SUMMARY TEST DATA
ON
SDLVA-2G18G-50MV-100-NRF

PL60854/2026

Customer: [redacted]

SO No: [redacted]

Model No: SDLVA-2G18G-50MV-100-NRF

Serial No: PL60854/2026

Tested By: RCombs

Temperature: +25° C

Date: 6/30/2026

Drawing No: 27623906 **Rev:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				QA QC
			65°C	25°C	-30°C	Pass/Fail	
1	Frequency lower	2GHz	2	2	2	PASS	PMI
	Frequency upper	18GHz	18	18	18	PASS	QA5
2	Frequency Flatness max	±2dB	1.01	1.19	1.48	PASS	
3	Input Return Loss 50Ω system	Manual plot		✔		PASS	
4	TSS:	-69 dBm Minimum	-73.1	-73.5	-75.0	PASS	
5	VSWR:	2.0:1 (Input)					
6	Power Input:	+17 dBm CW Maximum					
7	Logging range Top	5dBm	5	5	5	PASS	
	Logging range Bottom	-67dBm	-67	-67	-67	PASS	
8	Log slope Max	51.5 mV/dB	51.3	51.2	51.3	PASS	
	Log slope Min	48.5 mV/dB	49.3	49.4	49.6	PASS	
9	Min step slope	> 20 mV/dB	PASS	PASS	PASS	PASS	
10	Log Linearity max*	±1.35 dB (±1dB AMB)	0.98	0.79	1.15	PASS	
11	Output load	100Ω	✔	✔	✔		
12	Log Offset:	±100mV	0.016	-0.013	0.038	PASS	
13	Pulse Range:	30 ns to CW	✔	✔	✔	PASS	
14	Recovery Time:	60 ns Typical		✔		PASS	
15	Rise Time:	10 ns (6 ns Typical)		✔		PASS	
16	Fall Time:	40 ns Typical		✔		PASS	
17	DC Supply:	'+15V or +12V @ 350 mA	267	253	223	PASS	
		'-15V or -12V @ 180 mA	108	100	89	PASS	
18	Avg -67	200±100mV	0.163	0.167	0.181	PASS	PMI
	Avg +5	3800±100mV	3.740	3.789	3.813	PASS	QA5

*Log reference line calculated with TS average for each Frequency misurated

QA/QC Approval: [signature] **Date:** 7/31/26

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