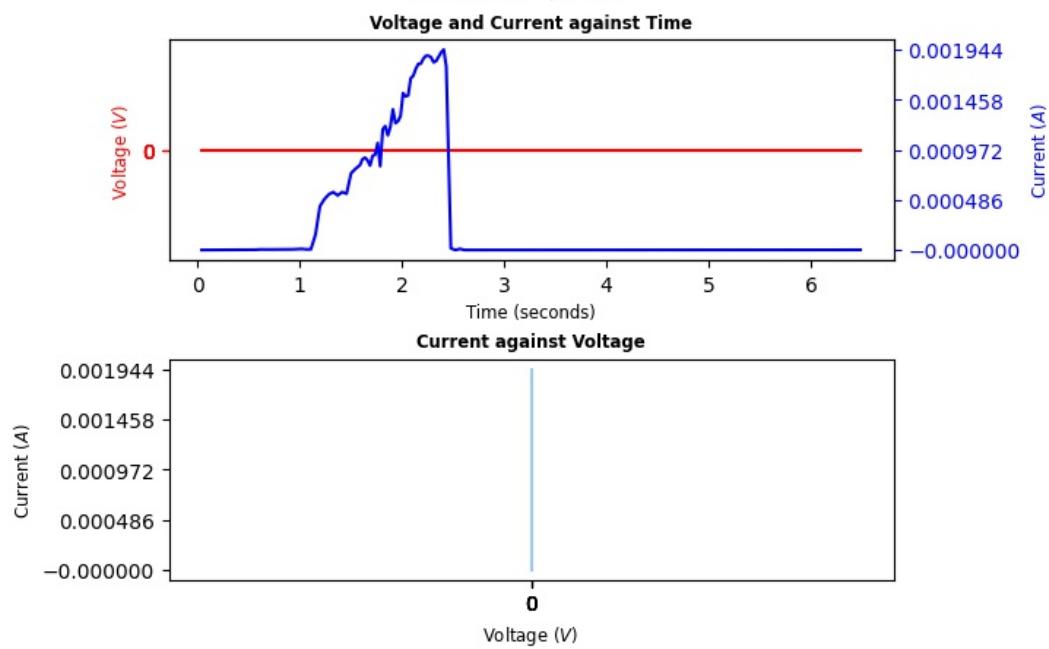
Run Folder Name = <2 probe, so invalid>

Comments = Reset, but it's weird

Probe A plots



Probe B plots



Stimulated at 12:28:33PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

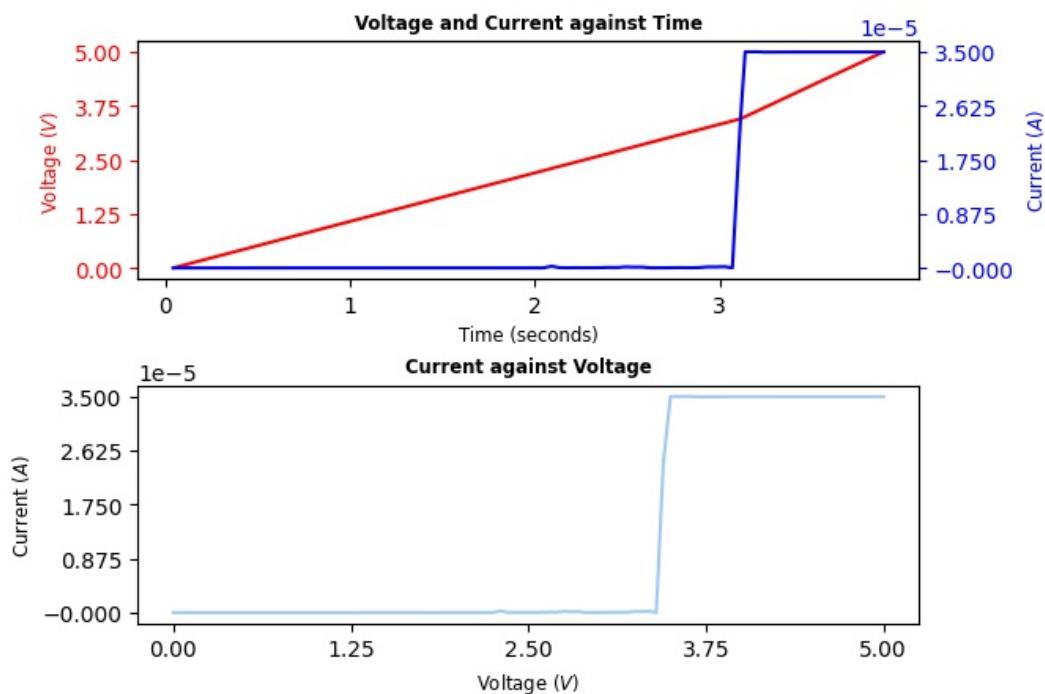
Platinum Voltage =

Copper Voltage =

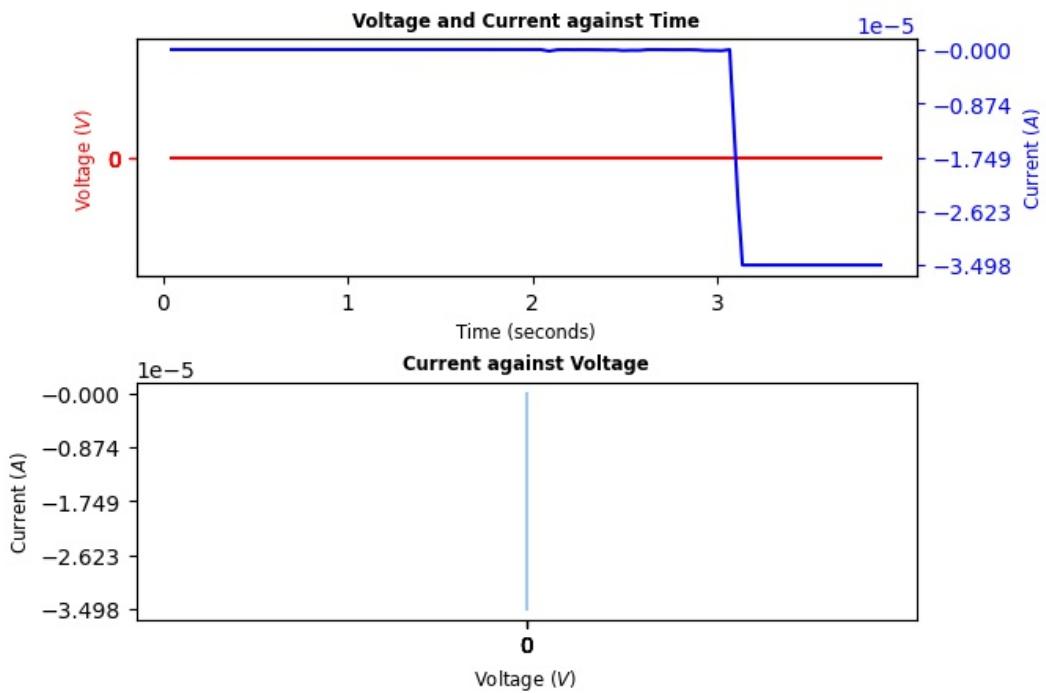
Run Folder Name = <2 probe, so invalid>

Comments = Good set, 3.5V

Probe A plots



Probe B plots



Stimulated at 12:29:18PM on 2022/April/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 = 35.0uA

