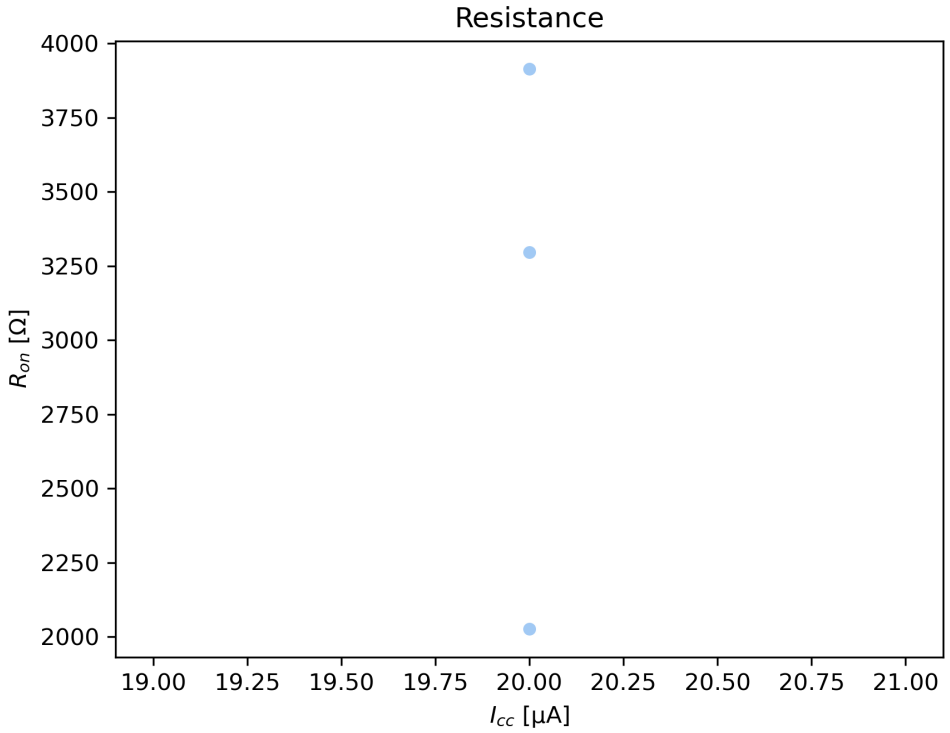
(wafer2,2,0,-1,-1,0,0) Characteristics

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

Summary

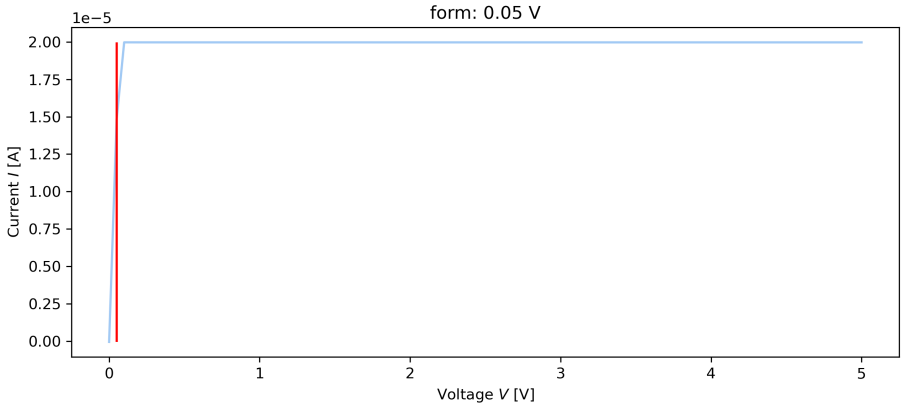
Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	20.0	0.05	3295.62	1.000
2	20.0	2.25	515754.49	0.919
3	20.0	2.25	2026.19	0.999
4	20.0	2.25	3914.18	0.999



form

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

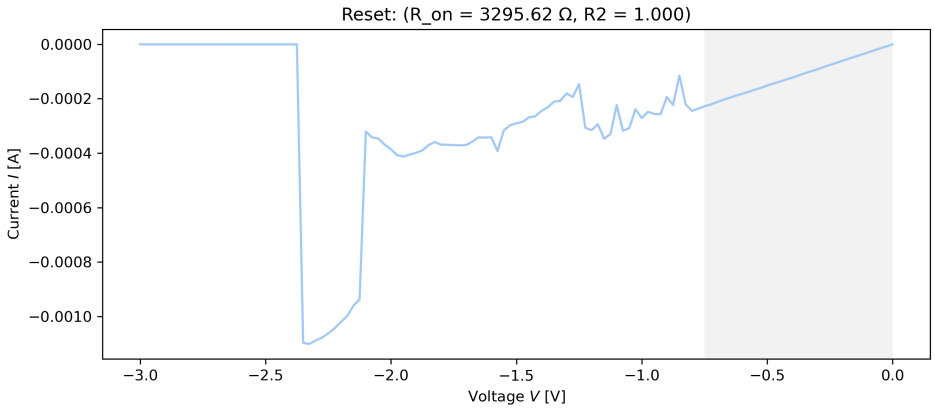
Probe A on copper, B on platinum. Cell was already in set.



