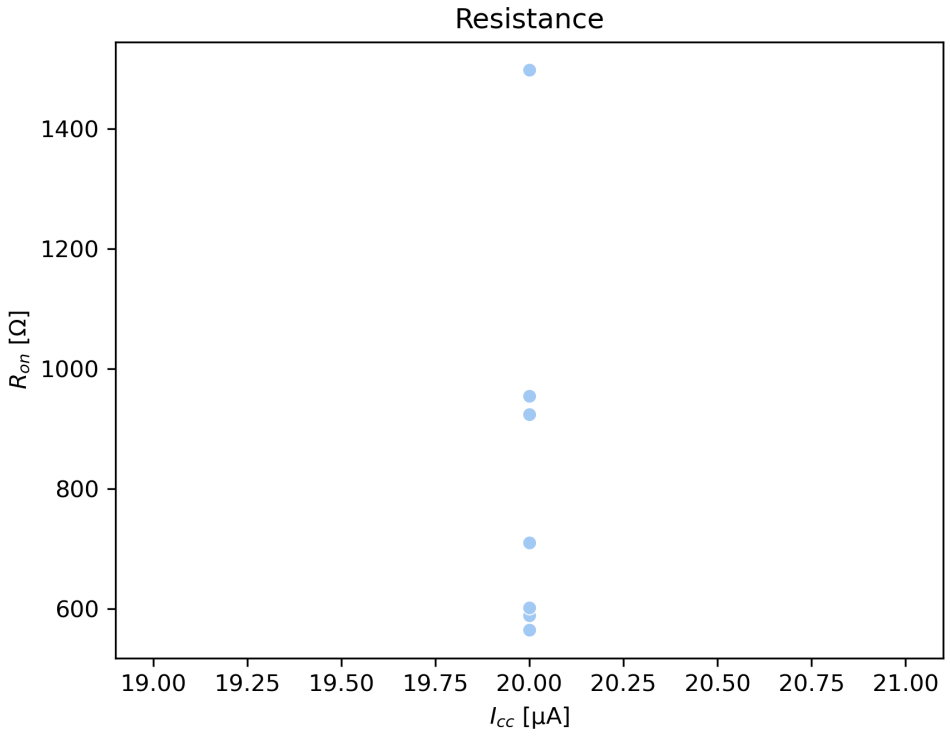
(device,0,0,-1,-1,4,4) Characteristics

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

Summary

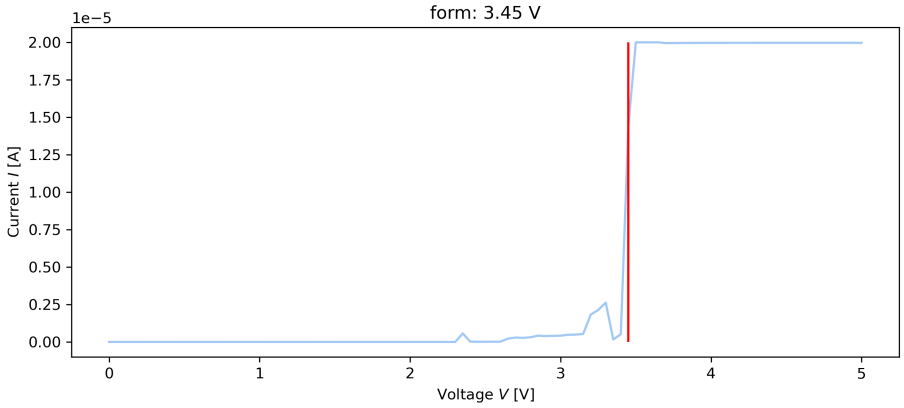
Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	20.0	3.45	1498.24	0.999
2	20.0	2.60	954.23	0.999
3	20.0	4.25	709.39	1.000
4	20.0	3.40	588.38	1.000
5	20.0	3.40	924.07	0.996
6	20.0	3.40	601.73	1.000
7	20.0	3.40	564.17	1.000



form

- **Time:** 02:14:55PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 3.45 V

