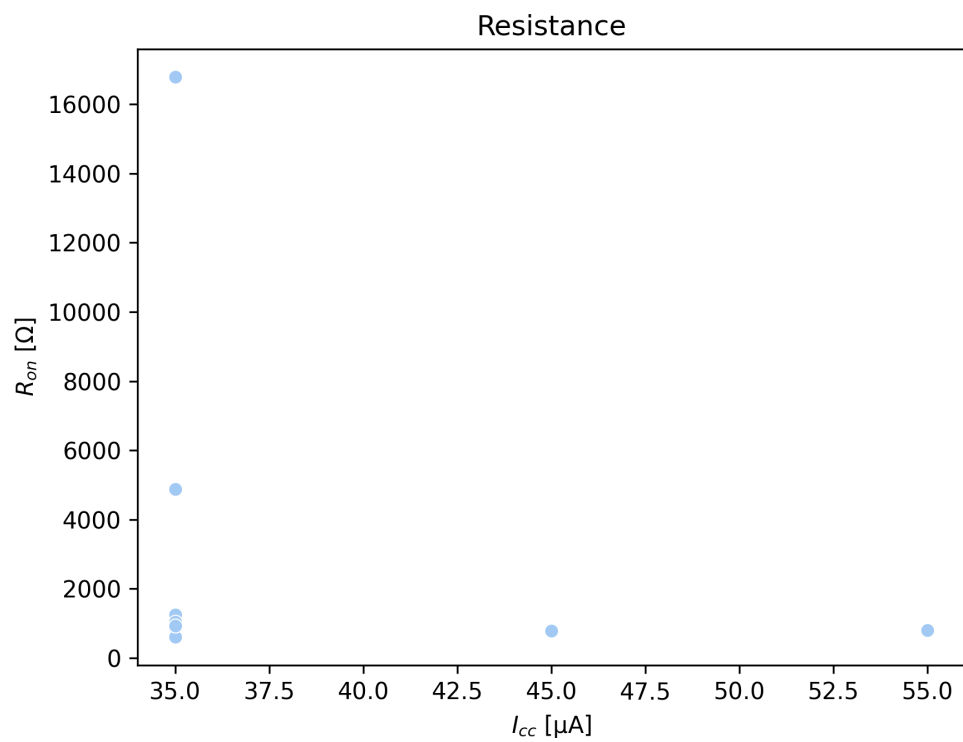


(wafer2,0,8,-1,-1,2,1) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 35
- **Last Measurement:** 2022/April/03 at 02:04:52PM

Summary

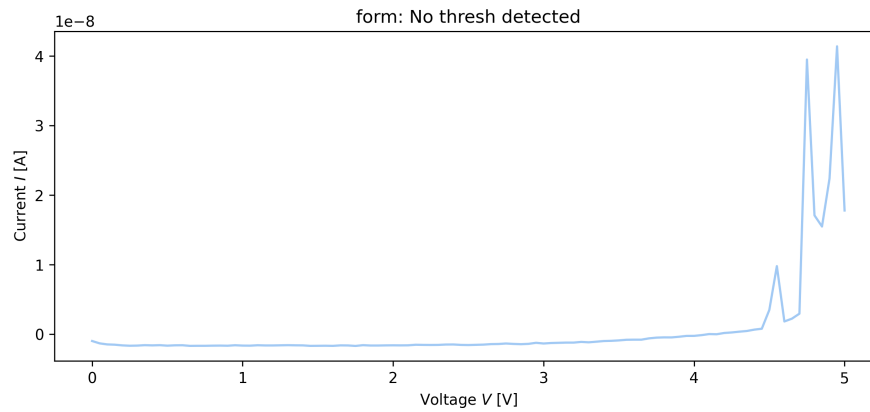
| Cycle # | Set Icc (μ A) | Set Voltage (V) | R_on (Ω) | R2 |
|---------|--------------------|-----------------|-------------------|-------|
| 1 | 35.0 | 4.20 | 783.13 | 1.000 |
| 2 | 35.0 | 4.20 | 16786.01 | 0.993 |
| 3 | 35.0 | 4.20 | 4882.85 | 0.992 |
| 4 | 35.0 | 4.20 | 1242.76 | 1.000 |
| 5 | 35.0 | 4.20 | 1040.61 | 1.000 |
| 6 | 35.0 | 4.20 | 712.18 | 1.000 |
| 7 | 35.0 | 4.20 | 748.56 | 1.000 |
| 8 | 35.0 | 3.80 | 799.91 | 1.000 |
| 9 | 35.0 | 3.55 | 786.91 | 1.000 |
| 10 | 45.0 | 3.90 | 788.79 | 1.000 |
| 11 | 55.0 | 3.20 | 792.89 | 1.000 |
| 12 | 35.0 | 4.25 | 814.69 | 1.000 |
| 13 | 35.0 | 3.30 | 711.33 | 1.000 |
| 14 | 35.0 | 3.30 | 617.95 | 1.000 |
| 15 | 35.0 | 3.30 | 619.36 | 1.000 |
| 16 | 35.0 | 3.30 | 604.38 | 1.000 |
| 17 | 35.0 | 3.30 | 929.25 | 1.000 |
| 18 | 35.0 | 3.30 | 926.51 | 1.000 |



form

- **Time:** 01:19:57PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.837 V/s*
- **Cycle:** 1
- **Error:** Set failed

