

**SUMMARY TEST DATA
ON
APD-4-618-30W-SFF-SET**

Customer: _____
 SO No: _____
 Model No: APD-4-618-30W-SFF-SET
 Serial No: PL51272/2505

Tested By: K Craven
 Temperature: +25° C
 Date: 1/20/2025
 Drawing No: 27650300 Rev: A1

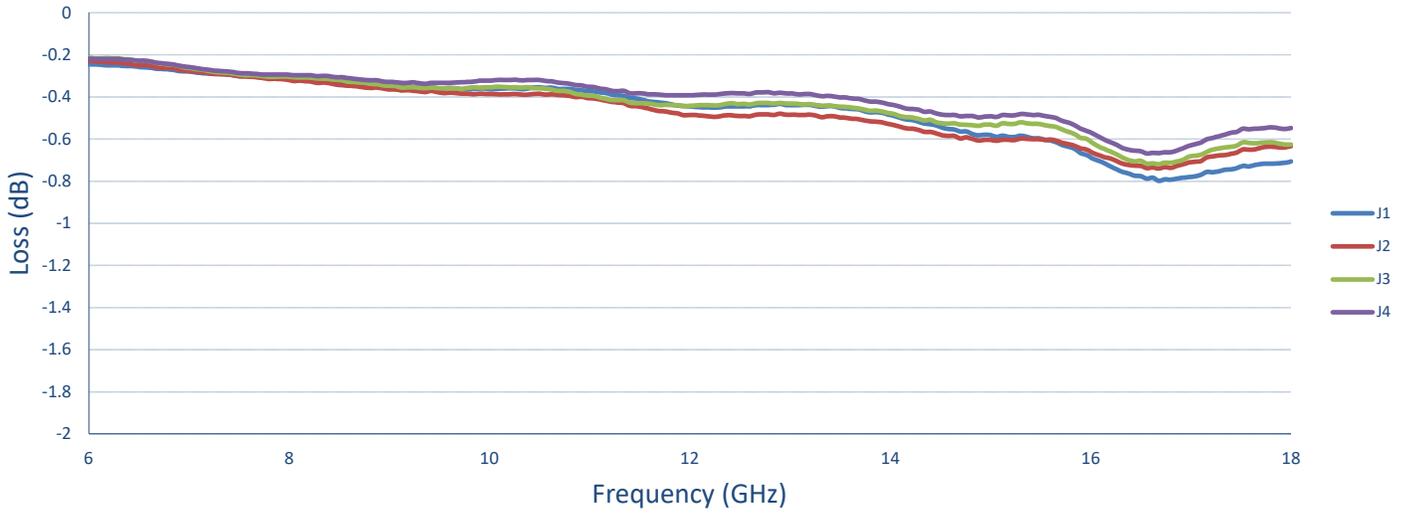
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				QA QC
			A	B	C	D	
1	Frequency Range:	6.0 to 18.0 GHz	6.0 to 18.0 GHz	6.0 to 18.0 GHz	6.0 to 18.0 GHz	6.0 to 18.0 GHz	
2	Insertion Loss:	1.1 dB Max. (Above 6.02 dB Split)	0.8 dB See Graph	0.77 dB See Graph	0.71 dB See Graph	0.66 dB See Graph	
3	VSWR:	Input 1.50:1 Max. Output 1.40:1 Max.	Input 1.48:1 Output 1.28:1 See Graph	Input 1.47:1 Output 1.29:1 See Graph	Input 1.34:1 Output 1.24:1 See Graph	Input 1.34:1 Output 1.2:1 See Graph	
4	Isolation:	18 dB Min.	20.7 dB See Graph	20.7 dB See Graph	20.8 dB See Graph	21.1 dB See Graph	
5	Amplitude Balance:	±0.3 dB Max.	0.05 dB -0.18 dB See Graph	0.09 dB -0.15 dB See Graph	0.08 dB -0.16 dB See Graph	0.06 dB -0.11 dB See Graph	
6	Amplitude Balance Unit to Unit:	±0.35 dB Max.	0 dB	0.2 dB	0.16 dB	0.2 dB	
7	Phase Balance:	±3° Max.	1.89° See Graph	2.77° See Graph	1.84° See Graph	1.52° See Graph	
8	Phase Balance Unit to Unit:	+5° Max.	0°	-3.11°	1.79°	1.22°	

