Quantic PMI
PLASMA MONOLITHICS

SUMMARY TEST DATA
ON
P2T-18G40G-65-R-292FF

Customer: [redacted]
SO No: [redacted]
Model No: P2T-18G40G-65-R-292FF
Serial No: PL61397/2630

Tested By: A. Mousavi
Temperature: 25°C
Date: 7/24/2026
Drawing No: 27614761 **Rev:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	18 GHz to 40 GHz	**18 GHz to 40 GHz**	PMI QA6
2	Insertion Loss	3.5 dB Max., 18 to 26.5 GHz 4.5 dB Max., 26.5 to 40 GHz	**3.32 dB, 18 to 26.5 GHz** **4.42 dB, 26.5 to 40 GHz**	
3	Isolation	65 dB Min., 18 to 26.5 GHz 55 dB Min., 26.5 to 40 GHz	**68.3 dB, 18 to 26.5 GHz** **72.1 dB, 26.5 to 40 GHz**	
4	VSWR: In/Out	2.3:1 Max., 18 to 26.5 GHz 2.5:1 Max., 26.5 to 40 GHz	**2.1:1, 18 to 26.5 GHz** **2.38:1, 26.5 to 40 GHz**	
5	Switching Speed Max	100 ns Max.	**Pass See Typical Characteristics**	
6	Operating Power CW	20 dBm	**Pass See Typical Characteristics**	
7	Survival Power	30 dBm CW	**Pass See Typical Characteristics**	
8	Power Supply	5 V @ 75 mA Typ -12 V @ 50 mA Typ	**5 V @ 100 mA** **-12 V @ 30 mA**	
9	Control Signal	TTL LOGIC '0' : J1-J2 Low Loss '1' : J1-J3 Low Loss	**Pass**	PMI QA6

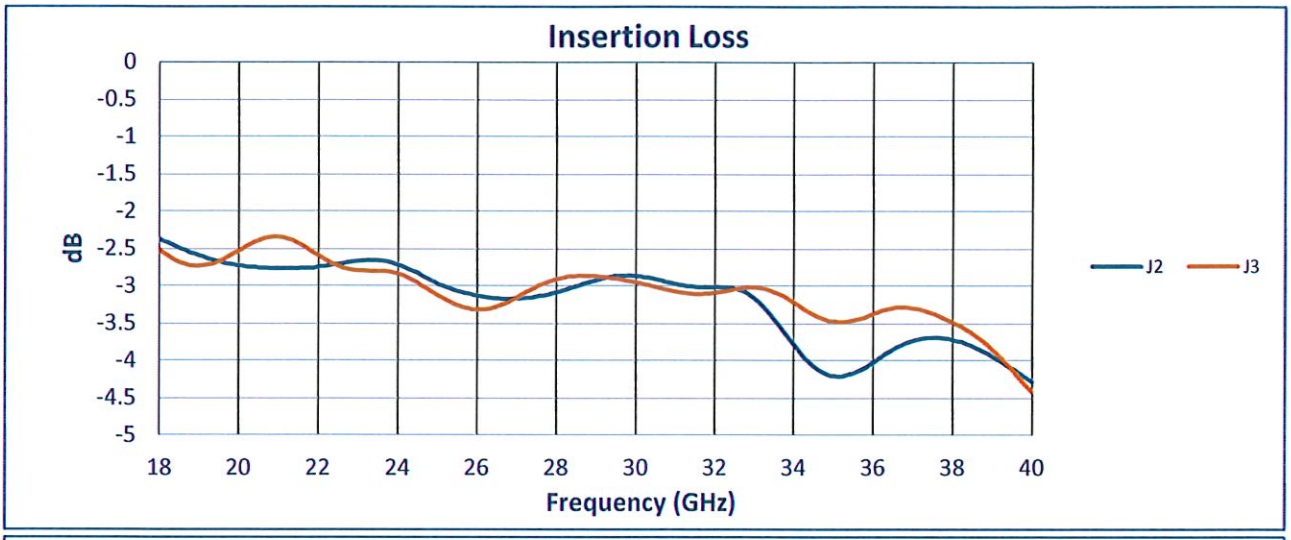
QA/QC Approval: Anthony Kardy PMI QA6 **Date:** 7/27/26

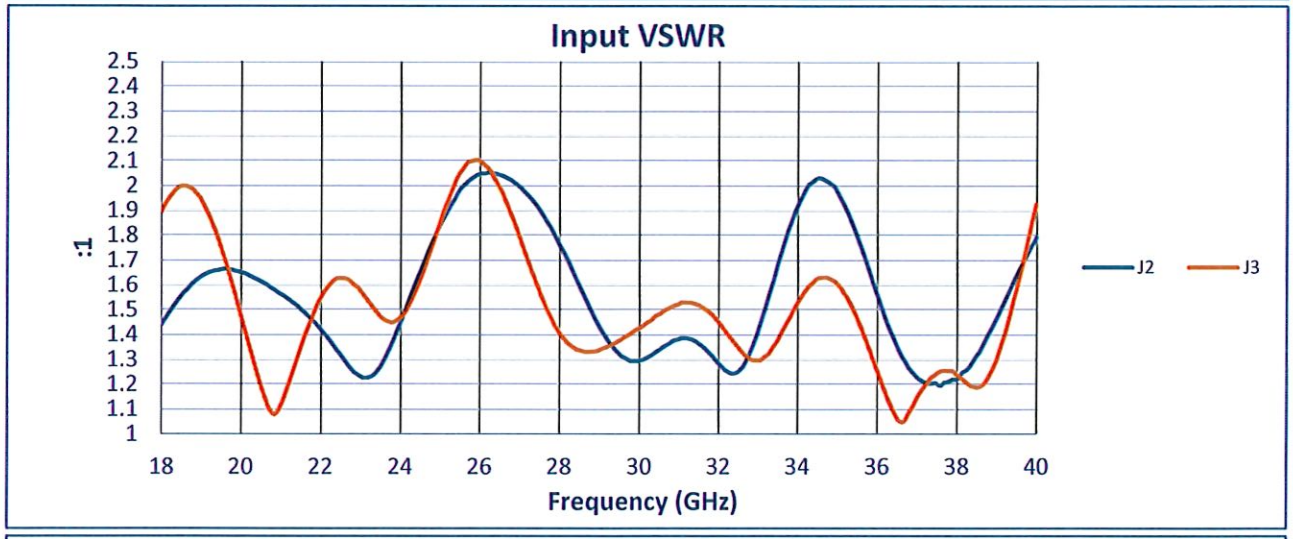
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

