Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
P5T-218-80-T-25DBM-SFF

Customer:
SO No:
Model No: P5T-218-80-T-25DBM-SFF
Serial No: PL53870/2528

Tested By: L. McGraw
Temperature: +25°C
Date: 7/8/2025
Drawing No: 27650420 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	
			+25°C	QA/QC
1	Frequency Range:	2 to 18 GHz	2 to 18 GHz	PMI QA2
2	Insertion Loss:	3.2 dB Max.	3 dB	
3	VSWR Input/Output	2.0:1 Max.	1.94 :1 Max.	
4	Isolation:	80 dB Min.	80.52 dB	
5	Switching Speed	50 ns Max.	See Typical Characteristics	
6	Input Power:	+25 dBm MAX +20 dBm MAX (HOT SWITCHING)	See Typical Characteristics	
7	Control Signal:	TTL Logic (See Logic Table Below)	Pass	
8	DC Supply:	+5 V to +15V @ 120 mA Nominal -5 V to -15V @ 65 mA Nominal	+5 to +15 V @ 100 mA -5 to -15 V @ 44 mA	PMI QA2

TTL LOGIC CONTROL TABLE

A0	A1	A2	J0-J1	J0-J2	J0-J3	J0-J4	J0-J5
1	0	0	LOSS	ISO.	ISO.	ISO.	ISO.
0	1	0	ISO.	LOSS	ISO.	ISO.	ISO.
1	1	0	ISO.	ISO.	LOSS	ISO.	ISO.
0	0	1	ISO.	ISO.	ISO.	LOSS	ISO.
1	0	1	ISO.	ISO.	ISO.	ISO.	LOSS

QA/QC Approval: PMI QA2 Date: 7/10/2025

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

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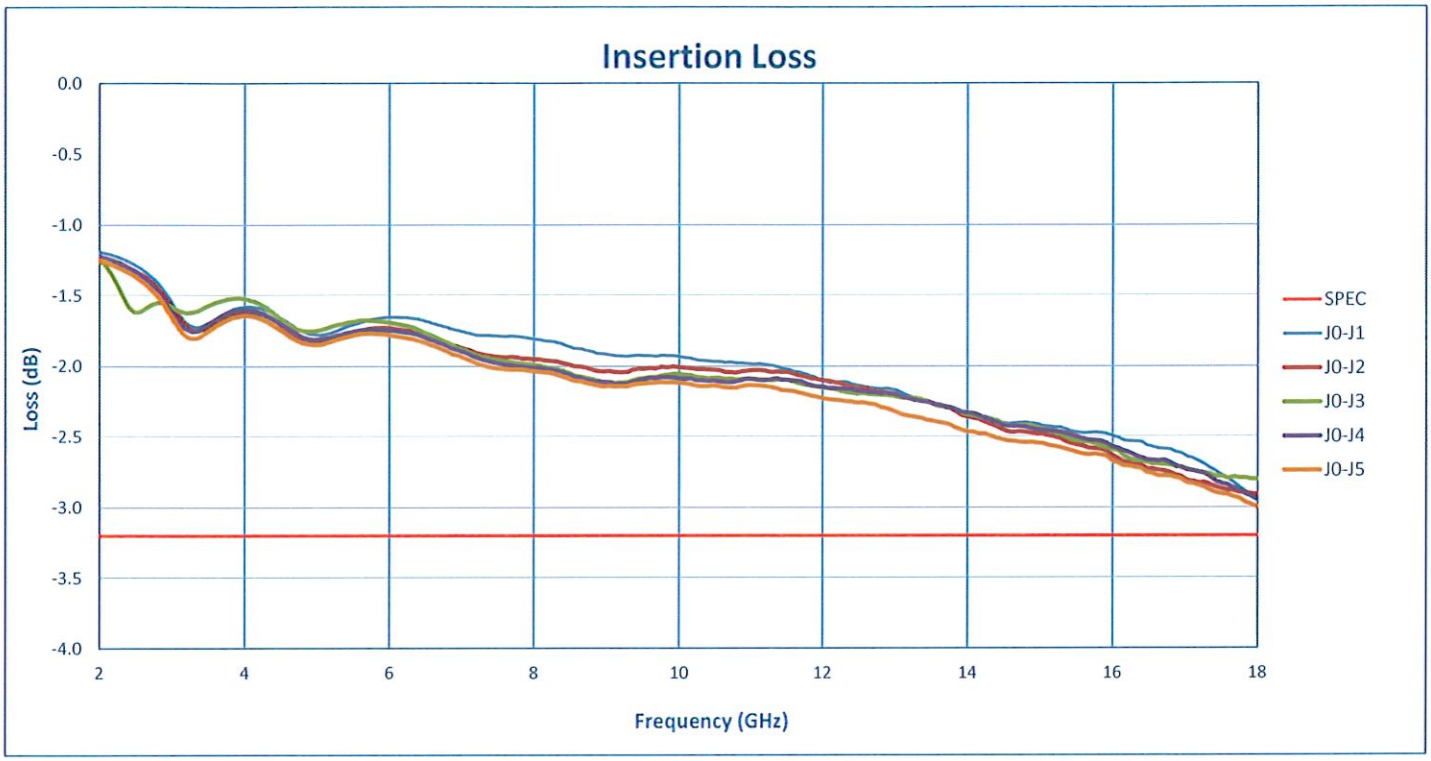

