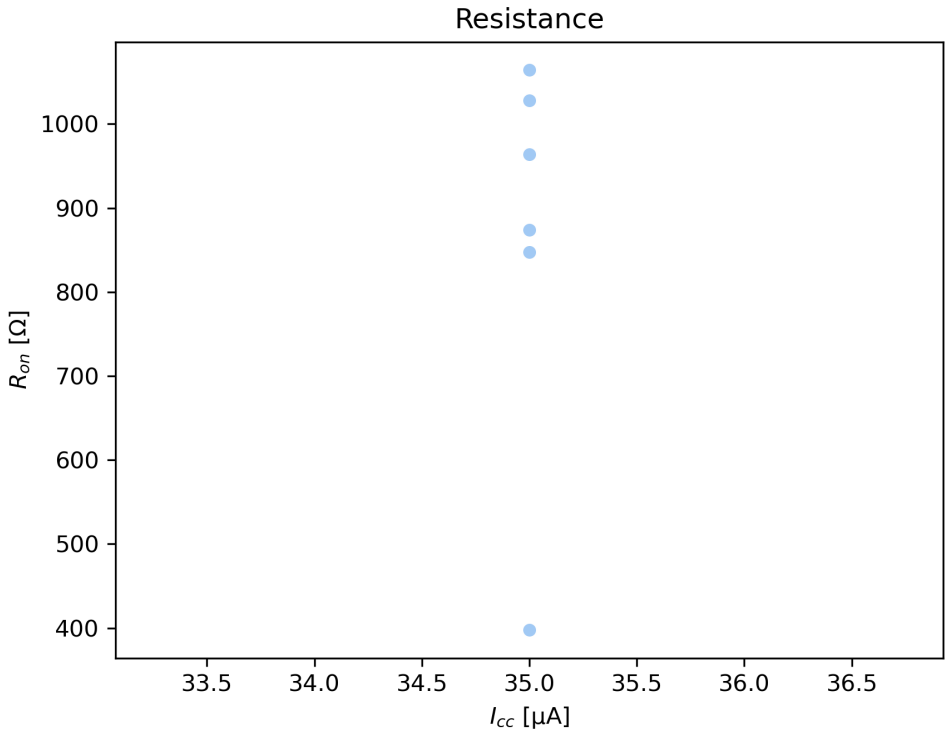
(wafer2,0,7,-1,-1,1,3) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 13
- **Last Measurement:** 2022/March/28 at 04:34:10PM

Summary

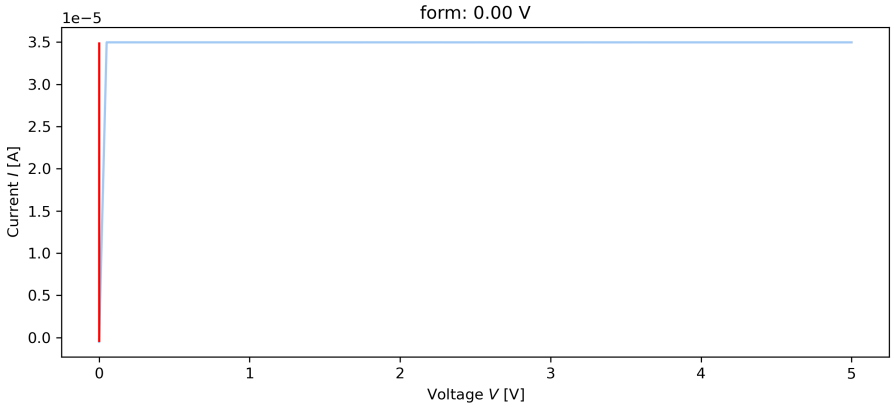
Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	35.0	4.80	397.61	1.000
2	35.0	4.80	964.10	1.000
3	35.0	4.70	847.16	1.000
4	35.0	2.30	1028.23	1.000
5	35.0	1.55	1064.23	1.000
6	35.0	4.00	873.64	1.000



form

- **Time:** 04:29:06PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.837 V/s*
- **Cycle:** 1
- **Error:** Set failed

