

Transistor Sweep

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

"2024-07-29_15.03.56_Transistor Sweep_Dev3c4-PVSK-1.4M-29-02-2024.txt" Device Select 00:00:01 7/29/2024 3:04:09 PM SMU Configuration LED Ring Probe Config Fast = Gate 1.0-Gate Voltage 1.436mV Channel Voltage 6.822uV Gate Current 740.209nA Channel Current -6.166nA 0.8-OLinear

Logarithmic Current Gain 100 -5.5n 100n-☑ Vgate: 0.00 V 0.6-Max current 100mA 0.4-Slow Probes Voltage Range Normal (6V) Current Range 100 µA Current Limit 1m A -5.9n Autorange 🗹 Channel Current (A) -6.1n -6.2n -6.3n -Channel Current (A) Measurement Type
Sweep gate, measure channel Ramp Configuration V_start (V) 0 V_end (V) 0 V_end (V) 2 V_step (V) 0 V_step (V) 50m -6.5n -6.6n Delay Time (s) 5 -6.7n Revert _ -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 Channel Voltage (V)

