Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
P8T-500M40G-50-T-55-SFF

Customer: [redacted]
SO No:
Model No: P8T-500M40G-50-T-55-SFF
Serial No: PL47775/2433

Tested By: S. O'Neill
Temperature: 25°C
Date: 8/16/2024
Drawing No: 27614824 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.5 GHz to 40 GHz	**0.5 GHz to 40 GHz**	PMI QA4
2	Isolation	50 dB Min.	**64.6 dB**	
3	Insertion Loss	10 dB Max.	**8.25 dB**	
4	VSWR: In/Out	3 dB Typ.	**2.28:1 In** **2.49:1 Out**	
5	Operating Power CW	20 dBm Max	**Pass See Typical Characteristics**	
6	Switching Speed Typ	50 ns Typ.	**Pass See Typical Characteristics**	
7	Power Supply	5 V @ 70 mA -5 V @ 20 mA	**5 V @ 63 mA** **-5 V @ 18 mA**	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	**Pass**	PMI QA4

QA/QC Approval: Cameron Kelly Date: 8/16/24

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

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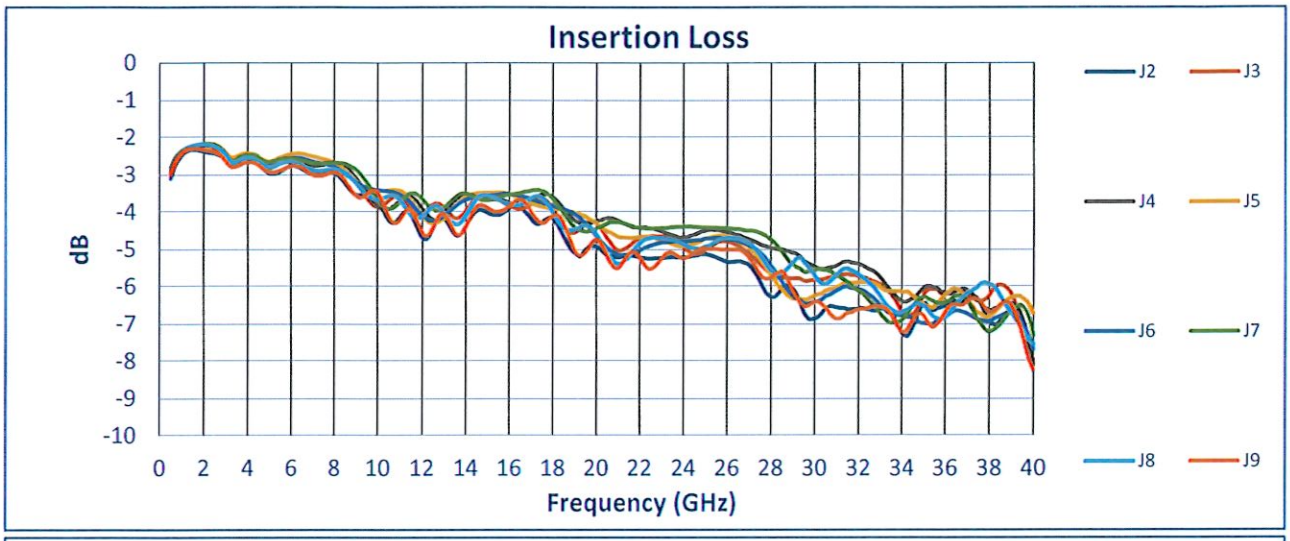

