



**SUMMARY TEST DATA
ON
PLVA-218-50-618**

PL40644/2320

Customer: _____ Tested By: J. Emperor
 SO No: _____ Temperature: +25°C
 Model No: PLVA-218-50-618 Date: 05/18/23
 Serial No: PL40644/2320 Drawing No: 27618591 Rev: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC PAS PMI
1	Frequency Range:	6 GHz – 18 GHz	6 GHz – 18 GHz	
2	Frequency Flatness:	± 1.0 dB Max.	± 0.7 dB	
3	Logging Range:	-40 to 0 dBm Min.	-40 to 0 dBm	
4	Useful Range:	-40 to + 5 dBm	-40 to +5 dBm	
5	Log Linearity Error:	± 1.0 dB Max (Room Temp)	- 0.43 dB	
6	Log Slope: (Log Slope Accuracy)	50mV/dB (±4% of Average Slope)	Pass (See Plot)	
7	Temperature Stability:	± 1.0 dB Max (-54°C to 85°C)	+ 0.93 dB	
8	Rise Time:	20 ns Max.	See Typical Characteristics	
9	Settling:	45 ns Max.	See Typical Characteristics	
10	Recovery Time:	150 ns Typ. 300 ns Max.	See Typical Characteristics	
11	TSS:	-40 dBm Min.	- 41 dBm	
12	VSWR:	3.0:1 Max	2.75:1 (See Plot)	
13	Max RF Input:	+ 15 dBm	+ 15 dBm	
14	Video Output Level:	0 – 2.5 Volts (50Ω Minimum Load)	0 – 2.173 V	
15	DC Supply:	+15V @ 75 mA Max -15V @ 75 mA Max	50 mA 50 mA	

* Please Refer To Excel Test Data Template 2 (ATTACHED)

QA/QC Approval: K. [Signature]

Date: 5-22-23

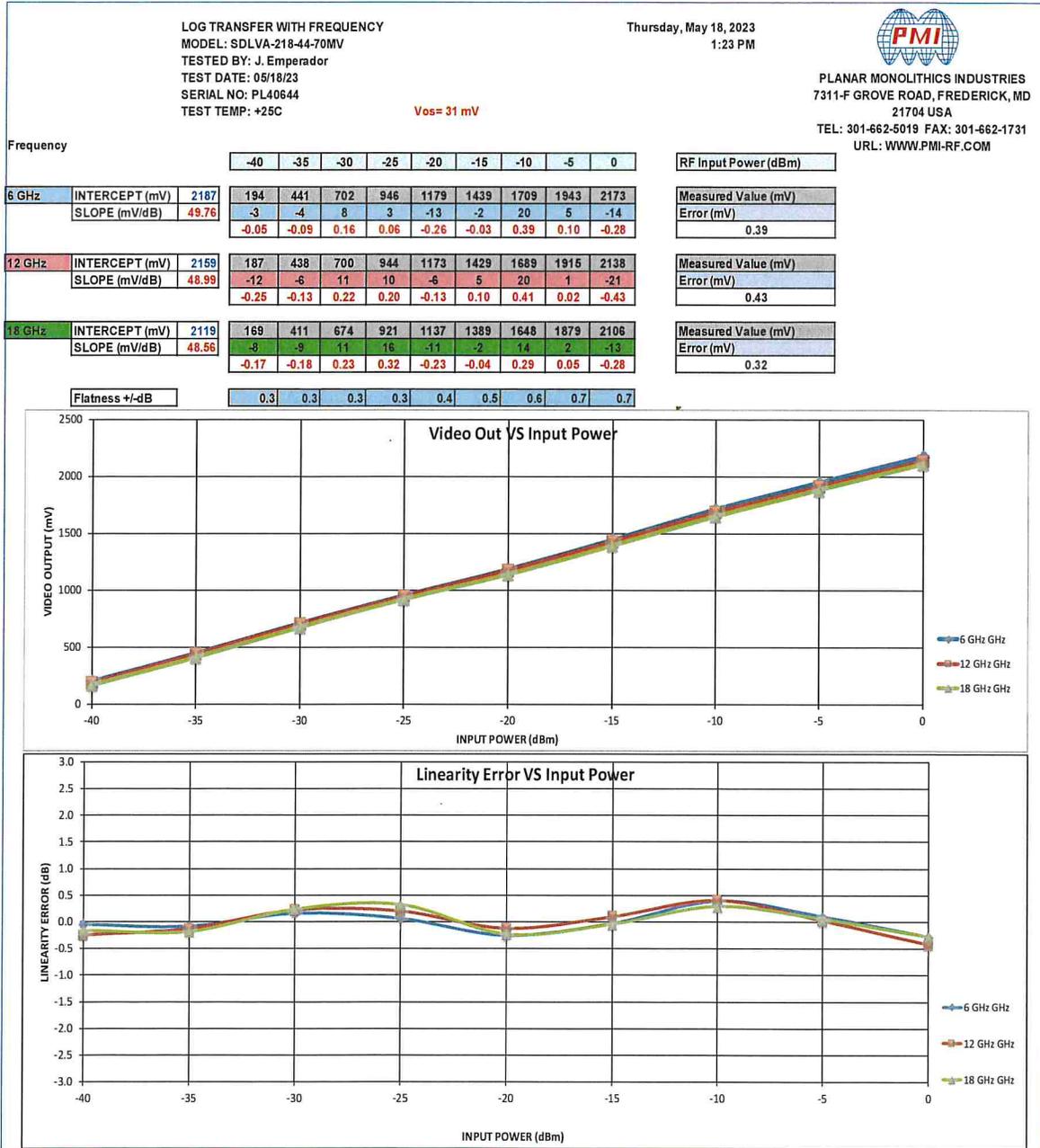
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SUMMARY TEST DATA ON PLVA-218-50-618

PL40644/2320

Log Transfer vs. Frequency @ +25°C





**SUMMARY TEST DATA
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PL40644/2320

Return Loss @ -20 dBm

Model Number: PLVA-218-50-618
Serial Number: PL40644
Date: 5/18/2023

Temperature: +25C

