Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON APD-4-20M6G-28V

Customer:
SO No:
Model No: APD-4-20M6G-28V
Serial No: PL47496/2432

Tested By: K. Wagaman
Temperature: +25°C
Date: 8/6/2024
Drawing No: 27624827 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	20 MHz to 6 GHz	20 MHz to 6 GHz	PMI QA4
2	Gain:	3.5 dB ±2 dB Max.	3.38 dB (J1) ±1.16 dB 3.38 dB (J2) ±1.16 dB 3.34 dB (J3) ±1.15 dB 3.32 dB (J4) ±1.16 dB (See Graph)	
3	VSWR:	2.5:1 Max.	1.4:1 (J1) 1.5:1 (J2) 1.5:1 (J3) 1.4:1 (J4) 2.2:1 (J5) (See Graph)	
4	Noise Figure:	5.5 dB (70 to 3000 MHz) Max. 6 dB (20 to 6000 MHz) Typ.	Pass (See Typical Characteristics)	
5	Out Power P1dB:	10 dBm (20 to 2000 MHz) Typ. 9 dBm (3.0 to 6.0 GHz) Typ.	Pass (See Typical Characteristics)	
6	Input Power:	33 dBm Max. (Survival)	Pass (See Typical Characteristics)	
7	Power Supply:	+28V @ +200 mA Max.	85 mA	PMI QA4

QA/QC Approval: Cameron Kelly

Date: 8/9/24

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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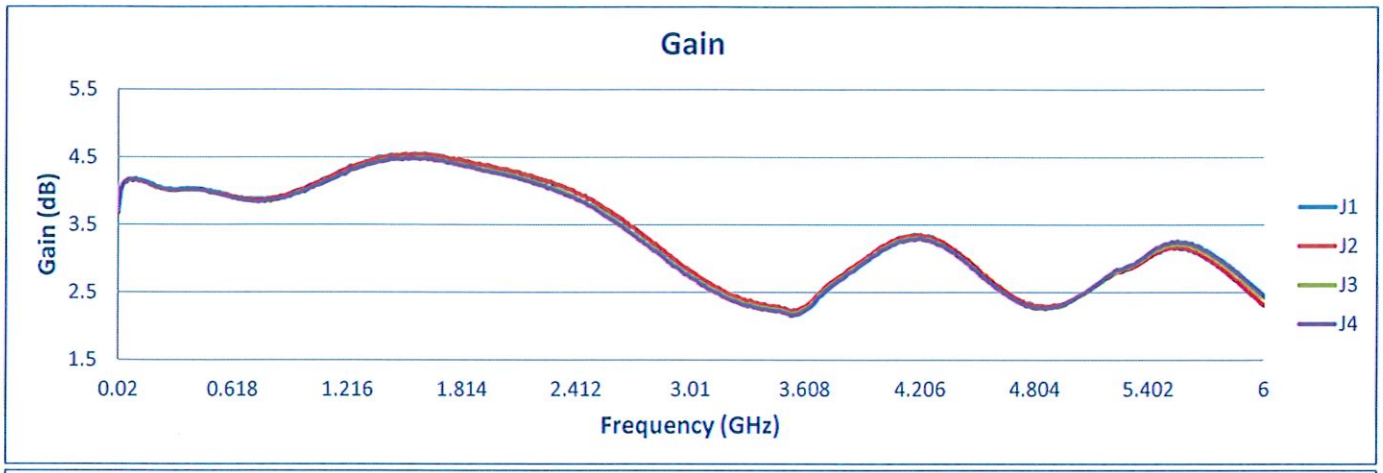