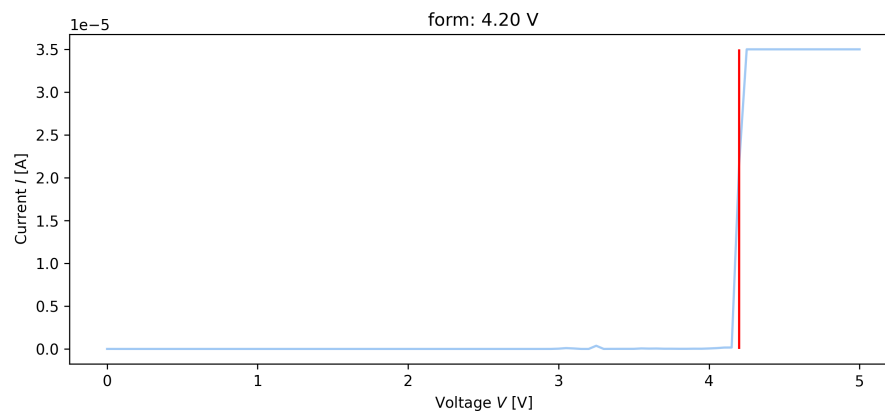
Testing if this works with silver GND probe as terminal B, Not conducting



form

- **Time:** 01:21:32PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 4.20 V

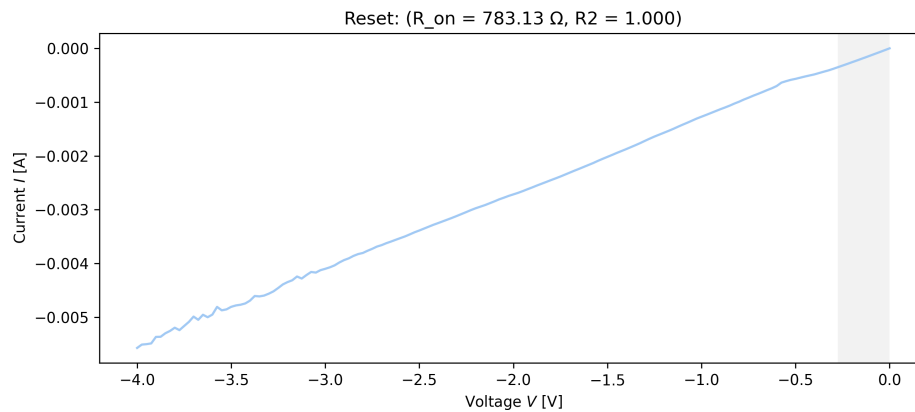
Testing GND probe again, Did form at 4.25V



reset

- **Time:** 01:22:24PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.548 V/s*
- **Cycle:** 1
- **Resistance:** 783.13 Ω
- **Linear Fit R²:** 1.000

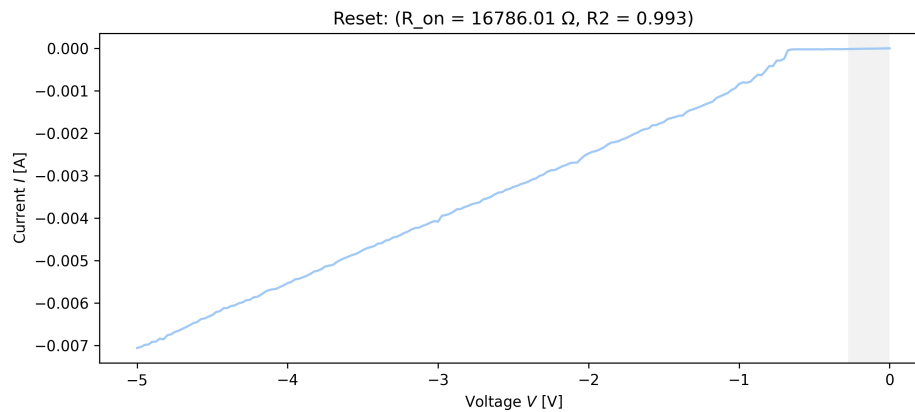
Disregard this test



reset

- **Time:** 01:22:51PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.548 V/s*
- **Cycle:** 2
- **Resistance:** 16786.01 Ω
- **Linear Fit R2:** 0.993

