

**TYPICAL CHARACTERISTICS
ON
APD-2-500M2G-23-SFF-30W**

**PMI MODEL NUMBER APD-2-500M2G-23-SFF-30W IS A TWO WAY POWER DIVIDER
FEATURING HIGH ISOLATION, LOW INSERTION LOSS, LOW VSWR, AND HAS EXCELLENT
PHASE AND AMPLITUDE BALANCE.**



Reported By	Noor Azhar
Tested By	Kevin Craven
Date	March 6th 2024

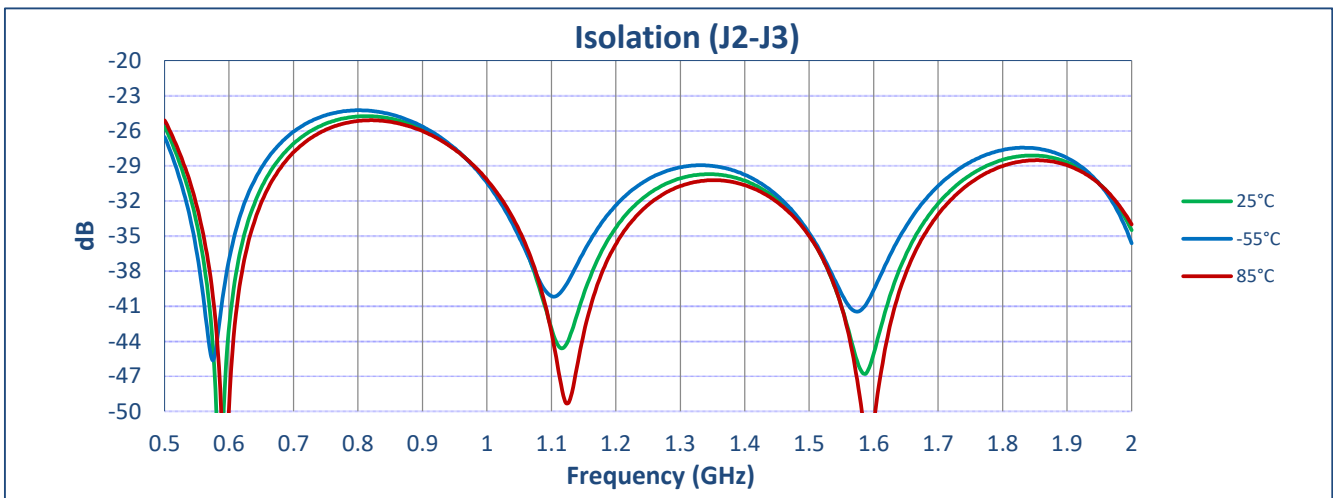
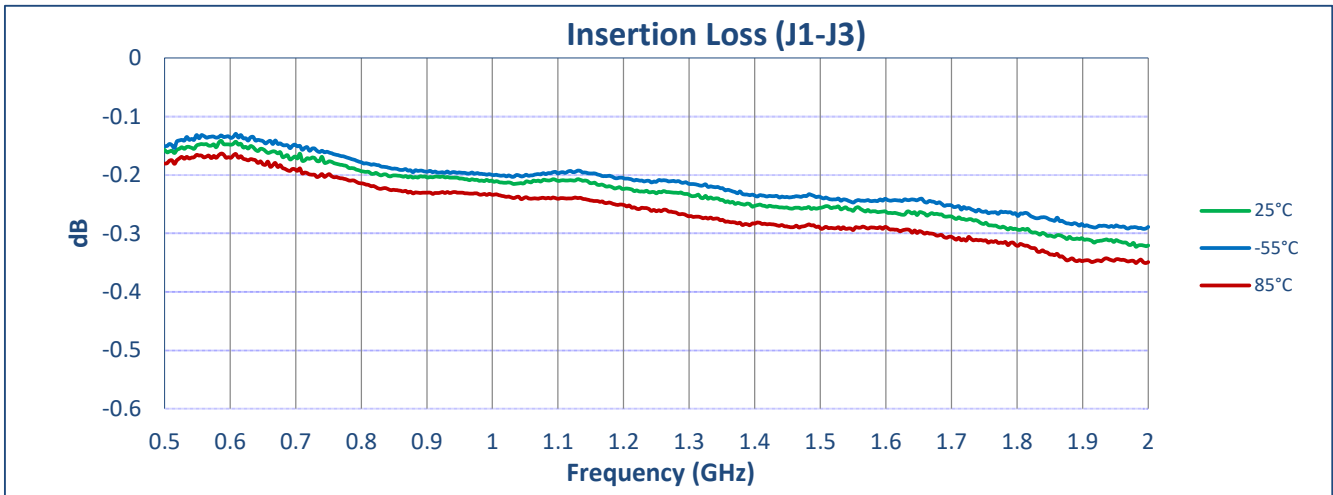
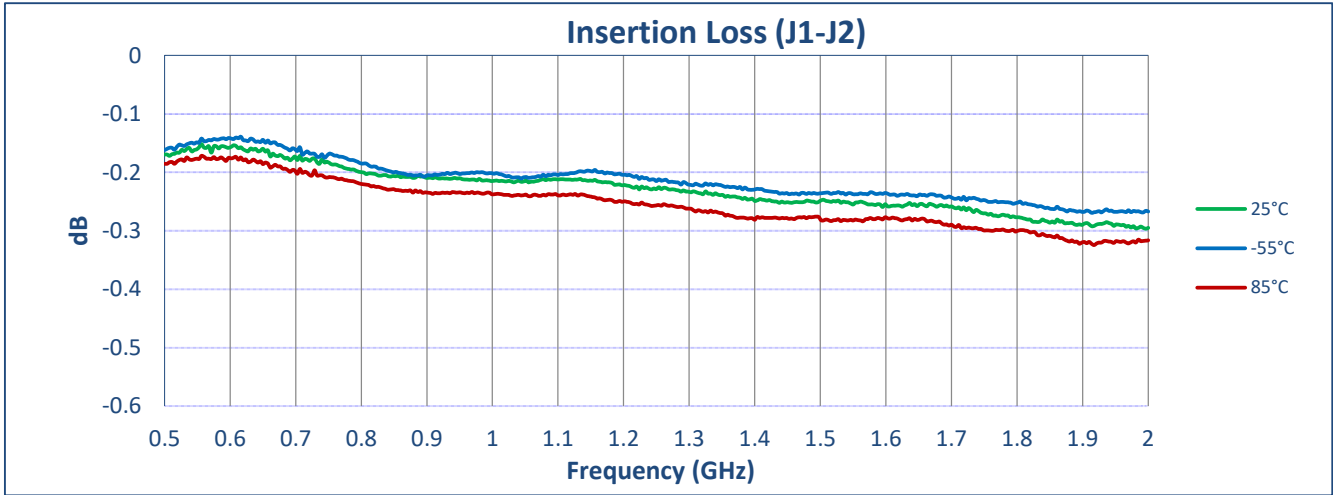
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
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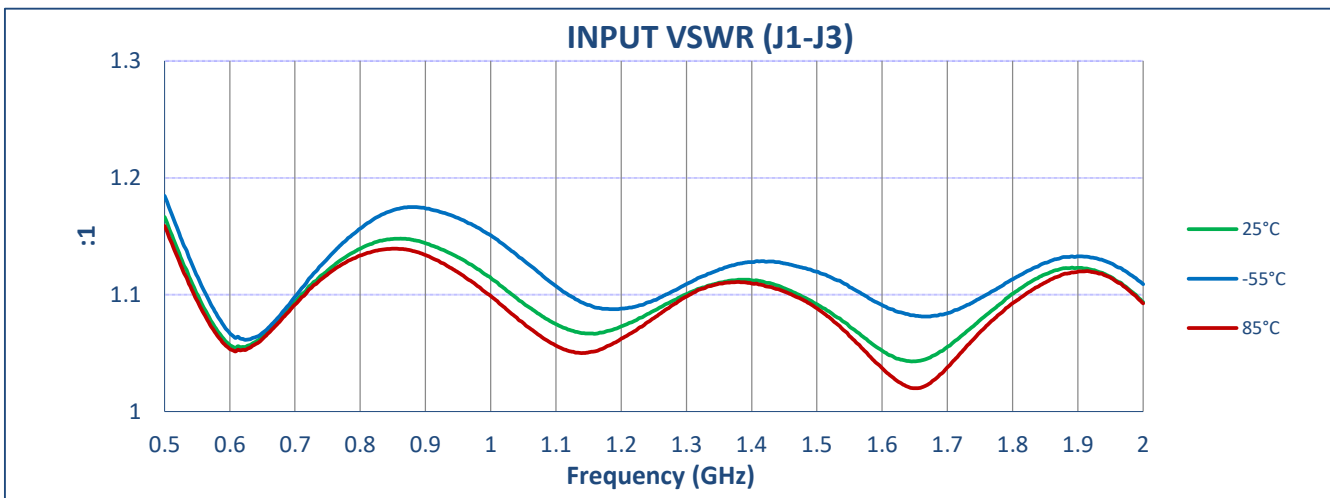
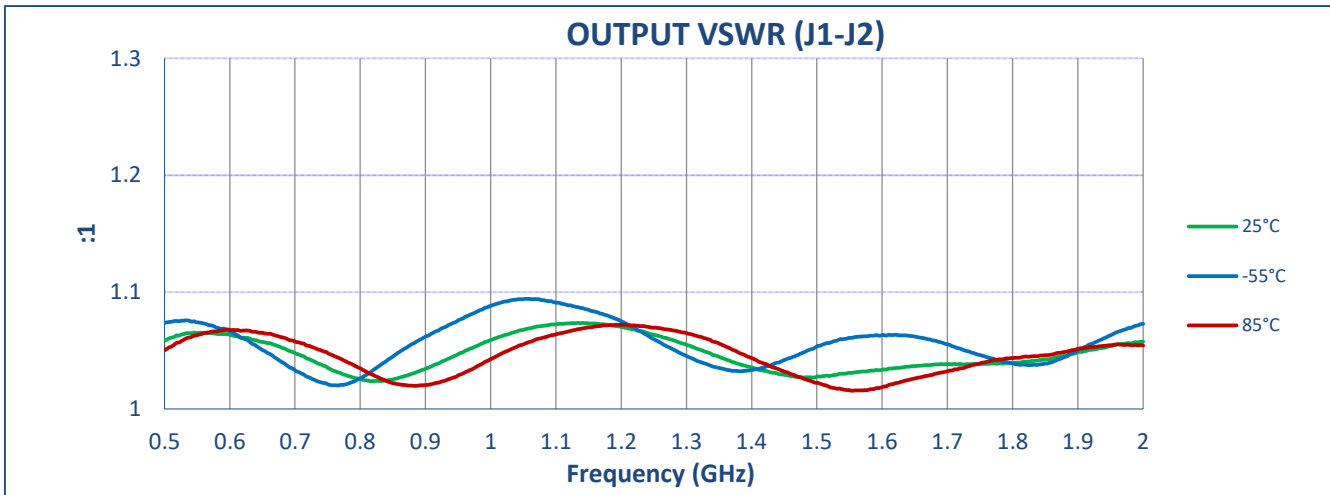
