



SUMMARY TEST DATA ON APD-2-0D5G18G-30W-SFF-X4

Customer: v
SO No: _____
Model NO: APD-2-0D5G18G-30W-SFF-X4
Serial Set (4): PL58499-A/2611 PL58499-B/2611
PL58499-C/2611 PL58499-D/2611

Tested By: Oliver K.
Temperature: 25°C
Date: 3/10/2026
Drawing No: 27646160 Rev: A1

Test Item No.	Parameters	Specified Value	Test Results Unit A	Test Results Unit B	Test Results Unit C	Test Results Unit D	QA/QC
1	Frequency Range:	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	PMI QA5 FMI QA5
2	Insertion Loss:	1.5 dB MAX (Above 3.01 dB split)	0.88 dB (See Plot)	0.87 dB (See Plot)	0.84 dB (See Plot)	0.86 dB (See Plot)	
3	VSWR:	1.4:1 MAX (ALL PORTS)	1.29:1 (See Plot)	1.26:1 (See Plot)	1.26:1 (See Plot)	1.26:1 (See Plot)	
4	Isolation:	18 dB MIN	-19.35 dB (See Plot)	-19.35 dB (See Plot)	-19.39 dB (See Plot)	-18.49 dB (See Plot)	
5	Amplitude Balance:	±0.3 dB MAX	0.12 dB -0.12 dB (See Plot)	0.09 dB -0.09 dB (See Plot)	0.06 dB -0.06 dB (See Plot)	0.04 dB -0.04 dB (See Plot)	
6	Phase Balance:	±3° MAX	0.6 dB -0.6 dB (See Plot)	0.63 dB -0.63 dB (See Plot)	0.89 dB -0.89 dB (See Plot)	0.55 dB -0.55 dB (See Plot)	
7	Amplitude Tracking ¹ :	±0.3 dB	0.11 dB -0.11 dB (See Plot)				
8	Phase Tracking ¹ :	±5° MAX	2.67 dB -2.67 dB (See Plot)				

¹Phase and Amplitude Tracking: Same batch, only test port 1, then compare with the port 1 of the reference power divider (benchmark).
* FOR ALL OTHER SPECIFICATIONS, SEE TYPICAL CHARACTERISTICS ON THE PMI WEBSITE

