

Transistor Sweep

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

"2024-07-29_16.19.45_Transistor Sweep_Dev3c4-PVSK-1.4M-29-02-2024.txt" Device Select 00:00:01 7/29/2024 4:21:05 PM SMU Configuration LED Ring Probe Config Fast = Gate 1.0-Gate Voltage 1.425mV Channel Voltage 2.344uV Gate Current 631.774nA Channel Current -7.182nA 0.8- **●** Linear ○ Logarithmic OLinear

Logarithmic Current Gain 100 -6.4n ☑ Vgate: 0.00 V 0.6-Max current 100mA -6.5n 0.4-Slow Probes -6.7n Voltage Range Normal (6V) 100n Current Range 100 µA -6.8n Current Limit 500uA -6.9n Autorange 🗹 Channel Current (A) -7.1n -7.2n -7.2n -7.3n -7.4n -7.4 Channel Current (A) Measurement Type
Sweep gate, measure channel Ramp Configuration V_start (V) 0 -7.5n V_end (V) 4 V_end (V) 0 -7.6n V_step (V) 0 V_step (V) 50m 100p -7.7n= Delay Time (s) 5 -7.8n -7.9n Revert _ -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 Channel Voltage (V)