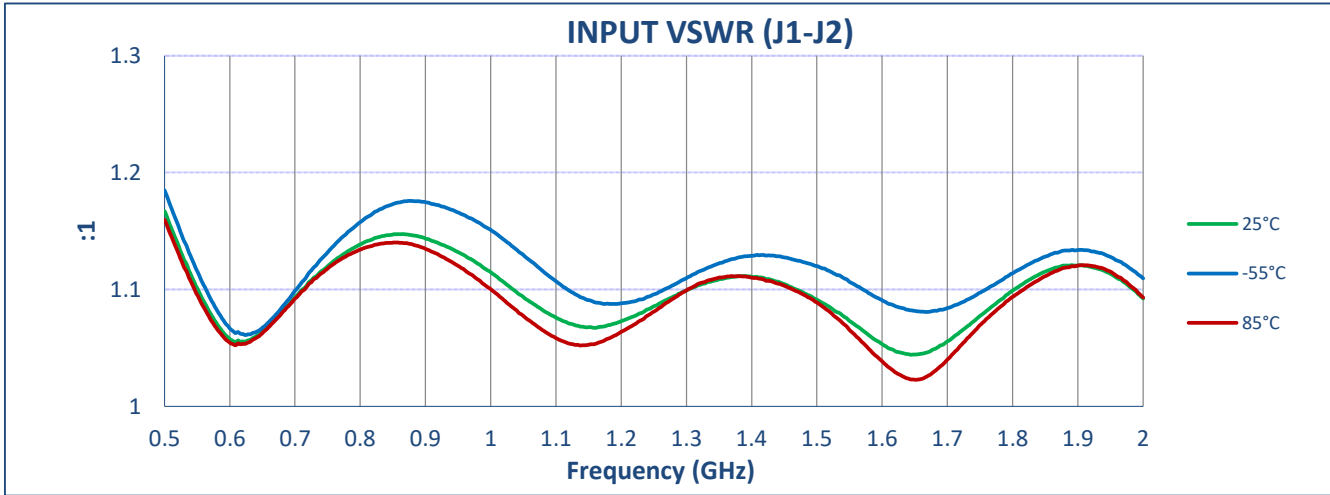
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TEST DATA

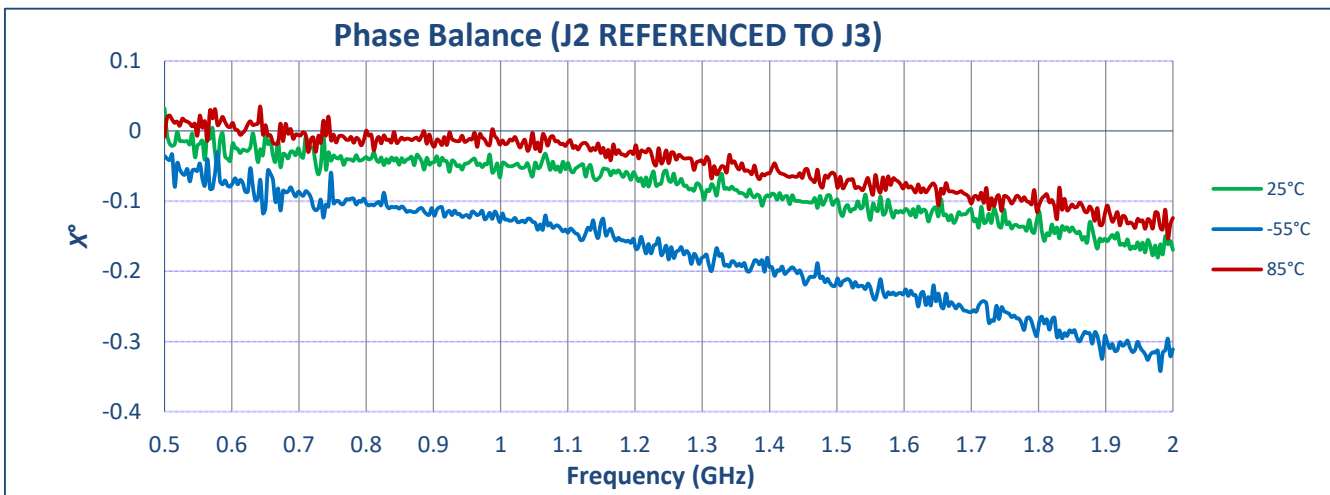
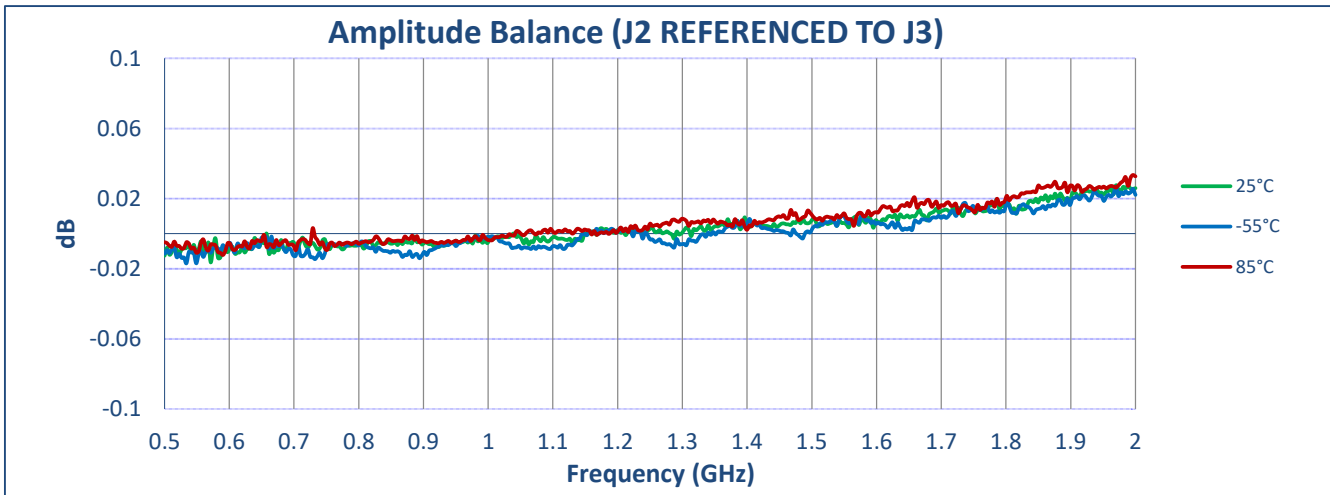
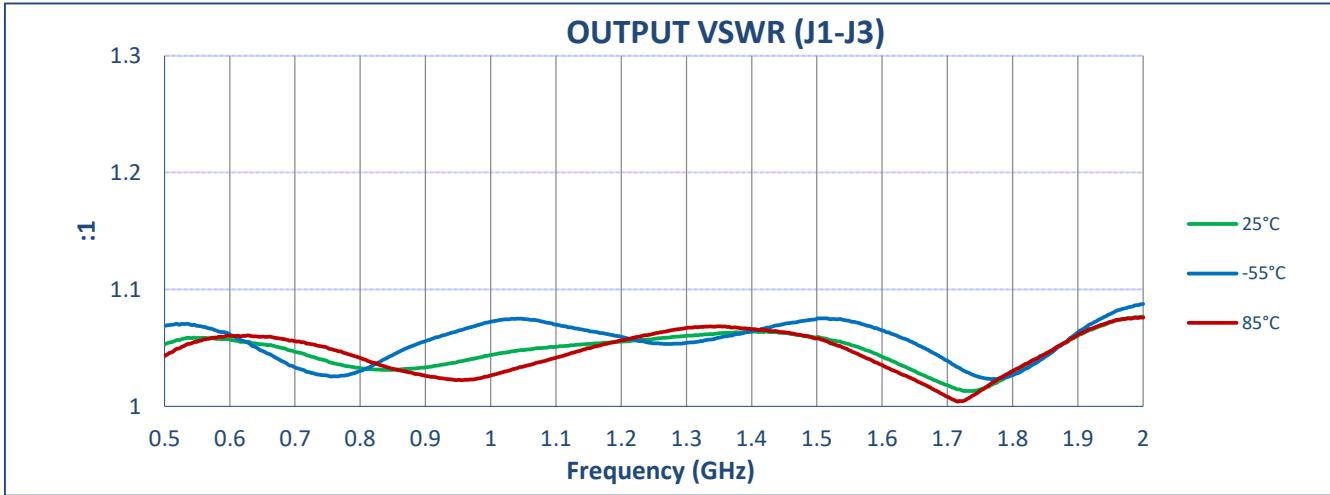
TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-55°C	85°C
1	Frequency Range	0.5 to 2.0 GHz	0.5 GHz to 2.0 GHz		
2	Insertion Loss	0.5 dB Max. (Above 3.01 dB Split)	0.32 dB	0.29 dB	0.35 dB
3	VSWR: In/Out	Input 1.2:1 Max. Output 1.15:1 Max	1.17 :1 IN 1.08 :1 OUT	1.18 :1 IN 1.09 :1 OUT	1.16 :1 IN 1.08 :1 OUT
4	Isolation	23 dB Min.	24.8 dB	24.2 dB	25.1 dB
5	Phase Balance	±2° Max	0.03° Max -0.18° Min	0° Max -0.34° Min	0.03° Max -0.15° Min
6	Amplitude Balance	±0.2 dB Max.	0.03dB Max -0.02dB Min	0.03dB Max -0.02dB Min	0.03dB Max -0.01dB Min
7	Power Handling	Forward: 30 W Max. Reversed: 1 W Max.	Forward: 30 W Reversed: 1 W	Forward: 30 W Reversed: 1 W	Forward: 30 W Reversed: 1 W

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