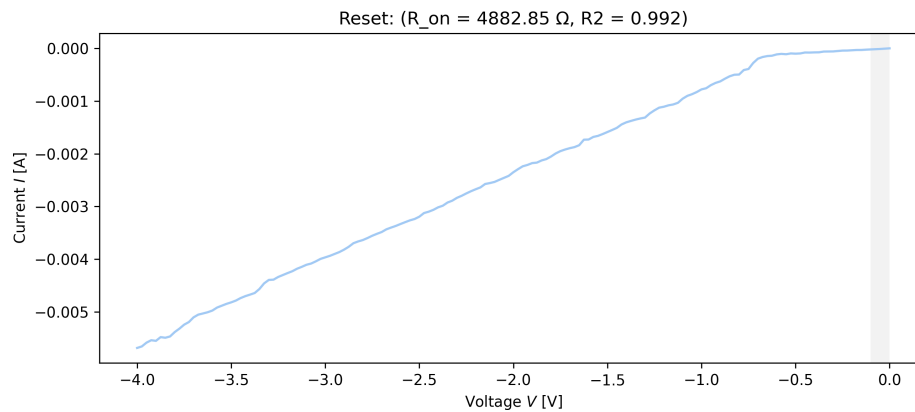
Disregard this test



reset

- **Time:** 01:23:29PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.556 V/s*
- **Cycle:** 3
- **Resistance:** 4882.85 Ω
- **Linear Fit R2:** 0.992

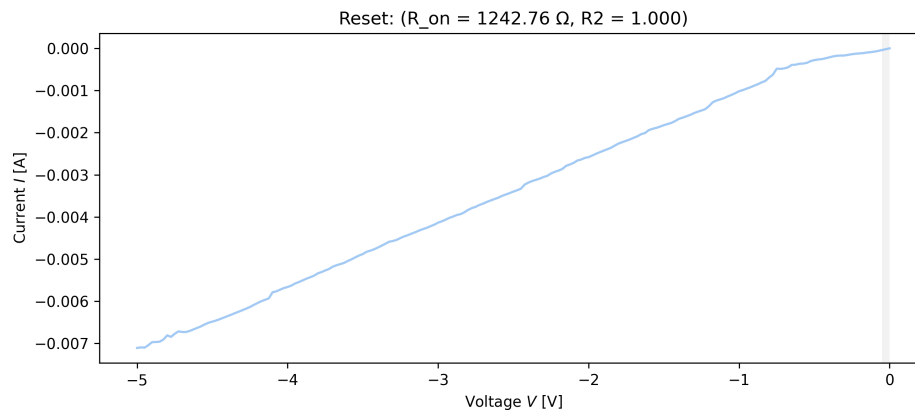
GND probe, did not reset



reset

- **Time:** 01:24:25PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.598 V/s*
- **Cycle:** 4
- **Resistance:** 1242.76 Ω
- **Linear Fit R2:** 1.000

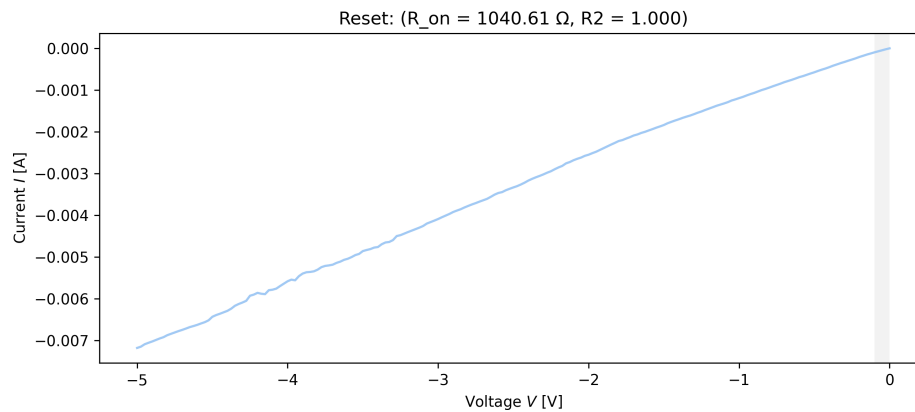
GND probe, did not reset



reset

- **Time:** 01:24:47PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.642 V/s*
- **Cycle:** 5
- **Resistance:** 1040.61 Ω
- **Linear Fit R2:** 1.000

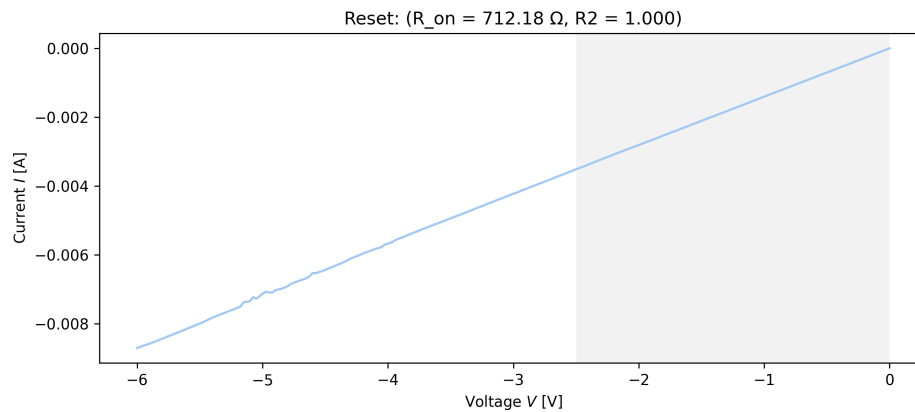
GND probe, did not reset



reset

- **Time:** 01:25:09PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -6V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.685 V/s*
- **Cycle:** 6
- **Resistance:** 712.18 Ω
- **Linear Fit R2:** 1.000

