

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

Customer: PMI

Tested By: K. Wagaman

SO No:

Temperature: +25°C

Model No: APD-4-20M6G-28V

Date: 12/5/2024

Serial No: PL50437/2449

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 QA2
2	Gain:	3.5 dB $\pm$ 2 dB Max.	3.42 dB (J1) $\pm$ 1.06 dB 3.39 dB (J2) $\pm$ 1.05 dB 3.34 dB (J3) $\pm$ 1.07 dB 3.34 dB (J4) $\pm$ 1.08 dB (See Graph)	
3	VSWR:	2.5:1 Max.	1.4:1 (J1) 1.4:1 (J2) 1.4:1 (J3) 1.4:1 (J4) 2.3:1 (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 QA2

QA/QC Approval:

PMI
QA2

Date: 12/6/2024

