Transistor Sweep

User: Spachis_Leandros   Device: Dev3c4-PVSK-1.4M-29-02-2024   Area: 1.00 cm^2

"2024-07-29_15.08.20_Transistor Sweep_Dev3c4-PVSK-1.4M-29-02-2024.txt"

▷ Start   Ready

User name	Cell name	Cell area	Temperature
Spachis_Leandros	Dev3c4-PVSK-1.4M-29-	1 cm²	24.9988 °C

00:00:01   100 %   7/29/2024 3:09:40 PM
Remaining (est.)   Sweep Progress   Estimated Completion Time

Device Select
SMU + FGEN

SMU Configuration

Probe Config   Fast = Gate

Fast Probes
Current Gain   100
Max current   100mA

Slow Probes
Voltage Range   Normal (6V)
Current Range   100 µA
Current Limit   1m A
Autorange   ☑

Measurement Type
Sweep gate, measure channel

Ramp Configuration

Gate
V_start (V) 0
V_end (V)   0
V_step (V)   0

Channel
V_start (V) 0
V_end (V)   4
V_step (V)   30m

Delay Time (s) 5
Scan Rate (mV/s) 100
Include reverse ☑
Revert ☐

LED Ring
0.000

Graphs

Gate Voltage 1.436mV   Gate Current 766.035nA
○ Linear ○ Logarithmic

Channel Voltage 2.182uV   Channel Current -10.142nA
○ Linear ● Logarithmic
☑ Vgate: 0.00 V

Ready