

## Transistor Sweep

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

"2024-07-29\_14.56.14\_Transistor Sweep\_Dev3c4-PVSK-1.4M-29-02-2024.txt" Device Select 00:00:01 7/29/2024 2:56:54 PM SMU Configuration LED Ring Probe Config Fast = Gate 1.0-Gate Voltage 1.459mV Gate Current 1.011uA Channel Voltage 2.318uV Channel Current -7.055nA 0.8- **●** Linear ○ Logarithmic Current Gain 100 -6.3n 38n-☑ Vgate: 0.00 V 0.6-Max current 100mA -6.4n 34n-32n-0.4--6.5n Slow Probes Channel Current (A)

200220220200180160120100806040200-20-Voltage Range Normal (6V) -6.6n Current Range 100 µA Current Limit 1m A -6.8n Autorange 🗹 -7.1n--7.2n-Measurement Type
Sweep gate, measure channel Ramp Configuration V\_start (V) 0 -7.3n V\_end (V) 0 V\_end (V) 2 -7.4n= V\_step (V) 0 V\_step (V) 50m -7.5n Delay Time (s) 5 -4n--6n--7.7n Revert \_ -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8



Channel Voltage (V)