Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
P8T-10G31G-70-T-55-292FF-ROHS

Customer: [redacted]
SO No: [redacted]
Model No: P8T-10G31G-70-T-55-292FF-ROHS
Serial No: PL42163/2338

Tested By: L. McGraw
Temperature: 25°C
Date: 9/21/2023
Drawing No: 27645620 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	10 GHz to 31 GHz	**10 GHz to 31 GHz**	PMI QA2
2	Isolation	70 dB Min.	**83.4 dB**	
3	Insertion Loss	8 dB Max.	**6.29 dB**	
4	VSWR: In/Out	2.0:1 Max.	**1.97:1 In** **1.99:1 Out**	
5	Operating Power CW	20 dBm	**Pass See Typical Characteristics**	
6	Switching Speed Typ	50 ns Typ.	**Pass See Typical Characteristics**	
7	Power Supply	5 V @ 250 mA -5 V @ 100 mA	**5 V @ 196 mA** **-5 V @ 60 mA**	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	**Pass**	PMI QA2

QA/QC Approval: PMI QA2 Date: 9/21/2023

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

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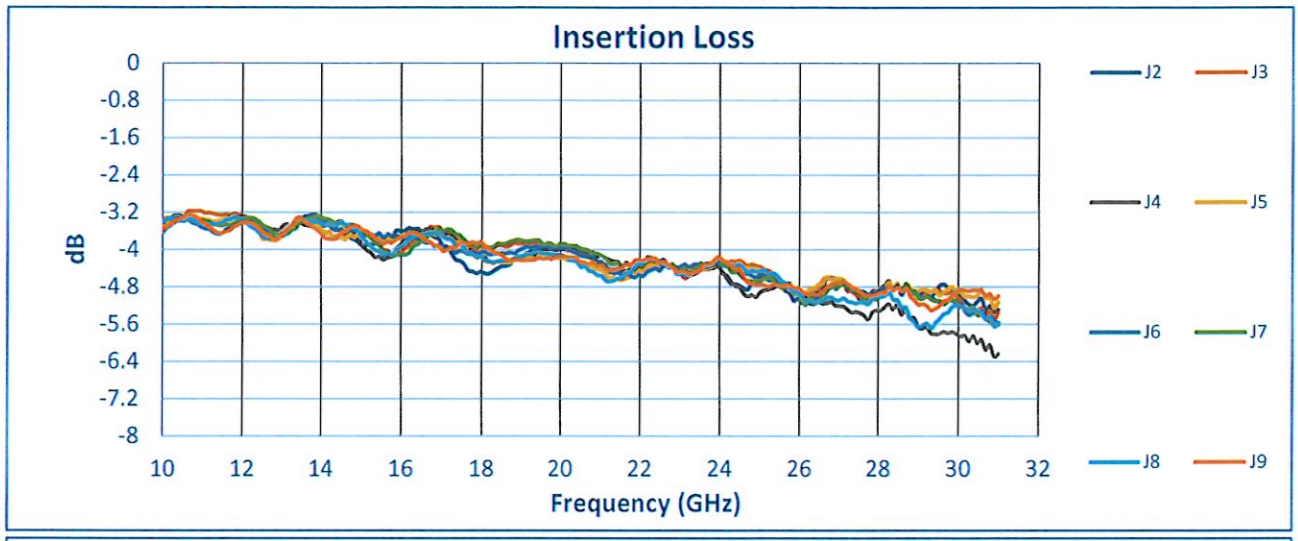

