



Customer: _____
SO No: _____
Model No: SDLVA-2G18G-50MV-100-NRF
Serial No: PL60851/2626

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				QA QC PMI QAS
			65°C	25°C	-30°C	Pass/Fail	
1	Frequency lower	2GHz	2	2	2	PASS	
	Frequency upper	18GHz	18	18	18	PASS	
2	Frequency Flatness max	±2dB	1.06	1.59	1.33	PASS	
3	Input Return Loss 50Ω system	Manual plot		✓		PASS	
4	TSS:	-69 dBm Minimum	-71.5	-71.3	-73.8	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	50.9	51.2	PASS	
	Log slope Min	48.5 mV/dB	49.2	49.3	48.6	PASS	
9	Min step slope	> 20 mV/dB	PASS	PASS	PASS	PASS	
10	Log Linearity max*	±1.35 dB (±1dB AMB)	0.89	0.81	1.26	PASS	
11	Output load	100Ω	✓	✓	✓		
12	Log Offset:	±100mV	0.038	0.026	-0.007	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	264	227	PASS	
		-15V or -12V @ 180 mA	106	92	88	PASS	
18	Avg -67	200±100mV	0.188	0.235	0.221	PASS	
	Avg +5	3800±100mV	3.781	3.867	3.858	PASS	

7/31/26

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