

## Memristor

User: Giorgos\_Psaltakis Device: Sample Area: 1.00 cm^2 "2024-03-01\_17.09.24\_Memristor\_Sample\_\_IV.txt" Cell area Temperature Cell name > Start Giorgos\_Psaltakis Sample 1 cm² 0°C + 🕦 🐚 Voltage 🦳 Current 🦳 Configure Waveform 1.5-1.4-1.3-1.2-1.1--100n Time settings -80n Sampling Time 5 ms -60n -40n Voltage (V) 900m -Acquisition settings -20n 800m 700m Voltage Range 6 V E -20n Current Range 1 µA 600m Current Limit 1u A -40n 400m -60n 300m Output settings -80n 100m DC Bias Voltage 0 V --100n Light settings 180 200 220 240 260 280 300 320 340 360 380 400 420 440 140 DC Light Bias O Pulse Light R\_HRS R\_LRS M Pulse Info 285-LED Ring 280-460 Туре 275-Enable -450 Resistance HRS (Ohm) 265-260-255-250-245--440 Resistance\_LRS (Ohm) -420 -410 -400 -400 Frequency 10Hz Amplitude (a.u.) 1 50 % Duty Cycle 240-390 235--380 230-0.125 0.275 Time (s)