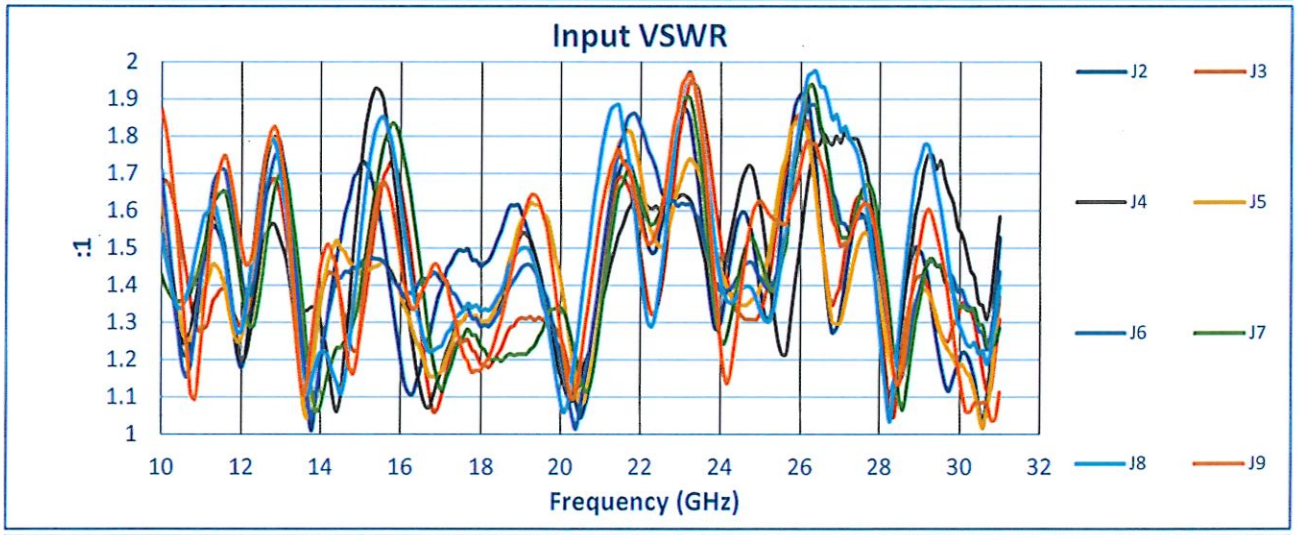

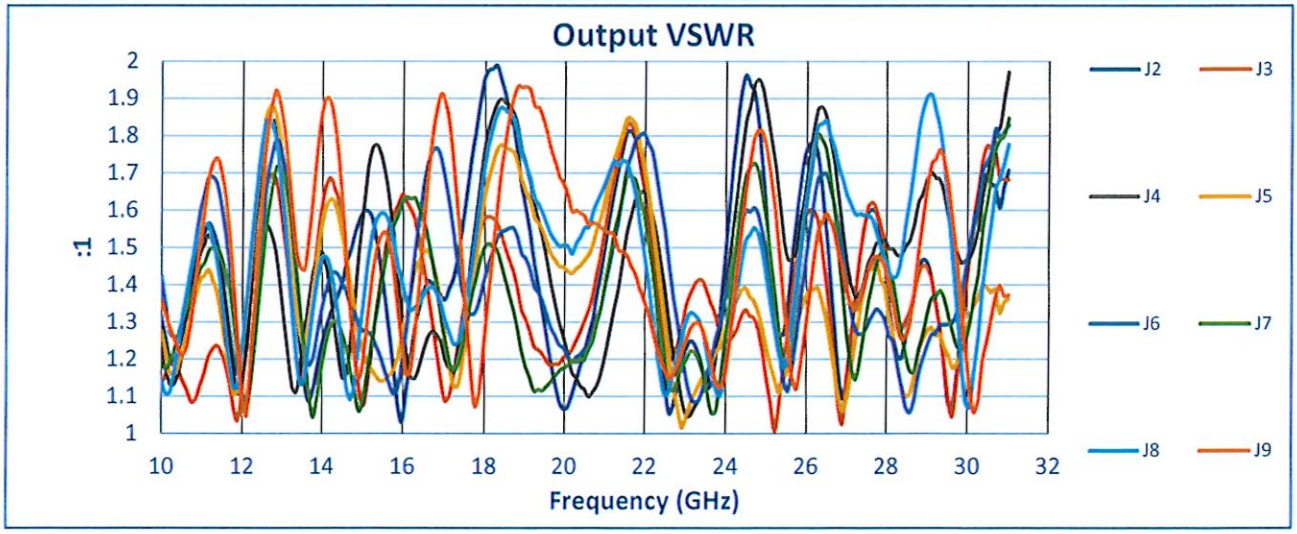

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