Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON P2T-500M18G-80-T-515-SFF-4W-ST

Customer: [illegible]
SO No: [illegible]
Model No: P2T-500M18G-80-T-515-SFF-4W-ST
Serial No: PL45697/2417

Tested By: A. Mousavi
Temperature: 25°C
Date: 4/26/2024
Drawing No: 27630243 Rev: B2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.5 GHz to 18 GHz	**0.5 GHz to 18 GHz**	PMI QA4
2	Isolation	70 dB Min.	**70.6 dB**	
3	Insertion Loss	3.5 dB Typ.	**3.02 dB**	
4	VSWR: In/Out	2 dB Max.	**1.65:1 In 1.76:1 Out**	
5	Operating Power CW	4 Watts	**Pass See Typical Characteristics**	
6	Operating Power Peak	20 Watts, 50ns PW, 2Mhz PRF, 10% Duty	**Pass See Typical Characteristics**	
7	Switching Speed	60 ns Max.	**Pass See Typical Characteristics**	
8	Power Supply	5 V @ 150 mA -15 V @ 150 mA	**5 V @ 60 mA -15 V @ 80 mA**	
9	Control Signal	TTL LOGIC '1' : J1-J2 Low Loss '0' : J1-J3 Low Loss	**Pass**	PMI QA4

QA/QC Approval: Cameron Kelly Date: 04/26/2024

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

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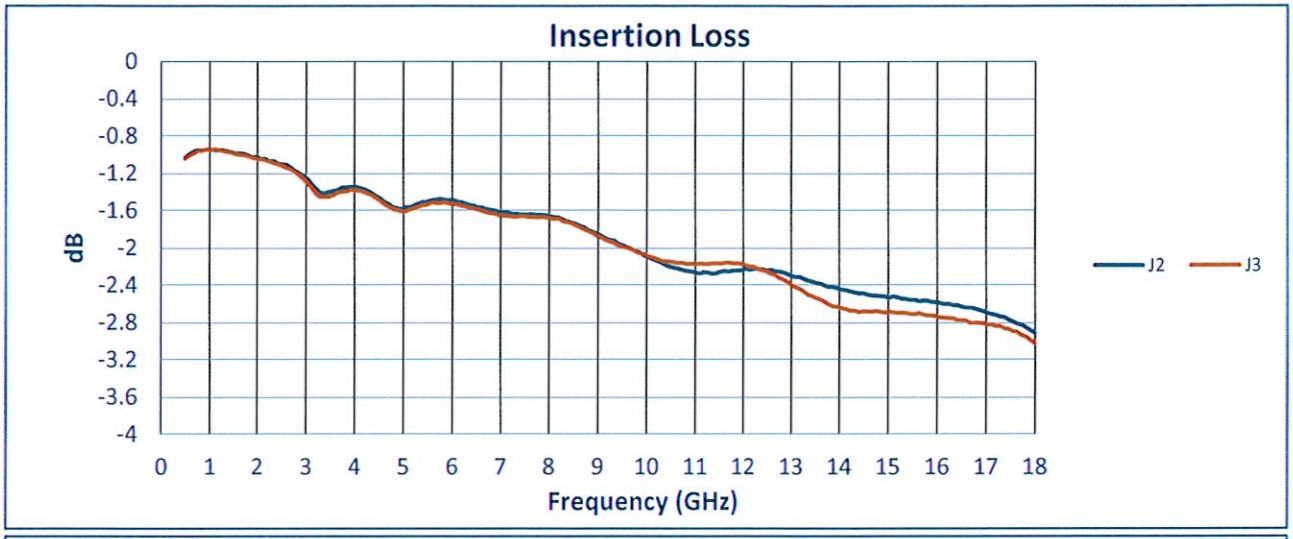