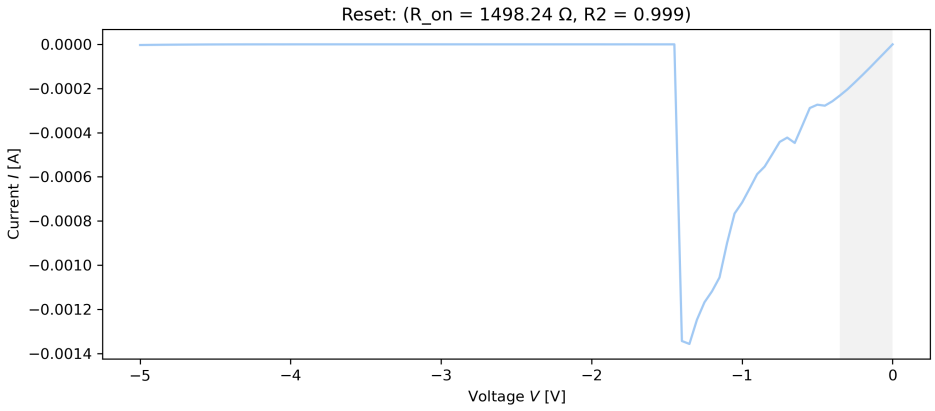
Form at 3.5 V



reset

- **Time:** 02:18:15PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.090 V/s*
- **Cycle:** 1
- **Resistance:** 1498.24 Ω
- **Linear Fit R2:** 0.999

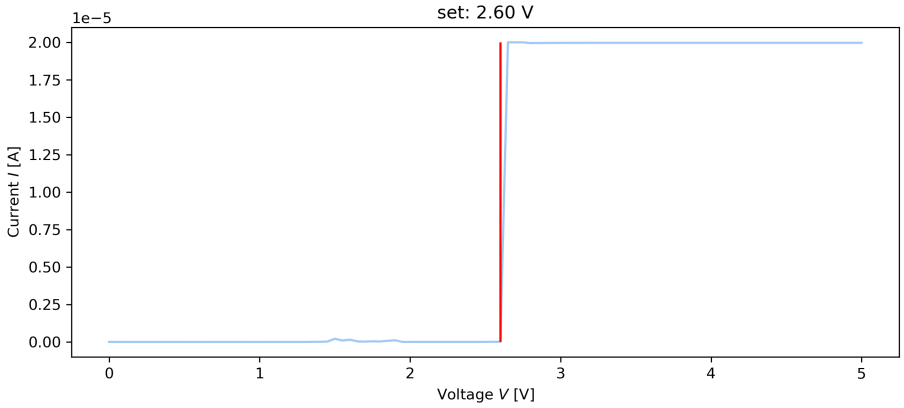
Reset at -1.45 V



set

- **Time:** 02:20:48PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 2
- **Set Voltage:** 2.60 V

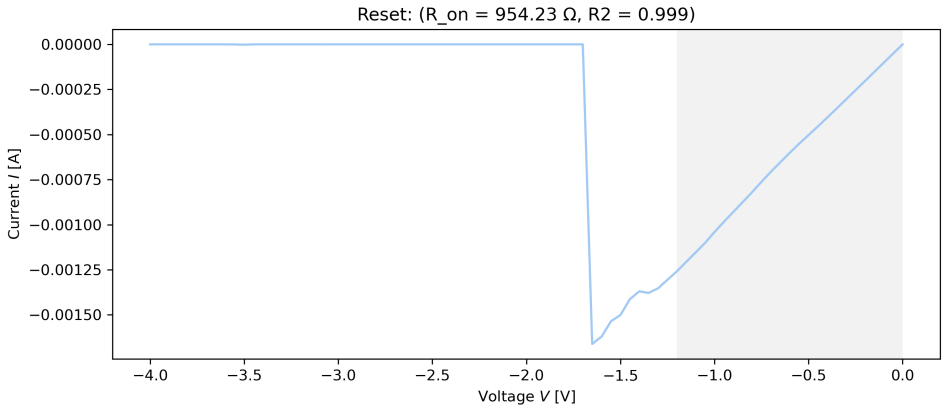
Set at 2.65 V



reset

- **Time:** 02:22:14PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.193 V/s*
- **Cycle:** 2
- **Resistance:** 954.23 Ω
- **Linear Fit R2:** 0.999

