Transistor Sweep

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

"2024-07-29_16.22.35_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	25.0005 °C

00:00:00   100 %   7/29/2024 4:23:29 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   500 A
Autorange   ☑

Measurement Type
Sweep gate, measure channel

Ramp Configuration

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

Delay Time (s)   5   Scan Rate (mV/s)   150

Include reverse ☑
Revert   ☐

LED Ring
0.000

Graphs

Gate Voltage 1.444mV   Gate Current 787.455nA   Channel Voltage 4.038uV   Channel Current -6.740nA

Ready