



## SUMMARY TEST DATA ON APD-2-100M18G-CD-1

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: APD-2-100M18G-CD-1  
 Serial No: PL49633/2442

Tested By: K. Wagaman  
 Temperature: +25 C  
 Date: 10/16/2024  
 Drawing No: 27610310 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.1 GHz – 18 GHz	0.1 GHz – 18 GHz	PMI QA
2	Insertion Loss	0.1 to 8.0 GHz, 1.85 dB Typical 8.0 to 18 GHz, 3.5 dB Typical (ABOVE 3.01DB SPLIT)	0.1 to 8.0 GHz, 2.01 dB 8.0 to 18 GHz, 3.52 dB (See Plot)	
3	Isolation	0.1 to 0.5 GHz, 6 dB Typical 0.5 to 8.0 GHz, 16.5 dB Typical 8.0 to 18 GHz, 21.0 dB Typical	0.1 to 0.5 GHz, 5.22 dB 0.5 to 8.0 GHz, 15.97 dB 8.0 to 18 GHz, 20.09 dB (See Plot)	
4	VSWR	0.1 to 0.5 GHz, 2.0:1 Typical 0.5 to 8.0 GHz, 1.5:1 Typical 8.0 to 18 GHz, 1.6:1 Typical	INPUT: 0.1 to 0.5 GHz, 1.88:1 0.5 to 8.0 GHz, 1.56:1 8.0 to 18 GHz, 1.44:1 OUTPUT: 0.1 to 0.5 GHz, 1.61:1 0.5 to 8.0 GHz, 1.4:1 8.0 to 18 GHz, 1.44:1 (See Plot)	
5	Amplitude Balance	0.1 to 8.0 GHz, ±0.2 dB Typical 8.0 to 18 GHz, ±0.45 dB Typical	0.1 to 8.0 GHz, ±0.07 dB 8.0 to 18 GHz, ±0.1 dB (See Plot)	
6	Phase Balance	0.1 to 8.0 GHz, ±4° Typical 8.0 to 18 GHz, ±5° Typical	0.1 to 8.0 GHz, ±1.05° 8.0 to 18 GHz, ±2.25° (See Plot)	PMI QA4

Note: Amplitude and phase balance are relative to J2 Port.

