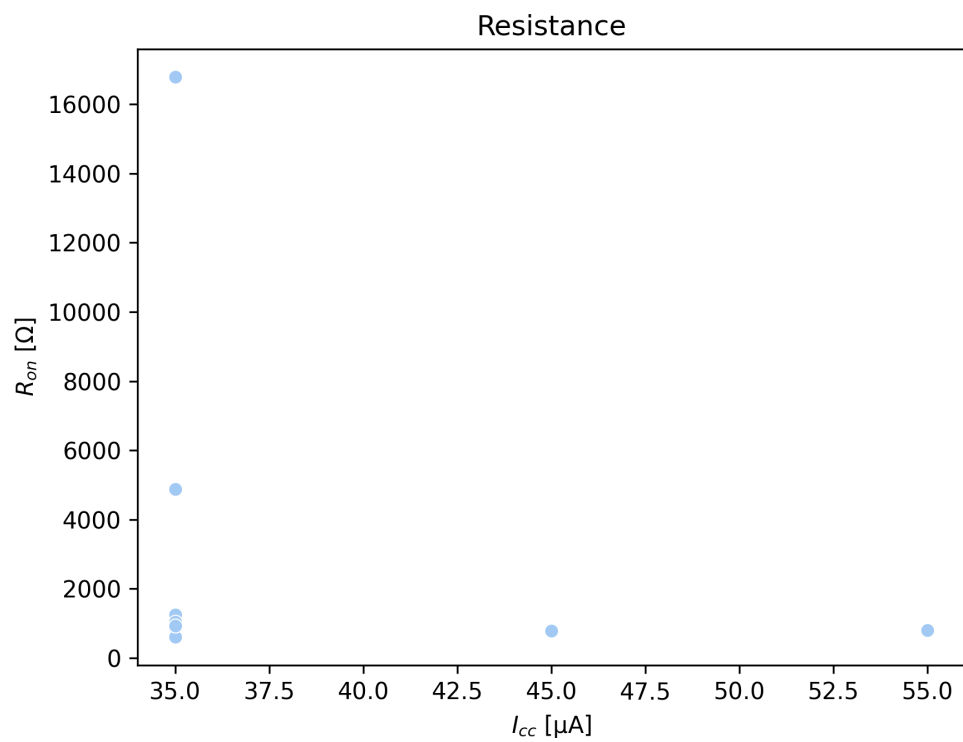


(wafer2,0,8,-1,-1,2,1) Characteristics

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

Summary

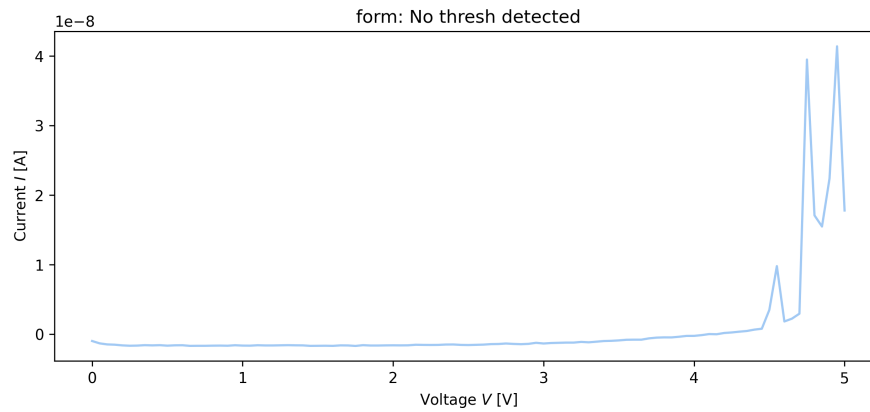
Cycle #	Set Icc (μ A)	Set Voltage (V)	R_on (Ω)	R2
1	35.0	4.20	783.13	1.000
2	35.0	4.20	16786.01	0.993
3	35.0	4.20	4882.85	0.992
4	35.0	4.20	1242.76	1.000
5	35.0	4.20	1040.61	1.000
6	35.0	4.20	712.18	1.000
7	35.0	4.20	748.56	1.000
8	35.0	3.80	799.91	1.000
9	35.0	3.55	786.91	1.000
10	45.0	3.90	788.79	1.000
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

