Transistor Sweep

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

"2024-07-29_15.39.55_Transistor Sweep_Dev3c4-PVSK-1.4M-29-02-2024.txt"

					User name	Cell name	Cell area	Temperature
▷ Start		Ready			Spachis_Leandros	Dev3c4-PVSK-1.4M-29-	1 cm²	24.999 °C

Device Select
SMU + FGEN

00:00:00   100 %   7/29/2024 3:43:15 PM
Remaining (est.)   Sweep Progress   Estimated Completion Time

SMU Configuration

Probe Config   Fast = Gate

LED Ring
0.000

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)   -5
V_end (V)   5
V_step (V)   25m

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

Graphs

Gate Voltage 1.438mV   Gate Current 784.258nA

Channel Voltage -5.000V   Channel Current -213.876uA

Ready