

**SUMMARY TEST DATA
ON
PLNA-9-1G2G-20-SMF**

RECERTIFIED

[Handwritten Signatures]
5/14/2025

Customer: _____
SO No: _____
Model No: PLNA-9-1G2G-20-SMF
Serial No: PL50168/2446

Tested By: K. Mansfield
Temperature: +25C
Date: 11/13/2024
Drawing No: 27646240 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1.0 to 2.0 GHz	1.0 to 2.0 GHz	PMI QA2
2	Gain:	9 dB Min	10.05 dB See Graph	
3	Gain Flatness	± 1.0 dB Typ	0.2 dB See Graph	
4	Noise Figure	4.5 dB Max	3.89 dB See Graph	
5	IP1dB	+12 dBm MIN @ -1V Limiter Bias	+15 dB See Plot	
6	Input Power	2 Watts CW 60dBm Peak 0.1%DC, 1µs PW Max.	Pass 2 Watts CW See Typical Characteristics	
7	VSWR: (Input/Output)	2.0:1 Max.	1.61 :1 See Graph	
8	DC Power Supply	+6V @ 200 mA Max	+6V @ 177 mA	

**No Internal Voltage Regulation or Reverse Protection

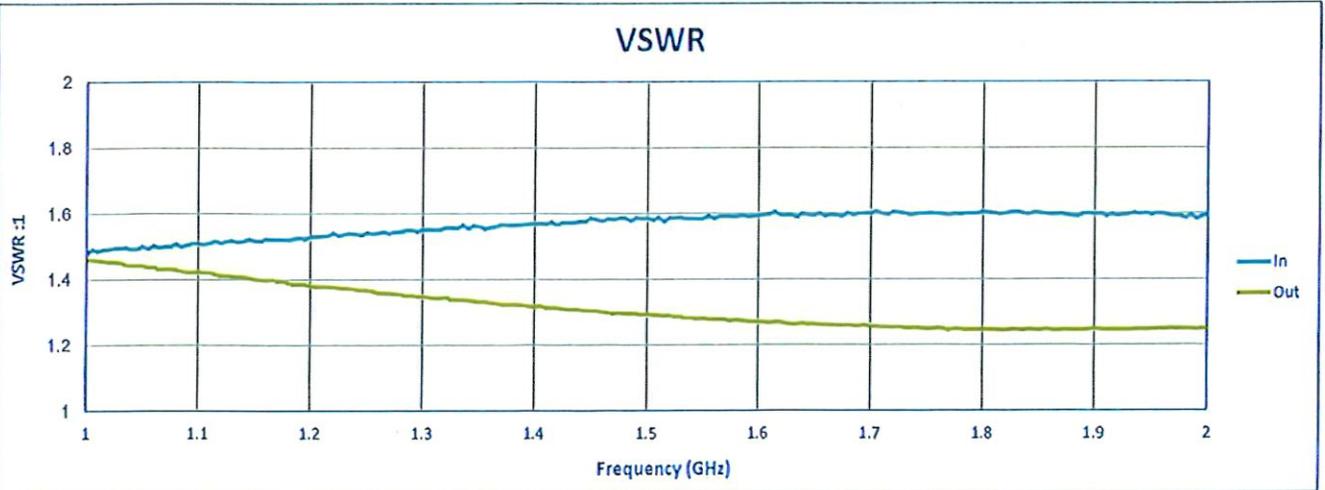
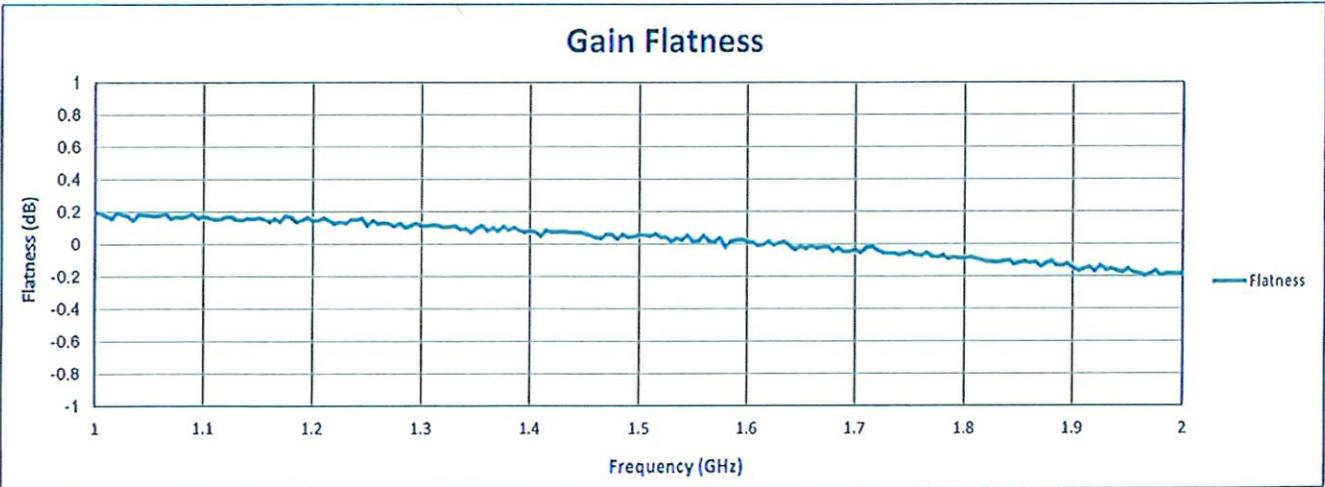
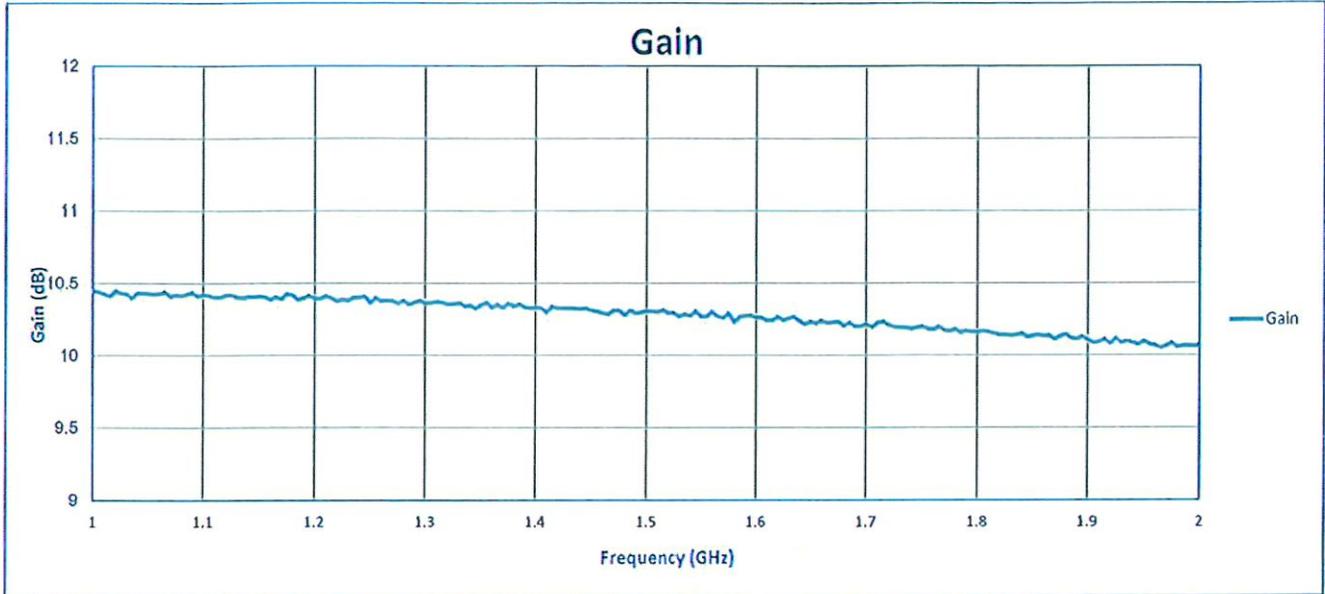
Limiter Bias	0 to -10VDC	Pass 0 to -10VDC	
Current	1 mA Max	No Current	

QA/QC Approval: *[Handwritten Signatures]*

PMI
QA2

Date: 12/12/2024

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