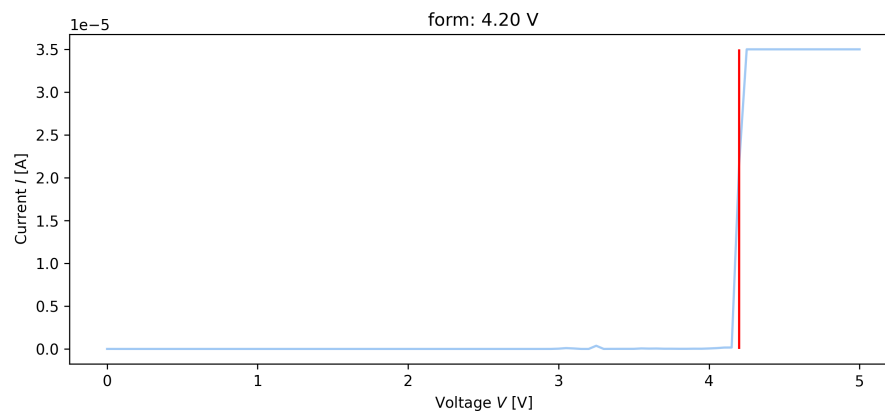
Testing if this works with silver GND probe as terminal B, Not conducting



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

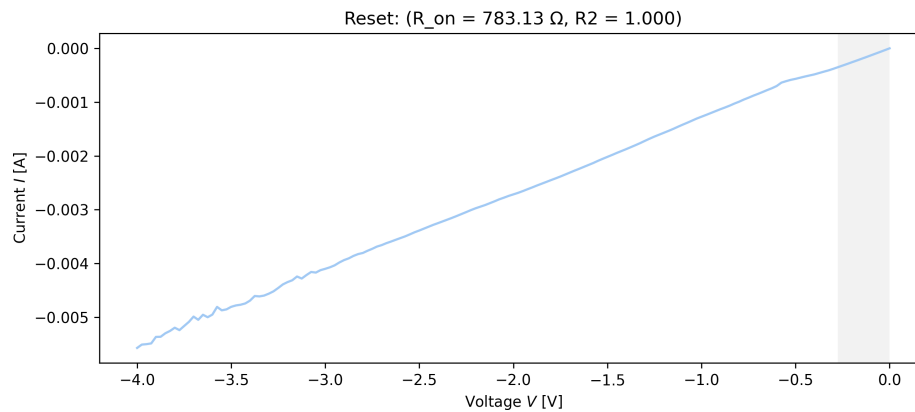
Testing GND probe again, Did form at 4.25V



