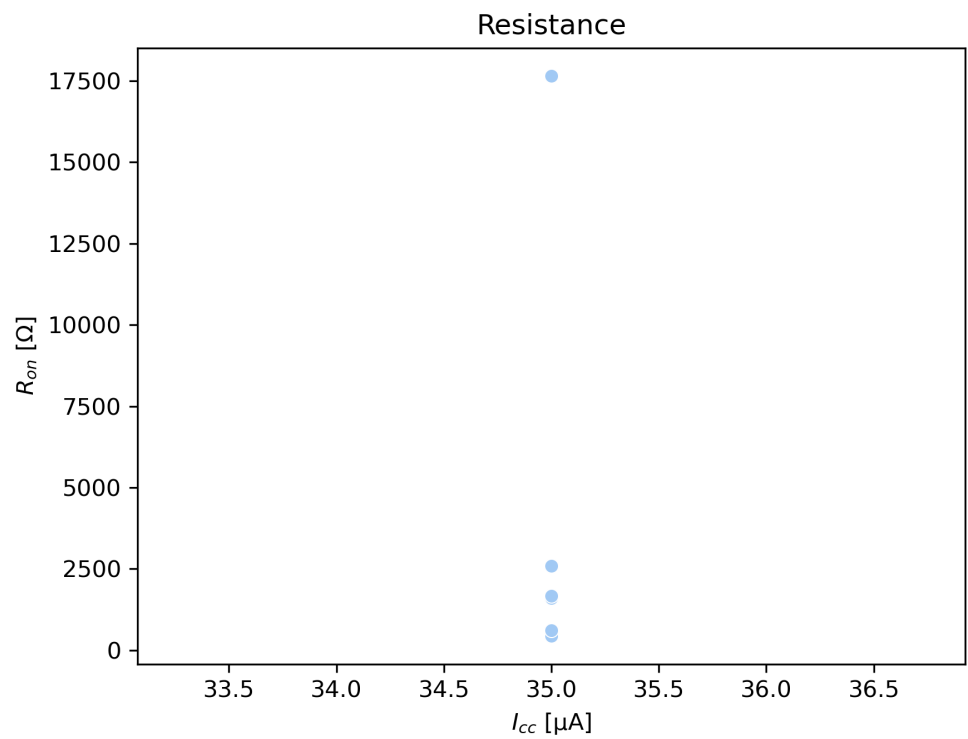


(wafer2,0,7,-1,-1,0,2) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 19
- **Last Measurement:** 2022/March/28 at 04:22:30PM

Summary

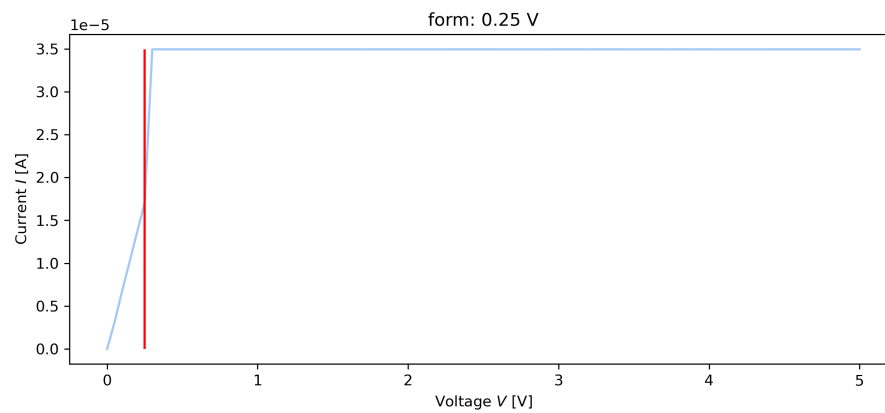
Cycle #	Set Icc (μ A)	Set Voltage (V)	R_on (Ω)	R2
1	35.0	0.25	17651.61	0.995
2	35.0	4.65	470.70	1.000
3	35.0	4.65	435.52	1.000
4	35.0	4.50	603.01	1.000
5	35.0	4.50	1593.75	0.996
6	35.0	3.55	1676.34	0.995
7	35.0	3.40	2586.90	0.998
8	35.0	4.45	1911.68	0.978



form

- **Time:** 04:11:33PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.715 V/s*
- **Cycle:** 1
- **Set Voltage:** 0.25 V