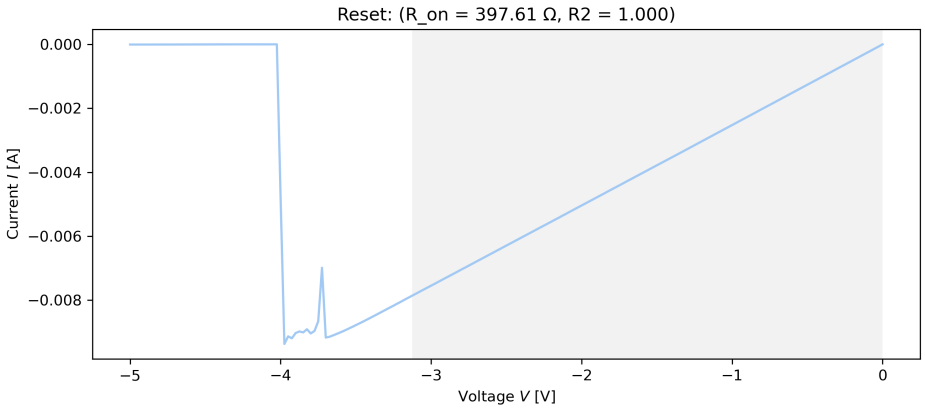
Set quickly, not actual form for this cell



reset

- **Time:** 04:29:26PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 1
- **Resistance:** 397.61 Ω
- **Linear Fit R2:** 1.000

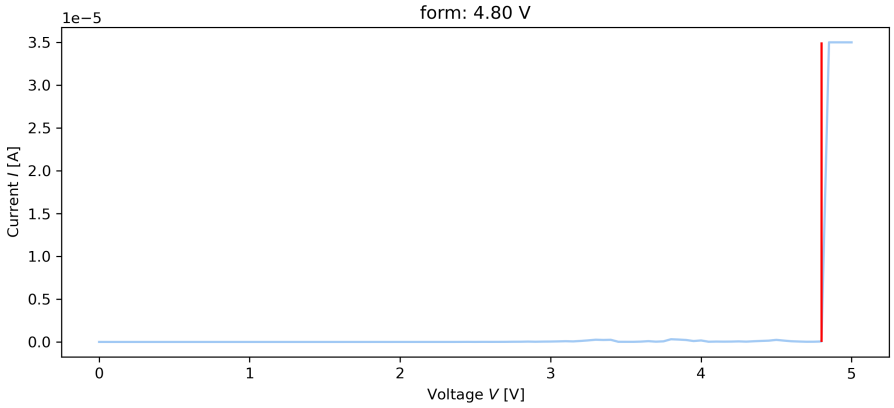
Did Reset



form

- **Time:** 04:29:58PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 4.80 V

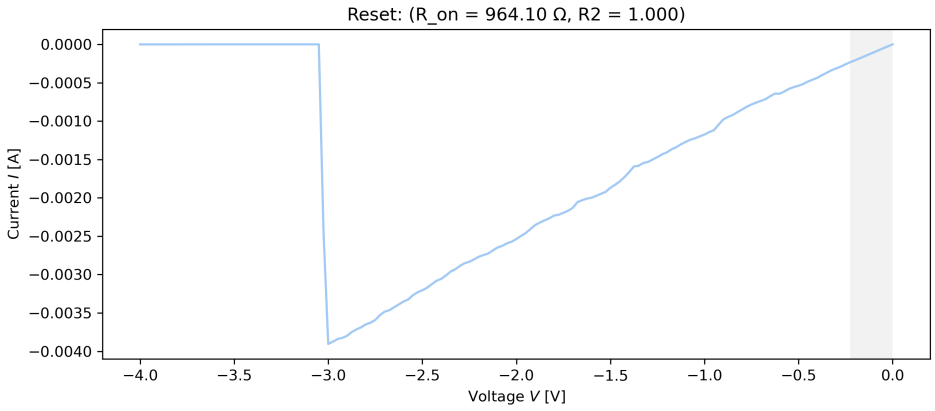
Formed at 4.85V



reset

- **Time:** 04:30:36PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.619 V/s*
- **Cycle:** 2
- **Resistance:** 964.10 Ω
- **Linear Fit R2:** 1.000