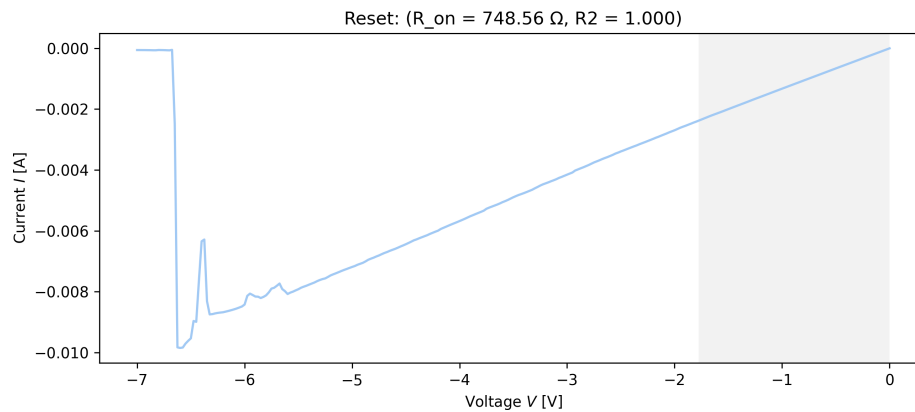
GND probe, did not reset



reset

- **Time:** 01:25:35PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -7V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.667 V/s*
- **Cycle:** 7
- **Resistance:** 748.56 Ω
- **Linear Fit R2:** 1.000

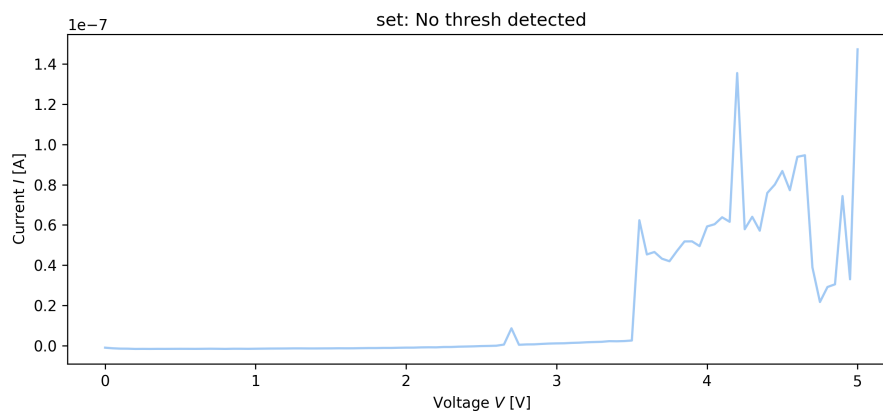
GND probe, did reset



set

- **Time:** 01:26:09PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 8
- **Error:** Set failed

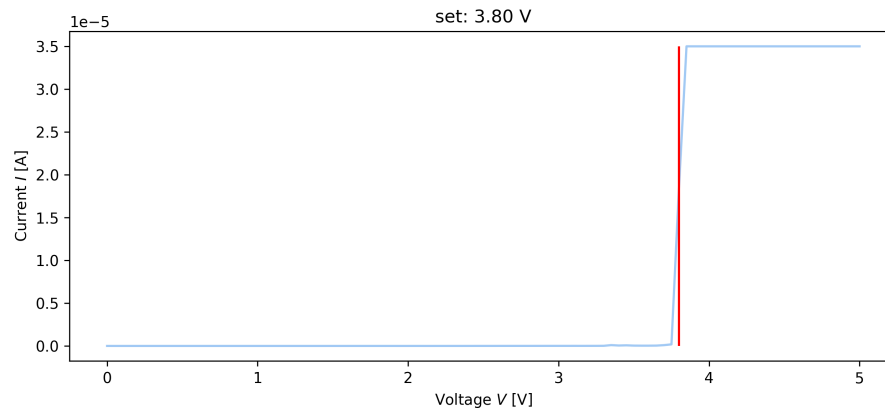
GND probe, did not set



set

- **Time:** 01:26:46PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 8
- **Set Voltage:** 3.80 V

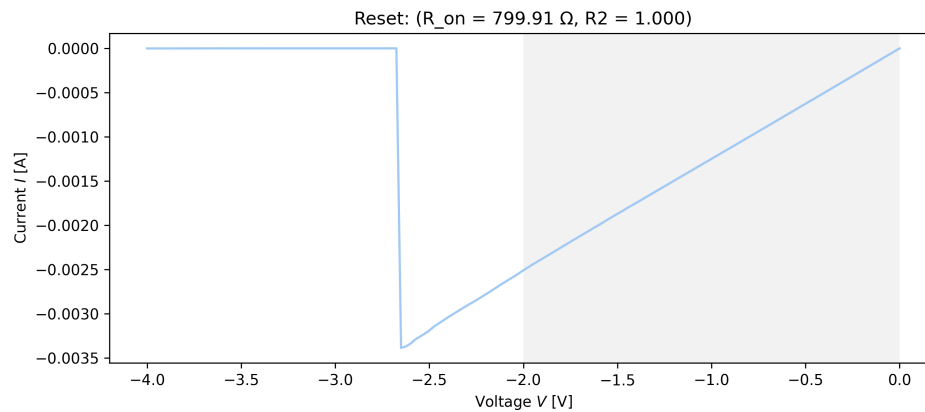
GND probe, did set at 3.85V



reset

- **Time:** 01:28:06PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.659 V/s*
- **Cycle:** 8
- **Resistance:** 799.91 Ω
- **Linear Fit R²:** 1.000

