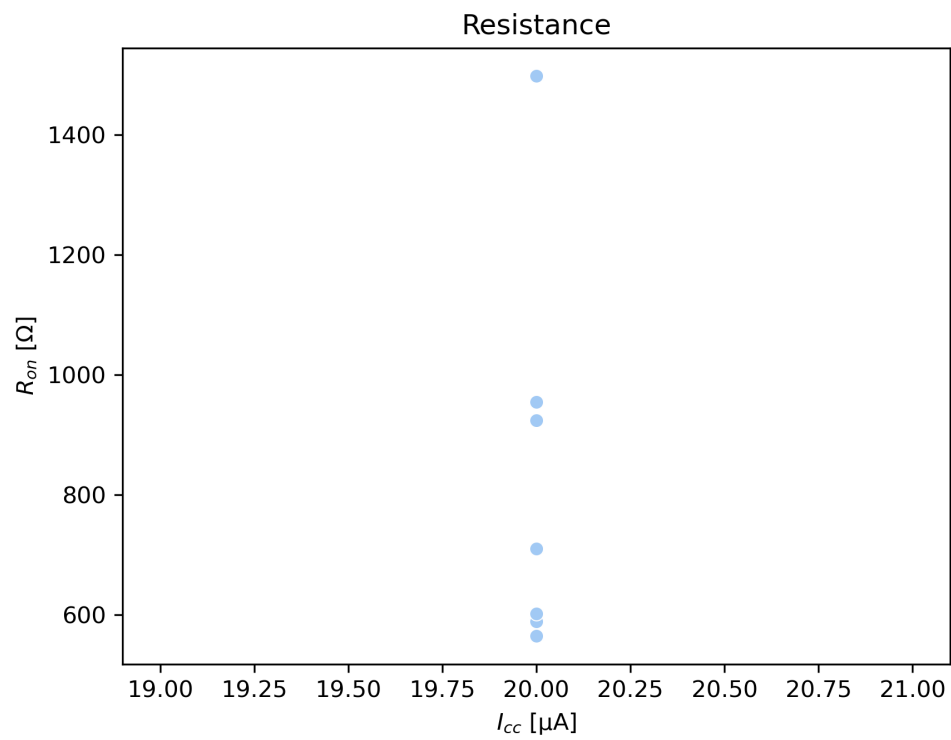


# (device,0,0,-1,-1,4,4) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 12
- **Last Measurement:** 2022/March/01 at 02:32:26PM

## Summary

Cycle #	Set Icc ( $\mu$ A)	Set Voltage (V)	R_on ( $\Omega$ )	R2
1	20.0	3.45	1498.24	0.999
2	20.0	2.6	954.23	0.999
3	20.0	4.25	709.39	1.000
4	20.0	3.4	588.38	1.000
5	20.0	3.4	924.07	0.996
6	20.0	3.4	601.73	1.000
7	20.0	3.4	564.17	1.000

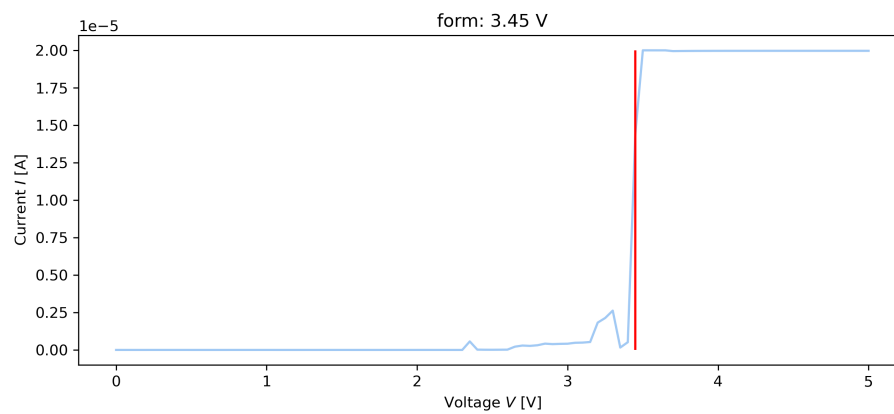


## form

---

- **Time:** 02:14:55PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Ramp Rate:** 1V/s
- **Cycle:** 1
- **Set Voltage:** 3.45 V

