Transistor Sweep

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

"2024-07-29_15.16.58_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	24.9997 °C

00:00:01   100 %   7/29/2024 3:17:38 PM
Remaining (est.)   Sweep Progress   Estimated Completion Time

Device Select
SMU + FGEN

SMU Configuration

LED Ring   0.000

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)   100m

Delay Time (s)   5
Scan Rate (mV/s)   200
Include reverse   ☑
Revert   ☐

Graphs

Gate Voltage 1.456mV   Gate Current 944.240nA

Channel Voltage 4.807uV   Channel Current -9.281nA

Ready