reset

- **Time:** 04:28:04PM
- **Icc:** 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 R2:** 1.000

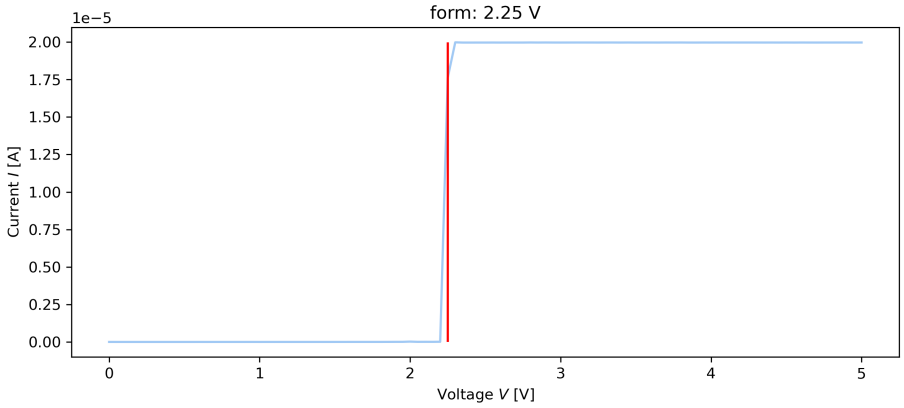
reset success but janky.



form

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

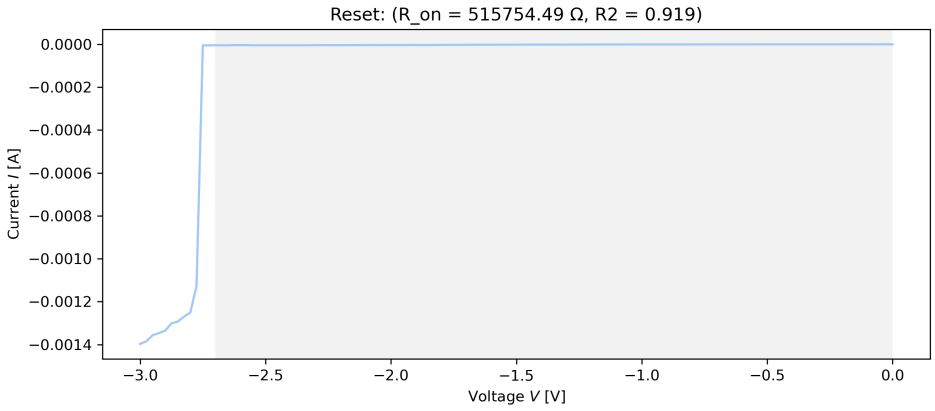
set success, 2.3V, very low.



reset

- **Time:** 04:31:04PM
- **Icc:** 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 R2:** 0.919

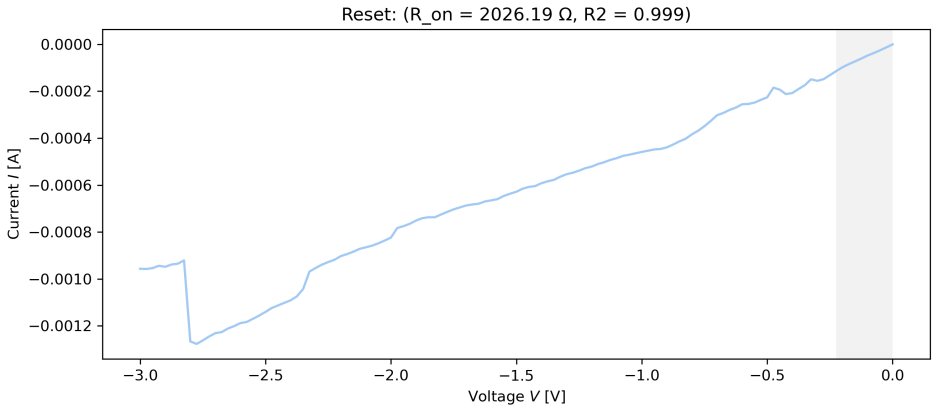
reset fail.



reset

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

reset fail.



reset

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

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