Form at 3.5 V

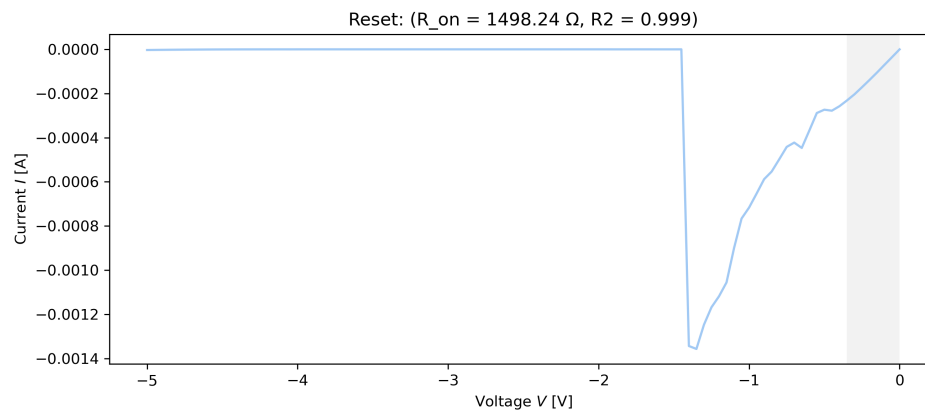


## reset

---

- **Time:** 02:18:15PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Ramp Rate:** 1V/s
- **Cycle:** 1
- **Resistance:** 1498.24  $\Omega$
- **Linear Fit R<sup>2</sup>:** 0.999

Reset at -1.45 V

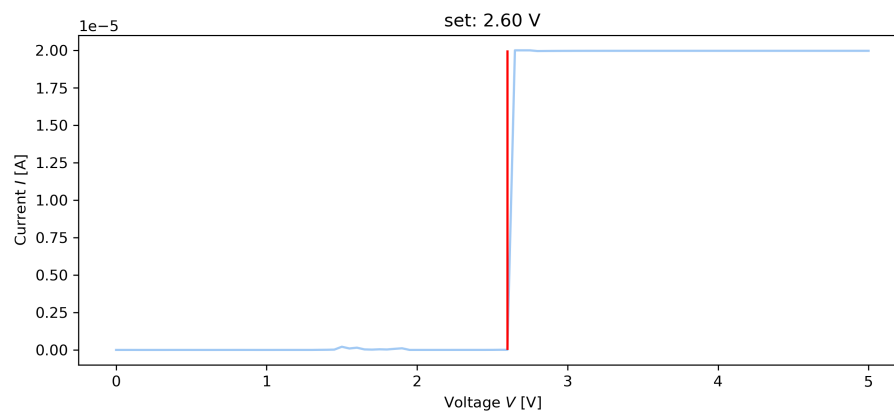


## set

---

- **Time:** 02:20:48PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Ramp Rate:** 1V/s
- **Cycle:** 2
- **Set Voltage:** 2.60 V

Set at 2.65 V

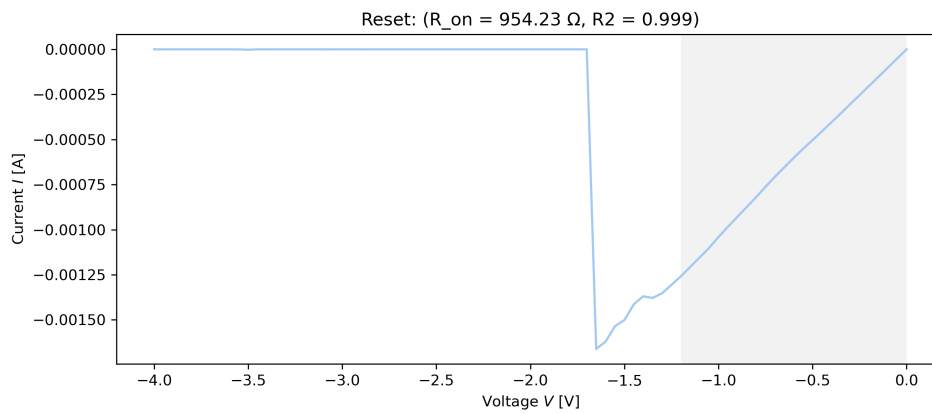


## reset

---

- **Time:** 02:22:14PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 2
- **Resistance:** 954.23  $\Omega$
- **Linear Fit R<sup>2</sup>:** 0.999

