

## Transistor Sweep

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

"2024-07-29\_15.35.02\_Transistor Sweep\_Dev3c4-PVSK-1.4M-29-02-2024.txt" Device Select 00:00:00 7/29/2024 3:35:55 PM SMU Configuration LED Ring Probe Config Fast = Gate 1.0-Gate Voltage 1.422mV Channel Voltage 3.760uV Gate Current 670.622nA Channel Current -7.298nA 0.8- **●** Linear ○ Logarithmic Current Gain 100 -6.5n 130n ☑ Vgate: 0.00 V 0.6-Max current 100mA -6.6n 0.4-Slow Probes Voltage Range Normal (6V) -6.8n Current Range 100 µA -6.9n= 90n-Current Limit 1m A -7n Autorange 🗹 Cy -7.1n--7.2n--7.3n--7.4n--7.5n-80n-3 Measurement Type
Sweep gate, measure channel 70n 60n Ramp Configuration 50n V\_start (V) 0 -7.6n V\_end (V) 4 V\_end (V) 0 -7.7n V\_step (V) 0 V\_step (V) 100m 20n--7.8n Delay Time (s) 5 10n--7.9n -8n-Revert \_ -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 Channel Voltage (V)