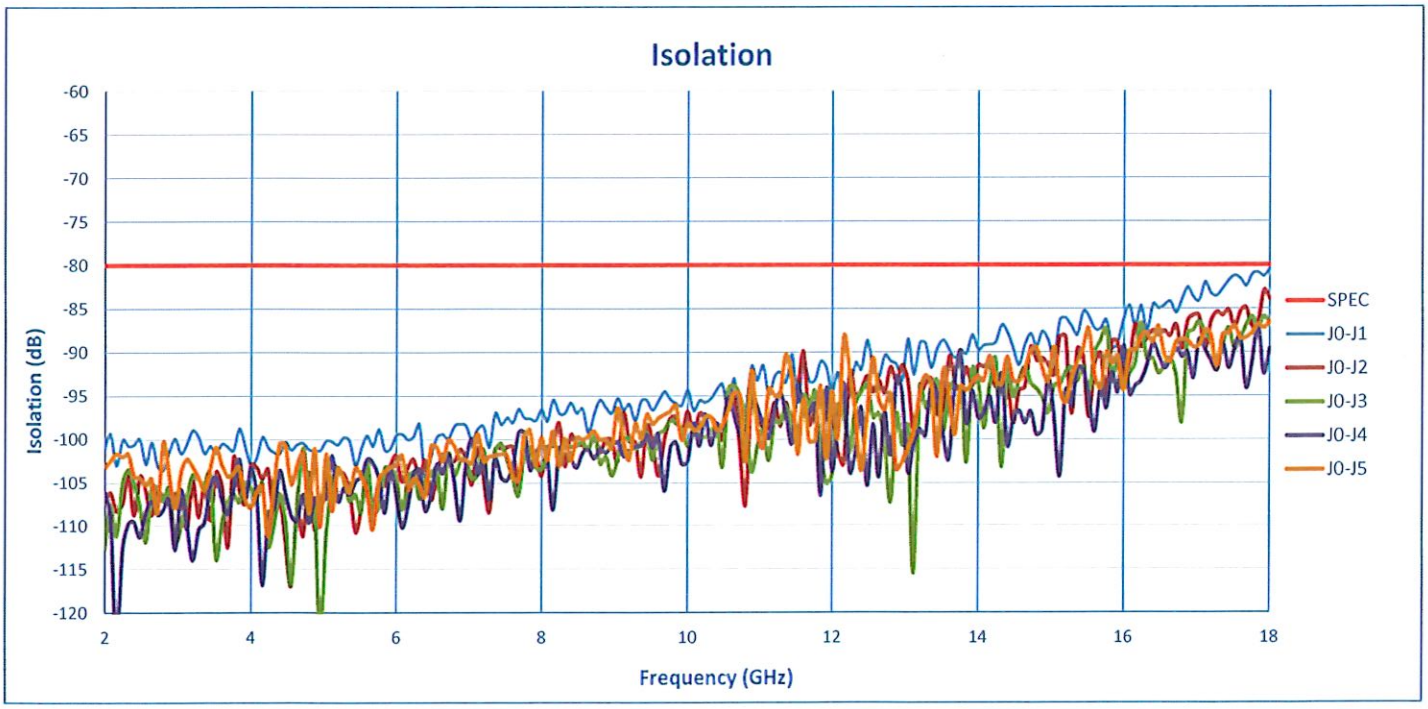