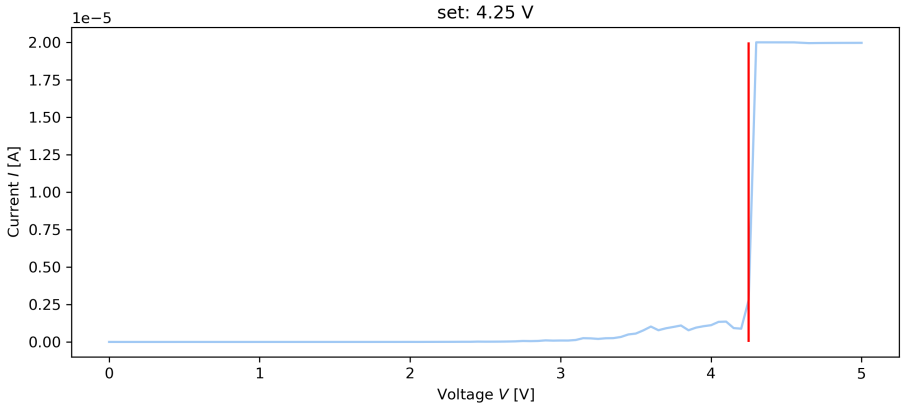
Reset at -1.7 V



set

- **Time:** 02:23:51PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 3
- **Set Voltage:** 4.25 V

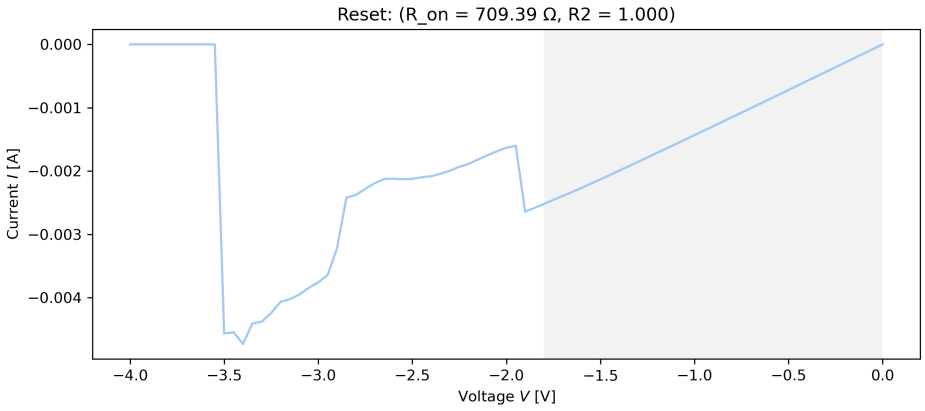
Set at 4.3 V



reset

- **Time:** 02:25:36PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.317 V/s*
- **Cycle:** 3
- **Resistance:** 709.39 Ω
- **Linear Fit R2:** 1.000

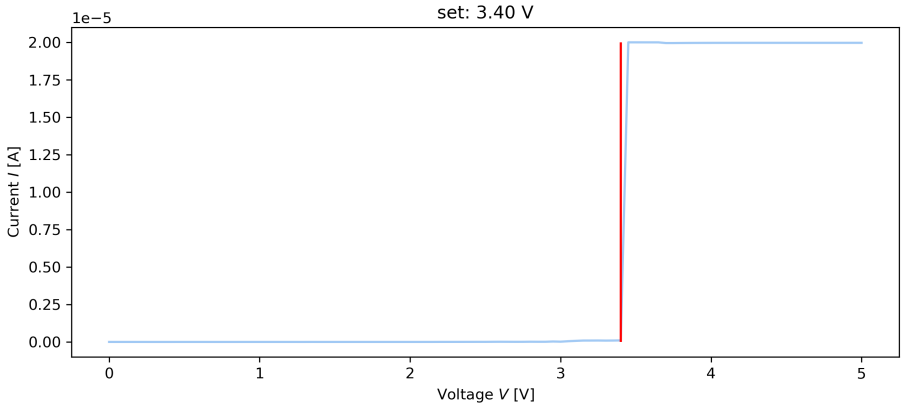
Reset at -3.55 V



set

- **Time:** 02:28:59PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Set Voltage:** 3.40 V

