



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

PL40643/2320

Customer: _____	Tested By: <u>J. Emperador</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PLVA-218-50-618</u>	Date: <u>05/18/23</u>
Serial No: <u>PL40643/2320</u>	Drawing No: <u>27618591</u> Rev: <u>B1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
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:  Date: 5-22-23

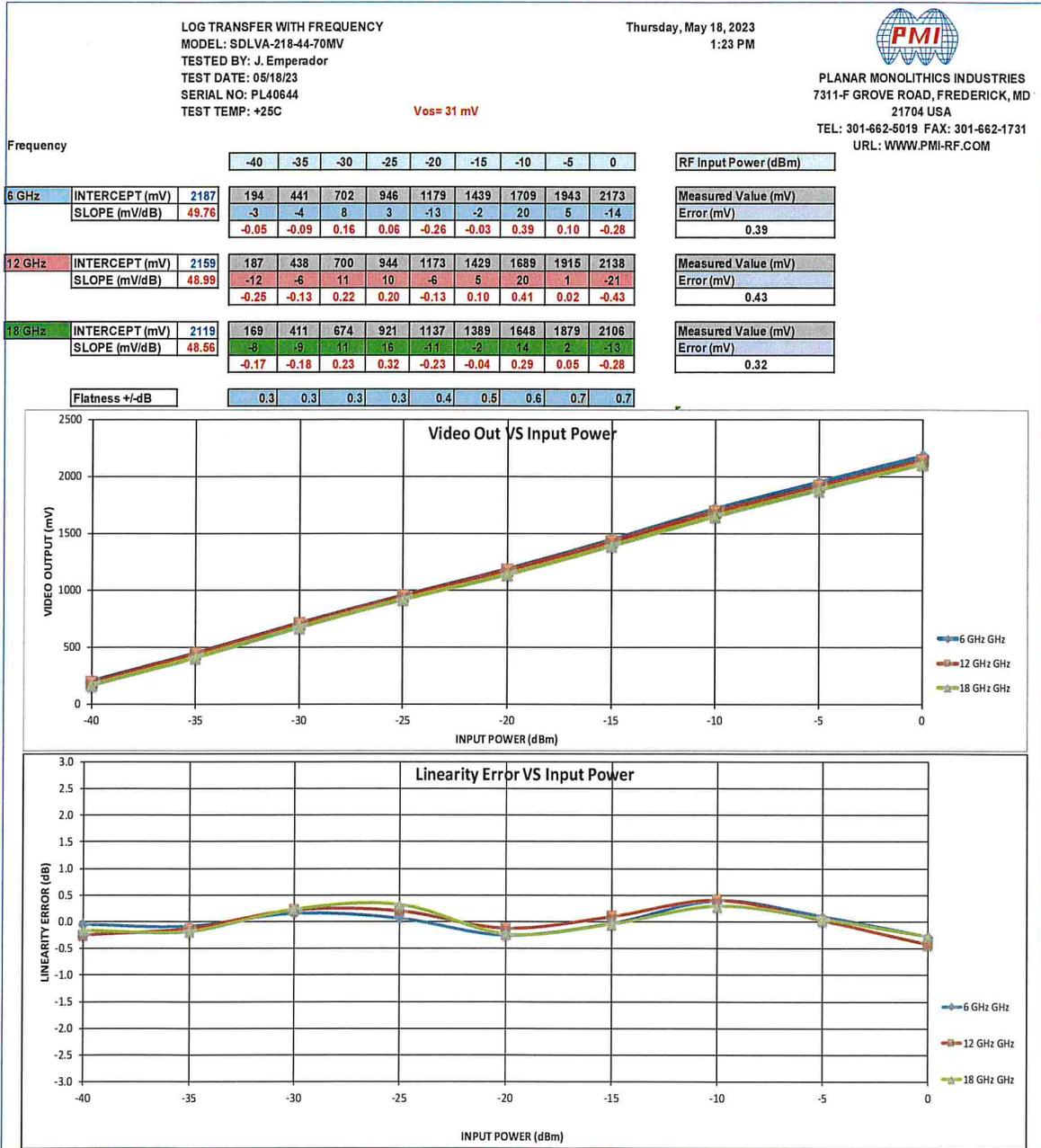
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## SUMMARY TEST DATA ON PLVA-218-50-618

PL40643/2320

### Log Transfer vs. Frequency @ +25°C





**SUMMARY TEST DATA  
ON  
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**Return Loss @ -20 dBm**

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

Temperature: +25C