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

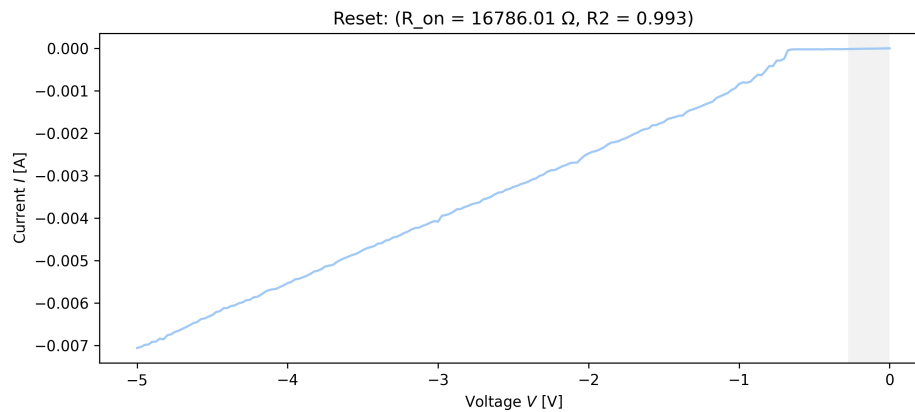
Disregard this test



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

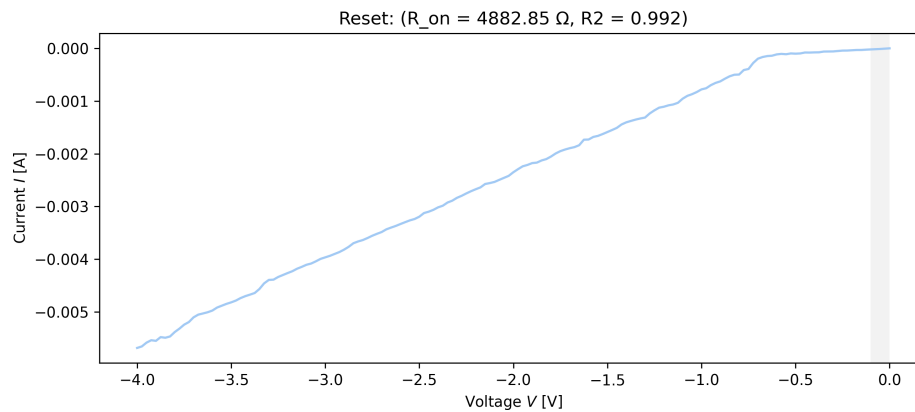
Disregard this test



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

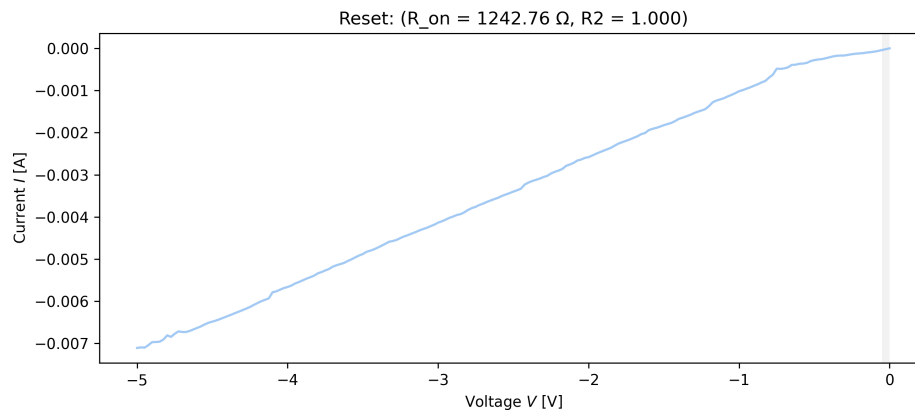
GND probe, did not reset



reset

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

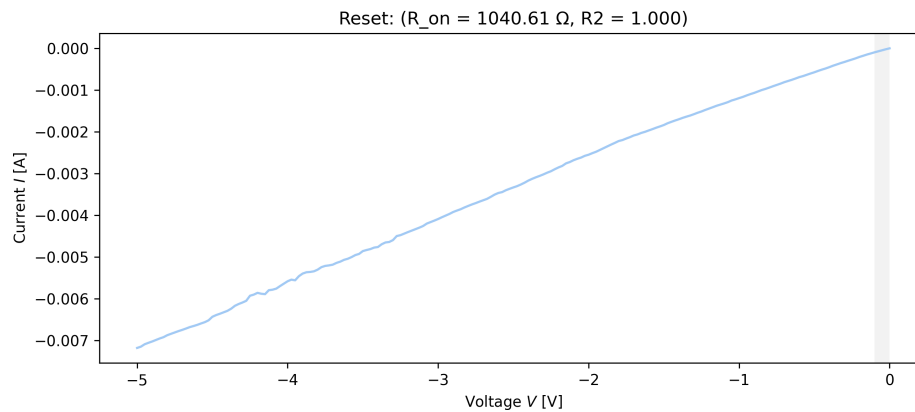
GND probe, did not reset



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

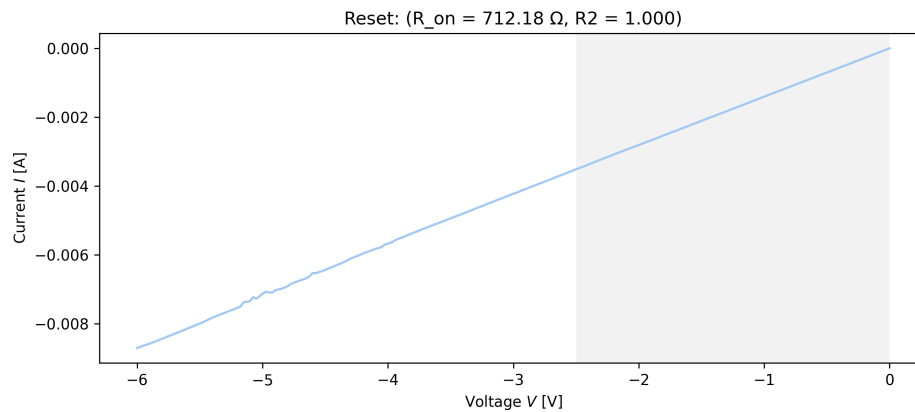
GND probe, did not reset



reset

- **Time:** 01:25:09PM
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -6V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.685 V/s*
- **Cycle:** 6
- **Resistance:** 712.18 Ω
- **Linear Fit R2:** 1.000