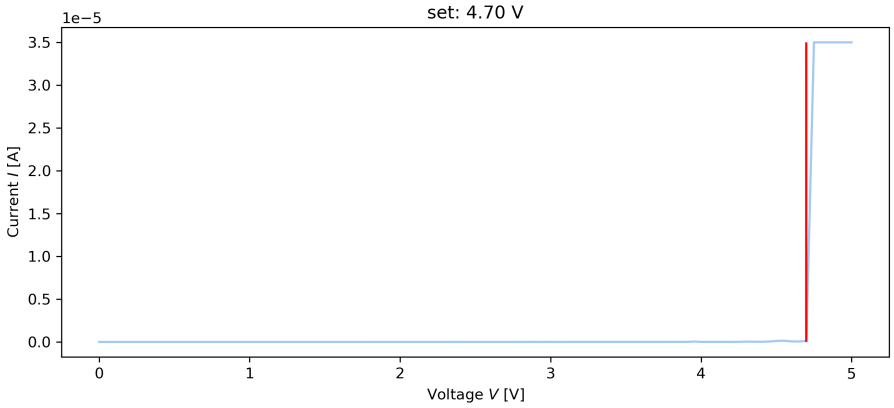
Did Reset



set

- **Time:** 04:31:06PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 3
- **Set Voltage:** 4.70 V

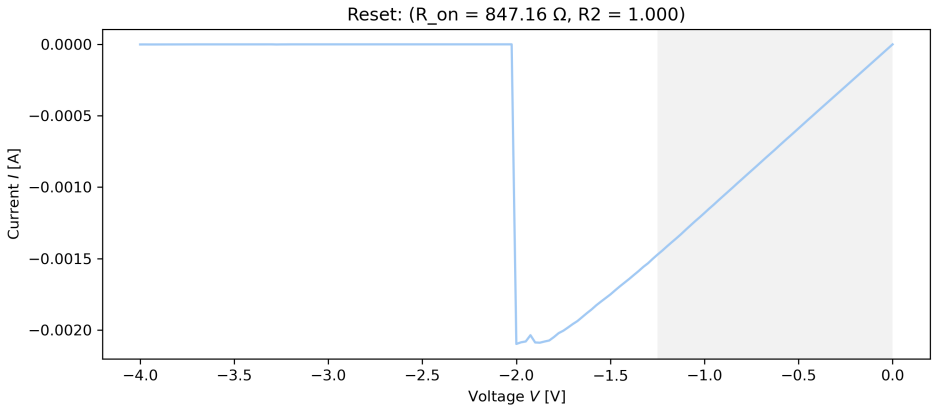
Set at 4.75V, high voltage but lower than form



reset

- **Time:** 04:31:29PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.642 V/s*
- **Cycle:** 3
- **Resistance:** 847.16 Ω
- **Linear Fit R2:** 1.000

