![cicci research]

User: Giorgos_Psaltakis   Device: dev1c4-PVSKofet-29-02-24   Area: 1.00 cm^2

"2024-06-18_16.02.34_Transistor Sweep_dev1c4-PVSKofet-29-02-24.txt"

▷ Start   Ready

User name	Cell name	Cell area	Temperature
Giorgos_Psaltakis	dev1c4-PVSKofet-29-	1 cm²	25.0522 °C

Device Select
SMU + FGEN

00:01:58   100 %   6/18/2024 4:05:54 PM
Remaining (est.)   Sweep Progress   Estimated Completion Time

SMU Configuration

LED Ring

Probe Config   Fast = Gate

Fast Probes
Current Gain   100
Max current   100mA

Slow Probes
Voltage Range   High (60V)
Current Range   100 µA
Current Limit   500u A
Autorange   ☑

Measurement Type
Sweep gate, measure channel

Ramp Configuration

Gate		Channel	
V_start (V)	0	V_start (V)	-20
V_end (V)	0	V_end (V)	20
V_step (V)	0	V_step (V)	25m

Delay Time (s)   5   Scan Rate (mV/s)   400

Include reverse ☑
Revert ☐

Graphs

Gate Voltage 1.354mV   Gate Current -41.989nA

○ Linear   ○ Logarithmic

Channel Voltage 2.007V   Channel Current 500.007uA

○ Linear   ○ Logarithmic

☑ Vgate: 0.00 V

Ready