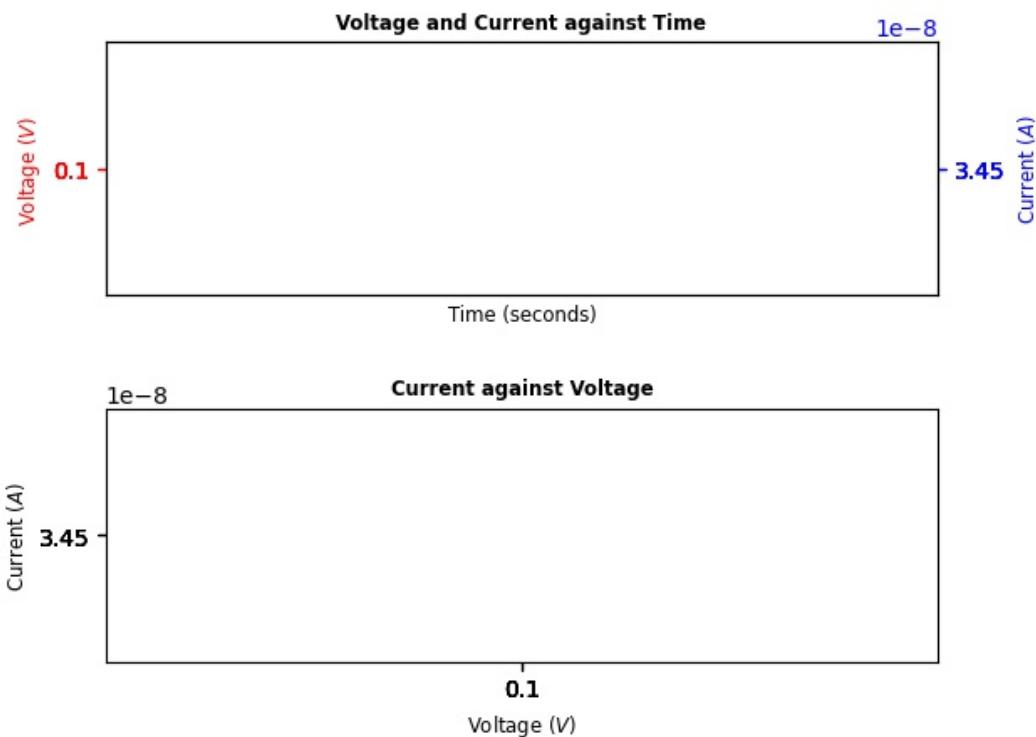
Platinum Voltage = 0V

Copper Voltage = 0.100V

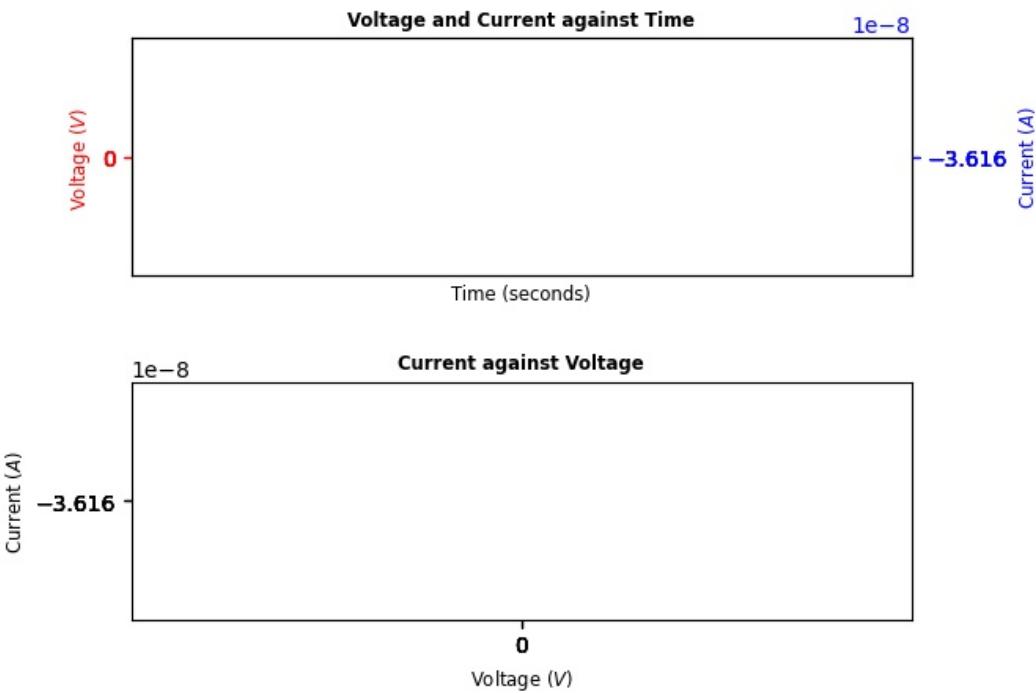
Run Folder Name = <2 probe, so invalid>

Comments = Reset State: Reset*

Probe A plots



Probe B plots



Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

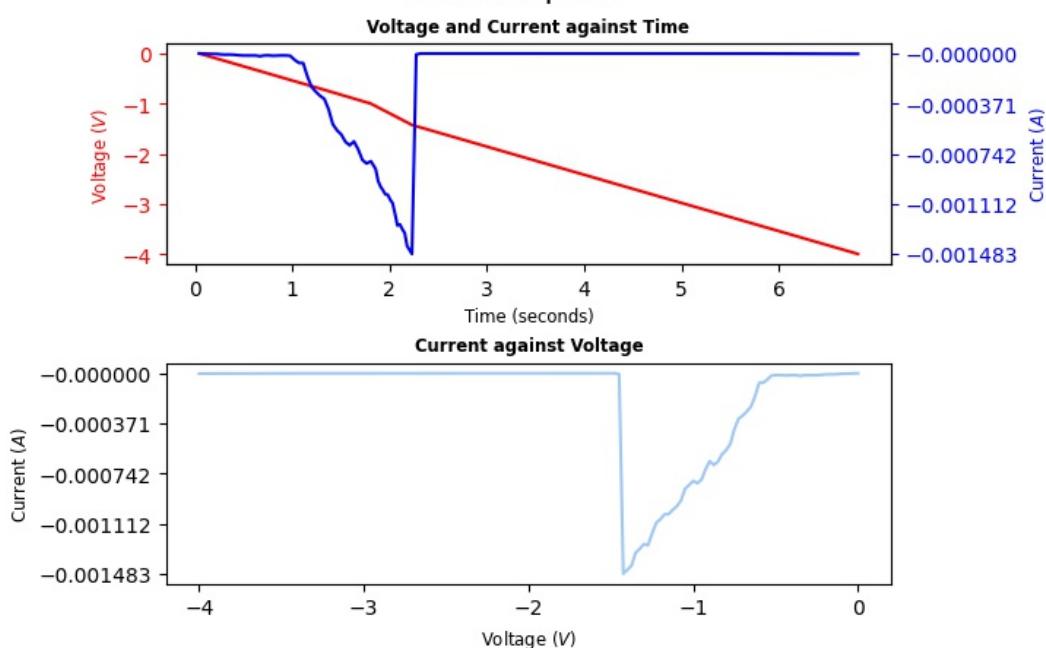
Platinum Voltage =

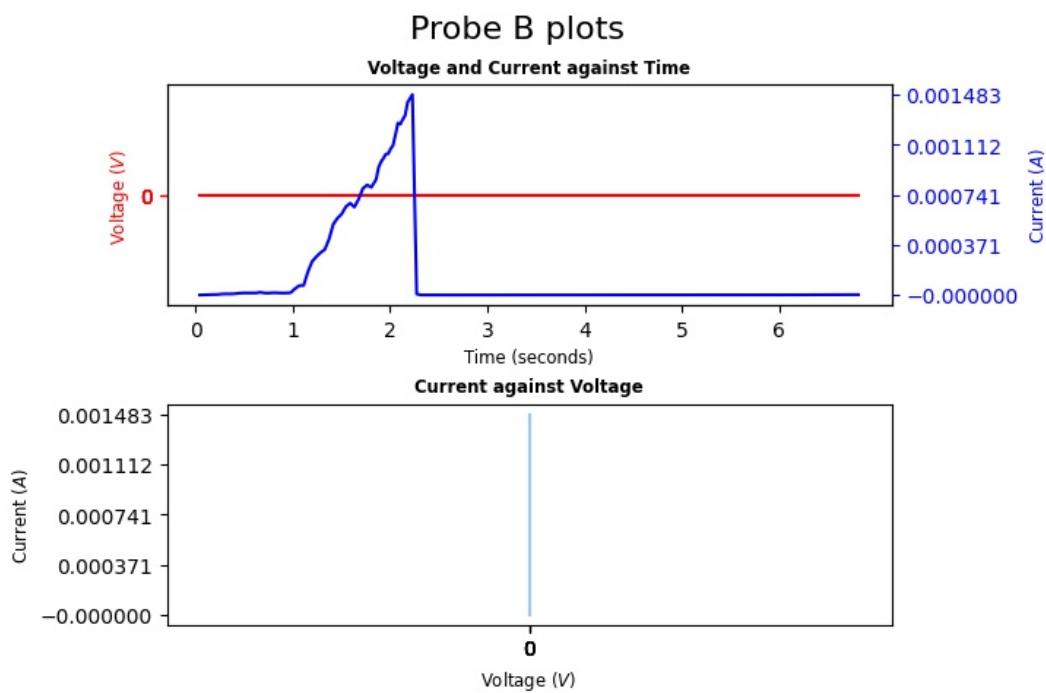
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset, starts with a slope of 0

Probe A plots





Stimulated at 12:30:42PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 35.0uA