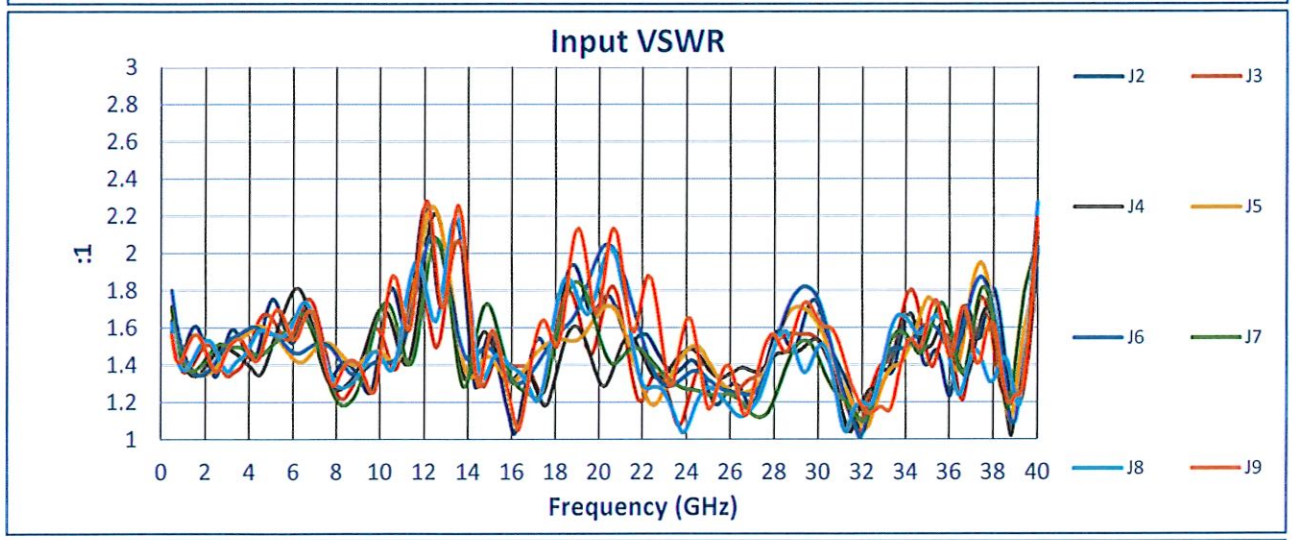

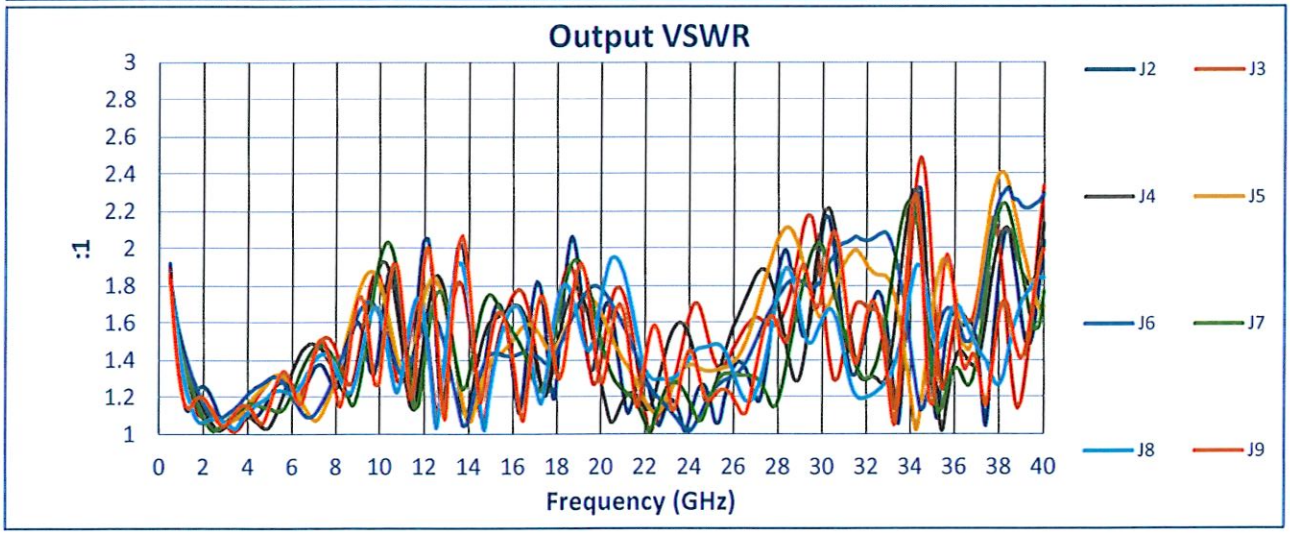

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