

Memristor

User: Giorgos_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2 "2024-02-28_13.57.30_Memristor_dev1cell3pmmaeaold__IV.txt" Cell name > Start Giorgos_Psaltakis dev1cell3pmmaeaold 1 cm² 0°C + 🕦 🐚 Voltage 🦳 Current 🦳 Configure Waveform -5.5u Time settings 1.8--4.5u Sampling Time 10 ms 1.6--4u -3.5u Voltage (V) Acquisition settings 1.2--3u Voltage Range 6 V -2.5u Ē 800m Current Range 10 mA -2u Current Limit 10m A -1.5u -1u Output settings 200m -500n DC Bias Voltage 0 V -500n Light settings 1000 2000 5500 6000 Time (ms) DC Light Bias
Pulse Light R_HRS R_LRS 11k LED Ring 11k--10.8k 10.8k-0.100 -10.6k 10.6k-0.8--10.4k sistance_LRS (Ohm)
-10.8k -10k -10k -9.8k 9.6k 9.6k **Resistance HRS (Ohm)**-48.0
-49.0
-9.6k-0.6-0.4-0.2--9.4k -9.2k 9.2k-1000.45 1000.55 1000.6 1000.65 1000.7

Time (s)