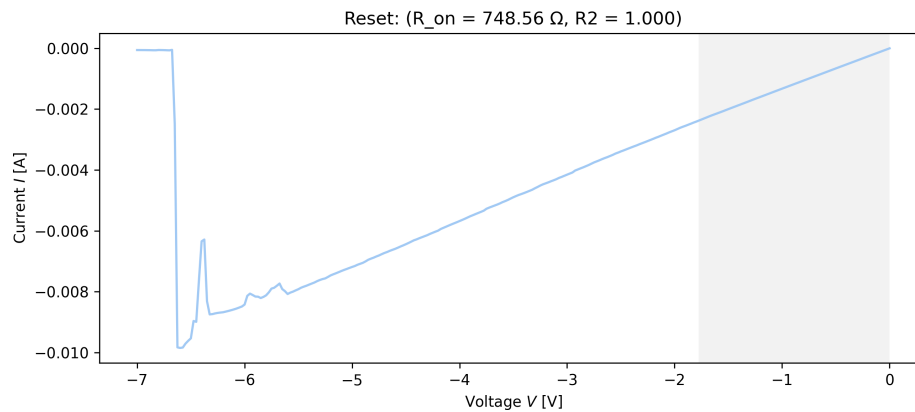
GND probe, did not reset



reset

- **Time:** 01:25:35PM
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -7V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.667 V/s*
- **Cycle:** 7
- **Resistance:** 748.56 Ω
- **Linear Fit R2:** 1.000