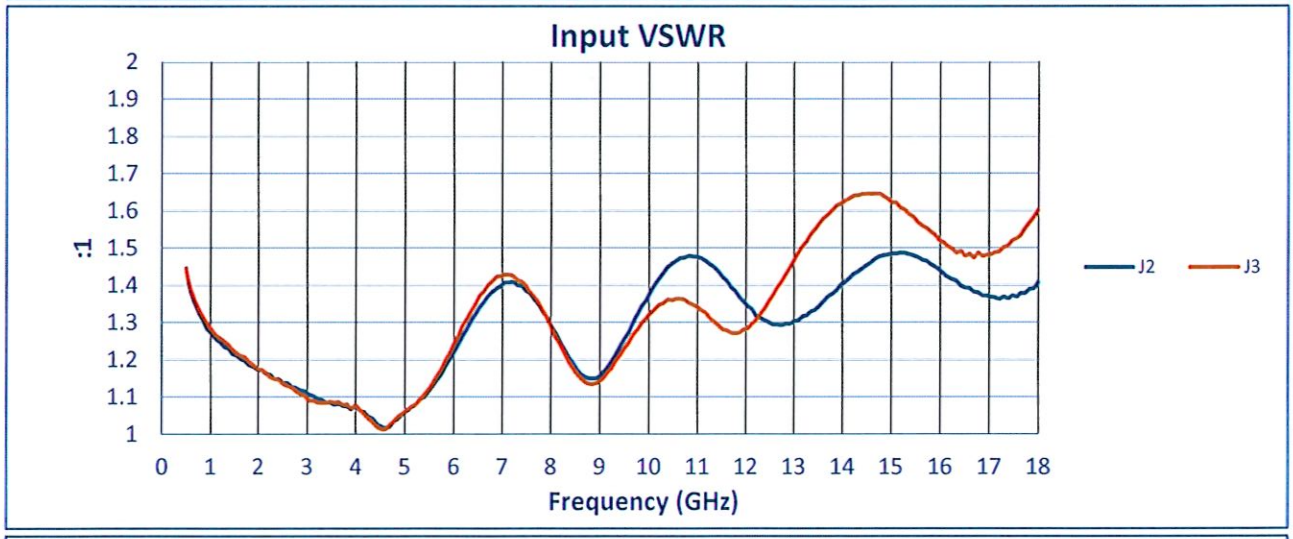

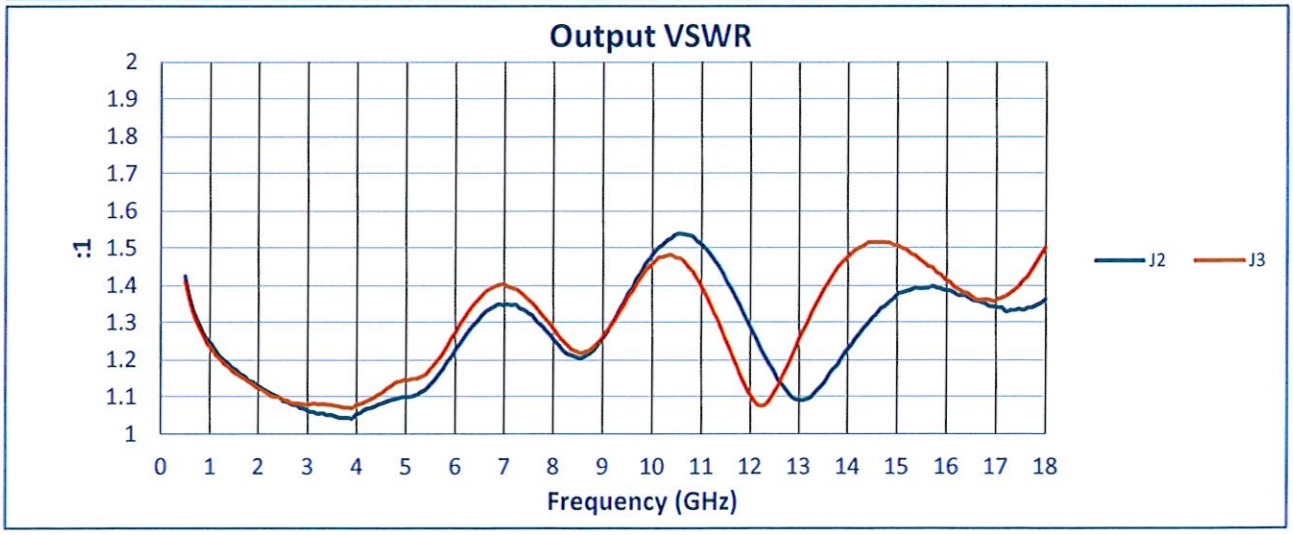

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ON