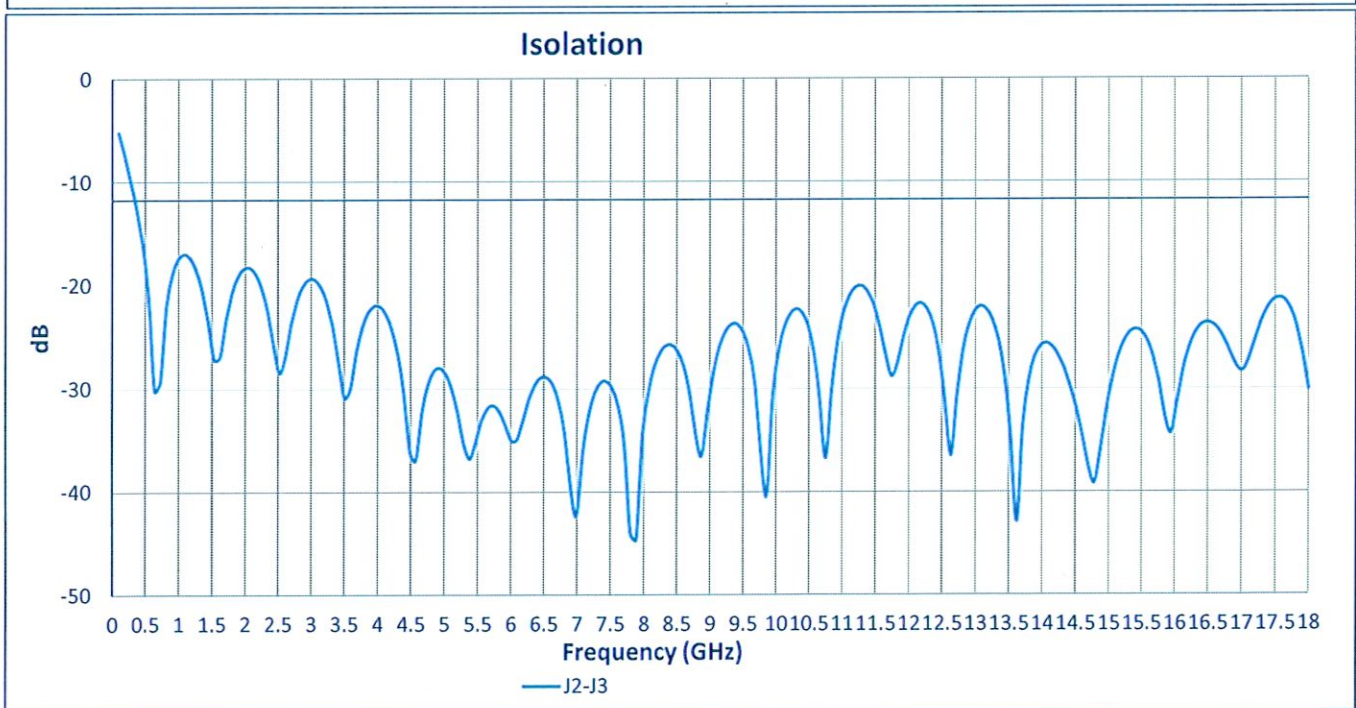
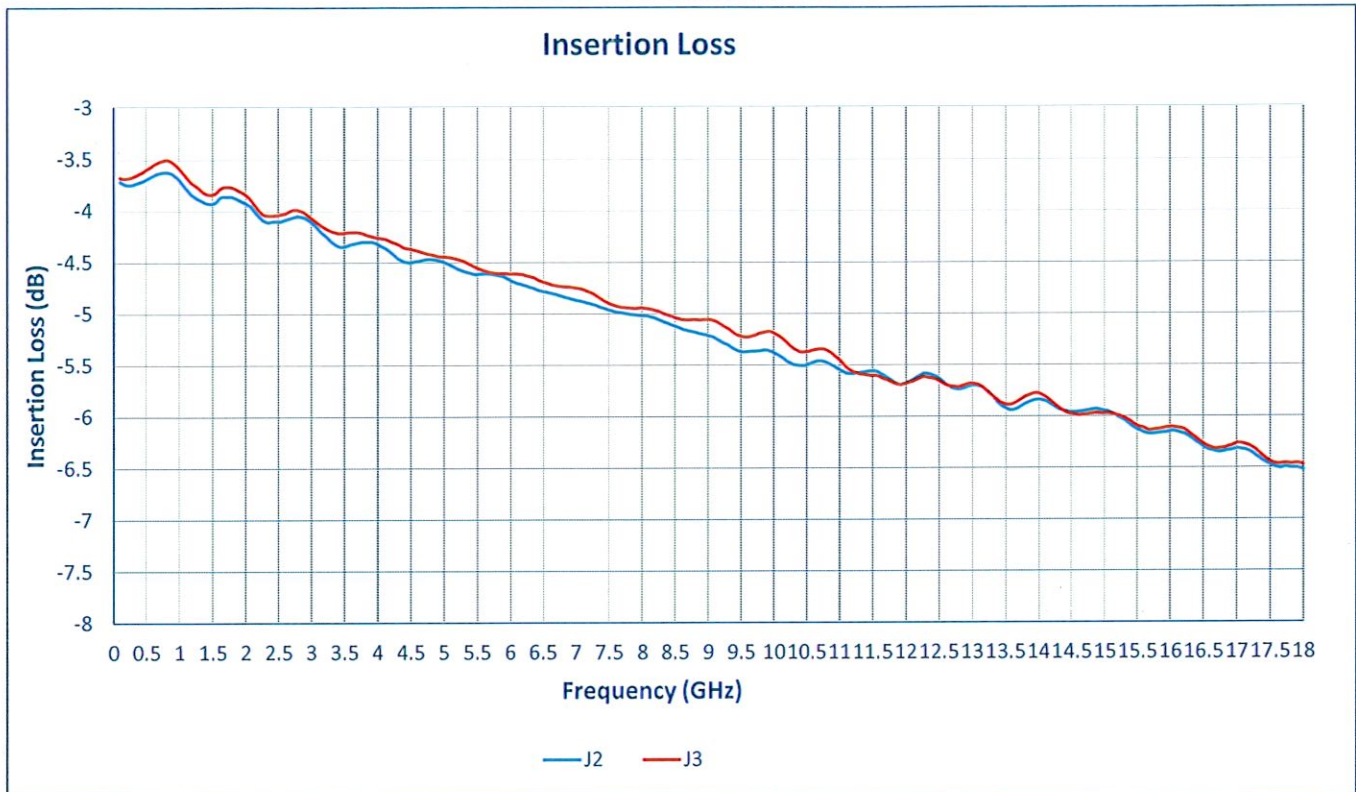
QA/QC Approval: *Cameron Kelly*