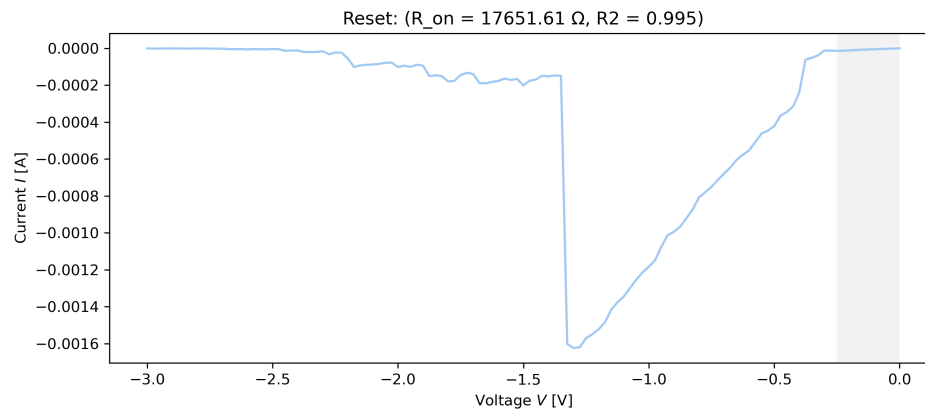
Formed at 0.3V, weird



reset

- **Time:** 04:12:51PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V \rightarrow -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.607 V/s*
- **Cycle:** 1
- **Resistance:** 17651.61 Ω
- **Linear Fit R2:** 0.995

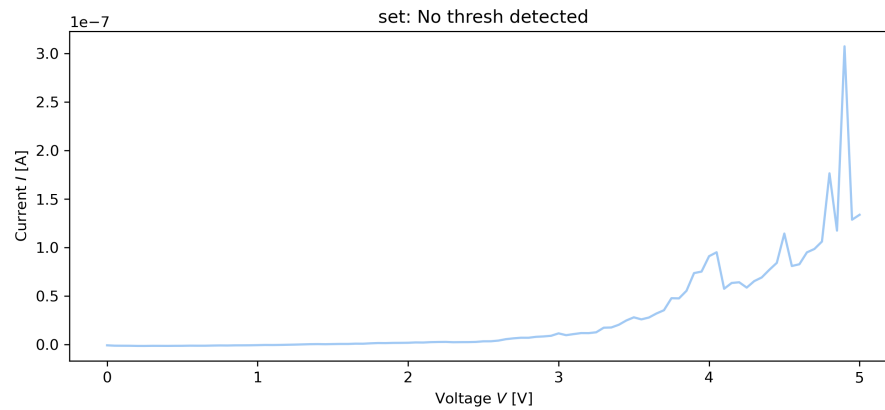
Reset



set

- **Time:** 04:13:20PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 2
- **Error:** Set failed

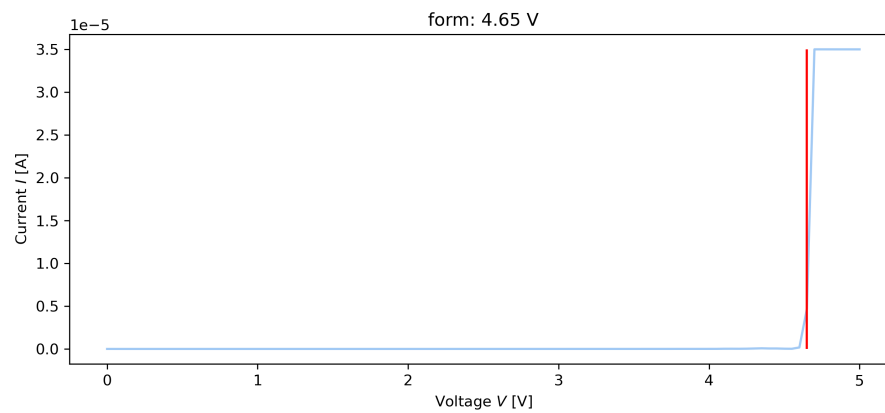
Did Not Set



form

- **Time:** 04:14:28PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 2
- **Set Voltage:** 4.65 V

