

## Memristor

User: Giorgos\_Psaltakis Device: Sample Area: 1.00 cm^2 "2024-03-01\_17.09.14\_Memristor\_Sample\_\_IV.txt" Cell name Cell area Temperature > Start Giorgos\_Psaltakis Sample 1 cm² 0°C + 🅦 🐚 Voltage 🦳 Current 🦳 Configure Waveform 1.5-1.4-1.3-1.2-1.1--70n Time settings -80n Sampling Time 5 ms -90n -100n Voltage (V) 900m -800m -700m -Acquisition settings -110n 🔓 -120n 🚆 Voltage Range 6 V -130n **E** Current Range 10 mA 600m Current Limit 10m A -140n 400m --150n 300m Output settings -160n 100m DC Bias Voltage 0 V --170n Light settings 25 Time (ms) DC Light Bias O Pulse Light R\_HRS R\_LRS M Pulse Info 144m-LED Ring 142m -94m Туре 140m -96m Enable 138m Resistance | HSS (Ohm) | 138m- | 132m- | 132m- | 132m- | 132m- | 134m- | 134m---98m Resistance LRS (Ohm) -98m Frequency 10Hz Amplitude (a.u.) 1 50 % Duty Cycle -110m 122m --112m 120m ---114m 118m --116m 0.4 0.275