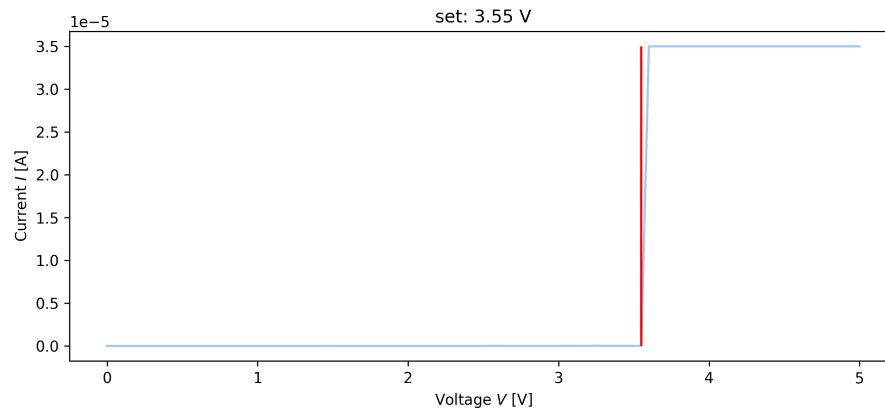
GND probe, reset nicely



set

- **Time:** 01:29:03PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 9
- **Set Voltage:** 3.55 V

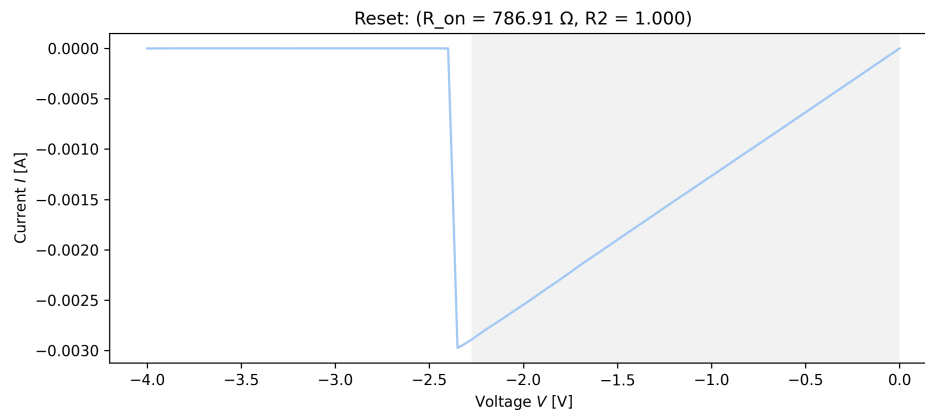
GND probe, set at 3.6V



reset

- **Time:** 01:29:39PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.659 V/s*
- **Cycle:** 9
- **Resistance:** 786.91 Ω
- **Linear Fit R²:** 1.000

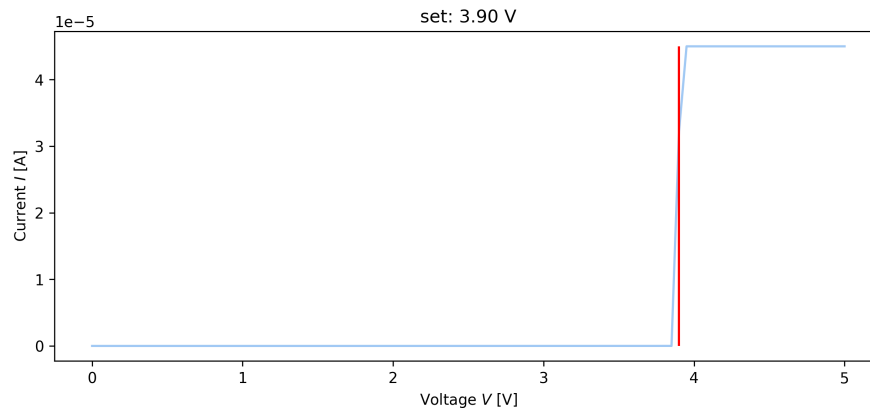
GND probe, reset



set

- **Time:** 01:30:14PM
- **Icc:** 45.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.070 V/s*
- **Cycle:** 10
- **Set Voltage:** 3.90 V