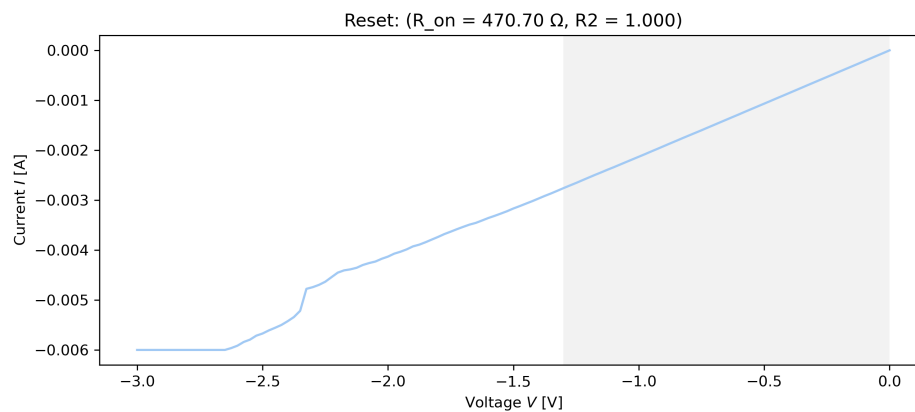
formed at 4.7V



reset

- **Time:** 04:15:25PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.765 V/s*
- **Cycle:** 2
- **Resistance:** 470.70 Ω
- **Linear Fit R²:** 1.000

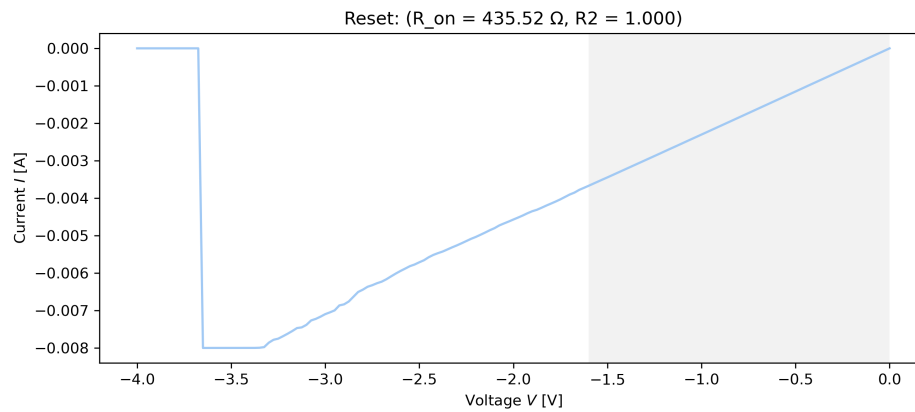
Did not reset



reset

- **Time:** 04:15:52PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 3
- **Resistance:** 435.52 Ω
- **Linear Fit R²:** 1.000

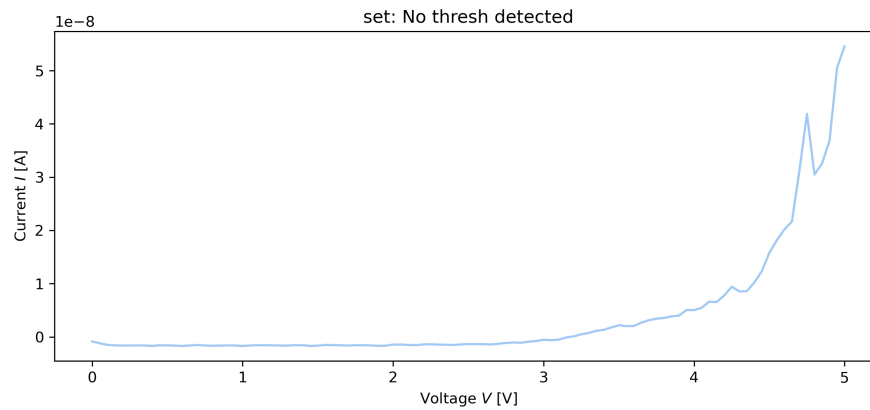
Did Reset



set

- **Time:** 04:16:37PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Error:** Set failed