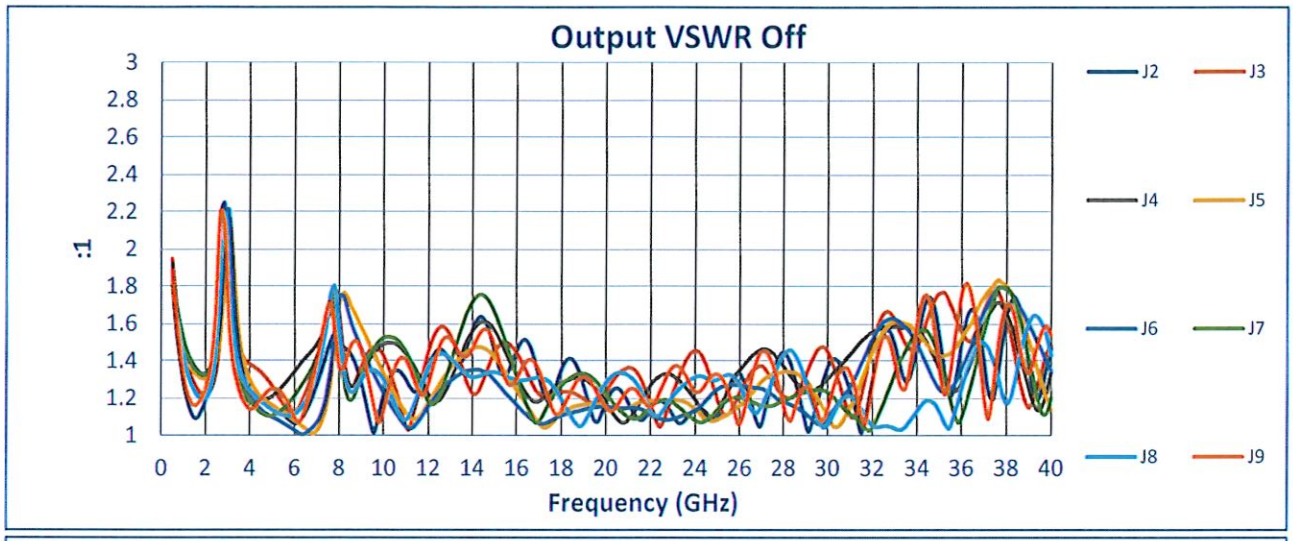

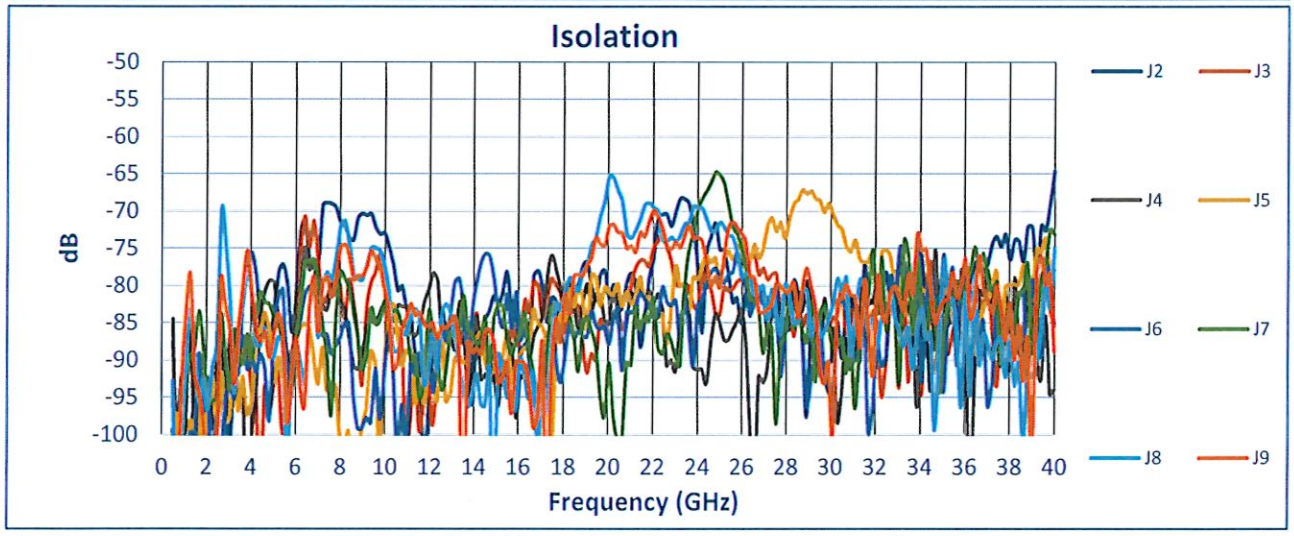

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