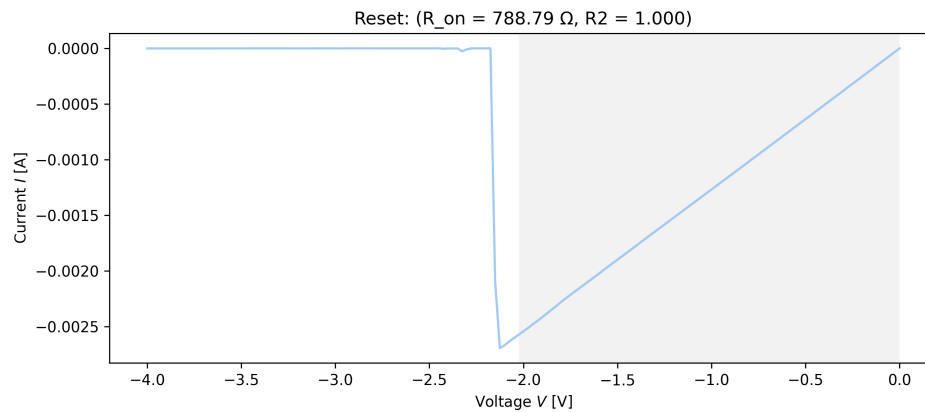
GND probe, set at 3.95V



reset

- **Time:** 01:30:38PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.659 V/s*
- **Cycle:** 10
- **Resistance:** 788.79 Ω
- **Linear Fit R2:** 1.000

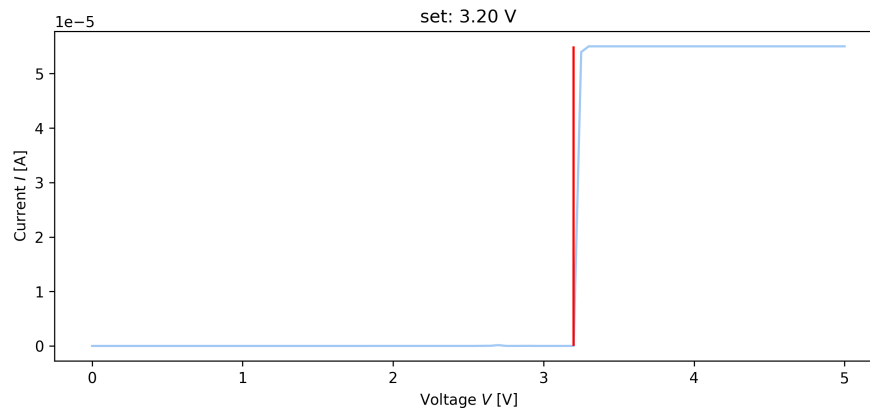
GND probe, reset



set

- **Time:** 01:31:09PM
- **Icc:** 55.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 11
- **Set Voltage:** 3.20 V

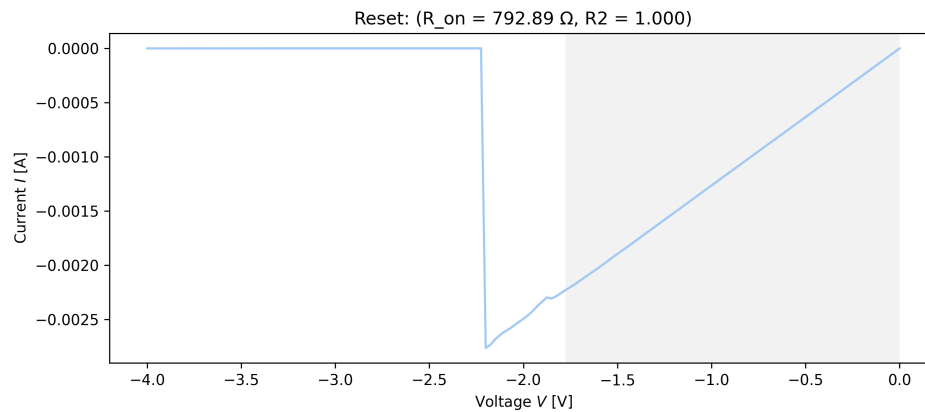
GND probe, set at 3.25V



reset

- **Time:** 01:31:39PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.659 V/s*
- **Cycle:** 11
- **Resistance:** 792.89 Ω
- **Linear Fit R2:** 1.000

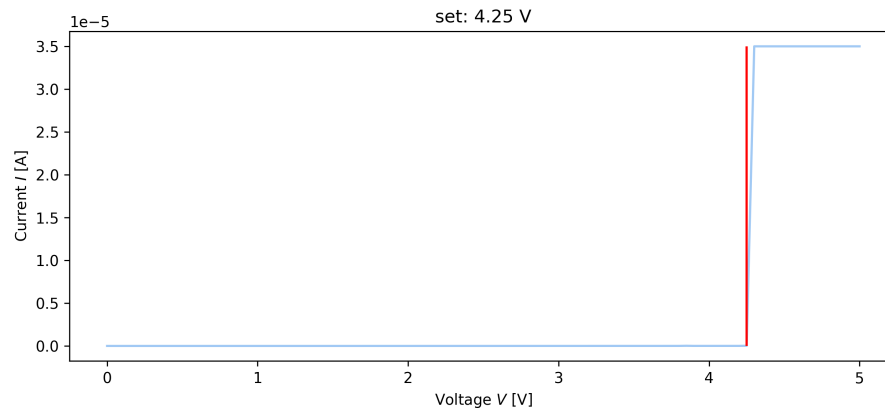
GND probe, reset



set

- **Time:** 01:32:11PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.070 V/s*
- **Cycle:** 12
- **Set Voltage:** 4.25 V