Date: 10/17/24

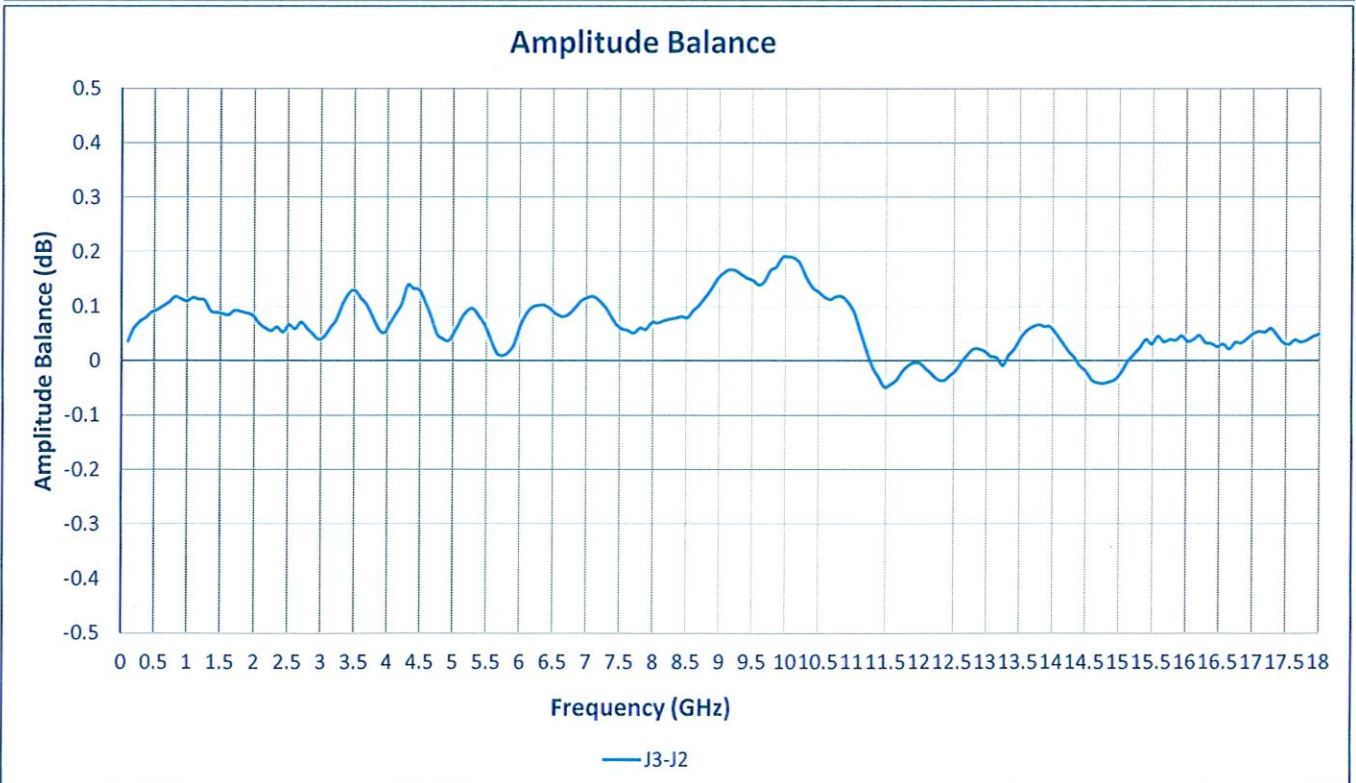
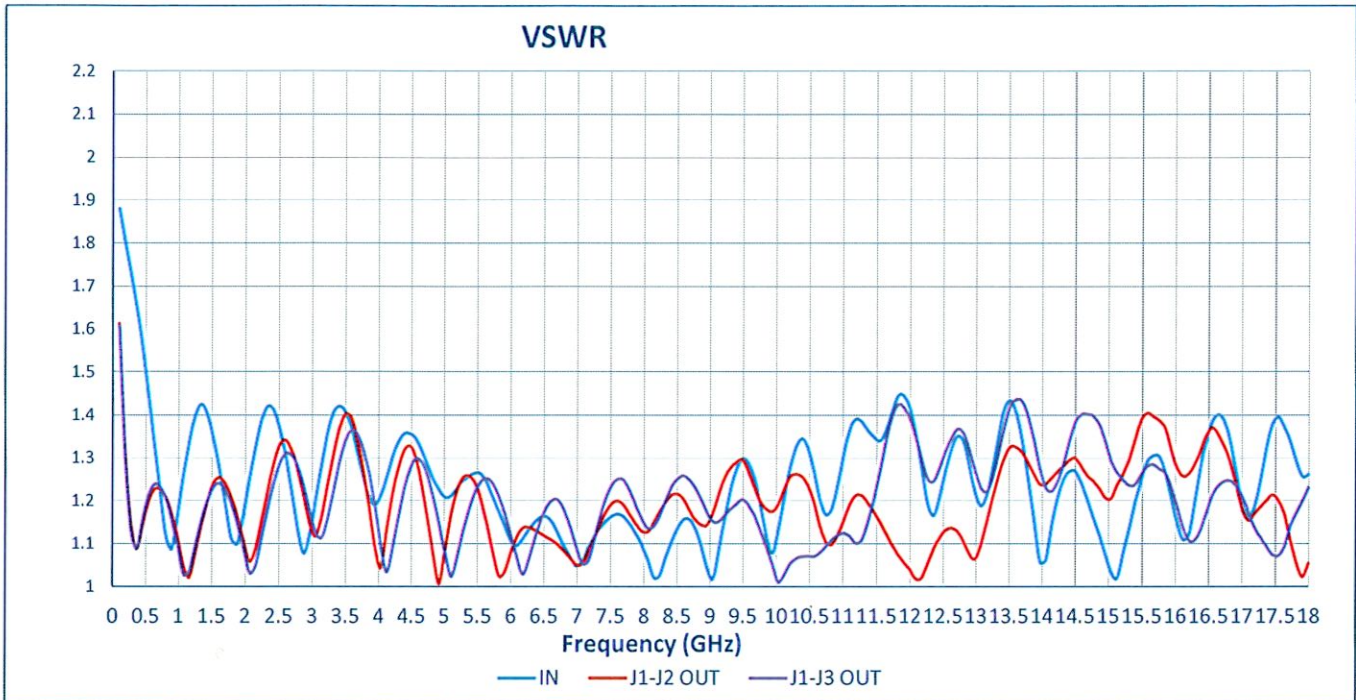
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: sales@pmi-rf.com



# SUMMARY TEST DATA ON APD-2-100M18G-CD-1



**SUMMARY TEST DATA  
ON  
APD-2-100M18G-CD-1**



**SUMMARY TEST DATA  
ON  
APD-2-100M18G-CD-1**