QA/QC Approval: _____

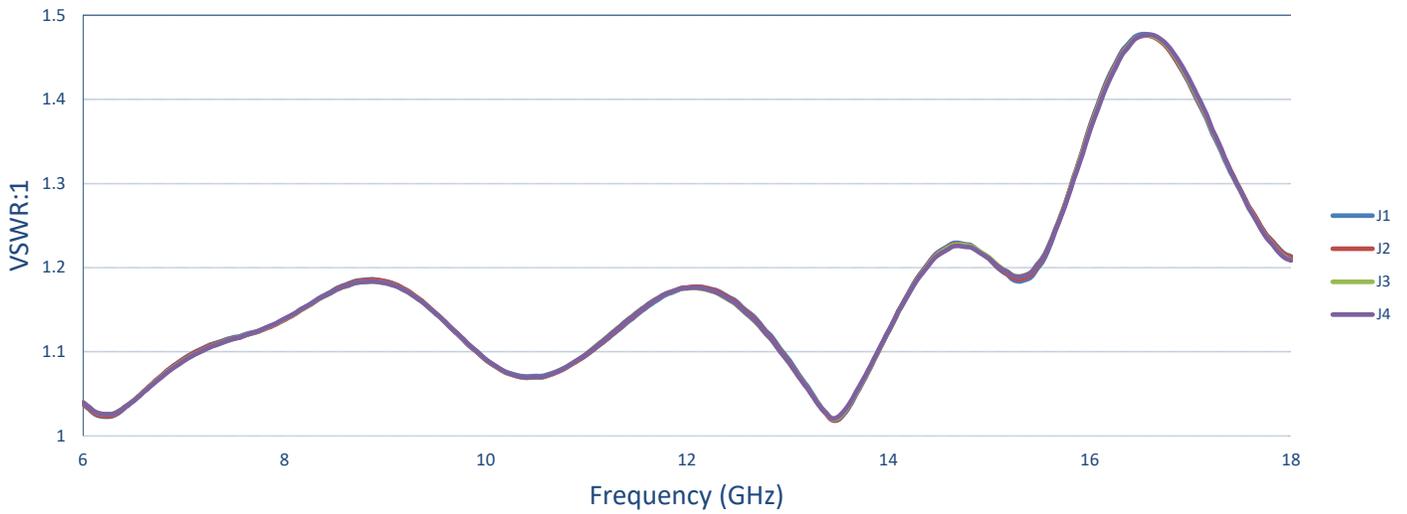
Date: _____

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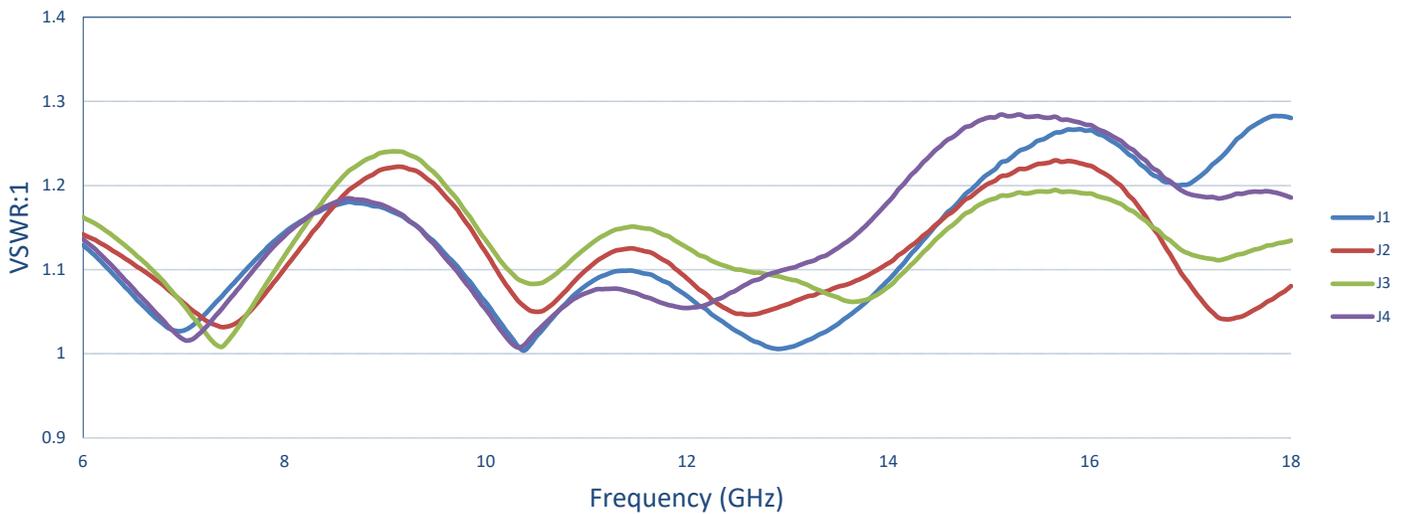
Insertion Loss



