

Memristor

User: Giorgos_Psaltakis Device: Sample Area: 1.00 cm^2 "2024-03-01_17.36.06_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 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 140 DC Light Bias O Pulse Light R_HRS R_LRS M Pulse Info 570-LED Ring -460 560-Туре -470 Enable 550-**Sesistance HRS (Ohm)** 530 – 520 – 510 – 500 – 490 – --480 Resistance_LRS (Frequency 10Hz Amplitude (a.u.) 1 50 % Duty Cycle -520 **(Ohm)** 480--540 -550 470-460 - 0.125 0.275 Time (s)