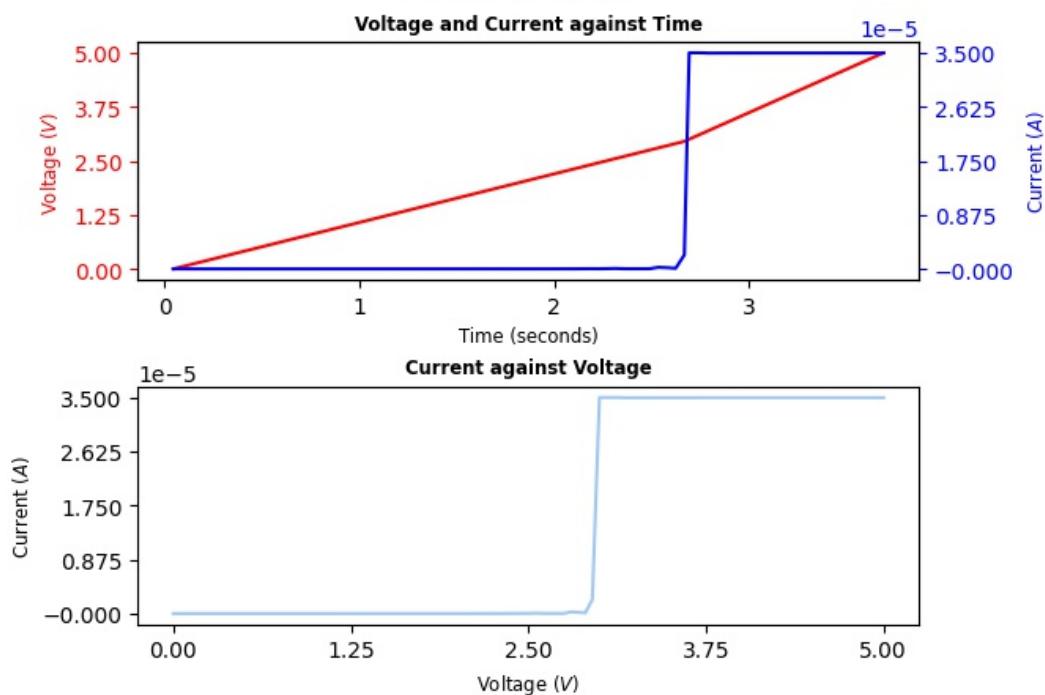
Platinum Voltage =

Copper Voltage =

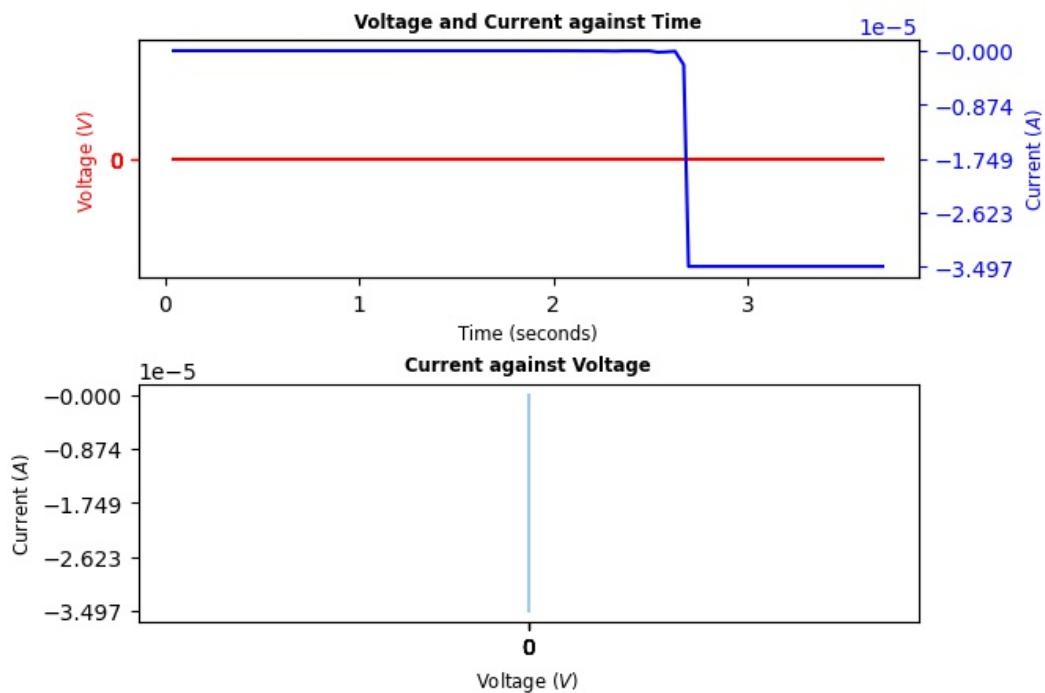
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3V

Probe A plots



Probe B plots



Stimulated at 12:32:30PM on 2022/April/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 = 1.0mA

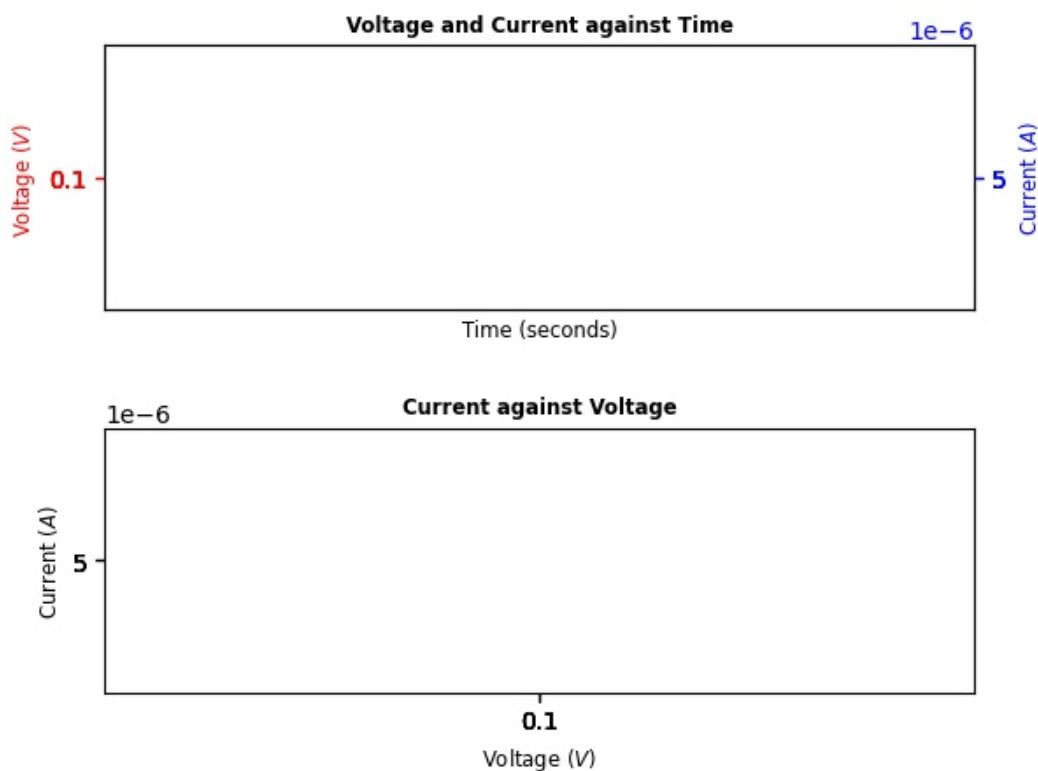
Platinum Voltage = 0V

Copper Voltage = 0.100V

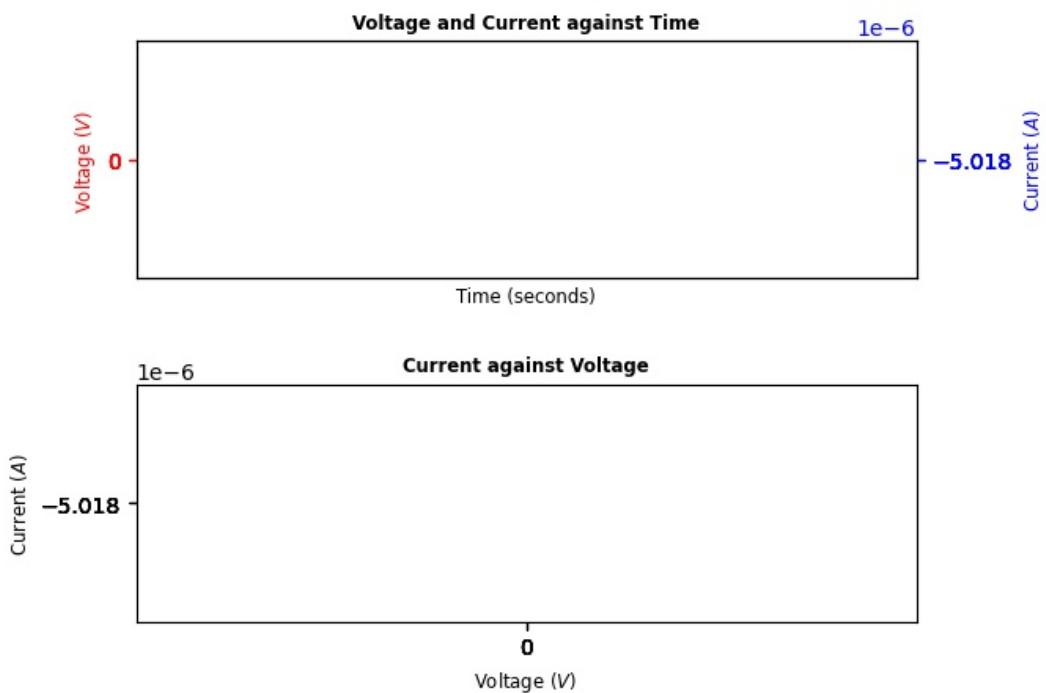
Run Folder Name = <2 probe, so invalid>

Comments = reset State: Set*

Probe A plots



Probe B plots



Stimulated at 12:33:08PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 45.0uA

