

## SUMMARY TEST DATA ON SDLVA-1G20G-55-12-SFF

**CUSTOMER:** \_\_\_\_\_  
**SO:** \_\_\_\_\_  
**MODEL NO:** SDLVA-1G20G-55-12-SFF  
**SERIAL NO:** PL53235/2525

**TESTED BY:** Joshua Monley  
**TEMPERATURE:** +25°C (Unless Otherwise Specified)  
**DATE:** 6/12/2025  
**DRAWING NO:** 27637600      **REV:** A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	1 GHz – 20 GHz	1 GHz – 20 GHz	Pass
2	Frequency Flatness	±2.0 dB Typ	± 2.00 dB See Plot	Pass
3	Log Linearity	±1.5 dB Typ (-50 to 0dBm)	± 1.98 dB See Plot	Pass
4	Log Linearity Over Temp	±2.0 dB Typ (-50 to 0dBm) (@ -55°C to +85°C)	By Design	Pass
5	Logging Range	-55 to +5 dBm	PASS	Pass
6	Video Load	50 OHMS	50 OHMS	Pass
7	Input VSWR	2.8:1 Typ	4.326:1	Pass
8	Log Video Output Voltage	0.1 V to 2.5V Typ	See Plot	Pass
9	Log Video Output Slope	50 mV / dB Typ	49.24 mV/dB	Pass
10	Log Video Output Rise Time	5 ns Typ (Pin = -20 dBm @ 10% to 90%)	6.8 nS	Pass
11	Log Video Output Fall Time	20 ns Typ (Pin = -20 dBm @ 90% to 10%)	13 nS	Pass
12	Log Video Recovery Time	28 ns Typ (Pin = -50 dBm to 0 dBm)	24 nS	Pass
13	Log Video Propagation Delay	15 ns Typ	By Design	Pass
14	TSS	-58dBm Typ	-57.8 dBm	Pass
15	Power Supply	+8V to +15V @ 130mA Typ	110mA	Pass

