Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT10M20G

Customer: [redacted]
SO No: [redacted]
Model No: P1T-DC40G-65-T-292FF-1NS-OPT10M20G
Serial No: PL60566/2624

Tested By: Anuar P.
Temperature: 25°C
Date: 6/10/2026
Drawing No: 26925064 **Rev:** D1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	10 MHz to 20 GHz	**10 MHz to 20 GHz**	PMI QA6
2	Isolation	50 dB Min. 60 dB Typ.	**59.4 dB**	
3	Insertion Loss	5 dB Max. 4.5 dB Typ.	**4.07 dB**	
4	VSWR: In/Out	2.2:1 Max. 2.0:1 Typ.	**1.69:1 In** **1.78:1 Out**	
5	Operating Power CW	17 dBm Max	**Pass See Typical Characteristics**	
6	Switching Speed	7 ns Max. 6 ns Typ.	**Pass See Typical Characteristics**	
7	Rise/Fall Time	2 ns Max. 1 ns Typ.	**Pass See Typical Characteristics**	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	**Pass**	
9	Video Transients	85mV P-P @ 300MHz BW 2-18 GHz 15mV P-P @ 20MHz BW 2-18 GHz	**Pass See Typical Characteristics**	
10	Power Supply	8 to 15 V @ 15 mA Max -8 to -15 V @ 40 mA Max	**8 to 15 V @ 7 mA** **-8 to -15 V @ 27 mA**	PMI QA6

QA/QC Approval: Anthony Karoly PMI QA6 **Date:** 6/11/26

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

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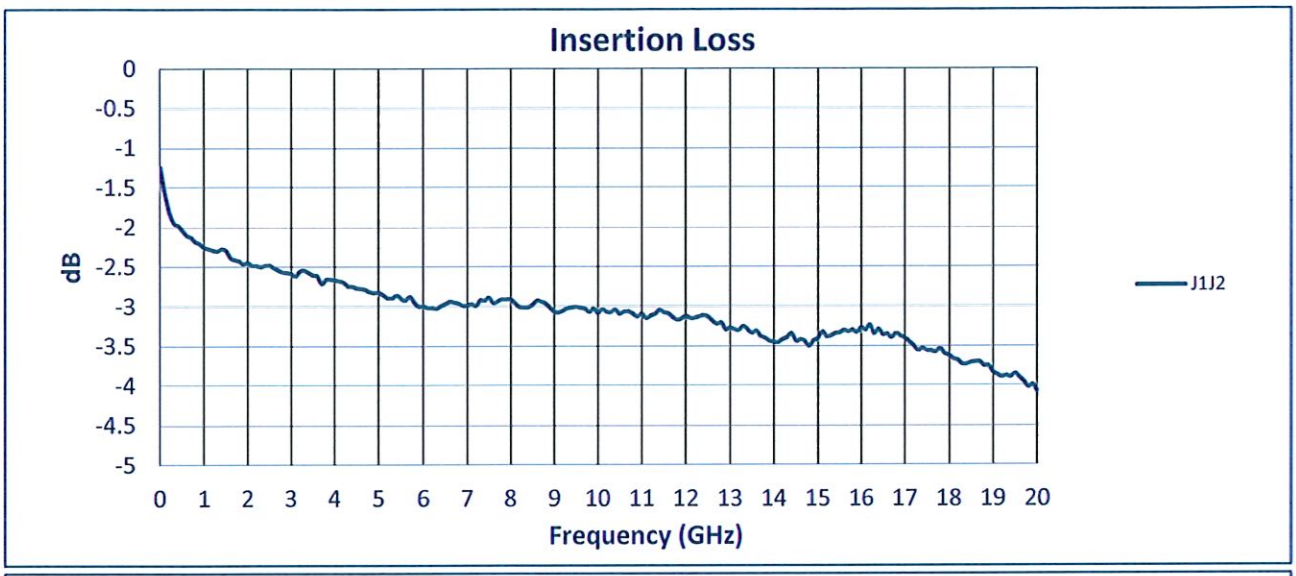