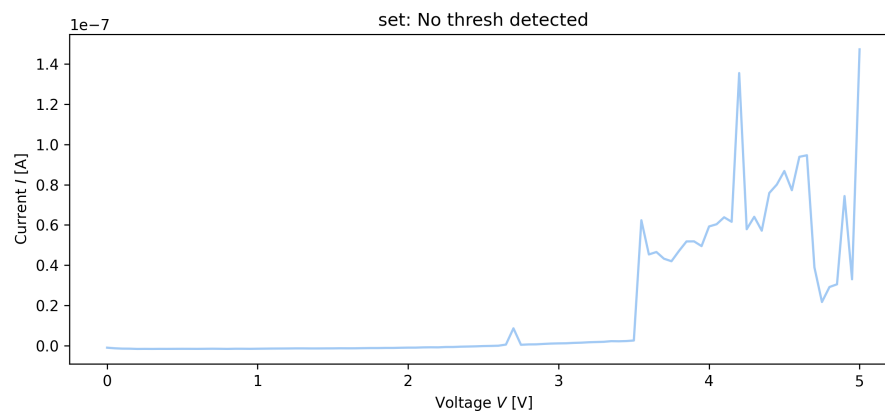
GND probe, did reset



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

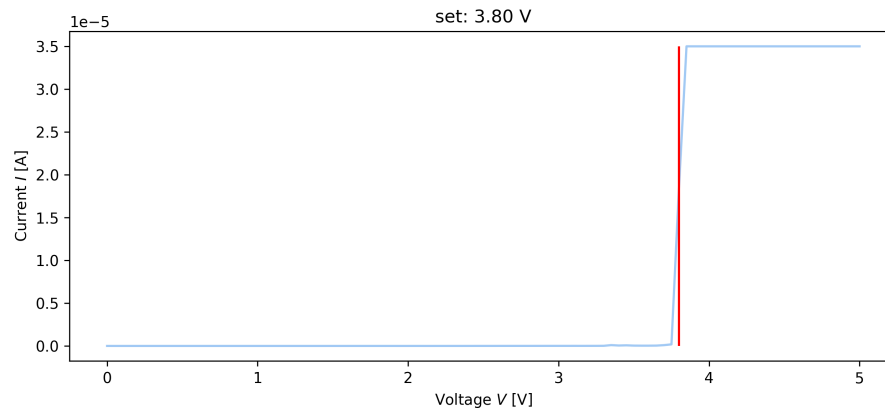
GND probe, did not set



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

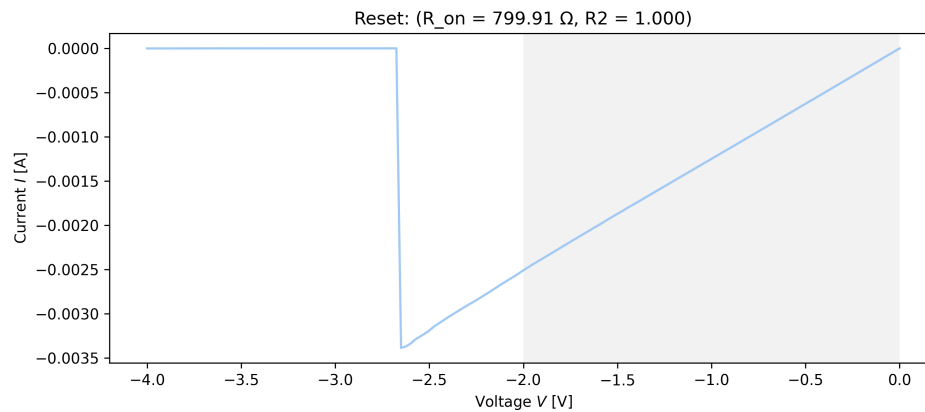
GND probe, did set at 3.85V



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

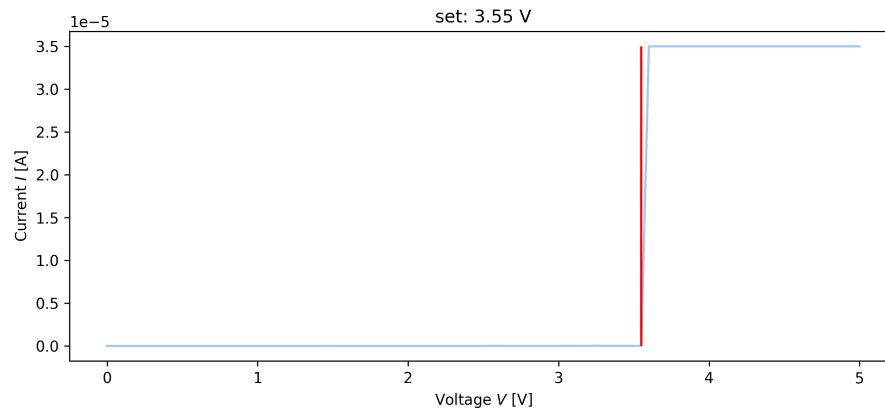
GND probe, reset nicely



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

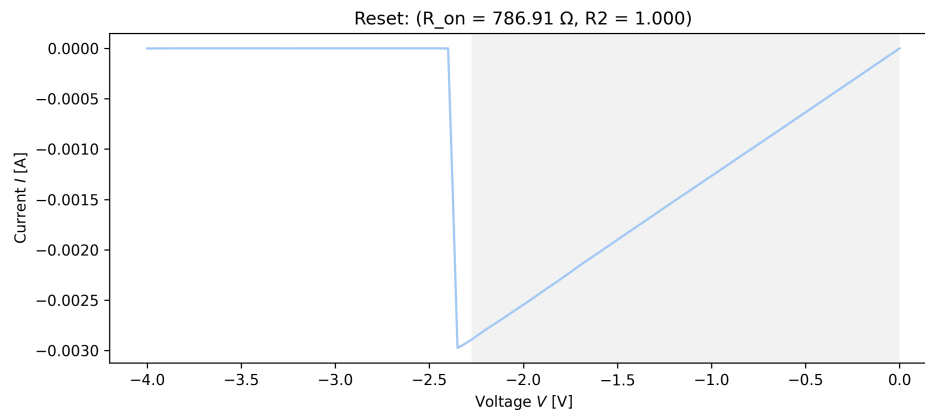
GND probe, set at 3.6V