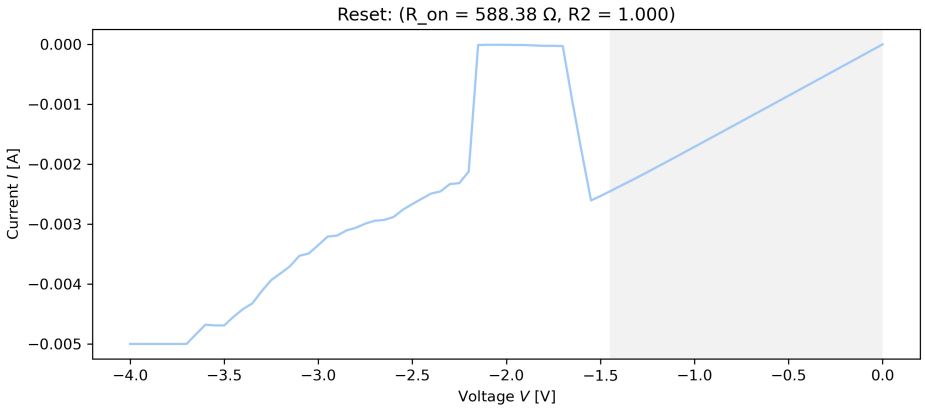
Set at 3.45 V



reset

- **Time:** 02:29:50PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.390 V/s*
- **Cycle:** 4
- **Resistance:** 588.38 Ω
- **Linear Fit R2:** 1.000

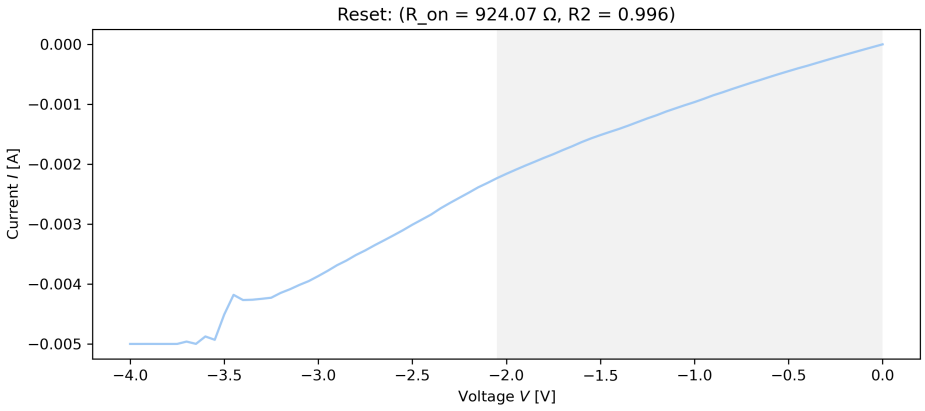
Failed reset



reset

- **Time:** 02:31:27PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.140 V/s*
- **Cycle:** 5
- **Resistance:** 924.07 Ω
- **Linear Fit R2:** 0.996

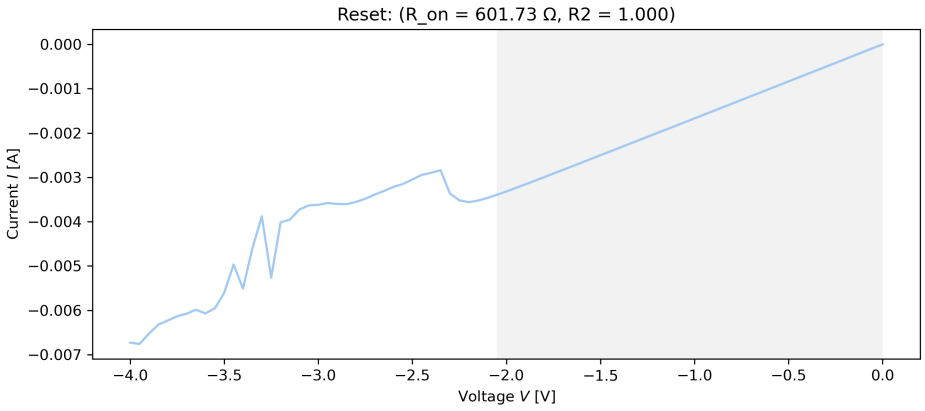
Failed reset



reset

- **Time:** 02:31:59PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.391 V/s*
- **Cycle:** 6
- **Resistance:** 601.73 Ω
- **Linear Fit R2:** 1.000

Failed reset



reset

- **Time:** 02:32:26PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.429 V/s*
- **Cycle:** 7
- **Resistance:** 564.17 Ω
- **Linear Fit R2:** 1.000

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