



**SUMMARY TEST DATA
ON
SDLVA-1G20G-58-12-SFF**

Customer : _____
 Job No : _____
 Model No : SDLVA-1G20G-58-12-SFF
 Serial No : PL7361

Tested By : D. DURBIN
 Temperature : +25°C
 Date : 4/30/10

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Frequency Range:	1 – 20 GHz	1 – 20 GHz	
2	Frequency Flatness:	±2.0 dB Typ.	See Plot	
3	Log Linearity:	±1.0 dB Typ.	See Plot	
4	Log Linearity Over Temp:	±1.0 dB Typ. (@ -55°C to +85°C)	By Design	
5	Logging Range:	-54 to +5 dBm	See Plot	
6	Log Video Output Voltage:	0.9 V to 1.5 V	See Plot	
7	Log Video Output Slope:	14 mV / dB Typ.	See Plot	
8	Log Video Output Rise Time:	5 nS Typ. (Pin = -20 dBm @ 10% to 90%)	See Typical Characteristics	
9	Log Video Output Fall Time:	20 nS Typ. (Pin = -20 dBm @ 90% to 10%)	See Typical Characteristics	
10	Log Video Recovery Time:	28 nS Typ. (Pin = -50 dBm to 0 dBm)	See Typical Characteristics	
11	Log Video Propagation Delay:	15 nS Typ.	See Typical Characteristics	
12	Power Supply:	85 mA @ +12V Typ.	102 mA	

Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____