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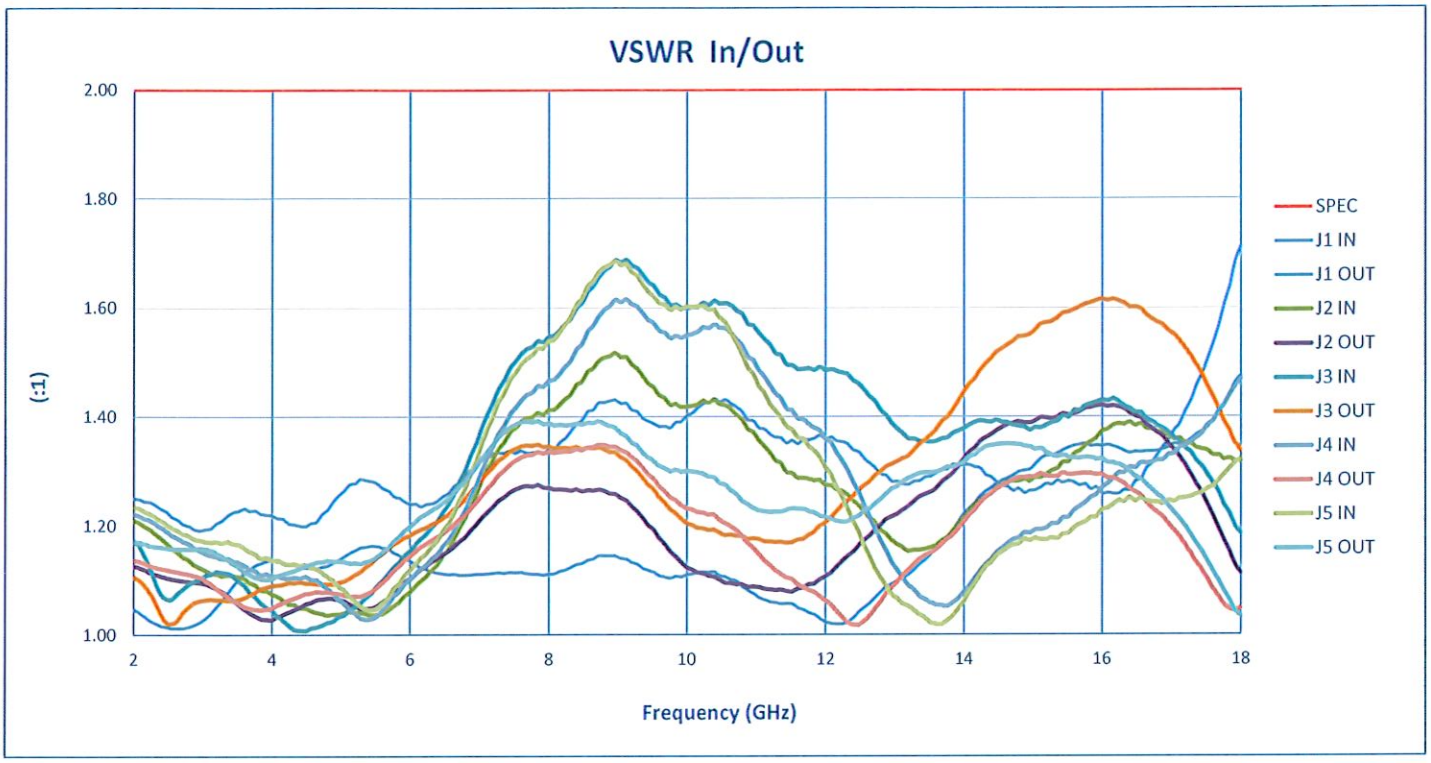