QA/QC Approval:  *[Signature]*

Date: 6-17-25



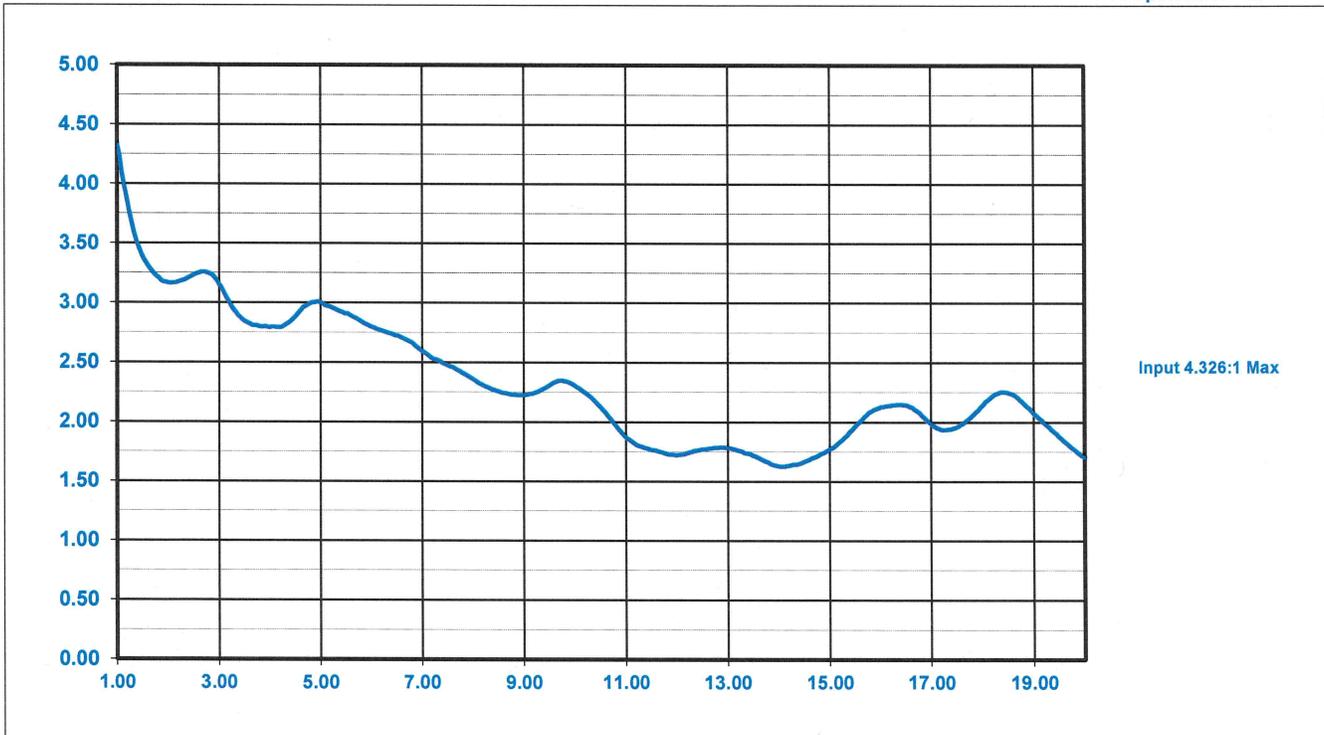




# SUMMARY TEST DATA ON SDLVA-1G20G-55-12-SFF

Model Number: SDLVA-1G20G-55-12-SFF  
Serial Number: PL53235

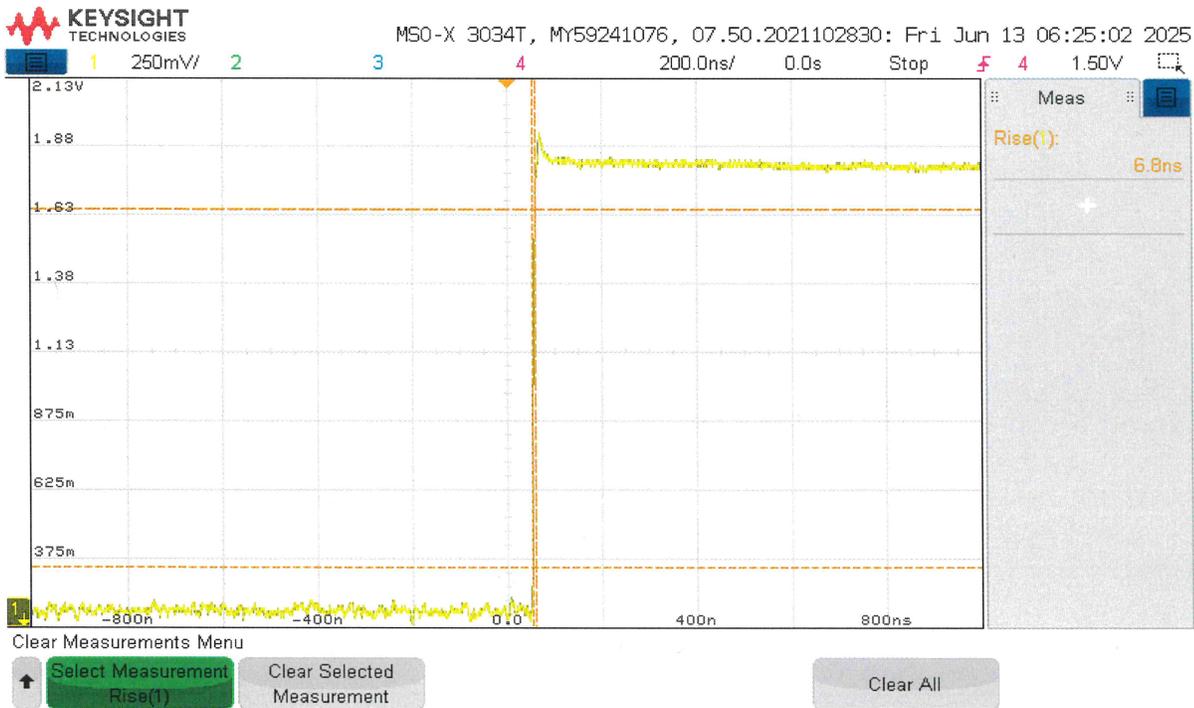
Temperature: +25C





**SUMMARY TEST DATA  
ON  
SDLVA-1G20G-55-12-SFF**