Reset at -1.7 V

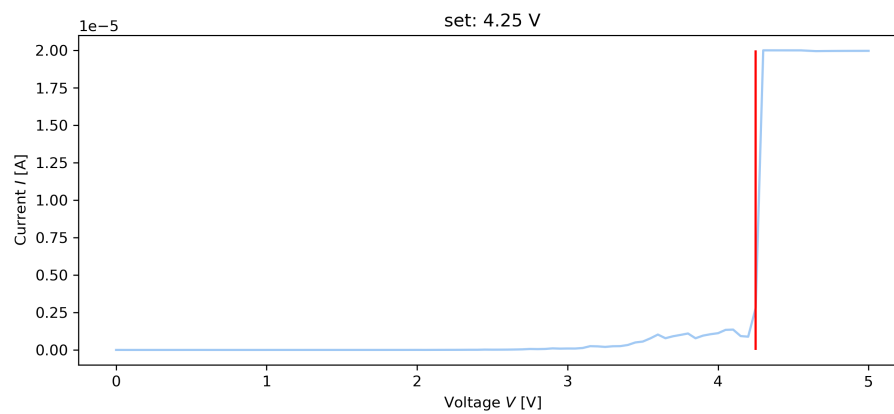


## set

---

- **Time:** 02:23:51PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Ramp Rate:** 1V/s
- **Cycle:** 3
- **Set Voltage:** 4.25 V

Set at 4.3 V

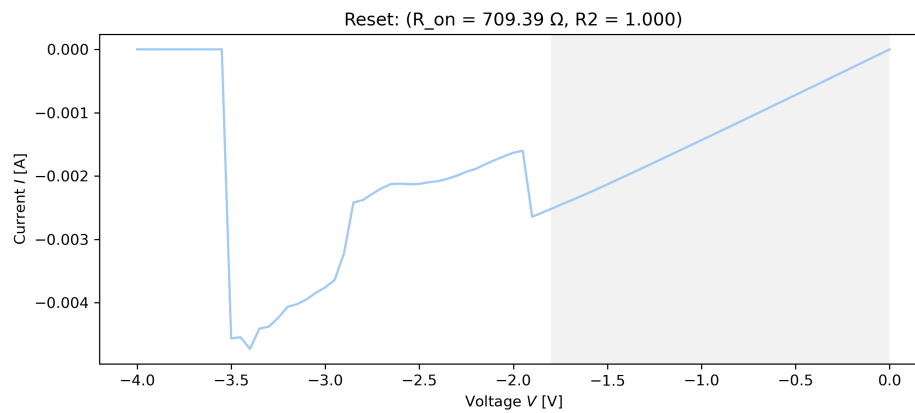


## reset

---

- **Time:** 02:25:36PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 3
- **Resistance:** 709.39  $\Omega$
- **Linear Fit R<sup>2</sup>:** 1.000

Reset at -3.55 V

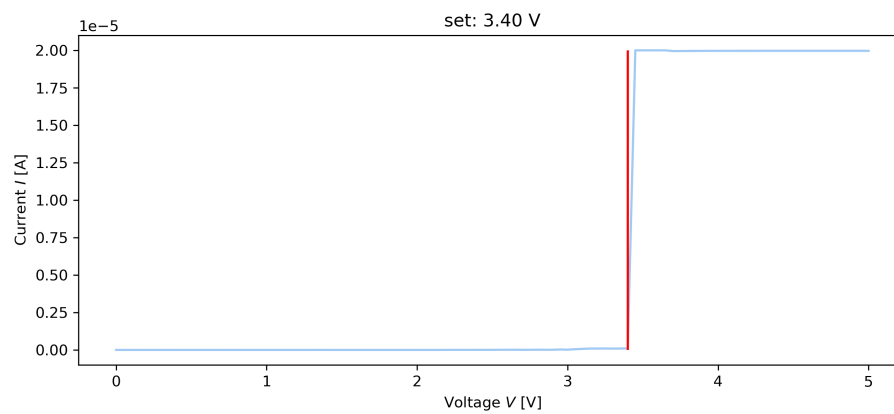


## set

---

- **Time:** 02:28:59PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Ramp Rate:** 1V/s
- **Cycle:** 4
- **Set Voltage:** 3.40 V