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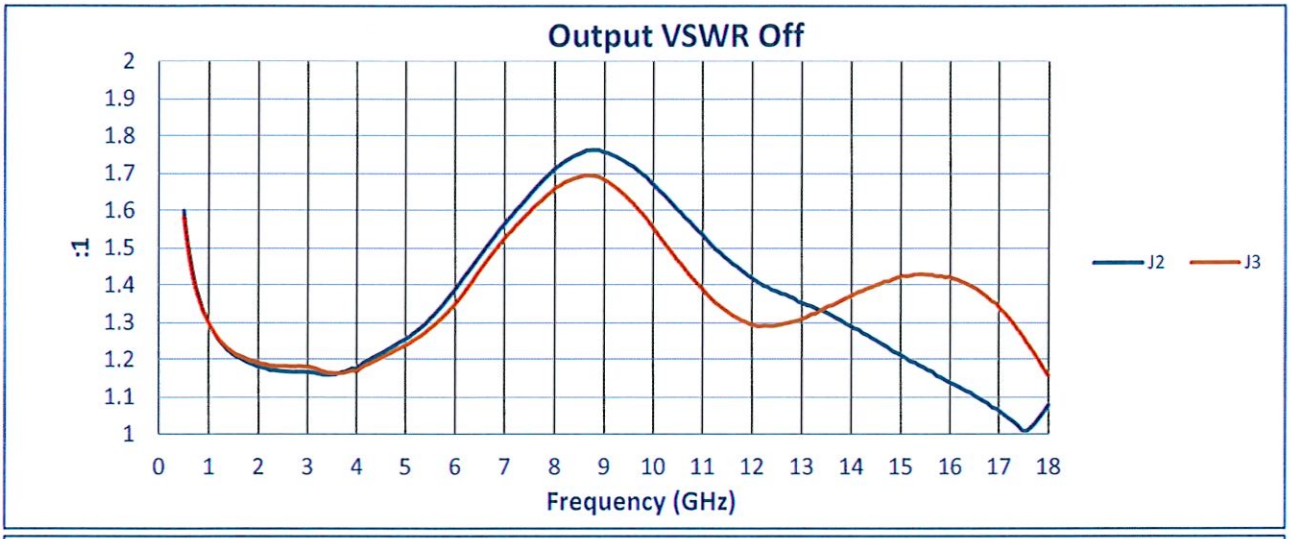

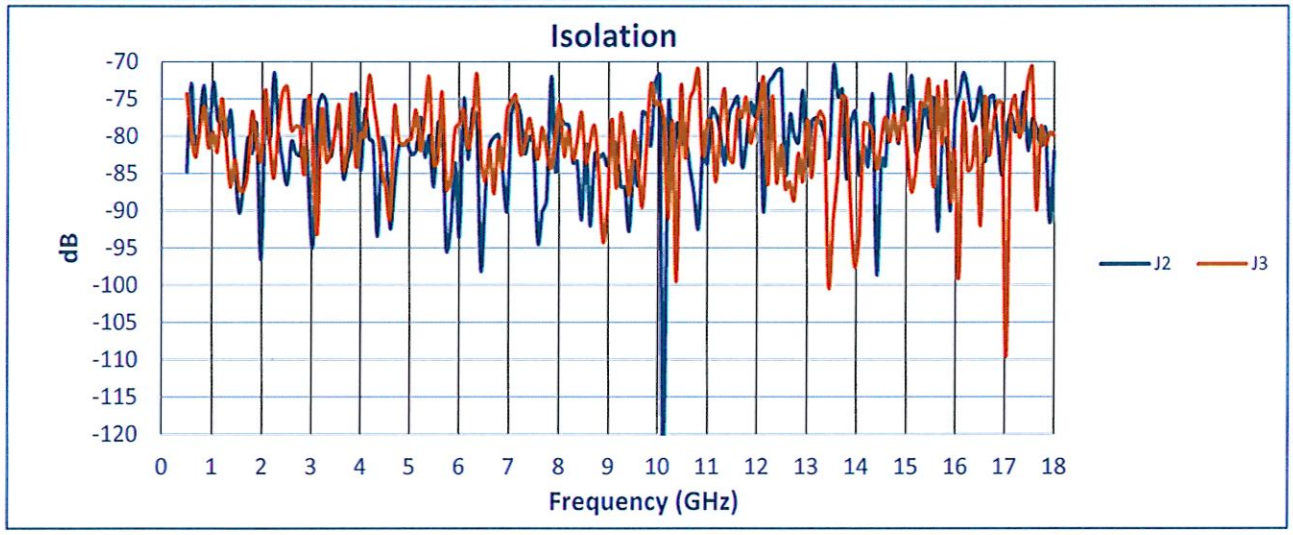

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