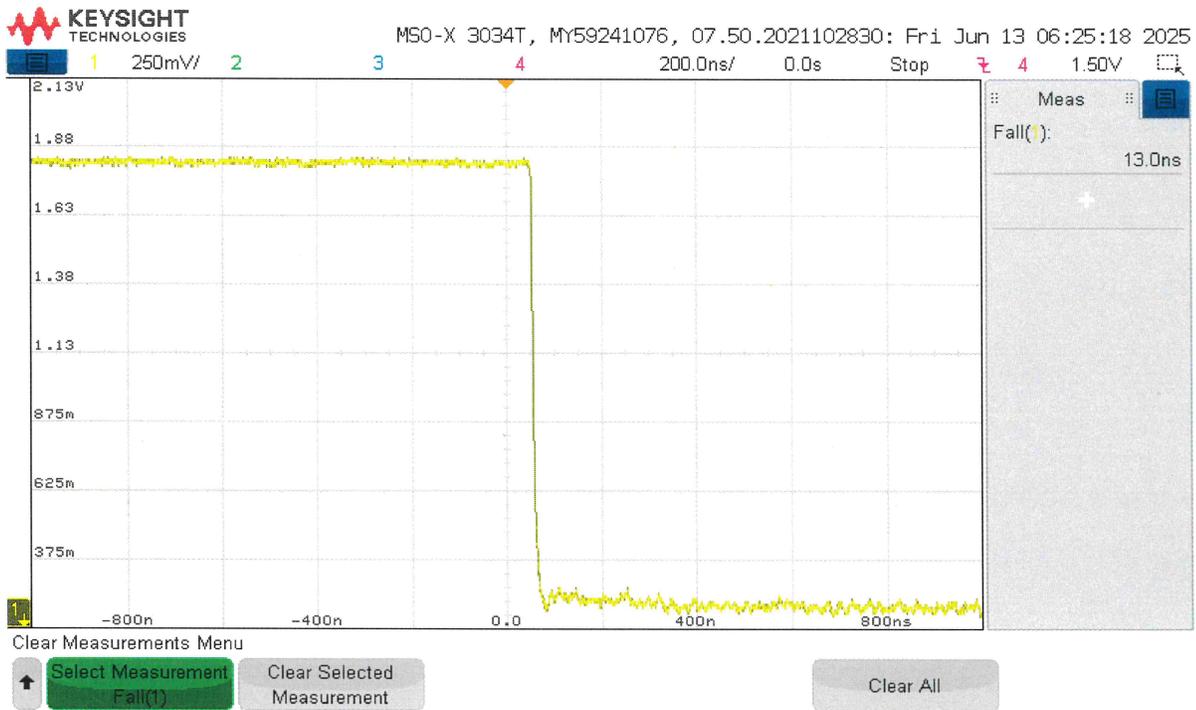
Rise Time = 6.8 ns





**SUMMARY TEST DATA  
ON  
SDLVA-1G20G-55-12-SFF**

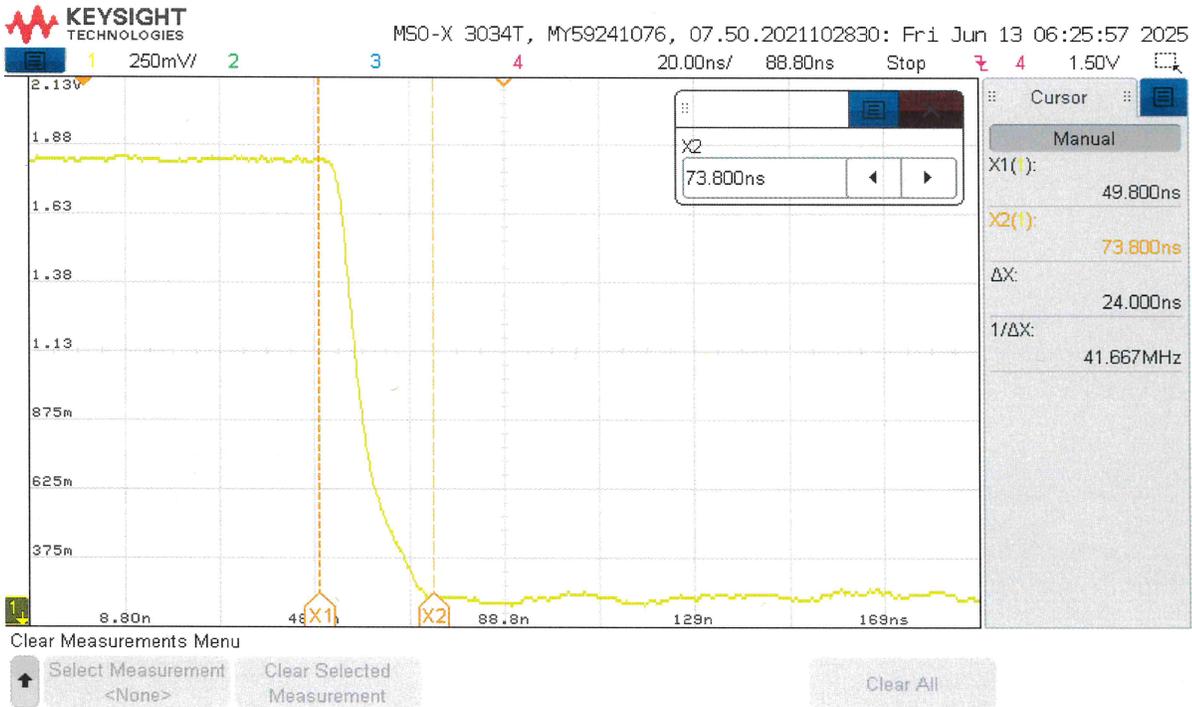
Fall Time = 13 ns





# SUMMARY TEST DATA ON SDLVA-1G20G-55-12-SFF

Recovery Time = 24 ns





# SUMMARY TEST DATA ON SDLVA-1G20G-55-12-SFF

TSS = -57.8 dBm