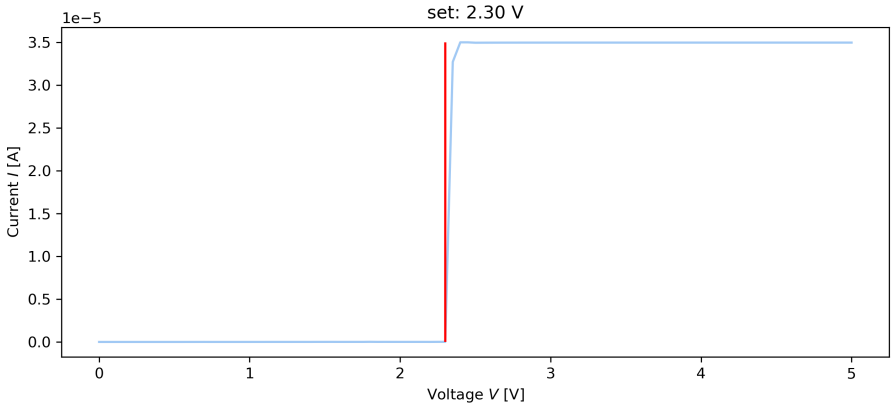
Did Reset



set

- **Time:** 04:31:50PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Set Voltage:** 2.30 V

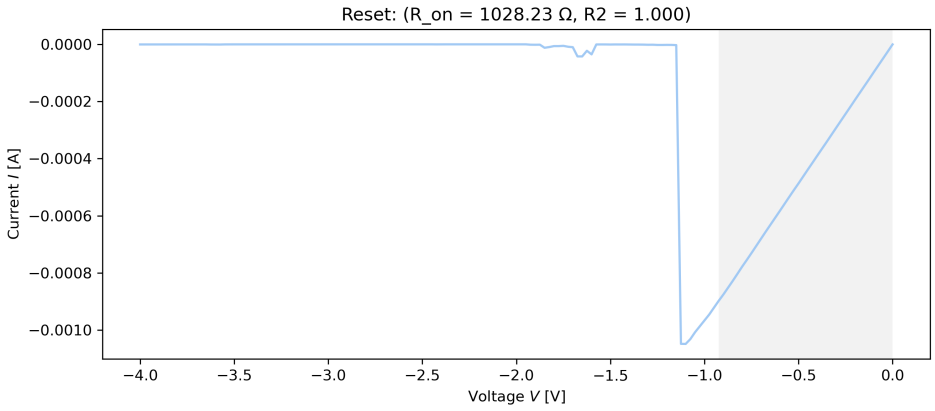
Set at 2.4V



reset

- **Time:** 04:32:15PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.605 V/s*
- **Cycle:** 4
- **Resistance:** 1028.23 Ω
- **Linear Fit R2:** 1.000

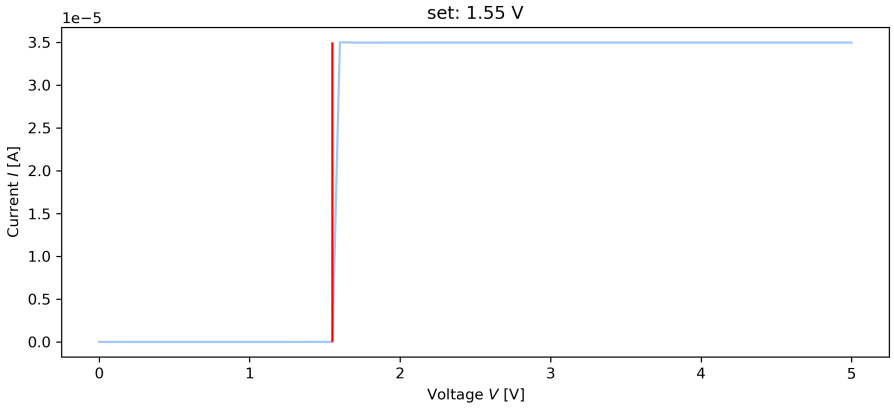
Did Reset



set

- **Time:** 04:32:38PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 5
- **Set Voltage:** 1.55 V