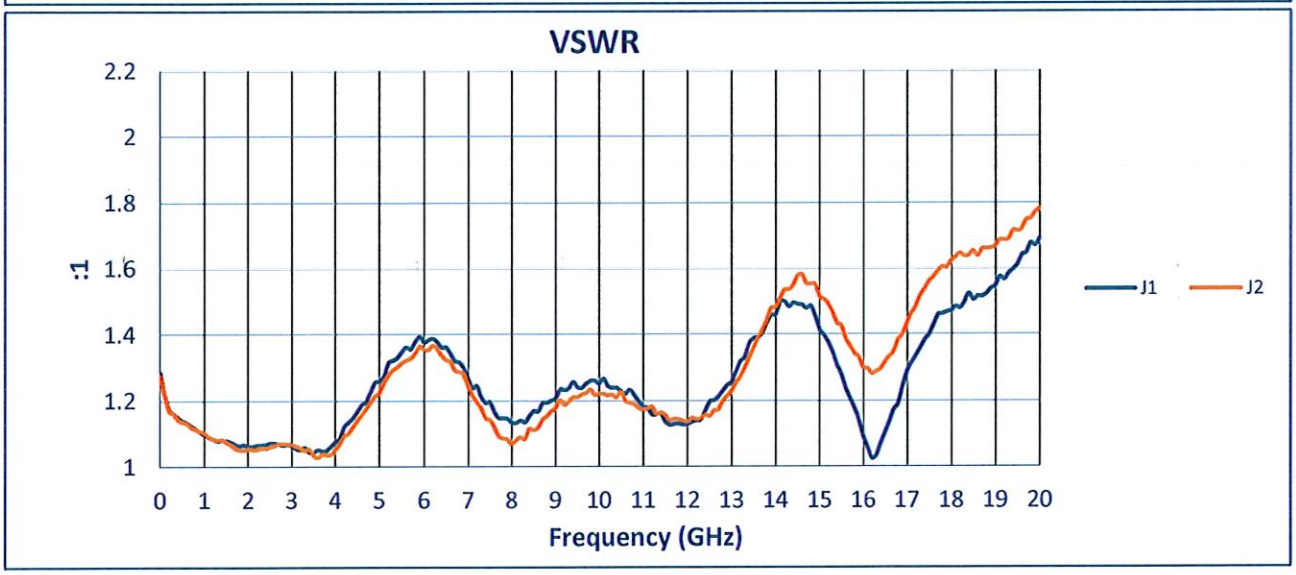

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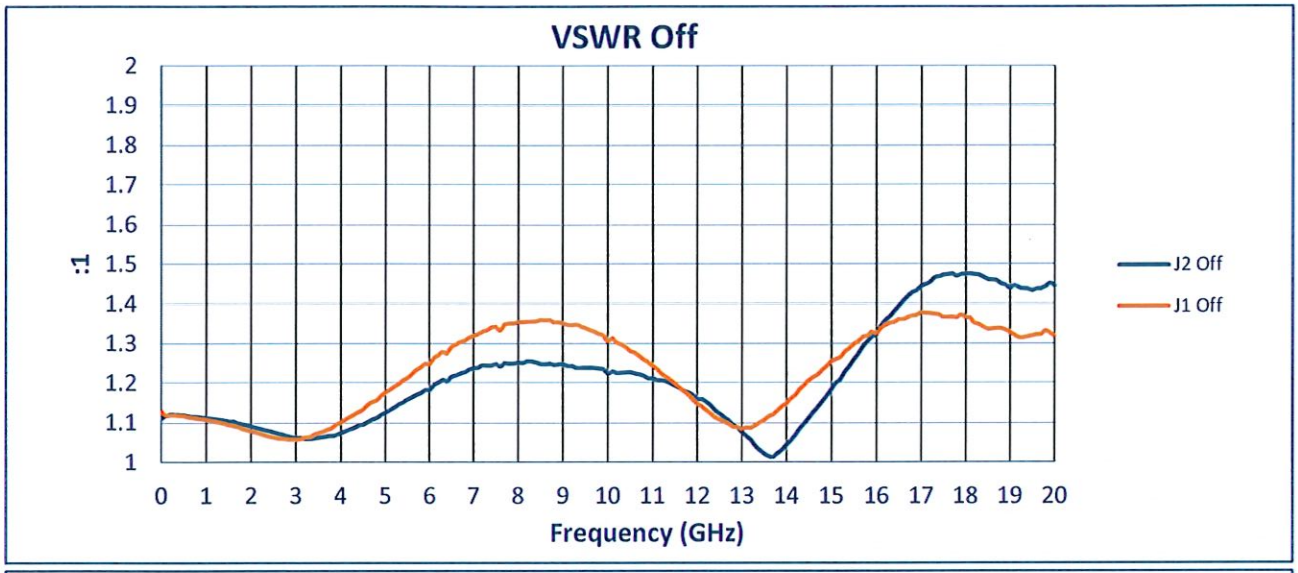

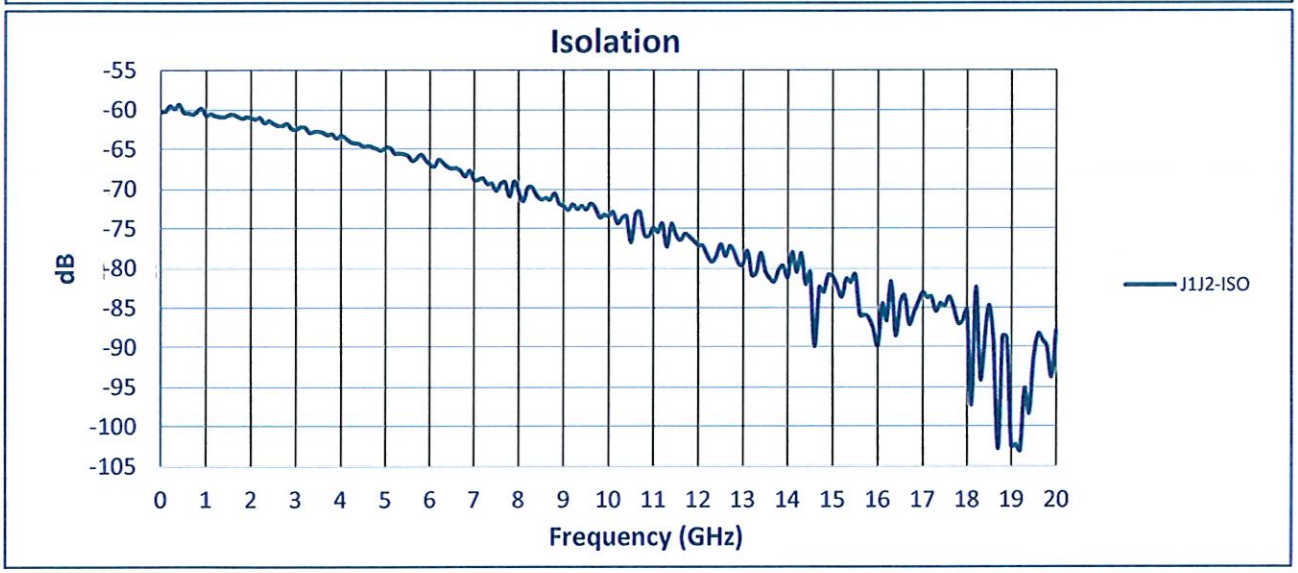

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