

SUMMARY TEST DATA

ON

SDLVA-250M6G-CD-1-12V

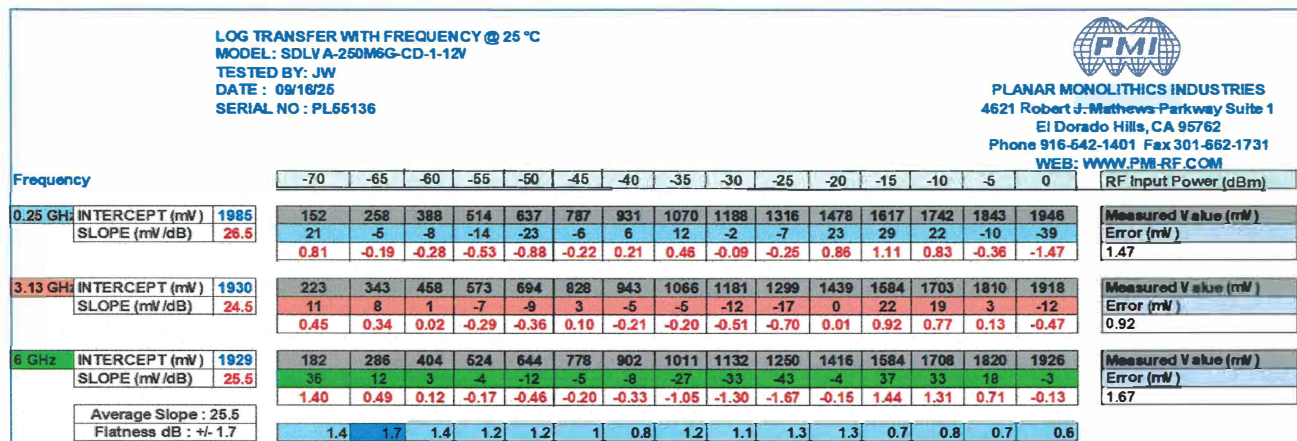
CUSTOMER: _____
SO: _____
MODEL NO: SDLVA-250M6G-CD-1-12V
SERIAL NO: PL55136/2538

TESTED BY: JW
TEMPERATURE: +25°C
DATE: 9/17/2025
DRAWING NO: 27636101 REV: A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	250 MHz TO 6 GHz	250 MHz TO 6 GHz	
2	Pulse Range	30 ns to CW	30 ns to CW	
3	Input Power	+17 dBm CW Max	+17 dBm CW Max	
4	Flatness	± 2.0 dB Max	± 1.7 dB	
5	Log Linearity	± 2.5 dB Max	± 1.67 dB	
6	Log Range	-70 to 0 dBm	-70 to 0 dBm	
7	Log Slope	25mV/dB Typ. (±5%) 50 Ω Load	25.5mV/dB (See Plot)	
8	VSWR	2.0:1 Max	1.95 :1	
9	RF Gain	55 dB Typ.	54.5 dB	
10	RF Limiting	>+5 dBm for -45 to 0 dBm Input Power	>+5.73 dBm (See Plot)	
11	Rise Time	10 ns Max	10ns	
12	Recovery Time	60 ns Max	18ns	
13	TSS	-73 dBm Typ	-73 dBm (See Plot)	
14	DC Supply	+12VDC @ 350 mA -12VDC @ 180 mA	257mA 96mA	

QA/QC Approval: K. H. [Signature]

Date: 9.17.25



7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 FAX: (301)662-1731

Email: sales@quanticpmi.com