Input VSWR

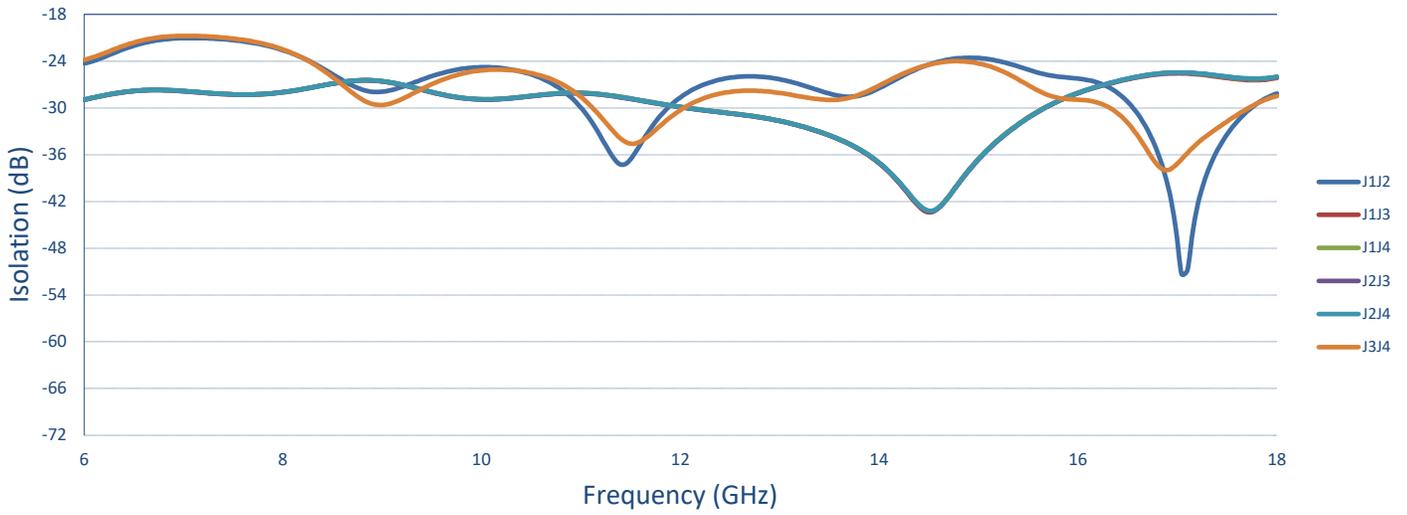


Output VSWR

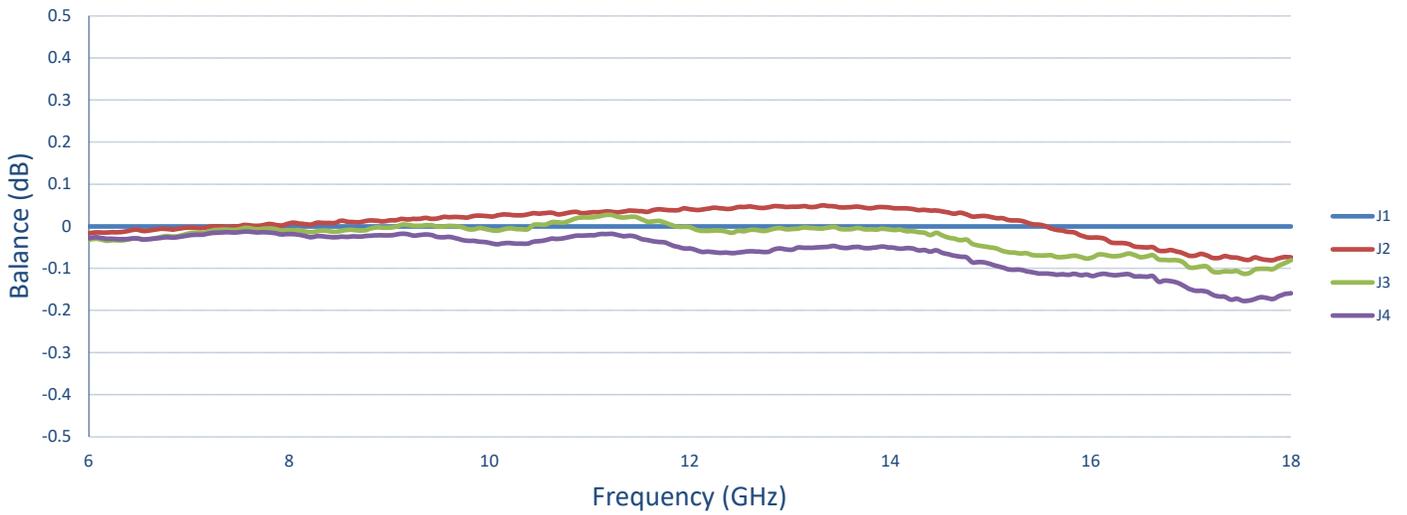


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Isolation



Amplitude Balance



Phase Balance

