



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

PL60858/2626

Customer: _____
SO No: _____
Model No: SDLVA-2G18G-50MV-100-NRF
Serial No: PL60858/2626

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 QAS
	Frequency upper	18GHz	18	18	18	PASS	
2	Frequency Flatness max	±2dB	1.40	1.29	1.46	PASS	
3	Input Return Loss 50Ω system	Manual plot		✓		PASS	
4	TSS:	-69 dBm Minimum	-74.4	-75.1	-78.2	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	50.8	51.2	51.3	PASS	
	Log slope Min	48.5 mV/dB	48.9	48.9	48.6	PASS	
9	Min step slope	> 20 mV/dB	PASS	PASS	PASS	PASS	
10	Log Linearity max*	±1.35 dB (±1dB AMB)	0.83	0.77	1.00	PASS	
11	Output load	100Ω	✓	✓	✓		
12	Log Offset:	±100mV	0.0	0.0	0.0	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	269	248	226	PASS	PMI QAS
		-15V or -12V @ 180 mA	106	100	88	PASS	
18	Avg -67	200±100mV	0.219	0.247	0.201	PASS	
	Avg +5	3800±100mV	3.758	3.833	3.798	PASS	

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

QA/QC Approval: *John R. Rye* Date: 7/31/26

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com