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

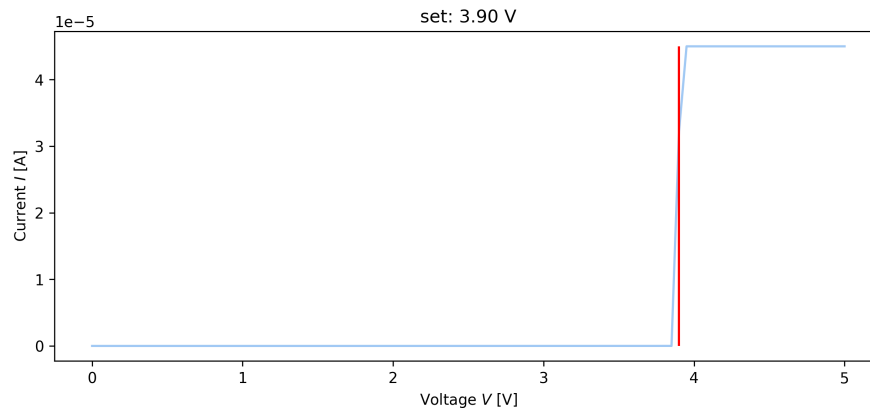
GND probe, reset



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

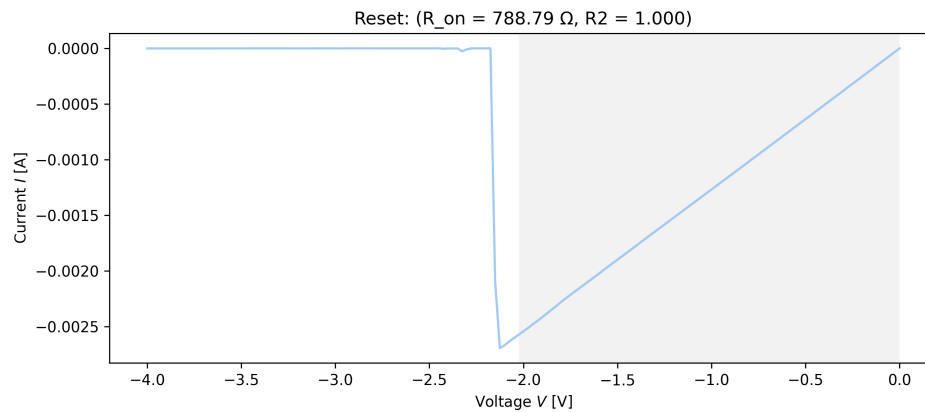
GND probe, set at 3.95V



reset

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

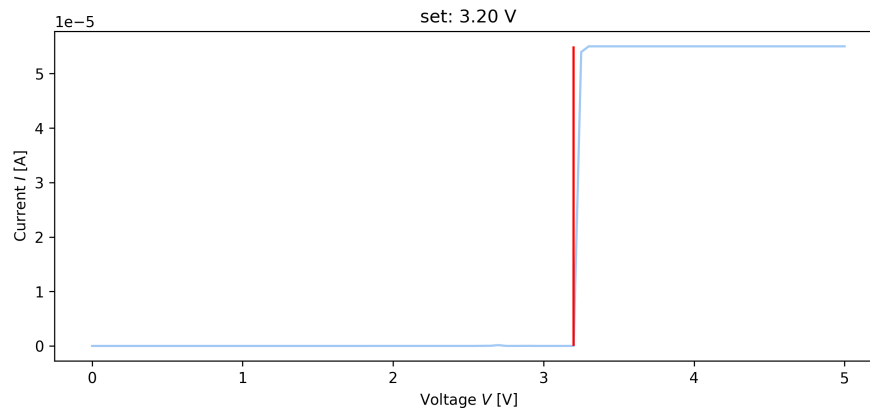
GND probe, reset



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

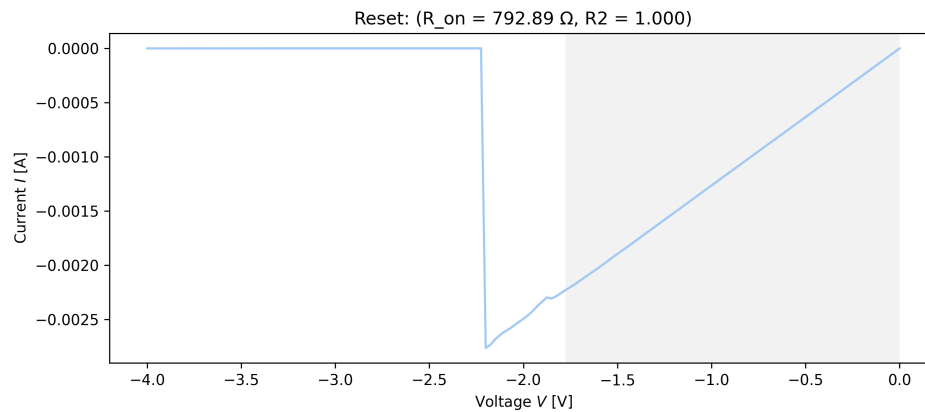
GND probe, set at 3.25V



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