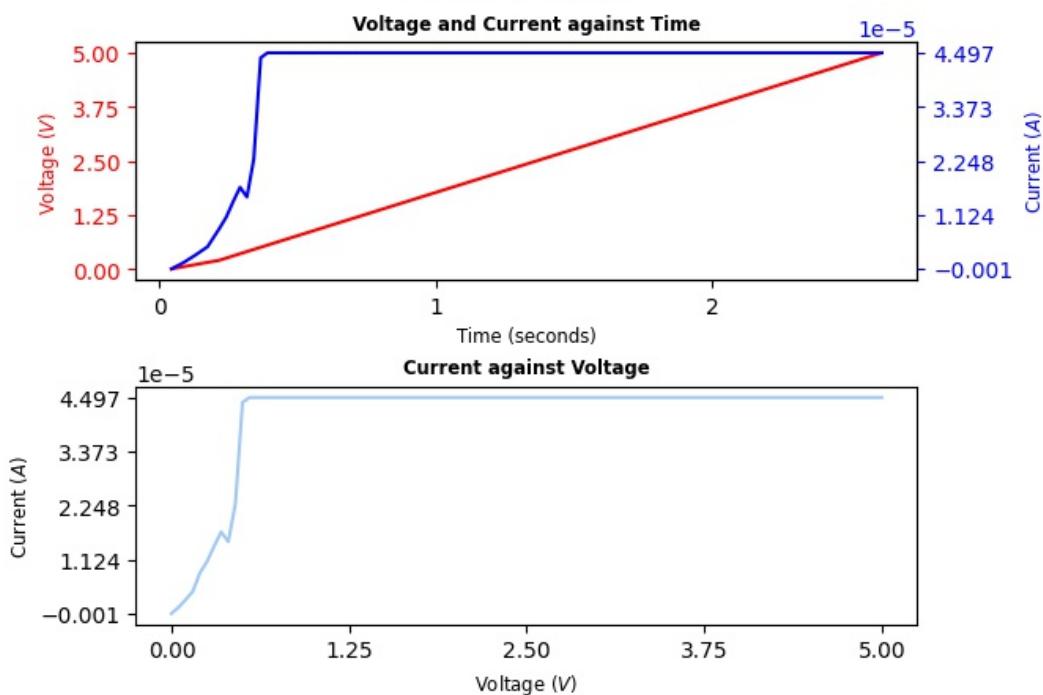
Platinum Voltage =

Copper Voltage =

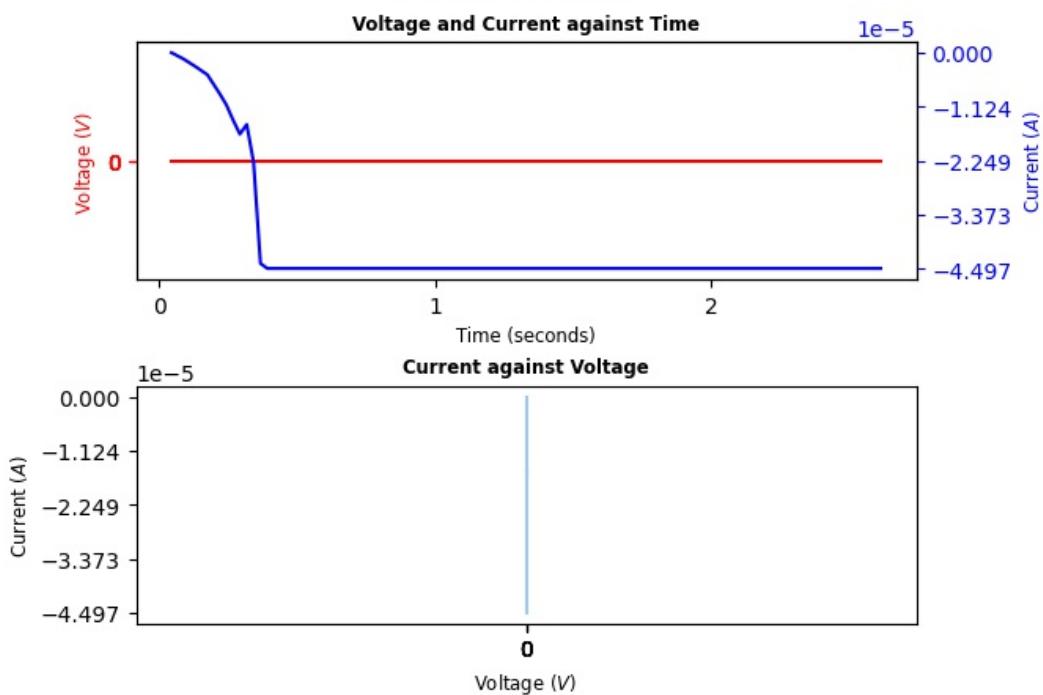
Run Folder Name = <2 probe, so invalid>

Comments = Set really quickly

Probe A plots



Probe B plots



Stimulated at 12:33:36PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

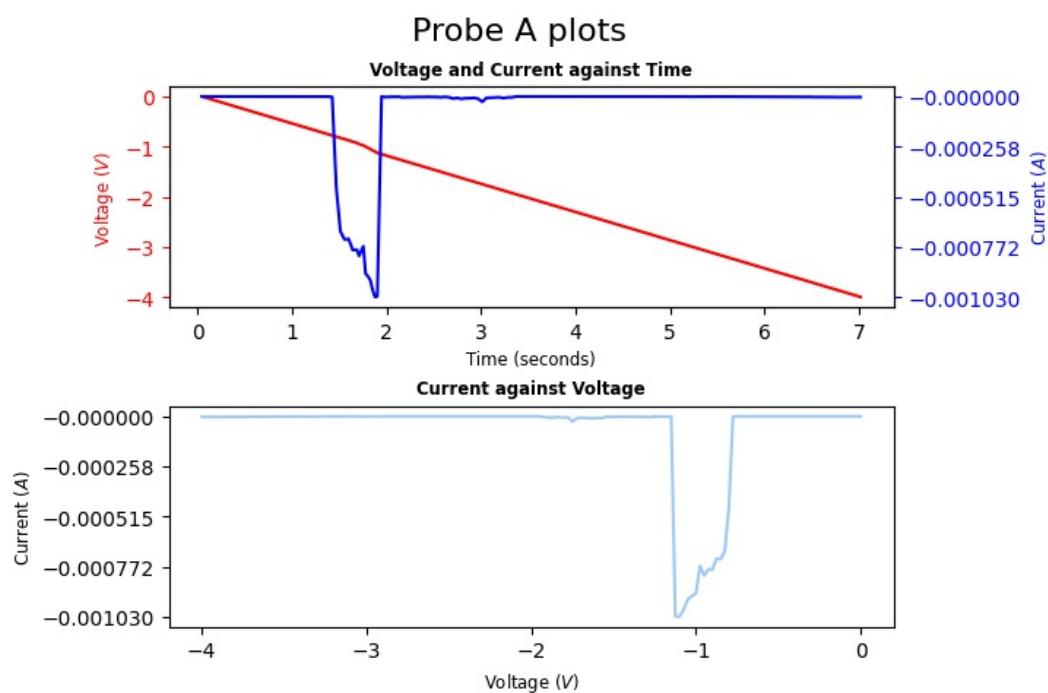
Compliance Current = 8.0mA

Platinum Voltage =

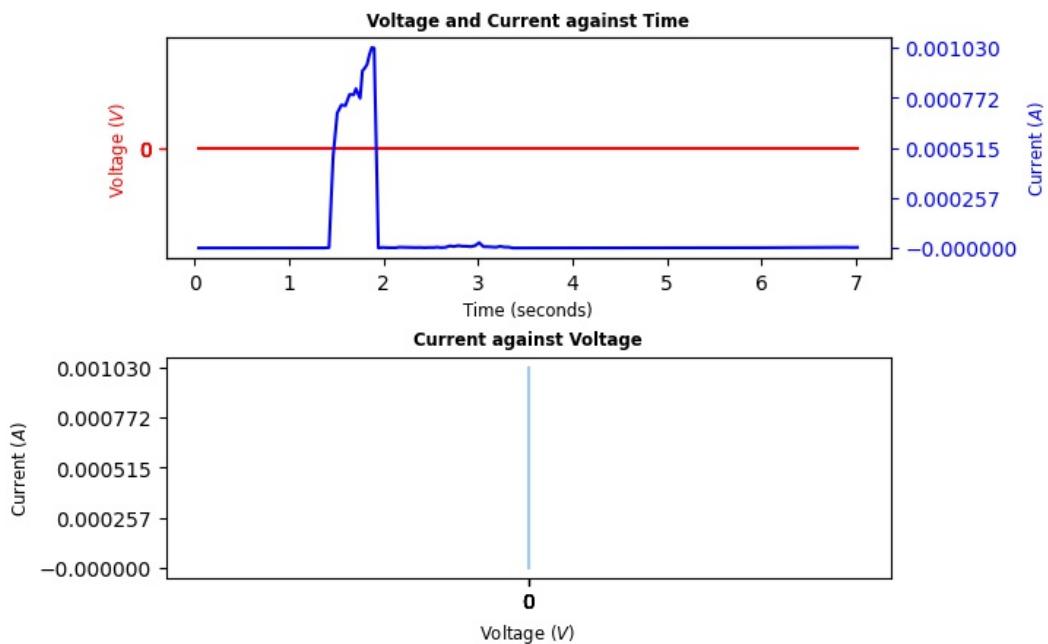
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset



Probe B plots



Stimulated at 12:33:52PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 45.0uA