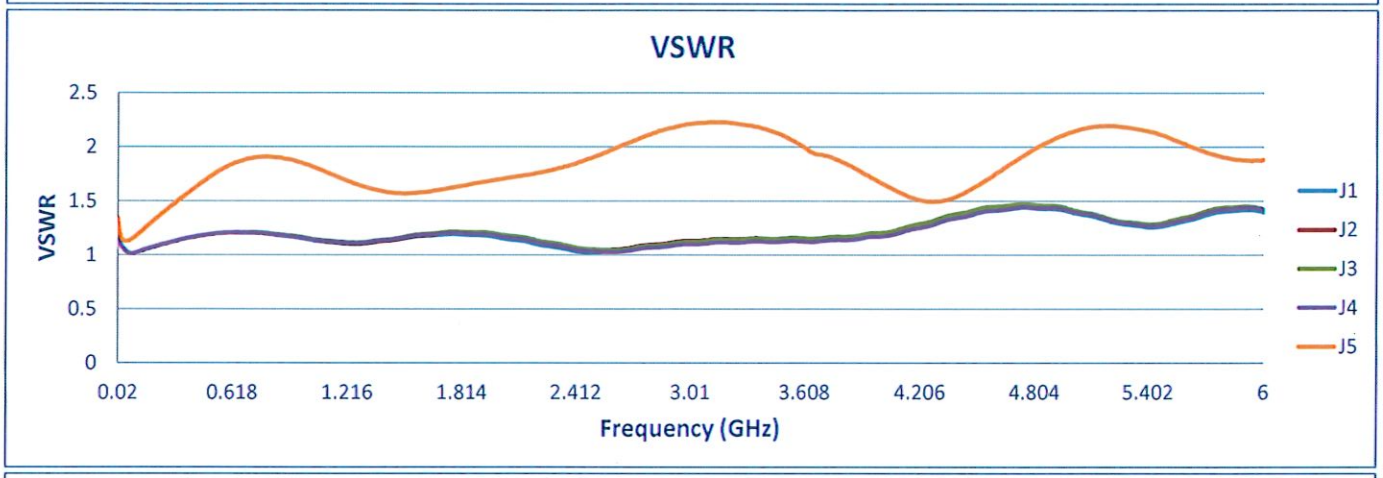

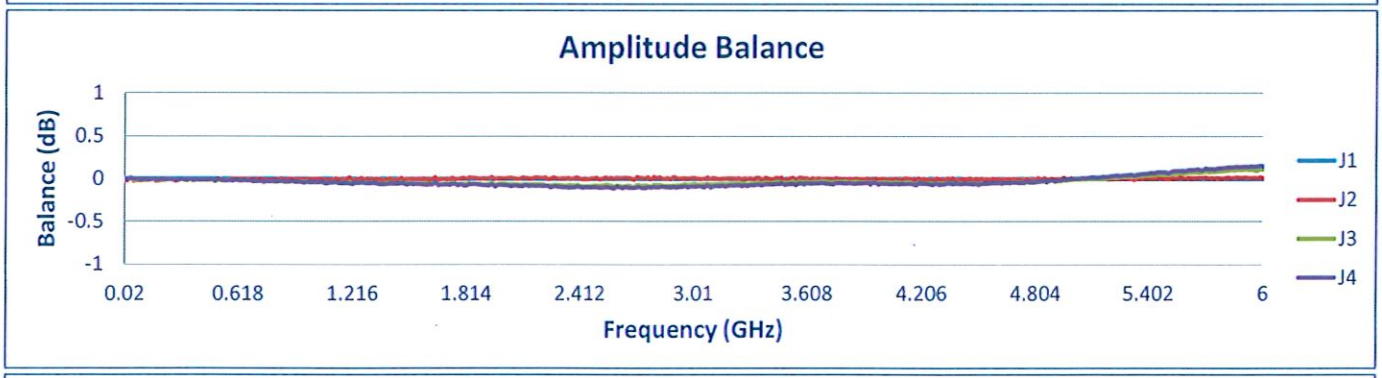

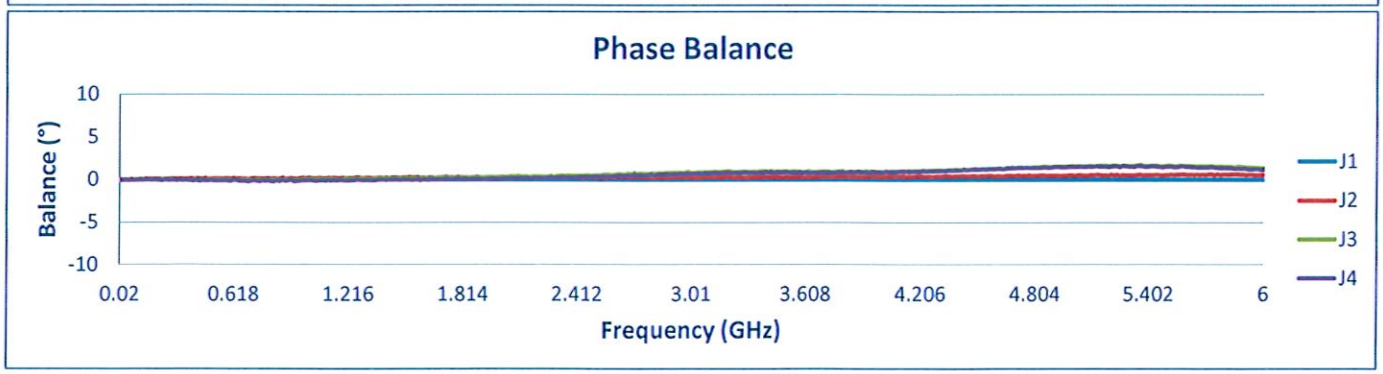

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