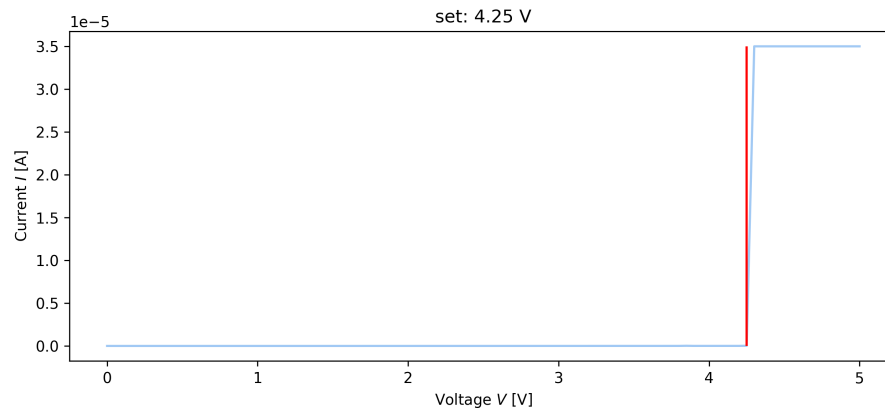
GND probe, reset



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

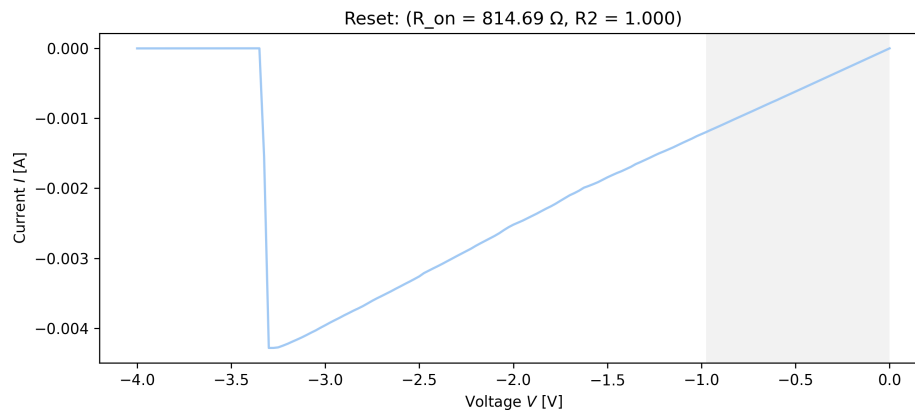
GND probe, set at 4.3V



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

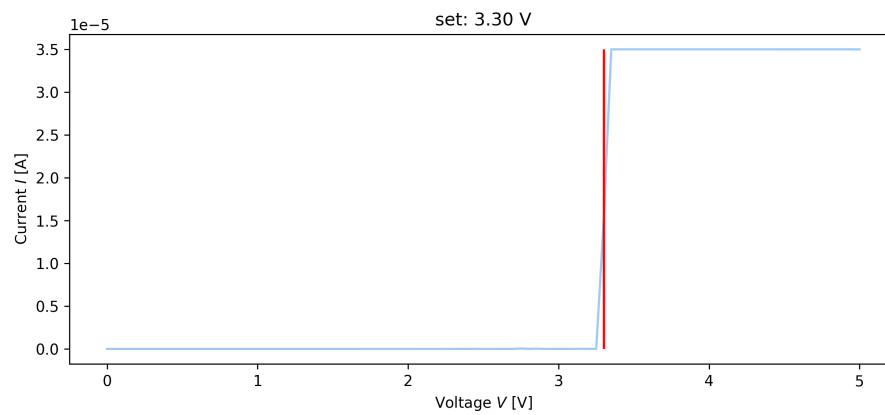
GND probe, reset



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

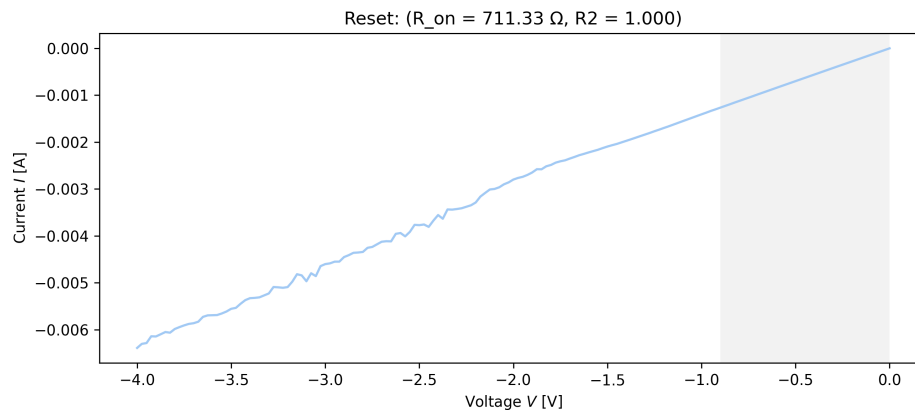
GND probe, set at 3.35V



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

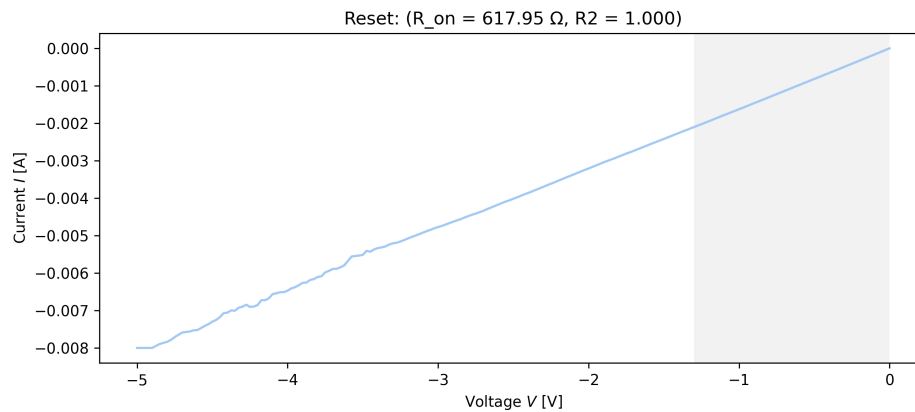
GND probe, did not reset



