



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

Customer: _____
 SO No: _____
 Model NO: APD-2-0D5G18G-30W-SFF-X4
 Serial Set (4): PL58501-A/2611 PL58501-B/2611
 PL58501-C/2611 PL58501-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
2	Insertion Loss:	1.5 dB MAX (Above 3.01 dB split)	0.81 dB (See Plot)	0.84 dB (See Plot)	0.79 dB (See Plot)	0.81 dB (See Plot)	
3	VSWR:	1.4:1 MAX (ALL PORTS)	1.24:1 (See Plot)	1.26:1 (See Plot)	1.27:1 (See Plot)	1.23:1 (See Plot)	
4	Isolation:	18 dB MIN	-19.04 dB (See Plot)	-19.04 dB (See Plot)	-19.15 dB (See Plot)	-19.23 dB (See Plot)	
5	Amplitude Balance:	±0.3 dB MAX	0.06 dB -0.06 dB (See Plot)	0.04 dB -0.04 dB (See Plot)	0.03 dB -0.03 dB (See Plot)	0.05 dB -0.05 dB (See Plot)	
6	Phase Balance:	±3° MAX	0.26 dB -0.26 dB (See Plot)	0.59 dB -0.59 dB (See Plot)	0.61 dB -0.61 dB (See Plot)	0.29 dB -0.29 dB (See Plot)	
7	Amplitude Tracking ¹ :	±0.3 dB	0.07 dB -0.07 dB (See Plot)				
8	Phase Tracking ¹ :	±5° MAX	2.59 dB -2.59 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