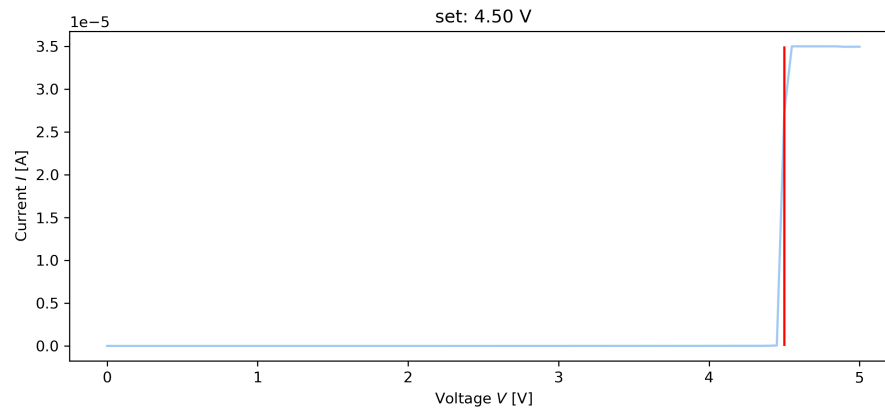
Did not set



set

- **Time:** 04:17:10PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Set Voltage:** 4.50 V

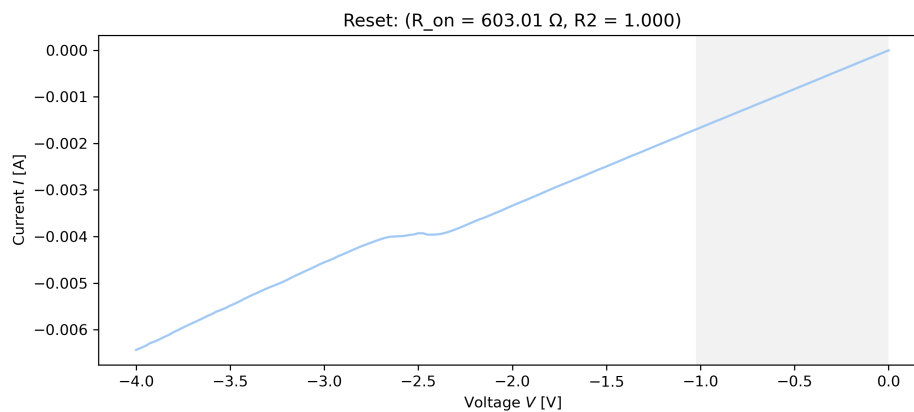
Set at 4.55V



reset

- **Time:** 04:17:34PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.713 V/s*
- **Cycle:** 4
- **Resistance:** 603.01 Ω
- **Linear Fit R²:** 1.000

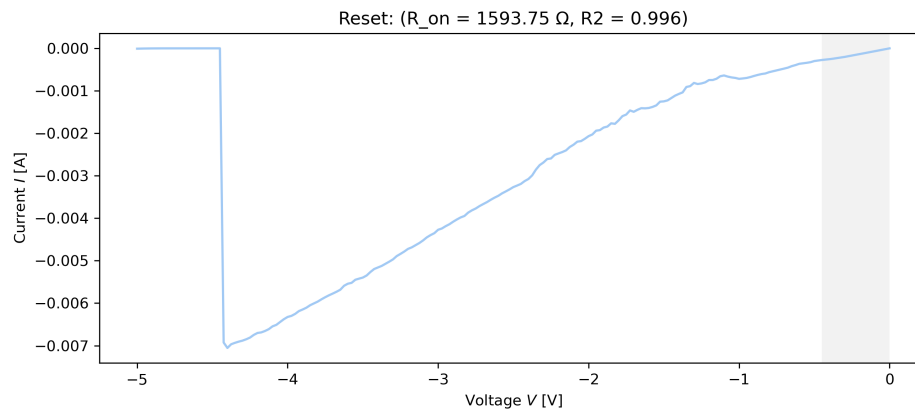
Did not reset



reset

- **Time:** 04:18:21PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.559 V/s*
- **Cycle:** 5
- **Resistance:** 1593.75 Ω
- **Linear Fit R2:** 0.996

