

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

Customer: _____
 SO No: _____
 Model No: APD-2-100M18G-CD-1
 Serial No: PL49635/2442

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

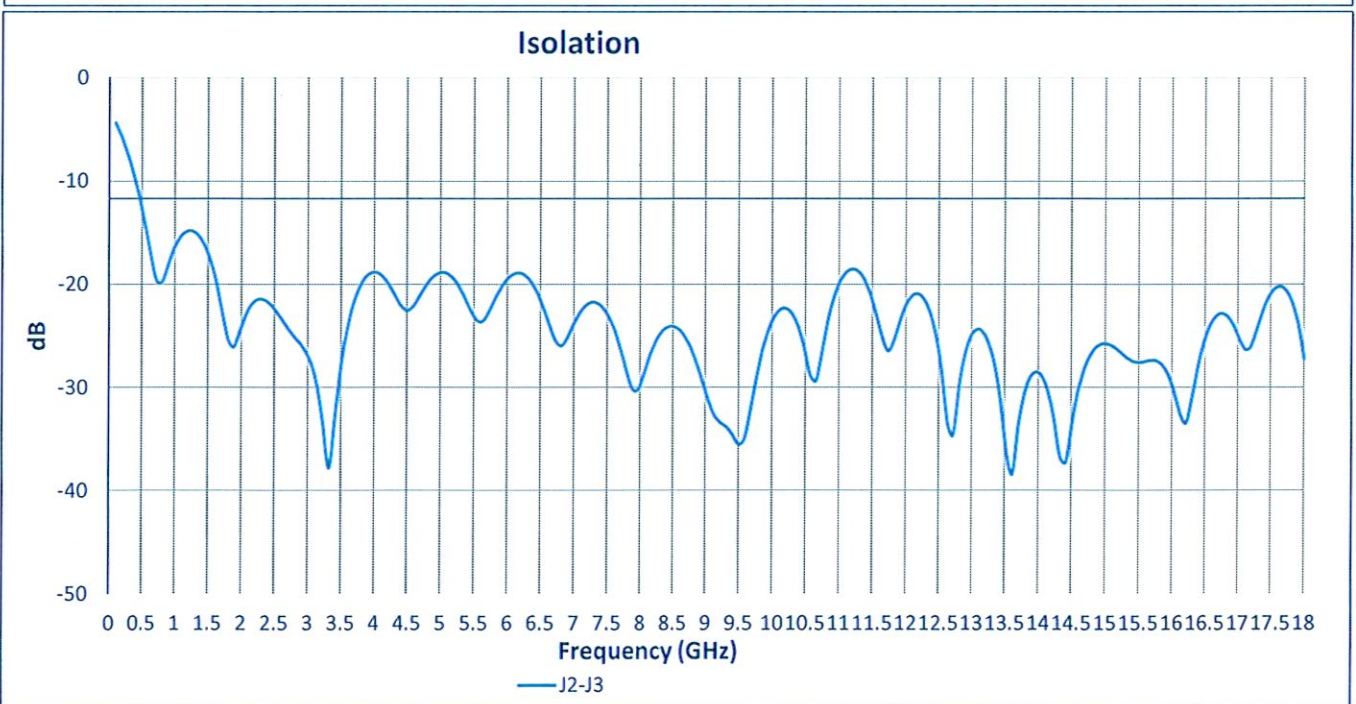
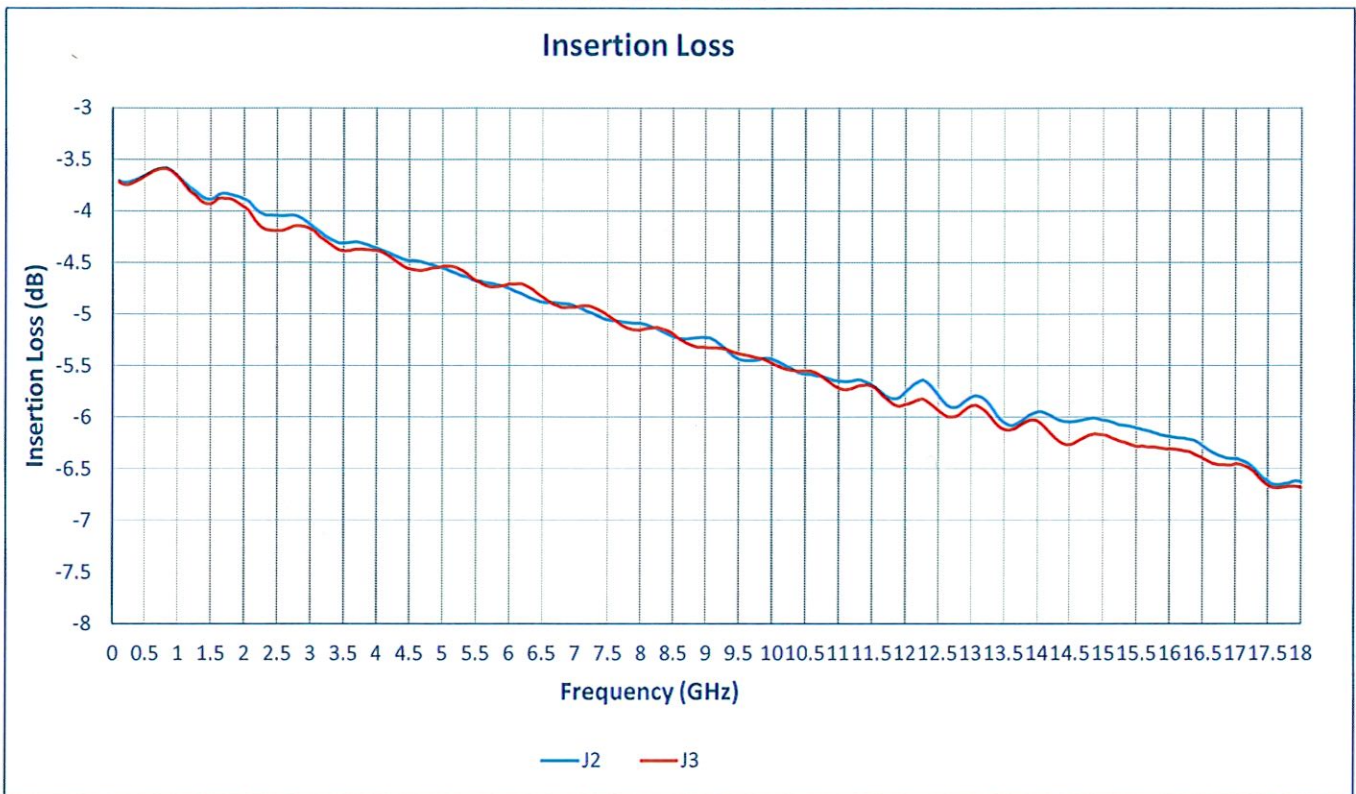
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.1 GHz – 18 GHz	0.1 GHz – 18 GHz	PMI QA4
2	Insertion Loss	0.1 to 8.0 GHz, 1.85 dB Typical 8.0 to 18 GHz, 3.5 dB Typical (ABOVE 3.01DB SPLIT)	0.1 to 8.0 GHz, 2.09 dB 8.0 to 18 GHz, 3.64 dB (See Plot)	
3	Isolation	0.1 to 0.5 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, 4.43 dB 0.5 to 8.0 GHz, 11.5 dB 8.0 to 18 GHz, 18.53 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, 1.55:1 8.0 to 18 GHz, 1.51:1 OUTPUT: 0.1 to 0.5 GHz, 1.74:1 0.5 to 8.0 GHz, 1.6:1 8.0 to 18 GHz, 1.58:1 (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, ±0.08 dB 8.0 to 18 GHz, ±0.11 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, ±0.78° 8.0 to 18 GHz, ±1.8° (See Plot)	PMI QA4