Set at 3.45 V



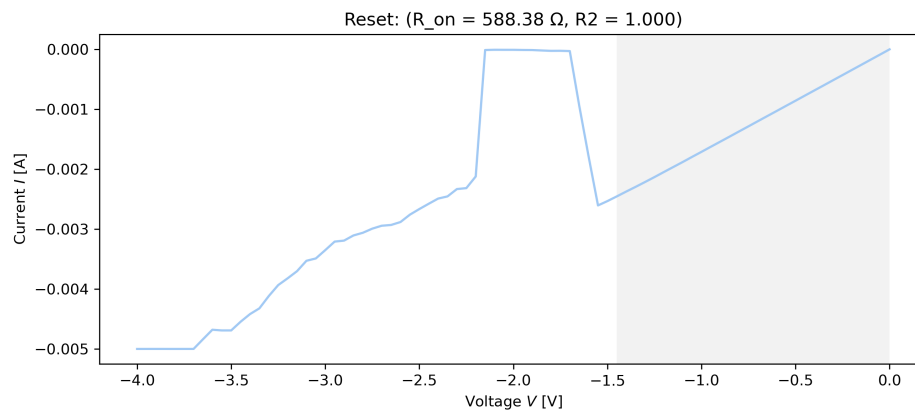


## reset

---

- **Time:** 02:29:50PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 4
- **Resistance:** 588.38  $\Omega$
- **Linear Fit R<sup>2</sup>:** 1.000

Failed reset

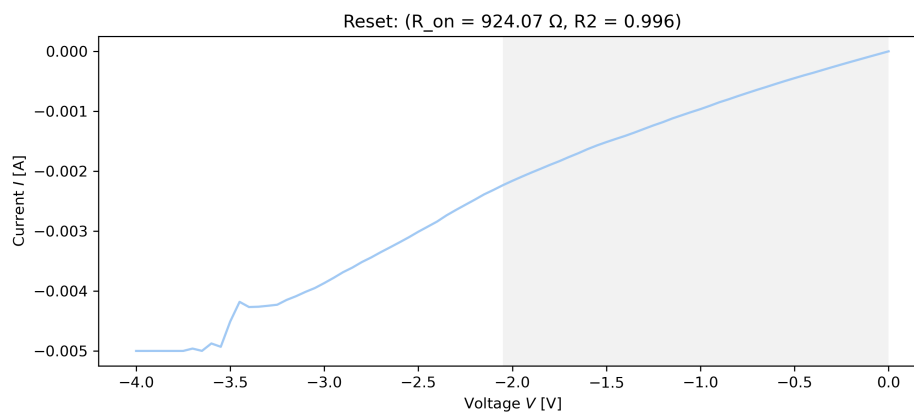


## reset

---

- **Time:** 02:31:27PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 5
- **Resistance:** 924.07  $\Omega$
- **Linear Fit R<sup>2</sup>:** 0.996

Failed reset

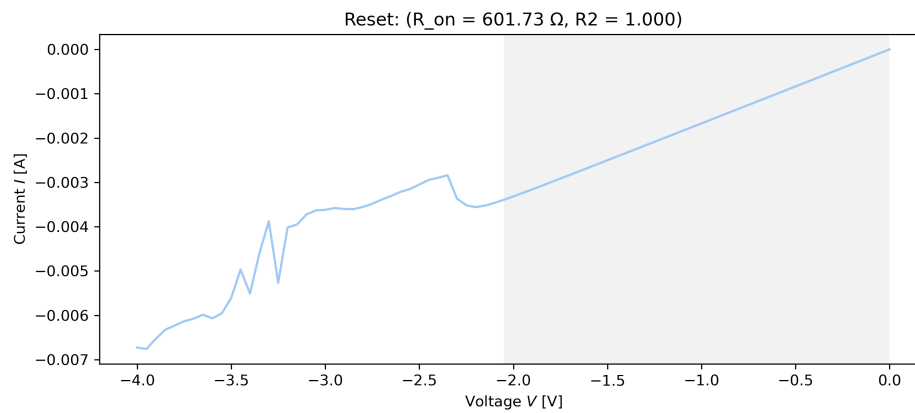


## reset

---

- **Time:** 02:31:59PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 6
- **Resistance:** 601.73 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Failed reset



## reset

---

- **Time:** 02:32:26PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 7
- **Resistance:** 564.17  $\Omega$
- **Linear Fit R<sup>2</sup>:** 1.000

Failed reset. Suspect cell burned out so moved on to other cell.