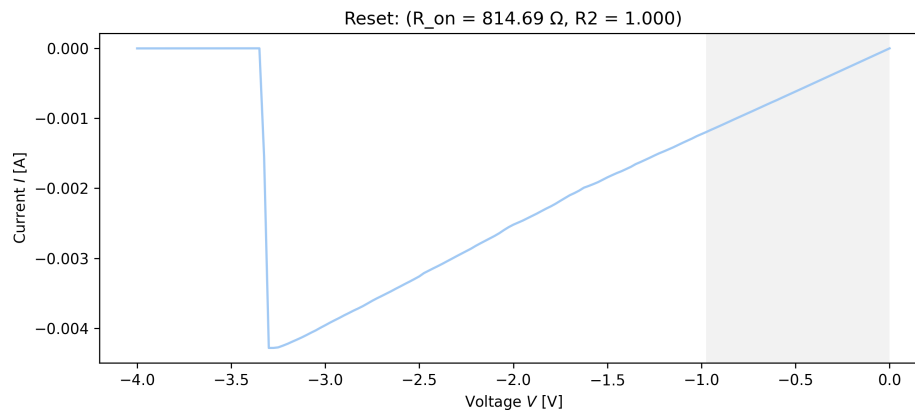
GND probe, set at 4.3V



reset

- **Time:** 01:32:53PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.659 V/s*
- **Cycle:** 12
- **Resistance:** 814.69 Ω
- **Linear Fit R²:** 1.000

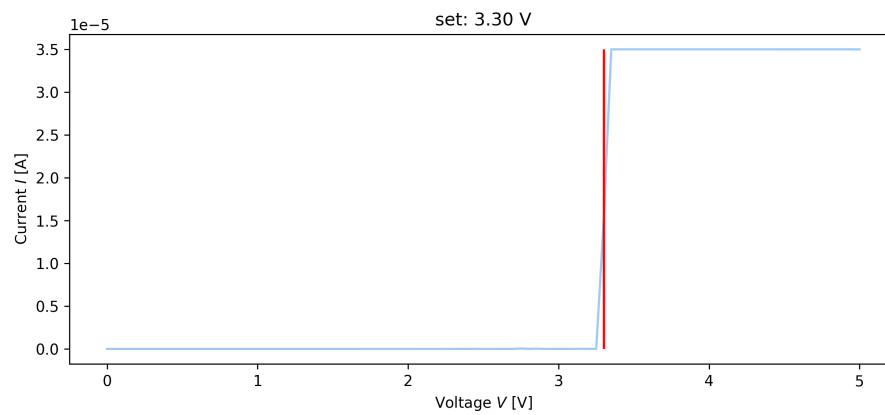
GND probe, reset



set

- **Time:** 01:33:11PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 13
- **Set Voltage:** 3.30 V

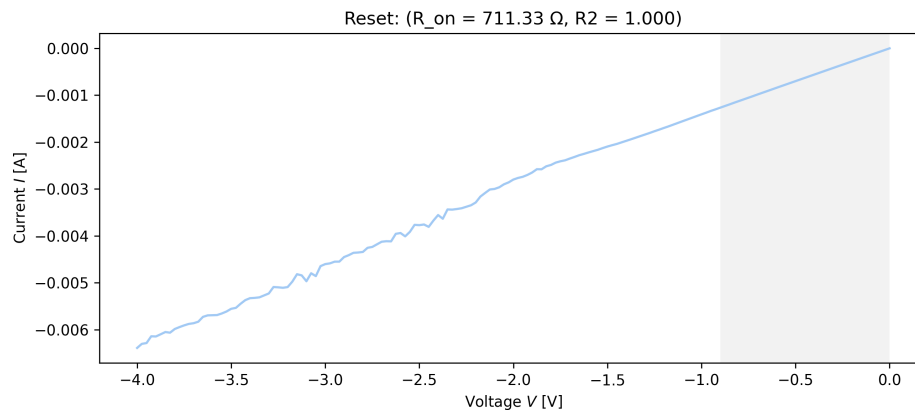
GND probe, set at 3.35V



reset

- **Time:** 02:02:52PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.685 V/s*
- **Cycle:** 13
- **Resistance:** 711.33 Ω
- **Linear Fit R²:** 1.000

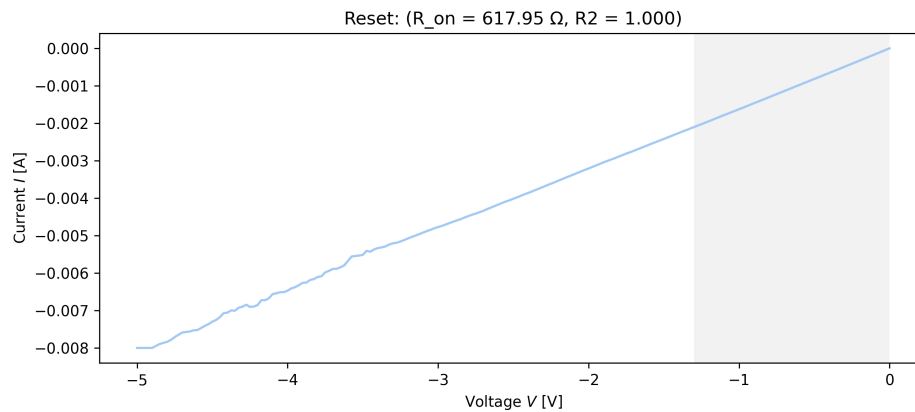
GND probe, did not reset



reset

- **Time:** 02:03:13PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.713 V/s*
- **Cycle:** 14
- **Resistance:** 617.95 Ω
- **Linear Fit R²:** 1.000