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

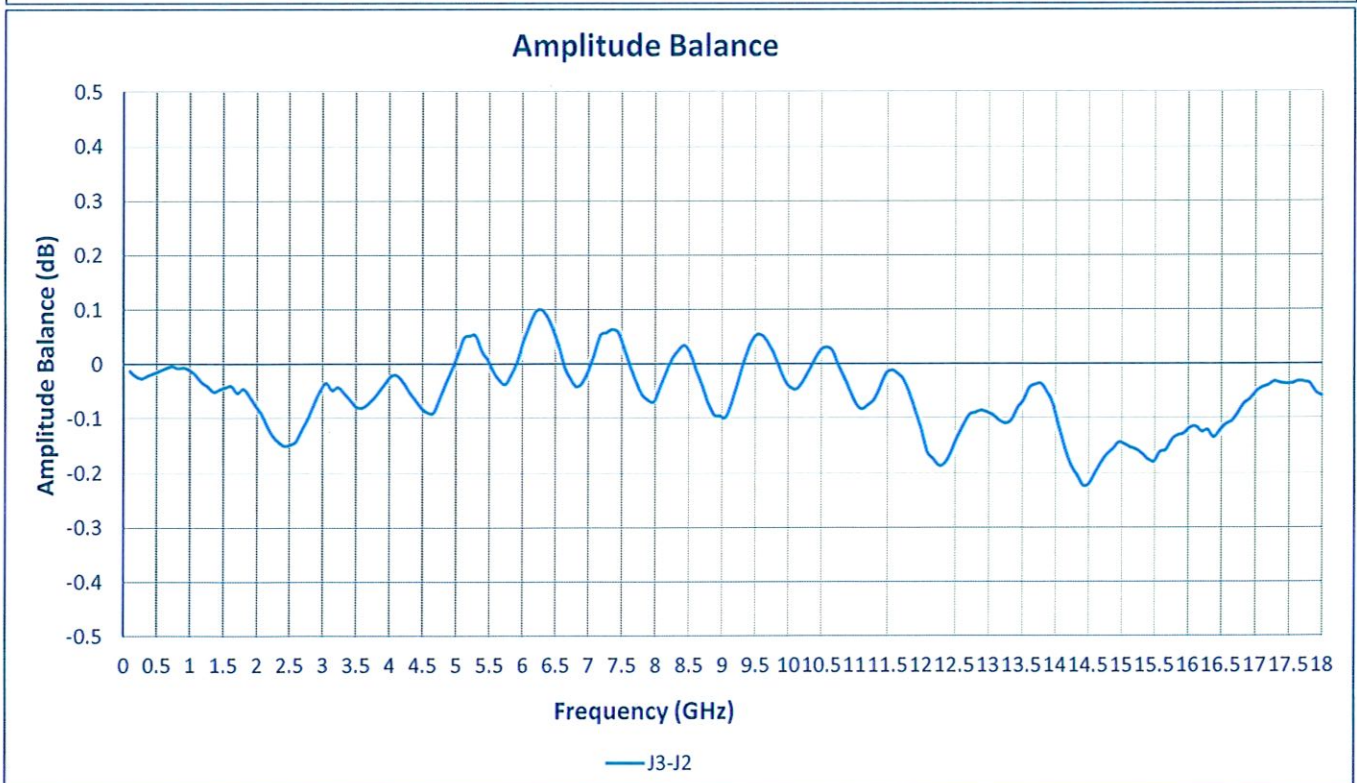
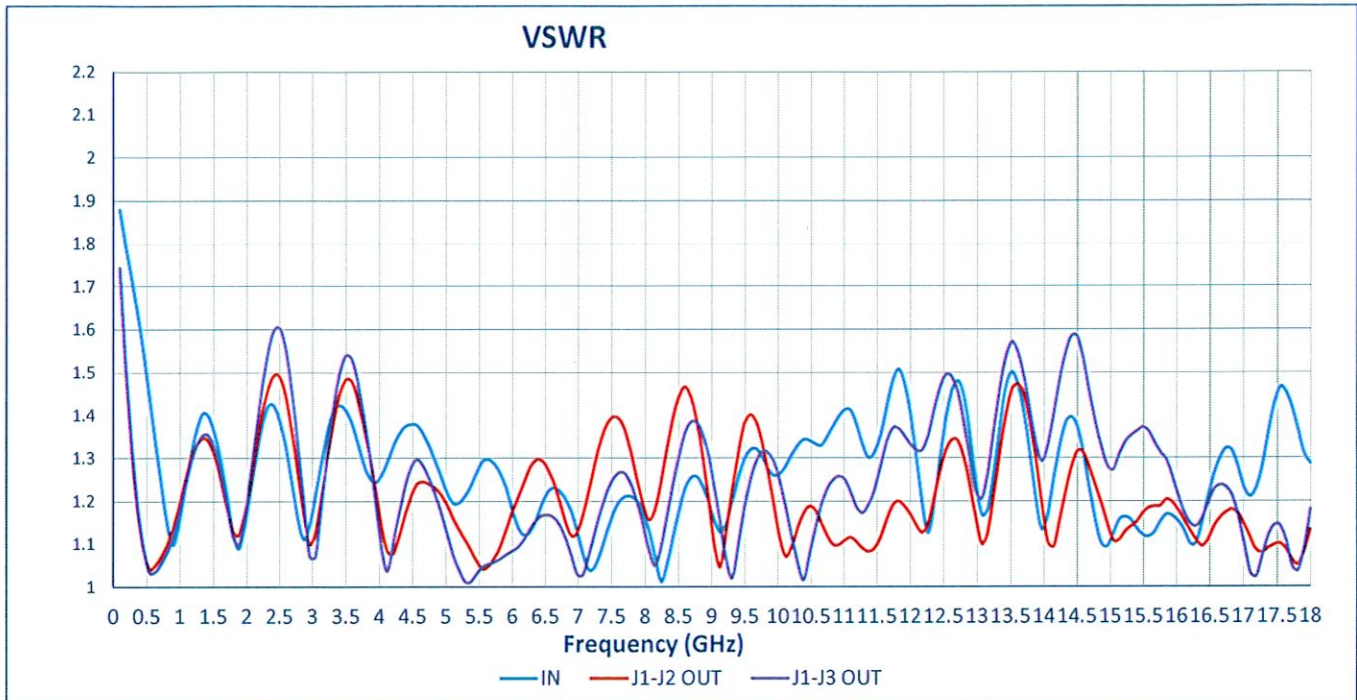
QA/QC Approval: *Cameron Kelly*

Date: 10/17/24

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