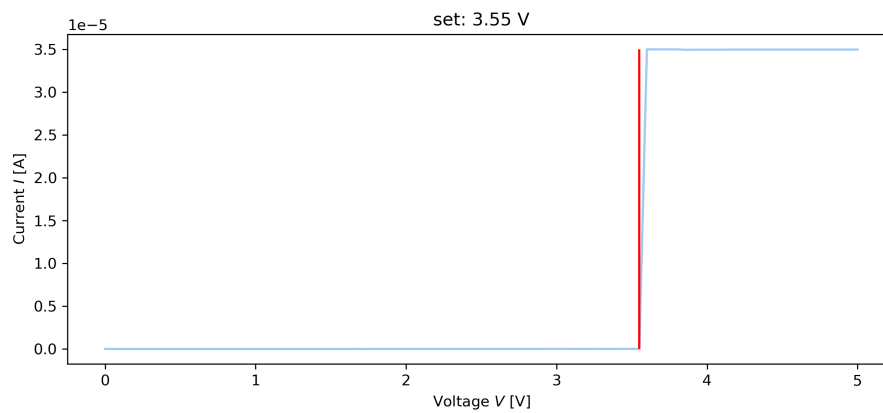
Did Reset, high reset voltage -4.45



set

- **Time:** 04:19:01PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 6
- **Set Voltage:** 3.55 V

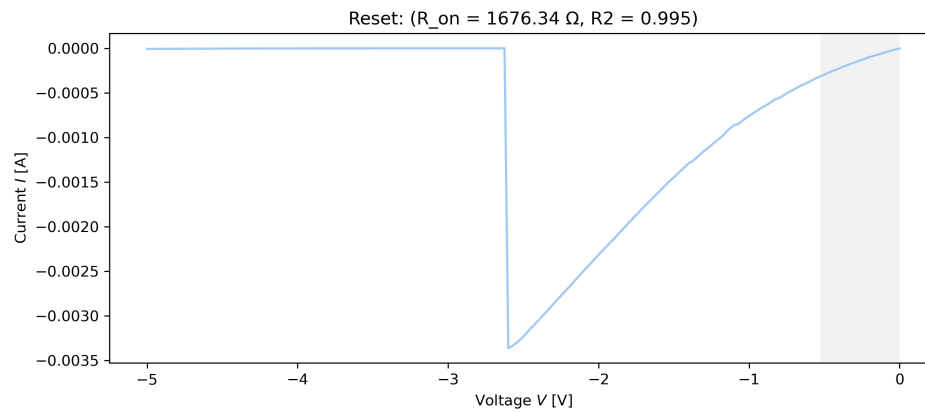
set at 3.6V



reset

- **Time:** 04:19:28PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.559 V/s*
- **Cycle:** 6
- **Resistance:** 1676.34 Ω
- **Linear Fit R2:** 0.995

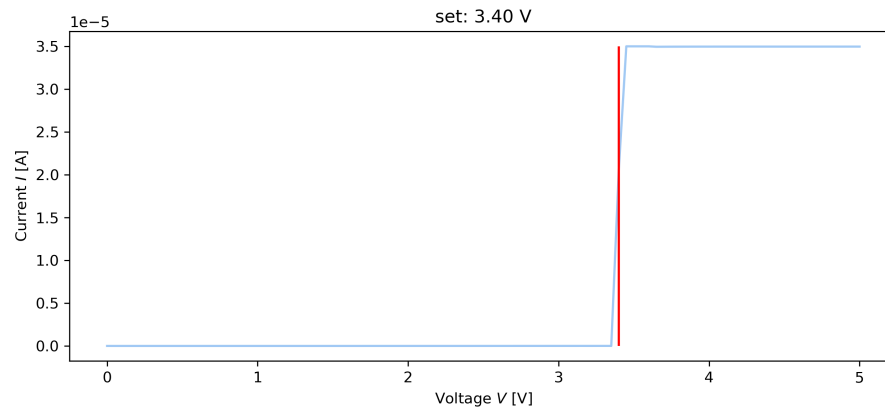
Did Reset at good voltage



set

- **Time:** 04:19:56PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 7
- **Set Voltage:** 3.40 V

