



**SUMMARY TEST DATA
ON
SDLVA-100M3G-70-MAH**

Customer: _____	Tested By: <u>P. Kuhn</u>
SO No: <u>SO12-211</u>	Temperature: <u>+25°C</u>
Model No: <u>SDLVA-100M3G-70-MAH</u>	Date: <u>7/30/2013</u>
Serial No: <u>PL13612/1333</u>	Drawing No: <u>27617549</u>

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	0.1GHz-3GHz	0.1GHz-3GHz	
2	Frequency Flatness	±2.0 dB Max.	± 1.4 dB	
3	TSS	-68 dBm Min., -70 dBm Typ.	-68 dBm	
4	Limited Output Power	+6.5 dBm ± 3.0 dB Max.	4.85 dBm	
5	Linear Output Gain	38dB ± 3.0 dB Max.	40 dB	
6	Linear Output Psat	6 dBm ± 3.0 dB Max.	5.97 dBm	
7	VSWR	2.0:1 Max.	1.28 :1	
8	V0 (Video Comparator Signal Amplitude)	3.3V Typ.	3.5 V	
9	Video Comparator Delay	50 ns Typ.	25 ns	
10	Video Comparator Threshold Level	-64 dBm ± 3.0 dB Max.	-63 dBm	
11	V1 (Log Video Signal Amplitude)	1 Volt Max.	0.8V	
12	Log Slope	10mV/dB into a 50Ω load (±1mV) Max.	9.8mV/dB	
13	Log Range	-65 to +5 dBm Min.	- 65 to 5 dBm	



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TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
14	Log Linearity	±1.50dB (-40°C to +85°C) Max.	±1.40 dB	
15	Pulse Range	100ns to CW	100ns to CW	
16	Rise Time	35ns Typ..	26.5 ns	
17	Settling time to ±1dB	50ns Typ.	45 ns	
18	Recovery Time	200ns Max. (150ns Typ.)	200 ns	
19	SPST Isolation	70dB Typ.	70 dB	
20	SPST Switch Speed	20ns Typ.	20 ns	
21	Power Supply	±12 VDC to ±15VDC	4.5 W @ ±15VDC	

QA/QC Approval: _____ Date: _____