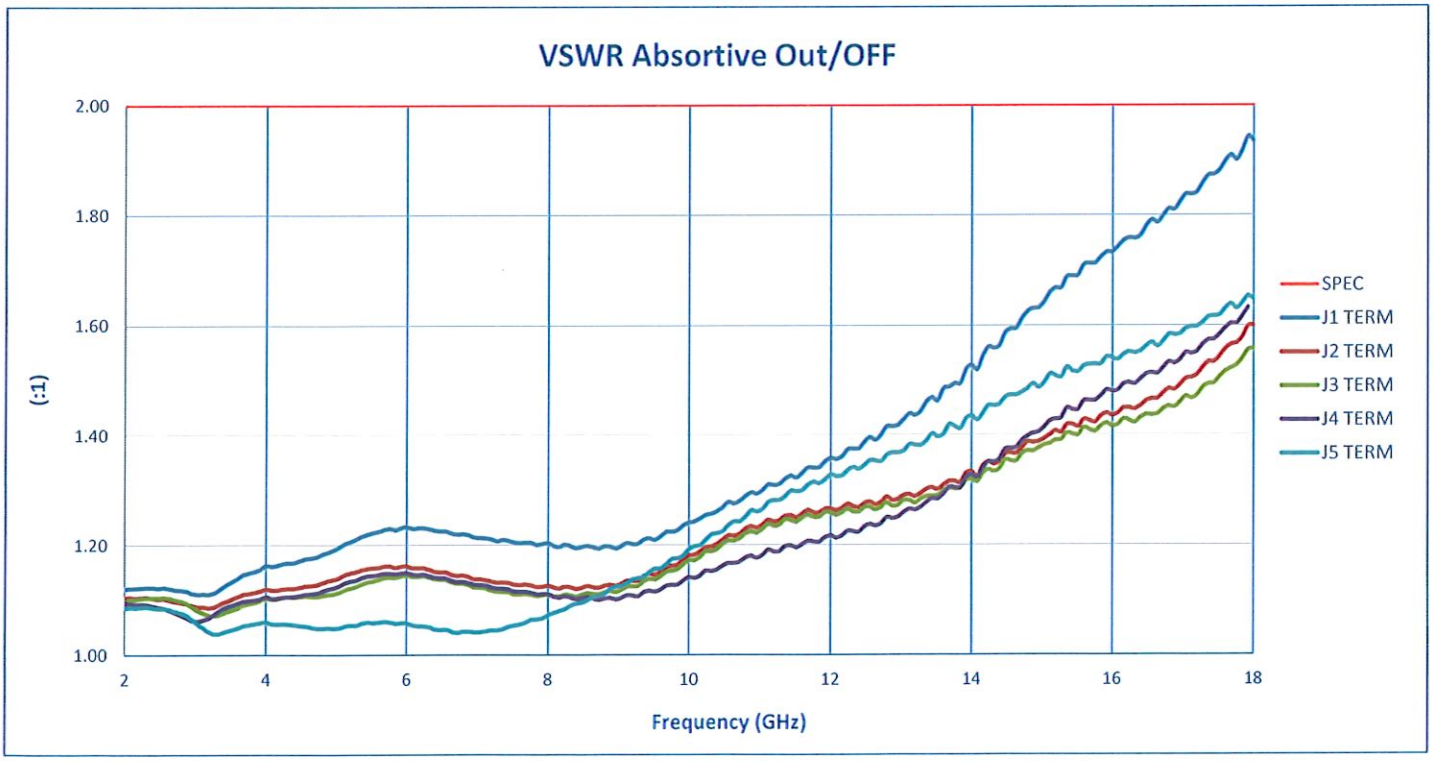

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