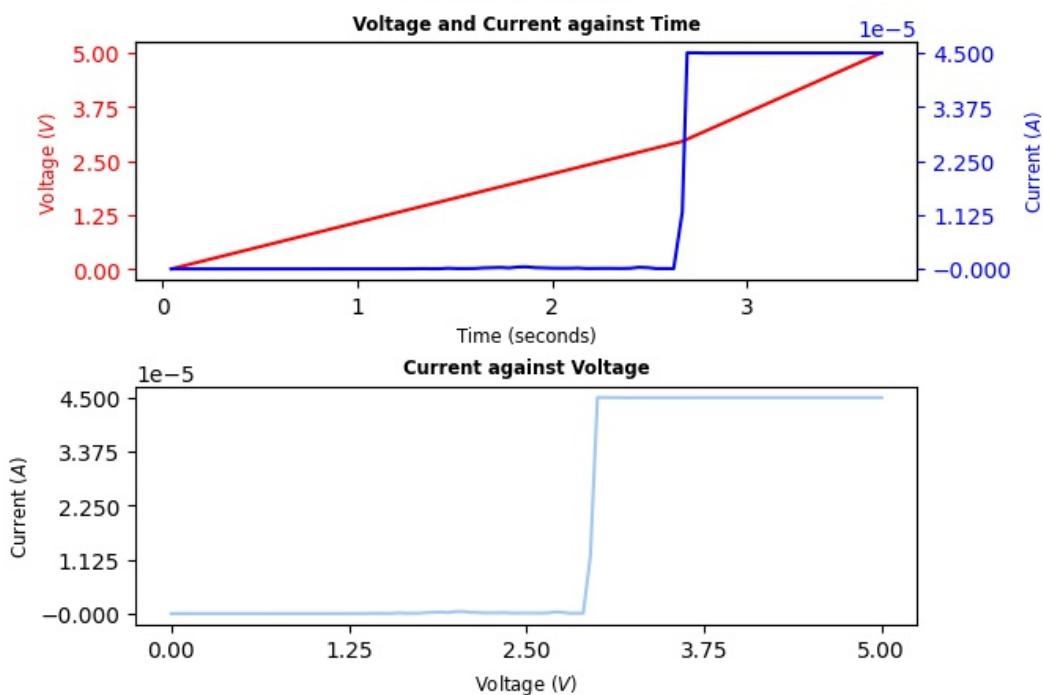
Platinum Voltage =

Copper Voltage =

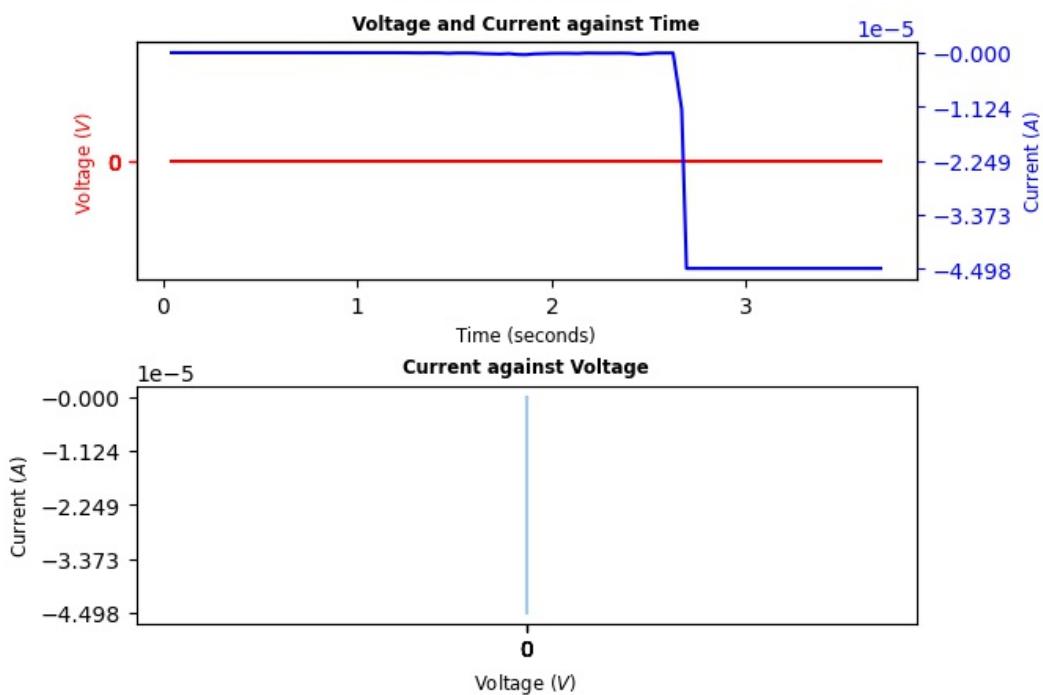
Run Folder Name = <2 probe, so invalid>

Comments = Set at 3V

Probe A plots



Probe B plots



Stimulated at 12:34:14PM on 2022/April/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 = 1.0mA

Platinum Voltage = 0V

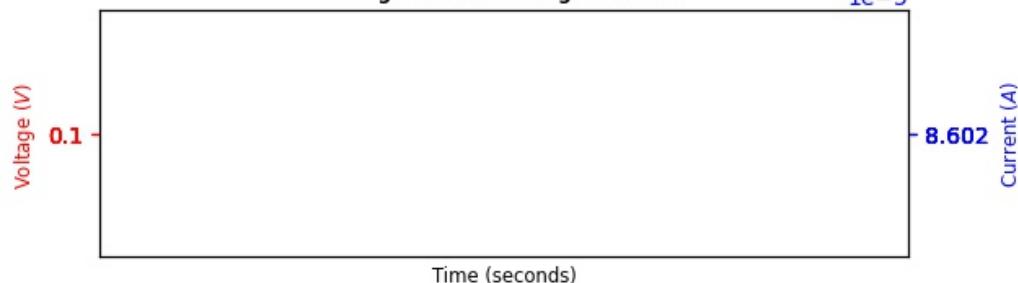
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

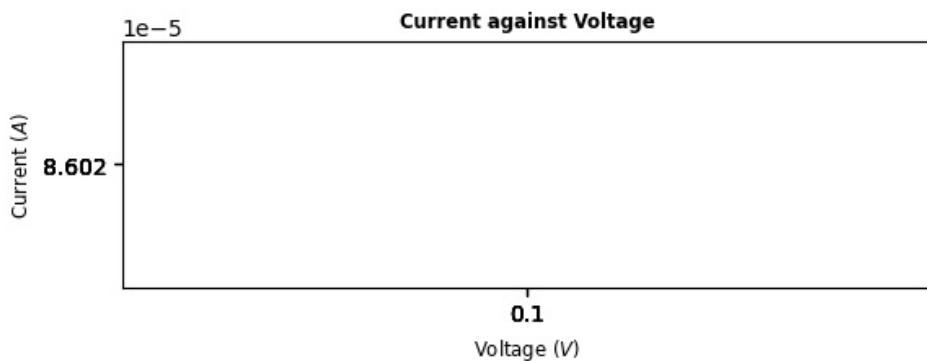
Comments = Reset State: Set*

Probe A plots

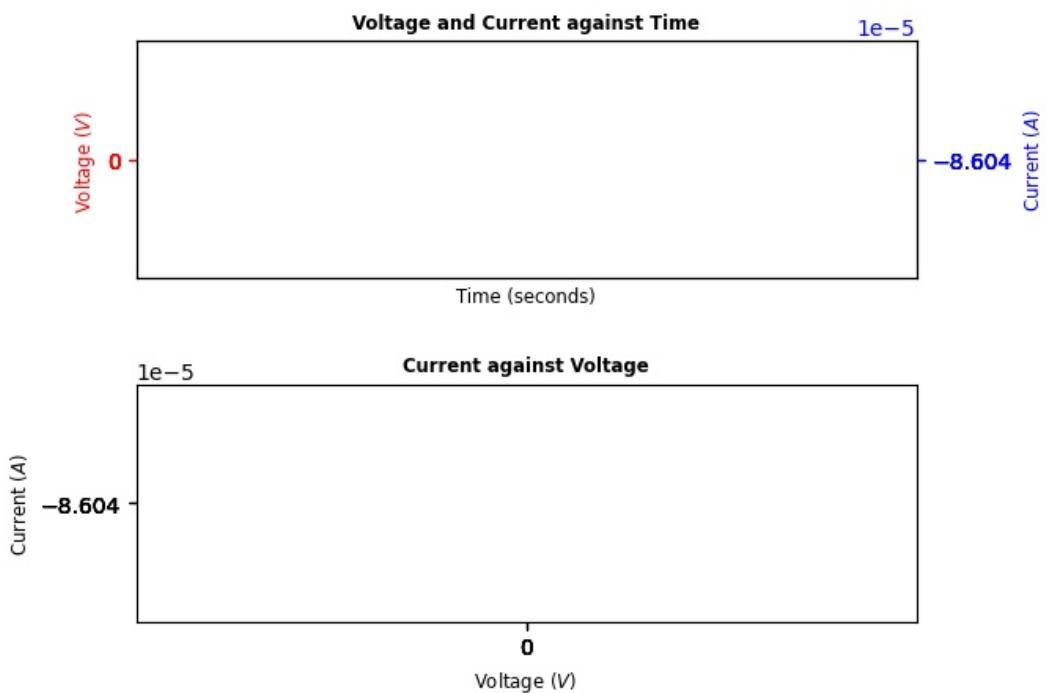
Voltage and Current against Time



Current against Voltage



Probe B plots



Stimulated at 12:34:26PM on 2022/April/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 = 1.0mA