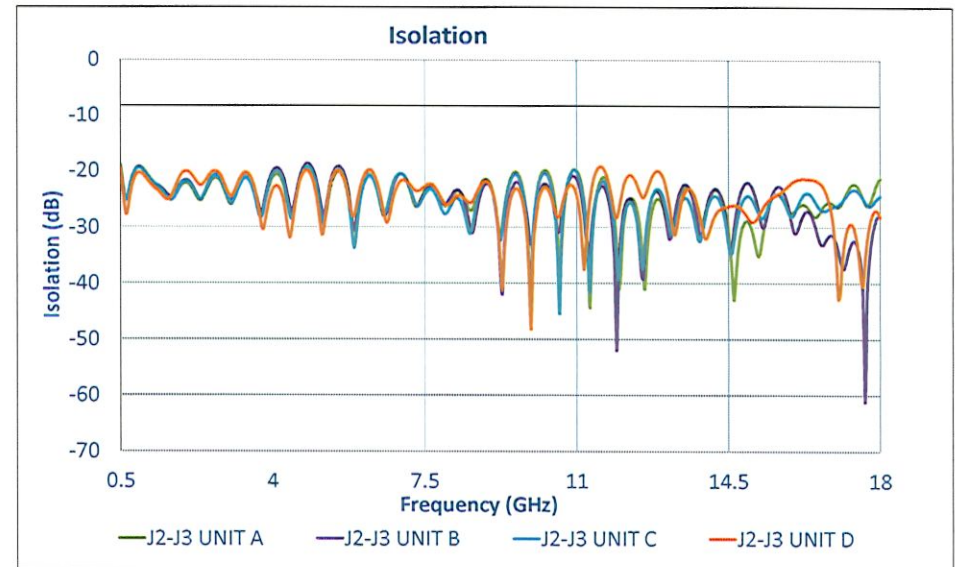
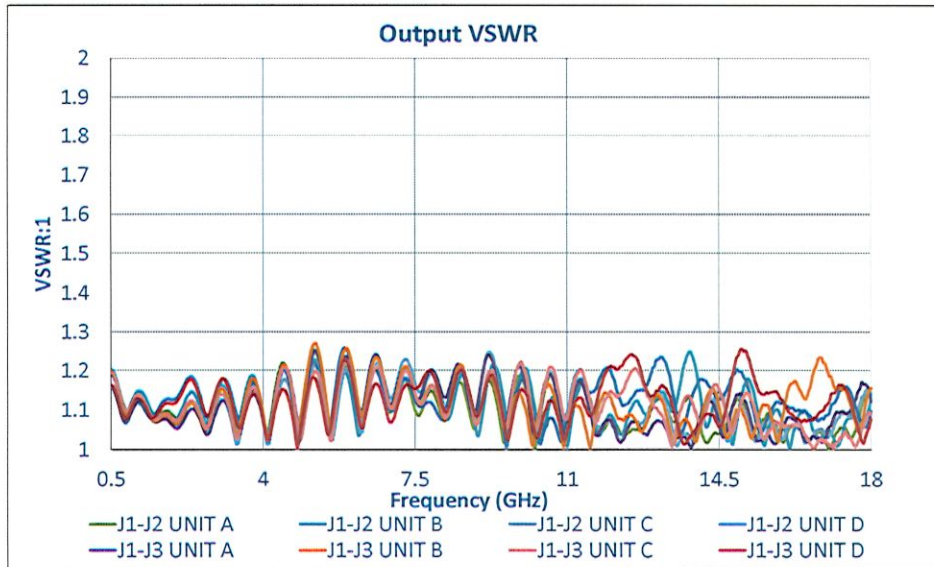
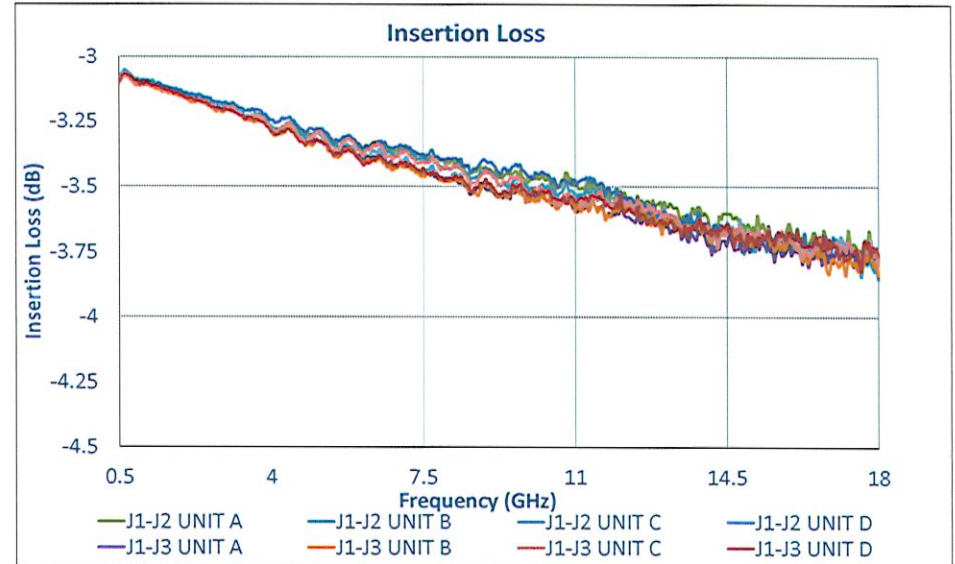
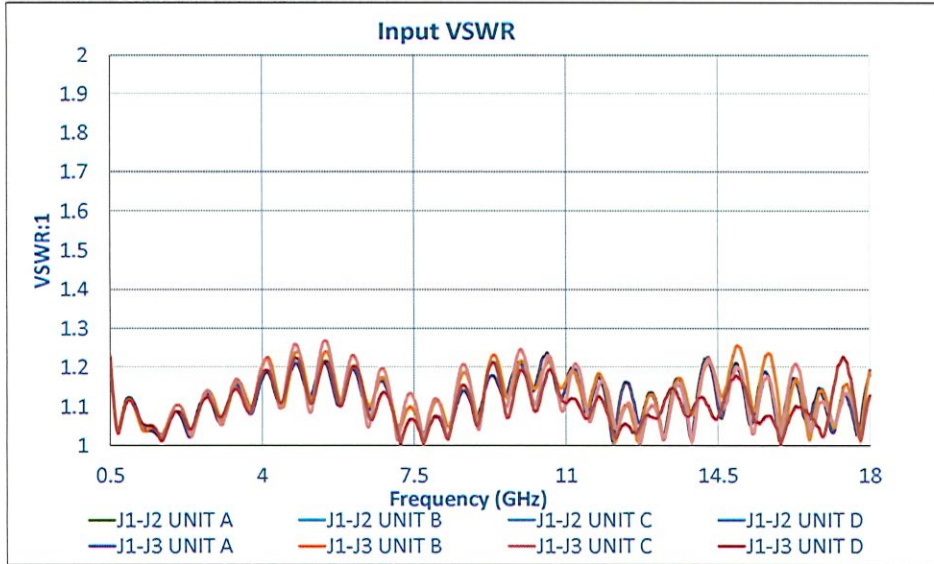
QA/QC Approval: Jordan Ryd Date: 3-30-26



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PL58501-C/2611

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PL58501-D/2611





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