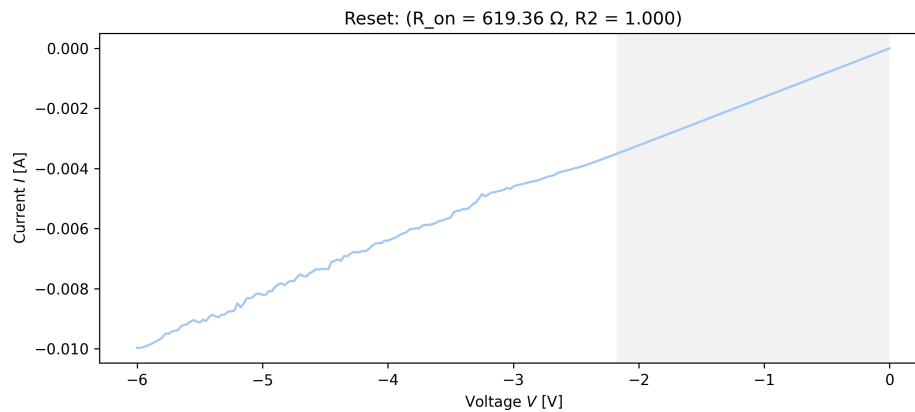
GND probe, no reset again



reset

- **Time:** 02:03:38PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -6V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.713 V/s*
- **Cycle:** 15
- **Resistance:** 619.36 Ω
- **Linear Fit R2:** 1.000

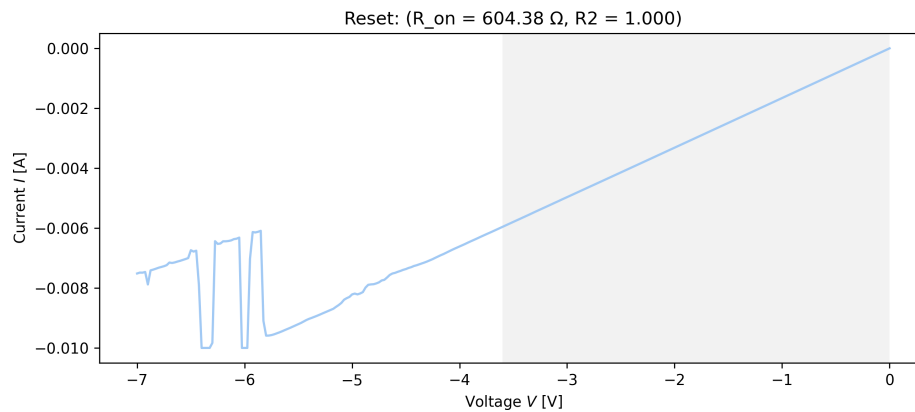
GND probe, no resetting here



reset

- **Time:** 02:03:55PM
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -7V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.713 V/s*
- **Cycle:** 16
- **Resistance:** 604.38 Ω
- **Linear Fit R²:** 1.000

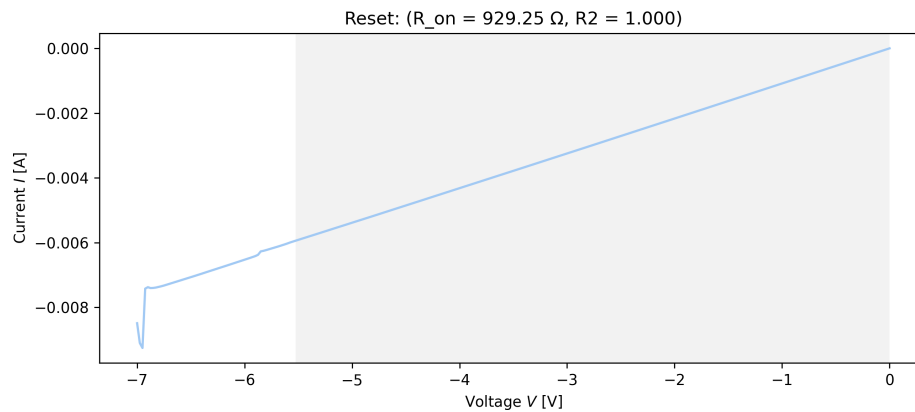
GND probe, No reset but weird slope



reset

- **Time:** 02:04:27PM
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -7V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.627 V/s*
- **Cycle:** 17
- **Resistance:** 929.25 Ω
- **Linear Fit R²:** 1.000

GND probe, trying to reset but cant



reset

- **Time:** 02:04:52PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -8V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.627 V/s*
- **Cycle:** 18
- **Resistance:** 926.51 Ω
- **Linear Fit R2:** 1.000

GND probe, really weird stuff