Platinum Voltage = 0V

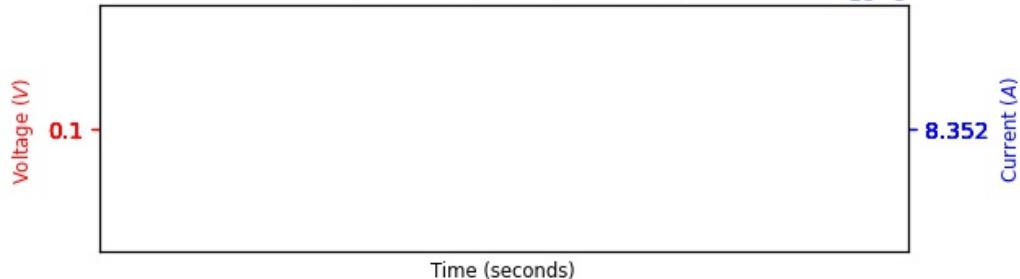
Copper Voltage = 0.100V

Run Folder Name = <2 probe, so invalid>

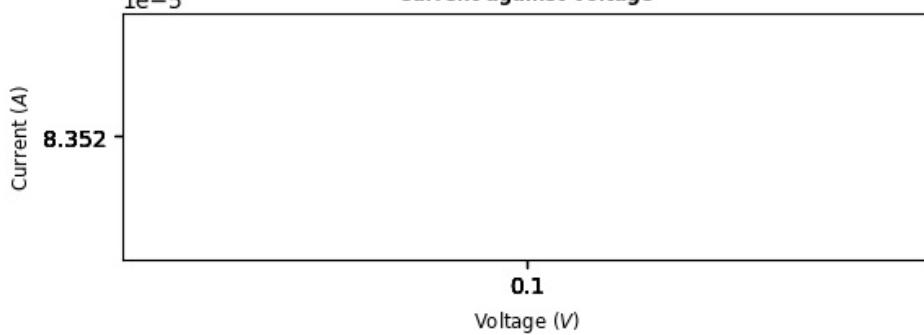
Comments = Reset State: Set*

Probe A plots

Voltage and Current against Time

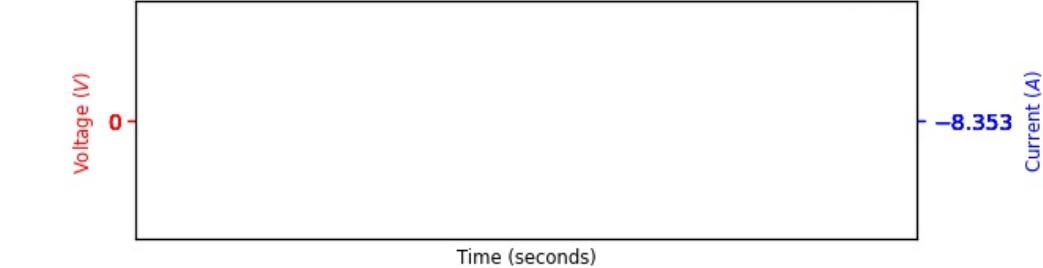


Current against Voltage

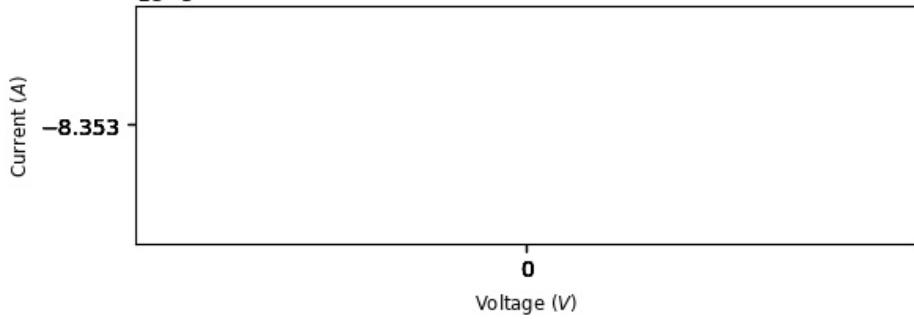


Probe B plots

Voltage and Current against Time



Current against Voltage



Stimulated at 12:35:37PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

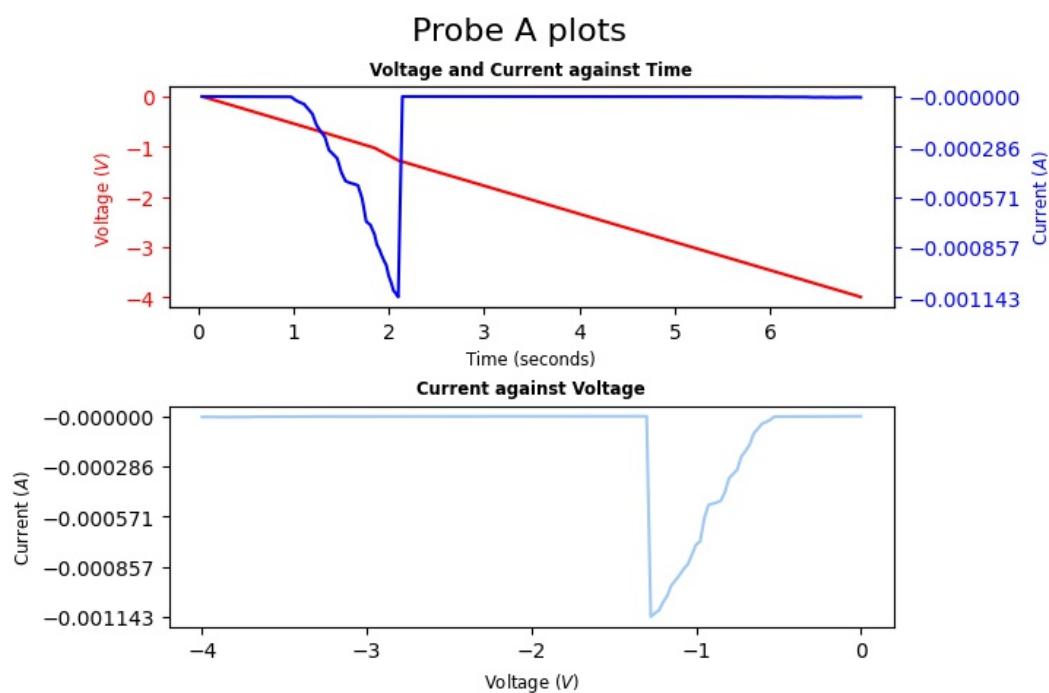
Compliance Current = 8.0mA

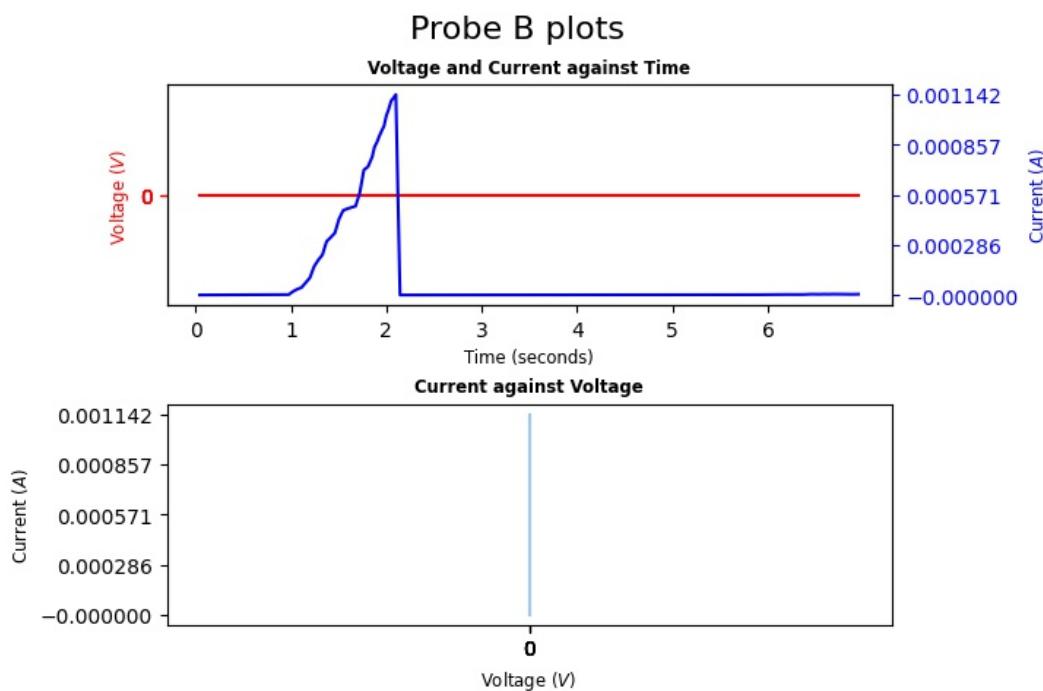
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Reset