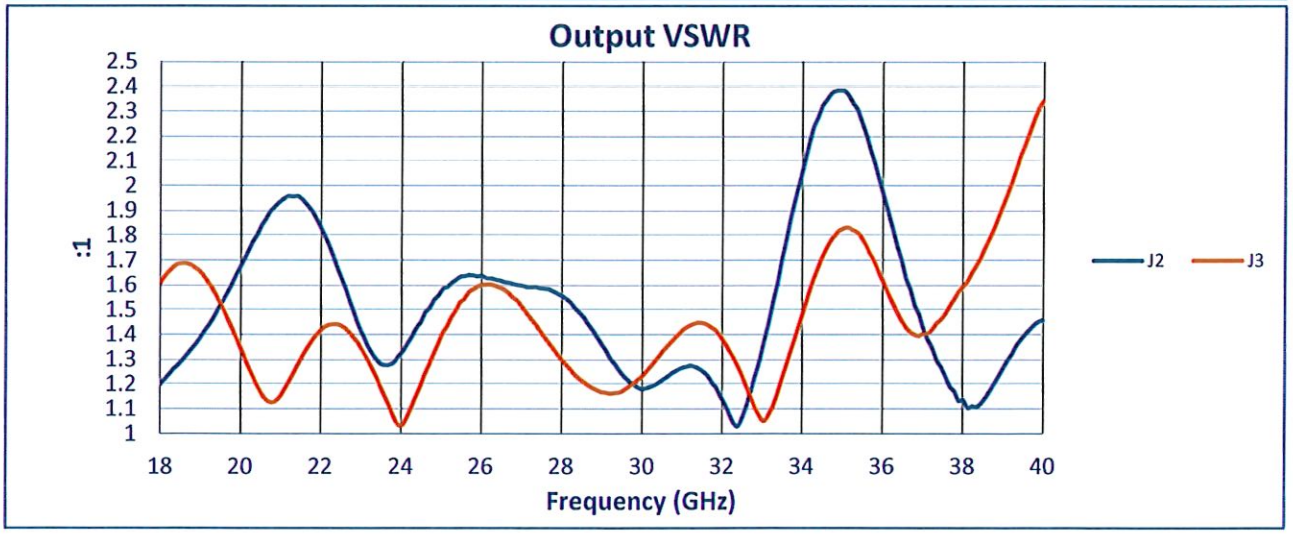
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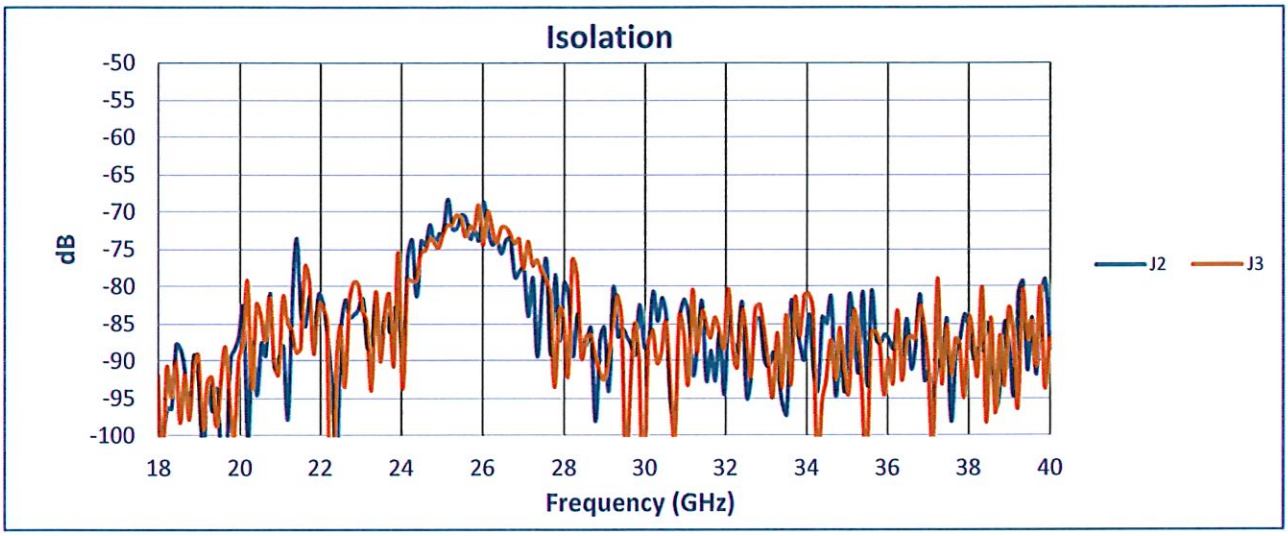


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