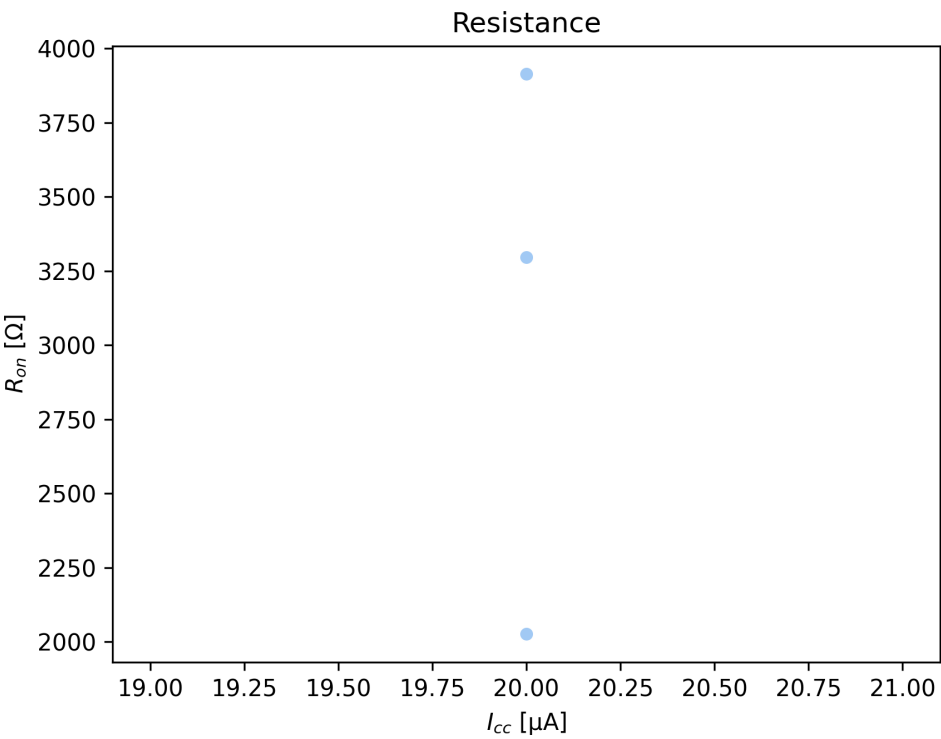


# (wafer2,2,0,-1,-1,0,0) Characteristics

- Cell Size: 15um
- Times Accessed: 8
- Last Measurement: 2022/March/23 at 04:34:50PM

## Summary

| Cycle # | Set Icc (μA) | Set Voltage (V) | R_on (Ω)  | R2    |
|---------|--------------|-----------------|-----------|-------|
| 1       | 20.0         | 0.05            | 3295.62   | 1.000 |
| 2       | 20.0         | 2.25            | 515754.49 | 0.919 |
| 3       | 20.0         | 2.25            | 2026.19   | 0.999 |
| 4       | 20.0         | 2.25            | 3914.18   | 0.999 |

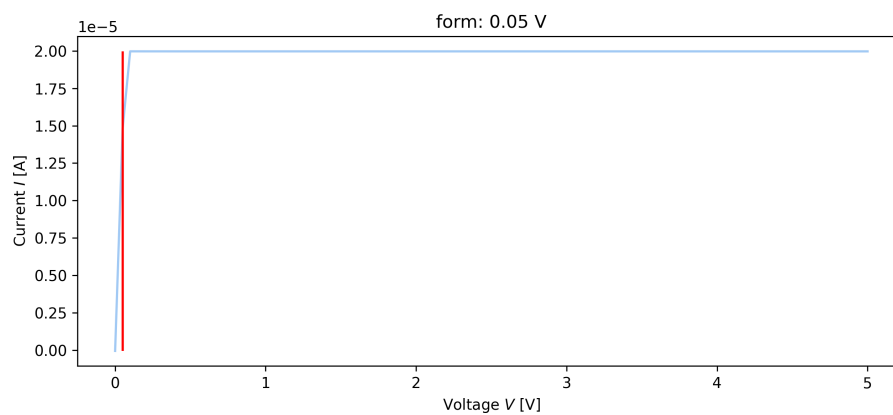


## form

---

- **Time:** 04:27:07PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.838 V/s\*
- **Cycle:** 1
- **Set Voltage:** 0.05 V

Probe A on copper, B on platinum. Cell was already in set.

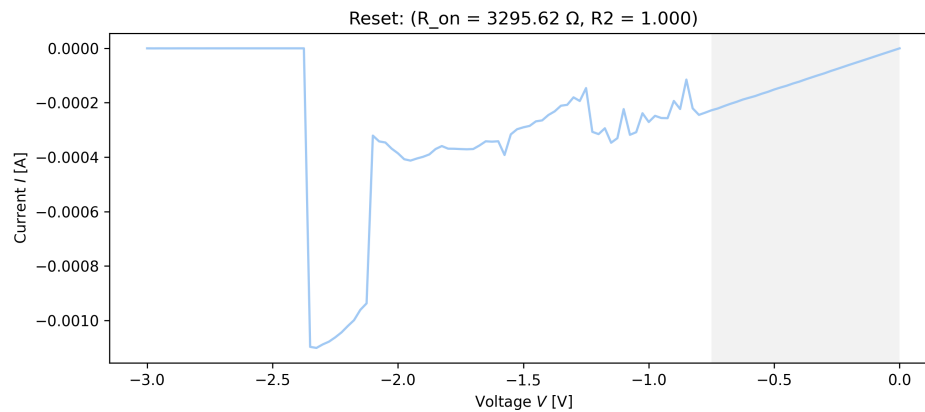


## reset

---

- **Time:** 04:28:04PM
- **I<sub>cc</sub>:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.557 V/s\*
- **Cycle:** 1
- **Resistance:** 3295.62 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

reset success but janky.