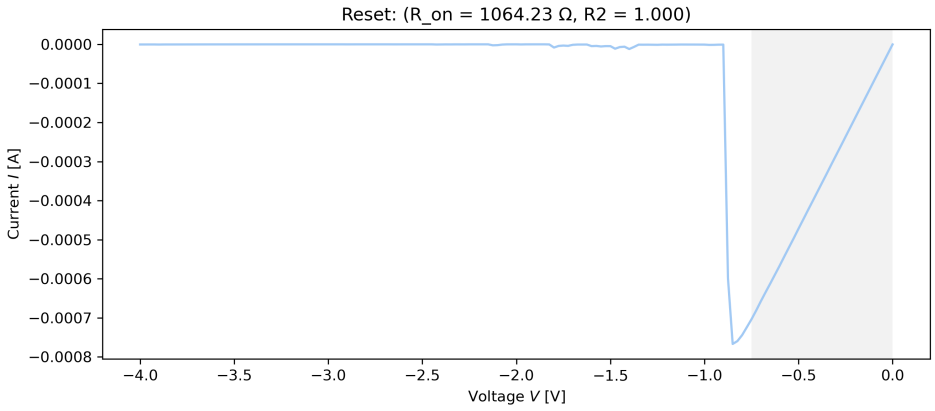
Set at 1.6V



reset

- **Time:** 04:32:58PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.558 V/s*
- **Cycle:** 5
- **Resistance:** 1064.23 Ω
- **Linear Fit R2:** 1.000

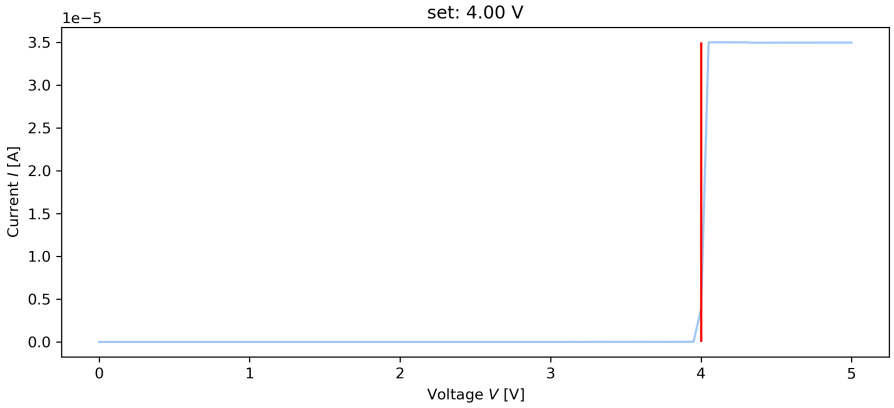
Did Reset, very low voltage



set

- **Time:** 04:33:33PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 6
- **Set Voltage:** 4.00 V

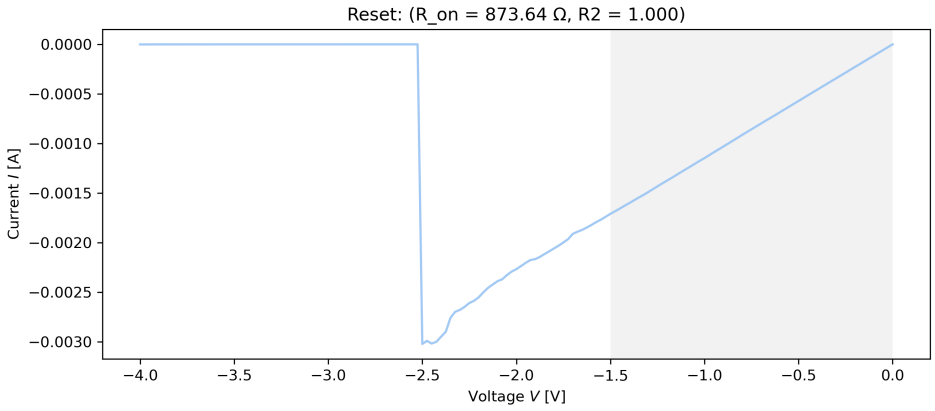
Set at 4.05V



reset

- **Time:** 04:33:57PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.635 V/s*
- **Cycle:** 6
- **Resistance:** 873.64 Ω
- **Linear Fit R2:** 1.000

Did Reset, good voltage



set

- **Time:** 04:34:10PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 7
- **Set Voltage:** 3.10 V

Set at 3.15V