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

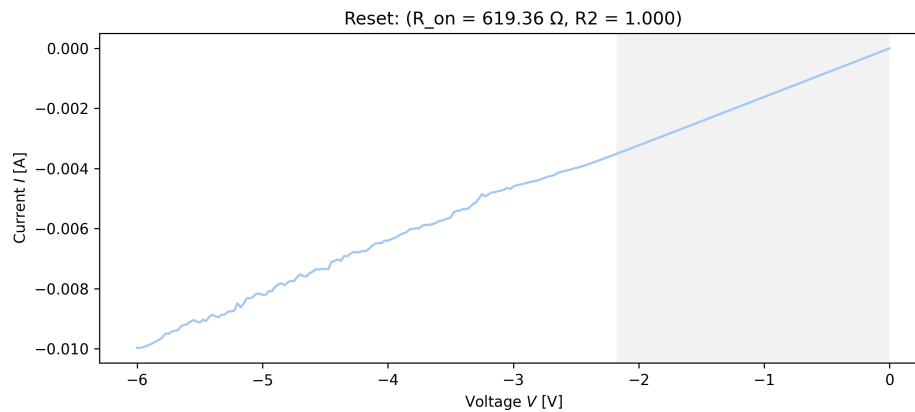
GND probe, no reset again



reset

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

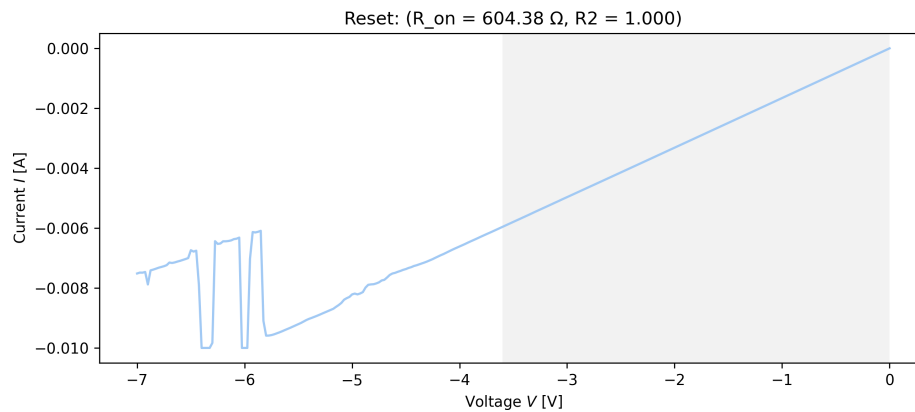
GND probe, no resetting here



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

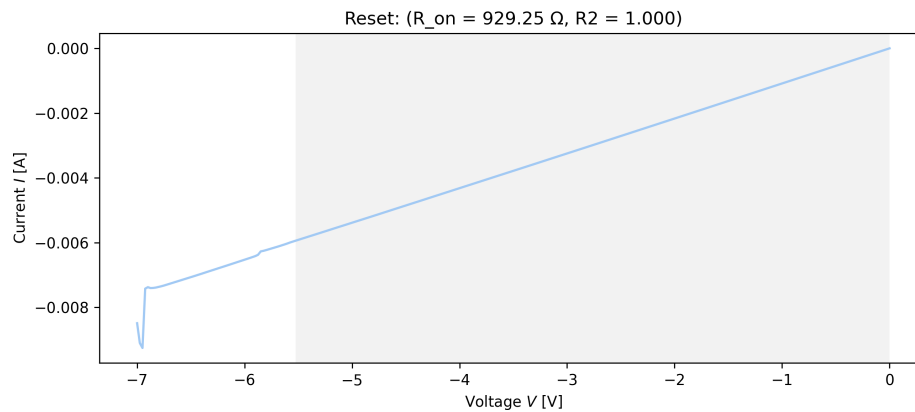
GND probe, No reset but weird slope



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
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -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