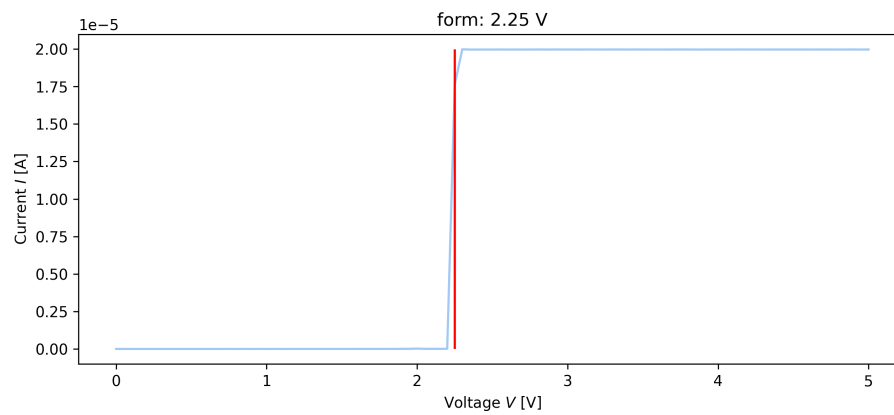


## form

---

- **Time:** 04:28:43PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 2
- **Set Voltage:** 2.25 V

set success, 2.3V, very low.

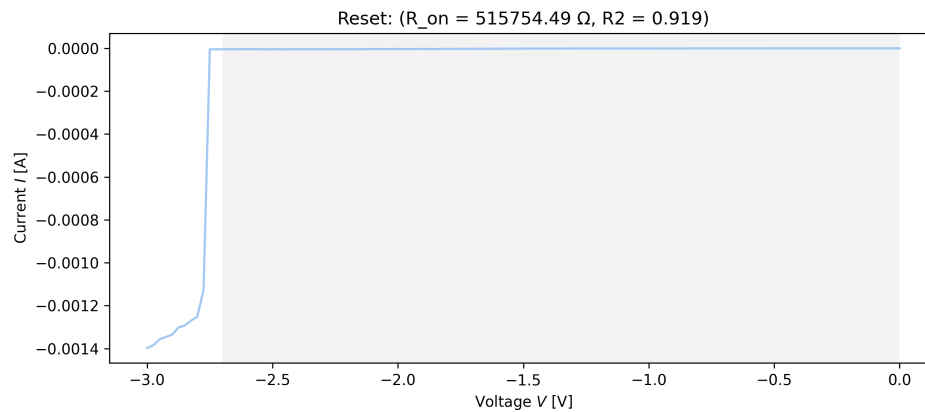


## reset

---

- **Time:** 04:31:04PM
- **I<sub>cc</sub>:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.548 V/s\*
- **Cycle:** 2
- **Resistance:** 515754.49 Ω
- **Linear Fit R<sup>2</sup>:** 0.919

reset fail.

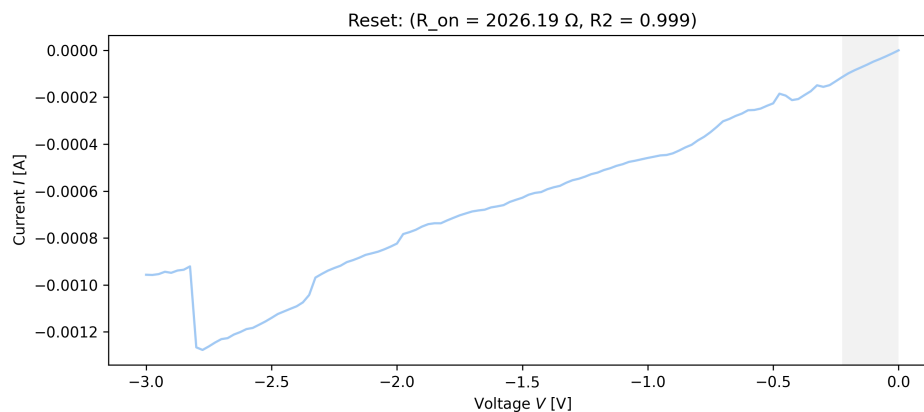


## reset

---

- **Time:** 04:33:14PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V  $\rightarrow$  -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.559 V/s\*
- **Cycle:** 3
- **Resistance:** 2026.19  $\Omega$
- **Linear Fit R2:** 0.999

reset fail.



## reset

---

- **Time:** 04:34:03PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V  $\rightarrow$  -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.556 V/s\*
- **Cycle:** 4
- **Resistance:** 3914.18  $\Omega$
- **Linear Fit R2:** 0.999

reset success. Janky response in the higher voltages of the plot.