Stimulated at 12:35:59PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

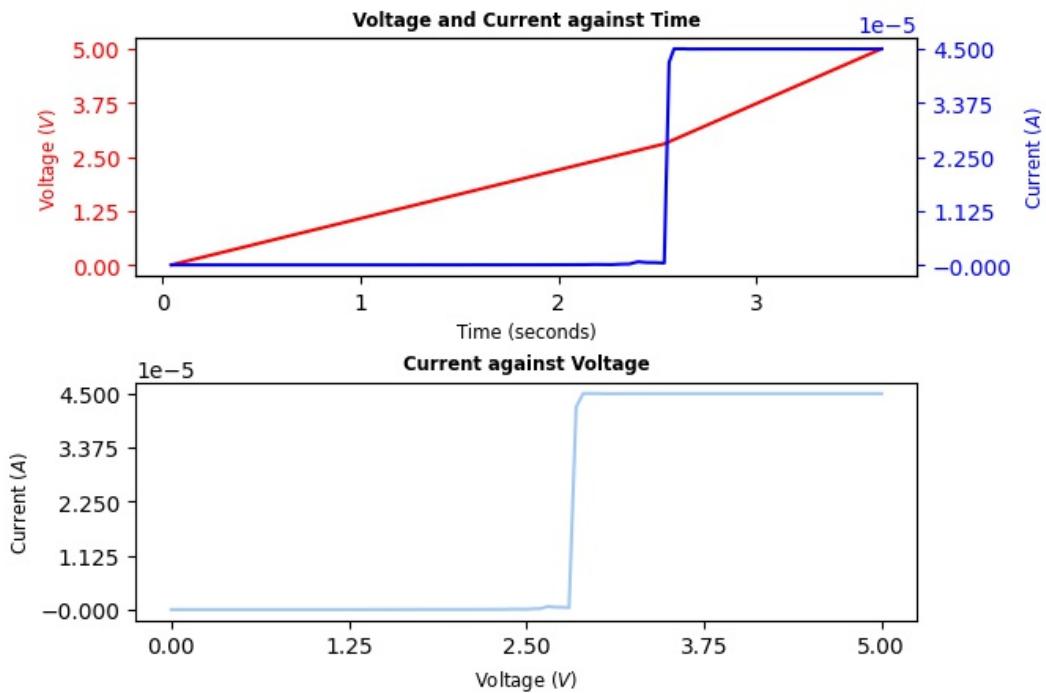
Compliance Current = 45.0uA

Platinum Voltage =

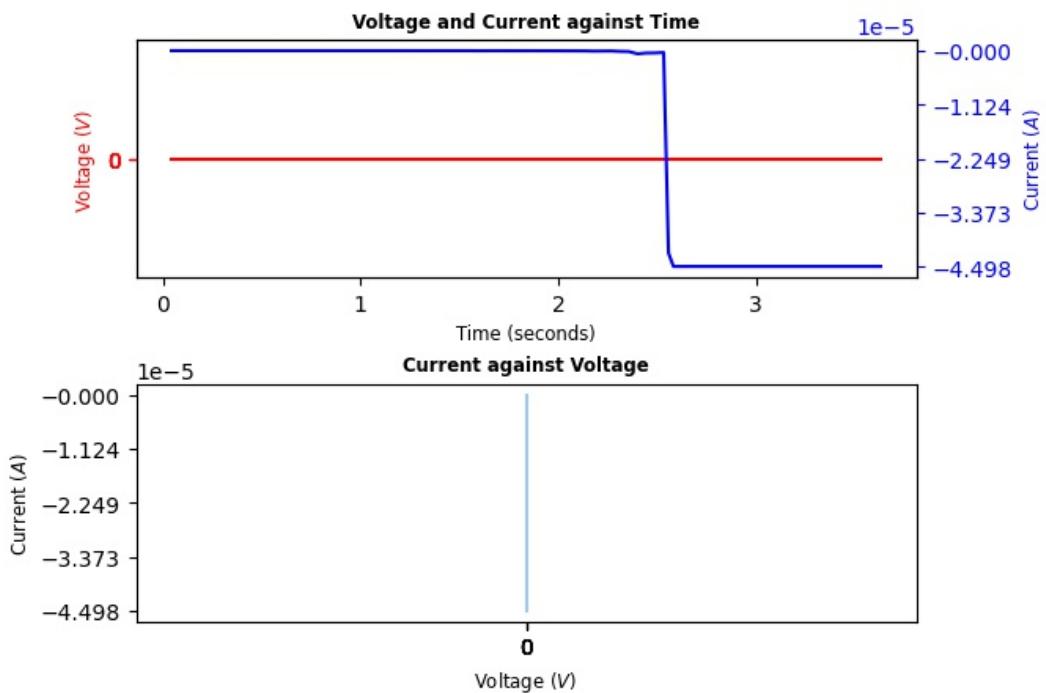
Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Probe A plots



Probe B plots



Stimulated at 12:38:13PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 1V

Ramp Rate = 1V/s

Compliance Current = 1.0mA

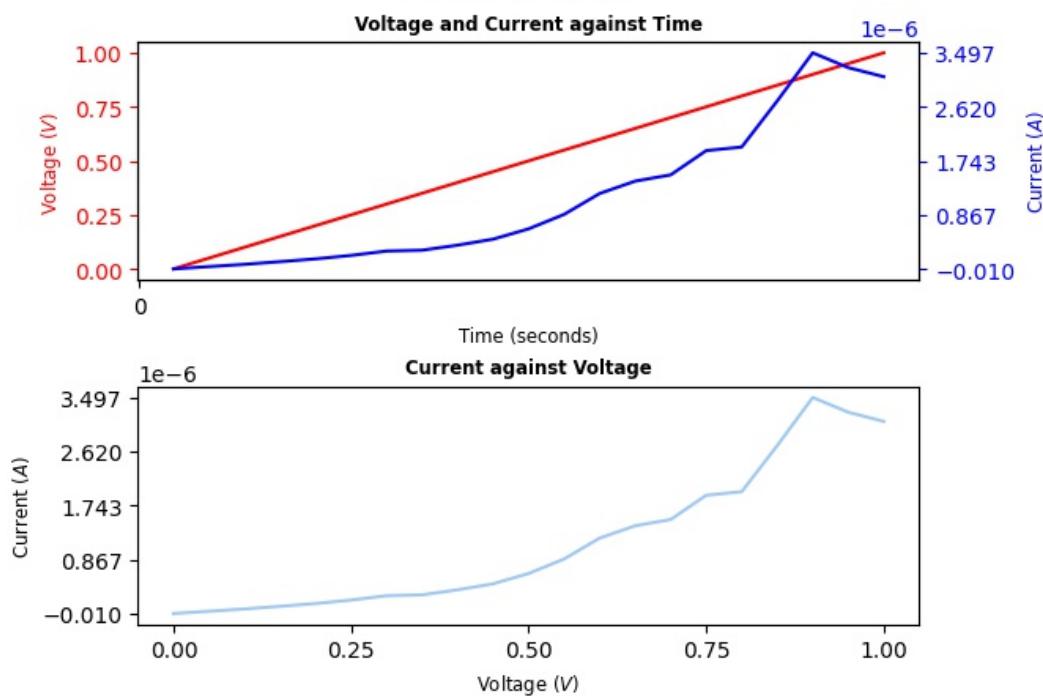
Platinum Voltage =

Copper Voltage =

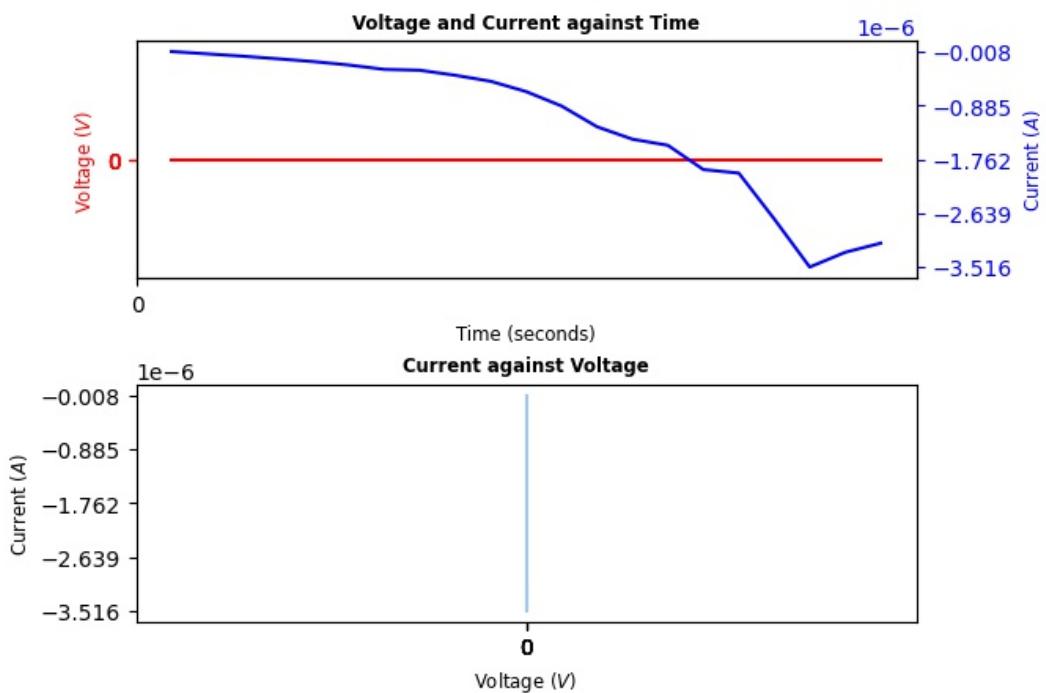
Run Folder Name = <2 probe, so invalid>

Comments = Was a test of the already set filament to see if it increased linearly