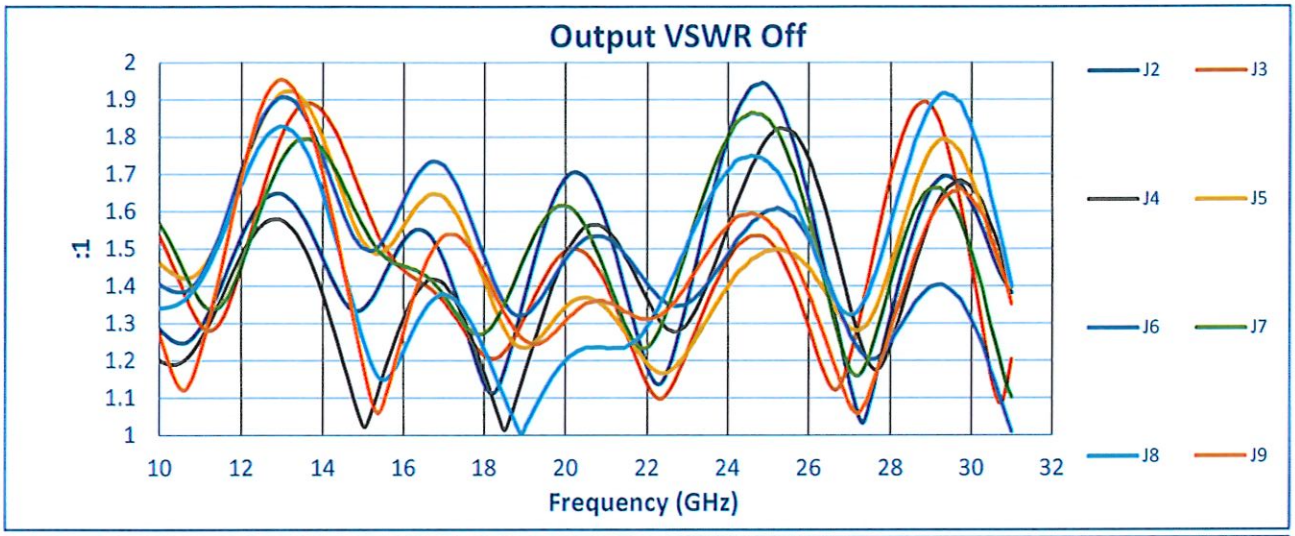

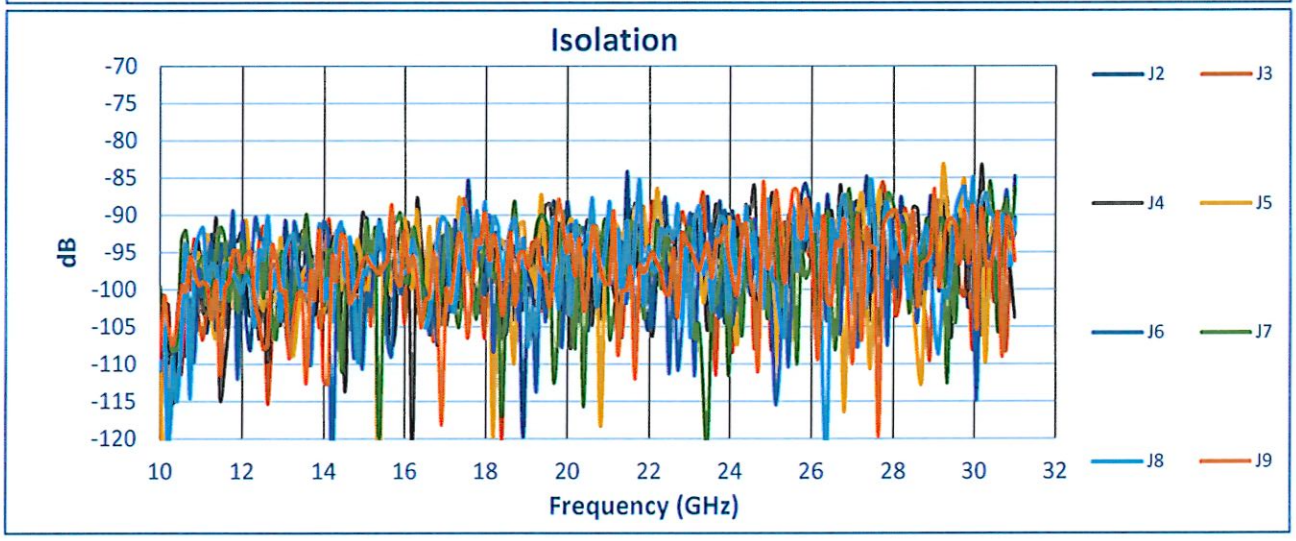

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