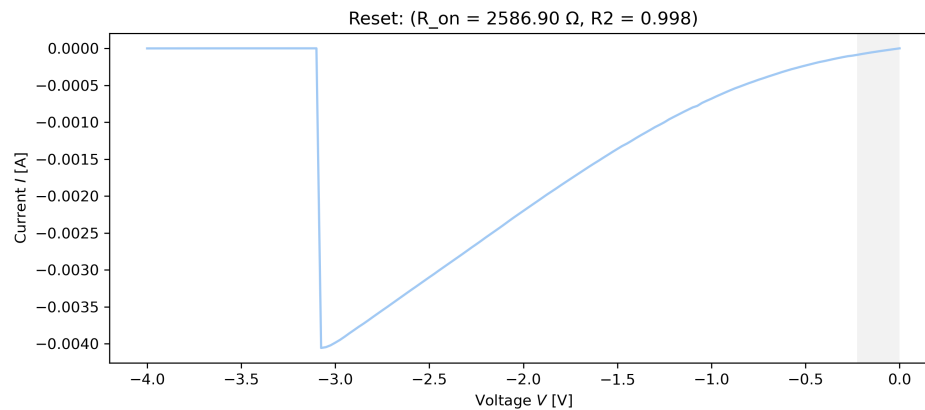
Set at 3.45V



reset

- **Time:** 04:20:58PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.558 V/s*
- **Cycle:** 7
- **Resistance:** 2586.90 Ω
- **Linear Fit R2:** 0.998

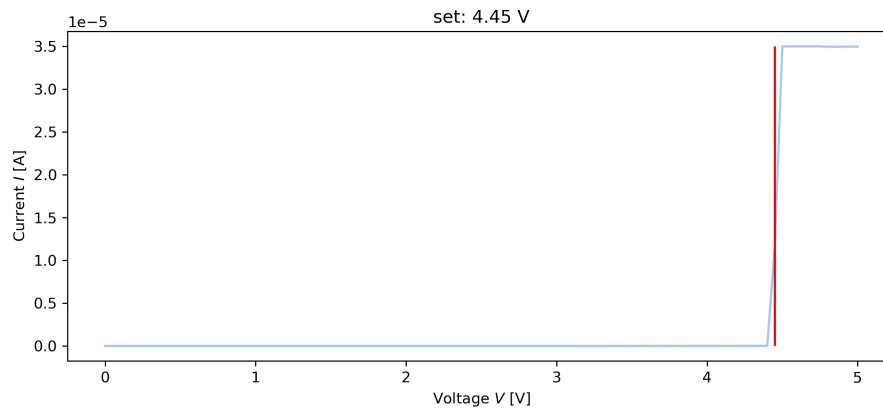
Reset successfully



set

- **Time:** 04:21:40PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 8
- **Set Voltage:** 4.45 V

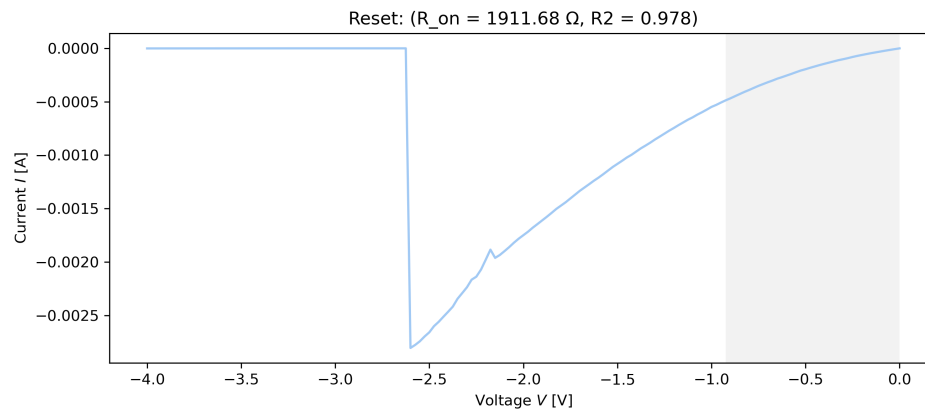
set at 4.5V



reset

- **Time:** 04:22:14PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.557 V/s*
- **Cycle:** 8
- **Resistance:** 1911.68 Ω
- **Linear Fit R²:** 0.978

Reset successfully



set

- **Time:** 04:22:30PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 9
- **Set Voltage:** 3.95 V

set at 4V