Probe A plots



Probe B plots



Stimulated at 12:39:53PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 2V

Ramp Rate = 1V/s

Compliance Current = 1.0mA

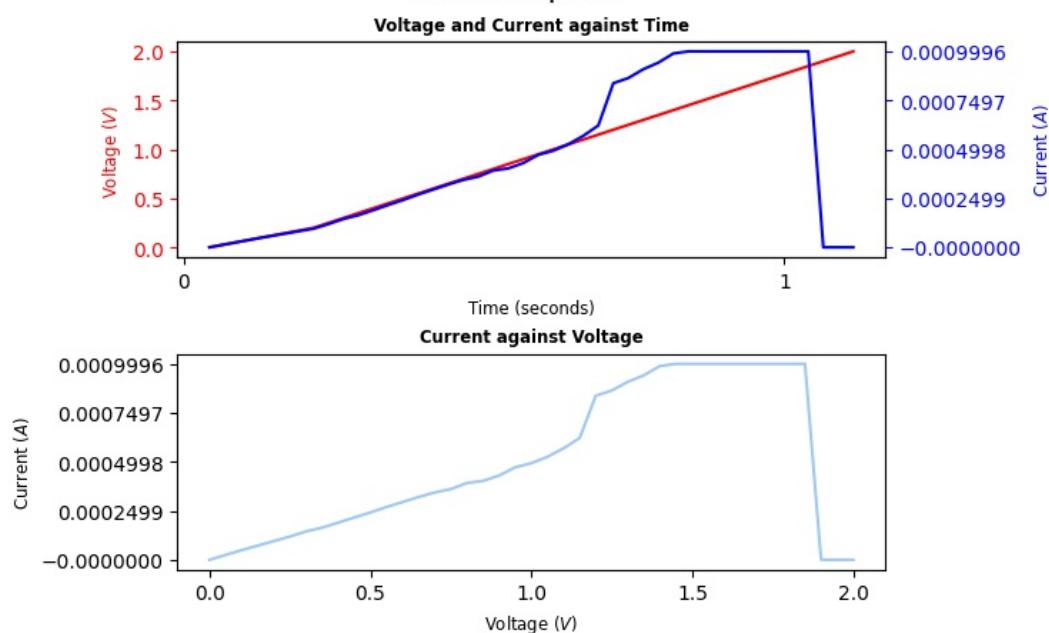
Platinum Voltage =

Copper Voltage =

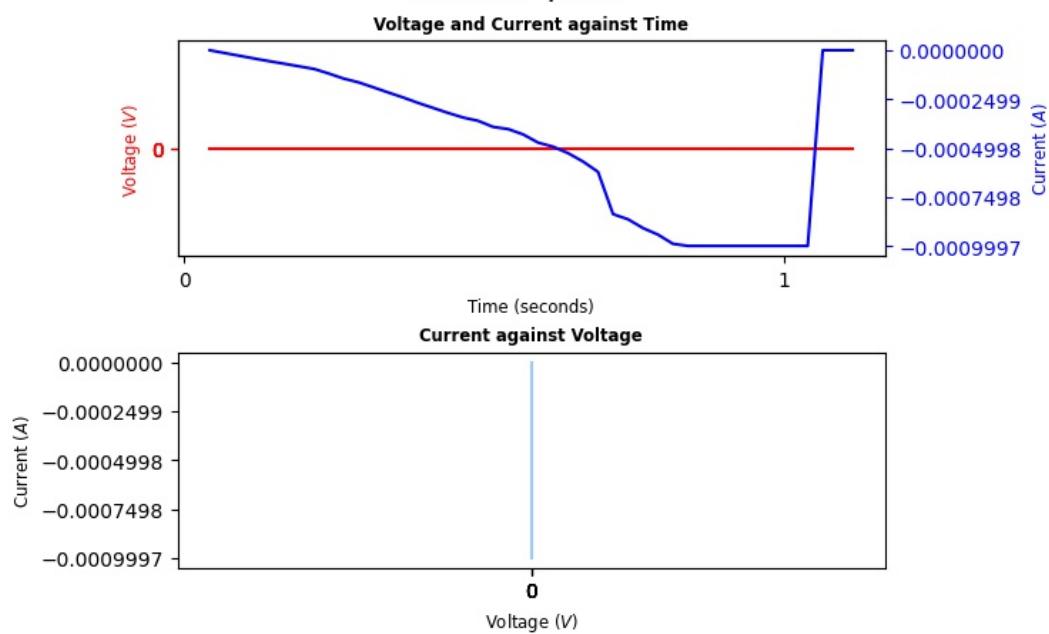
Run Folder Name = <2 probe, so invalid>

Comments = Same test as previous run but going to 2 V

Probe A plots



Probe B plots



Stimulated at 12:40:36PM on 2022/April/01

Activity = reset

Start Voltage = 0V

End Voltage = -4V

Ramp Rate = 1V/s

Compliance Current = 8.0mA

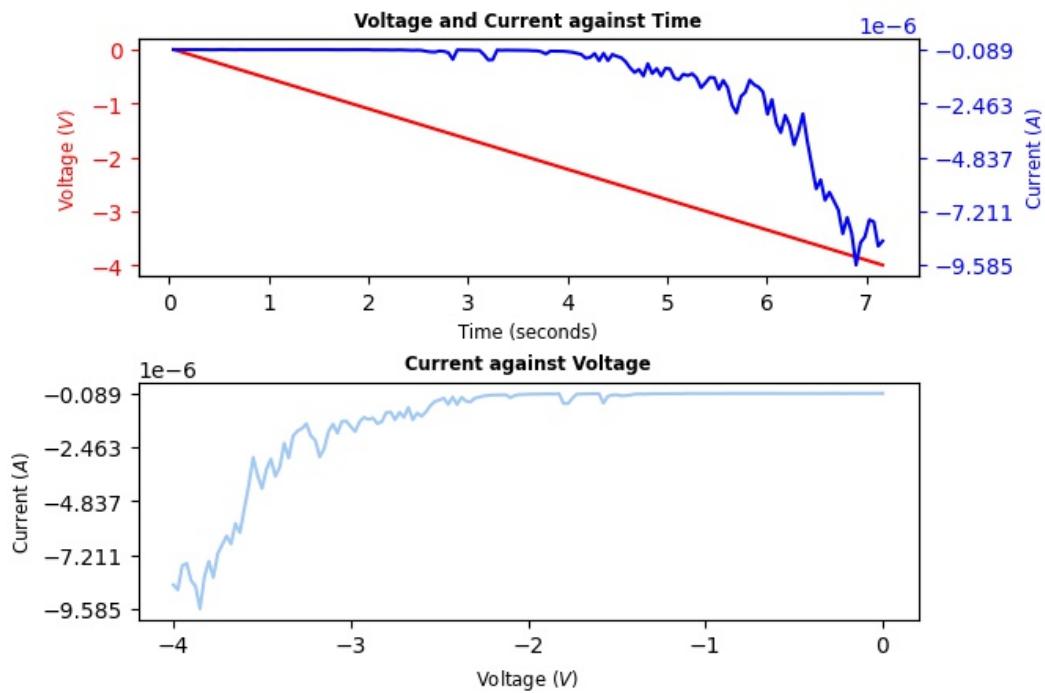
Platinum Voltage =

Copper Voltage =

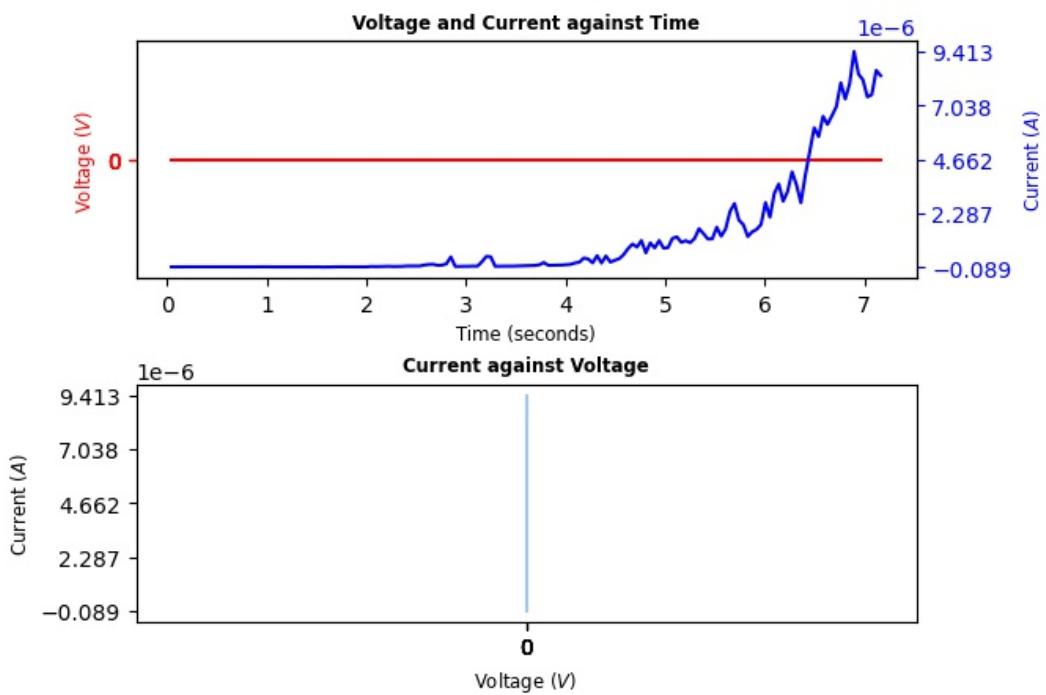
Run Folder Name = <2 probe, so invalid>

Comments = Already in reset

Probe A plots



Probe B plots



Stimulated at 12:41:33PM on 2022/April/01

Activity = set

Start Voltage = 0V

End Voltage = 5V

Ramp Rate = 1V/s

Compliance Current = 45.0uA

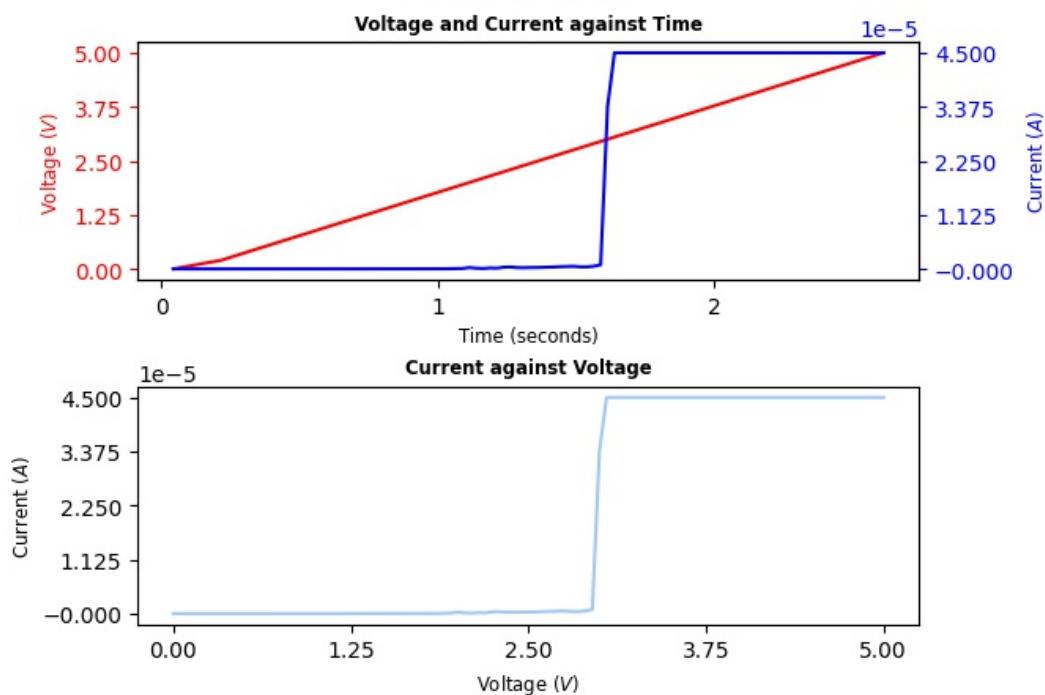
Platinum Voltage =

Copper Voltage =

Run Folder Name = <2 probe, so invalid>

Comments = Set at 3.05V

Probe A plots



Probe B plots