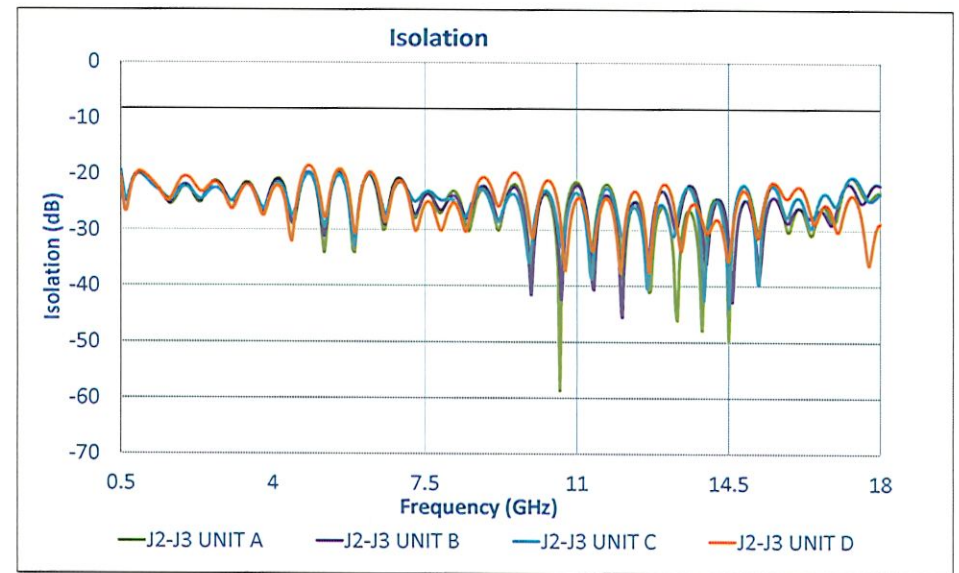
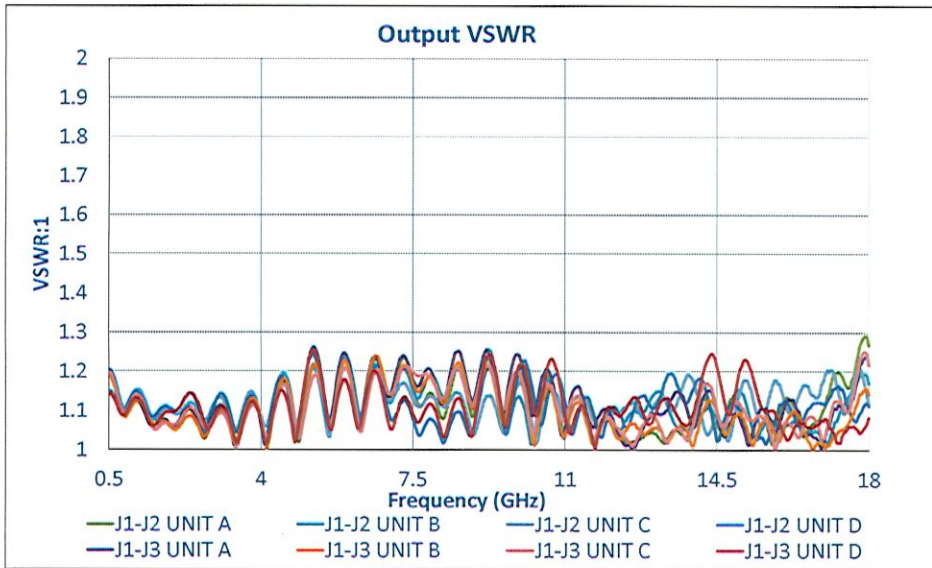
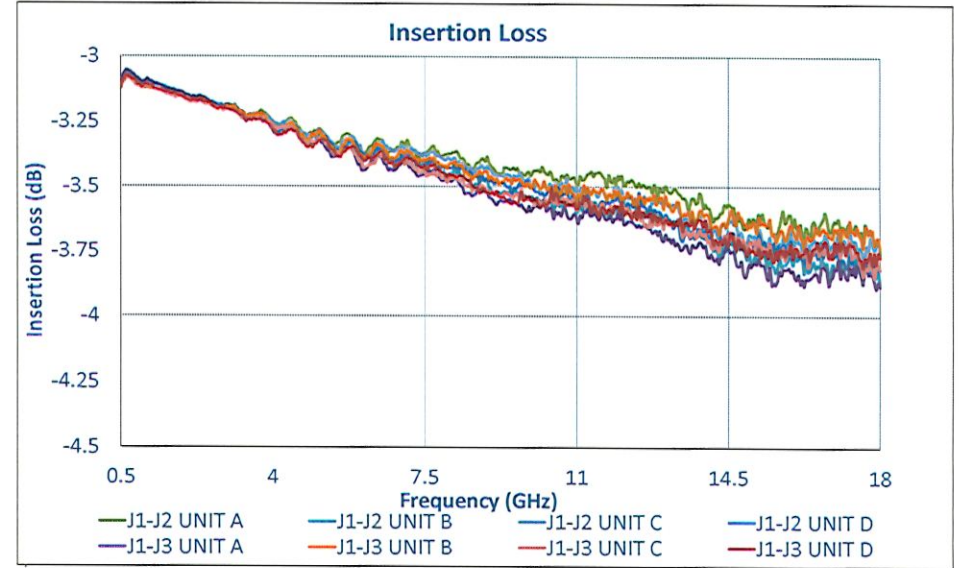
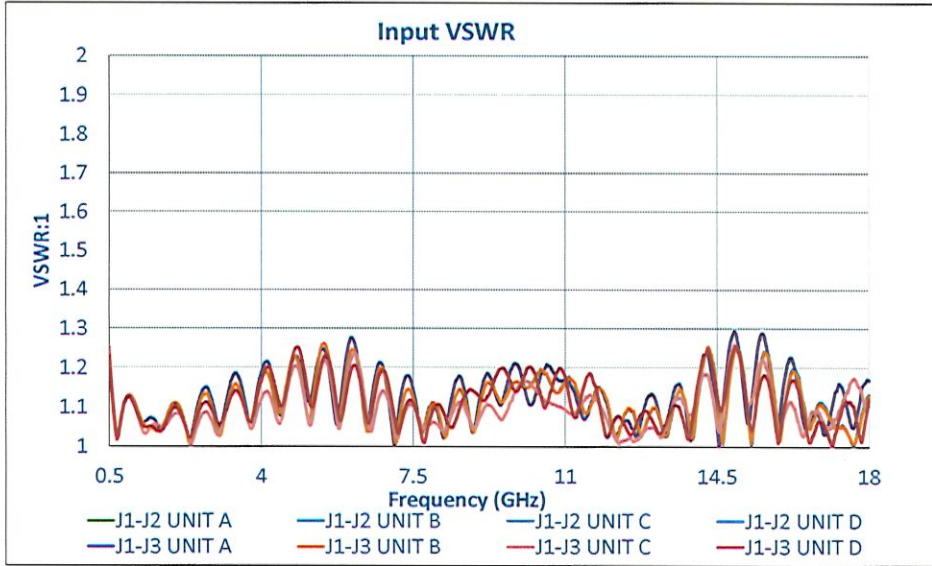
QA/QC Approval: Jordan

Date: 3-30-26

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ON
APD-2-0D5G18G-30W-SFF-X4**

PL58499-A/2611
PL58499-C/2611

PL58499-B/2611
PL58499-D/2611





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