PL37942/2239

SUMMARY TEST DATA
ON
P2T-100M50G-100-512-T

Customer: [redacted]
SO No: [redacted]
Model No: P2T-100M50G-100-512-T
Serial No: PL37942/2239

Tested By: A. Lopez
Temperature: +25°C
Date: 9/27/2022
Drawing No: 26927764 **REV:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.1 to 50 GHz	**Spec 0.1 to 50 GHz**	PMI QA1
2	Insertion Loss:	4.5 dB (0.1 to 18 GHz) Max.	**2.85 dB**	
		6.0 dB (18 to 40 GHz) Max.	**5.27 dB**	
		8.5 dB (40 to 50 GHz) Max.	**7.41 dB**	
			See Graphs	
3	VSWR:	2.5:1 (0.1 to 18 GHz) Max.	**1.93 :1**	
		2.6:1 (18 to 40 GHz) Max.	**2.3 :1**	
		2.8:1 (40 to 50 GHz) Max.	**2.26 :1**	
			See Graphs	
4	Isolation:	85 dB (1 to 18 GHz) Min.	**86.61 dB**	
		85 dB (18 to 40 GHz) Min.	**85.12 dB**	
		70 dB (40 to 50 GHz) Min.	**79.72 dB**	
			See Graphs	
5	Input Power:	20 dBm CW Max.	**Pass See Typical Characteristics**	
6	Switching Speed:	50 ns Max.	**Pass See Typical Characteristics**	
7	Control Signal:	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	**Pass**	
8	DC Voltage:	+5 VDC @ 100 mA Max. -12 VDC @ 100 mA Max.	**+5 VDC @ 88 mA** **-12 VDC @ 58 mA**	PMI QA1

QA/QC Approval: PMI QA1 **Date:** 9/27/2022

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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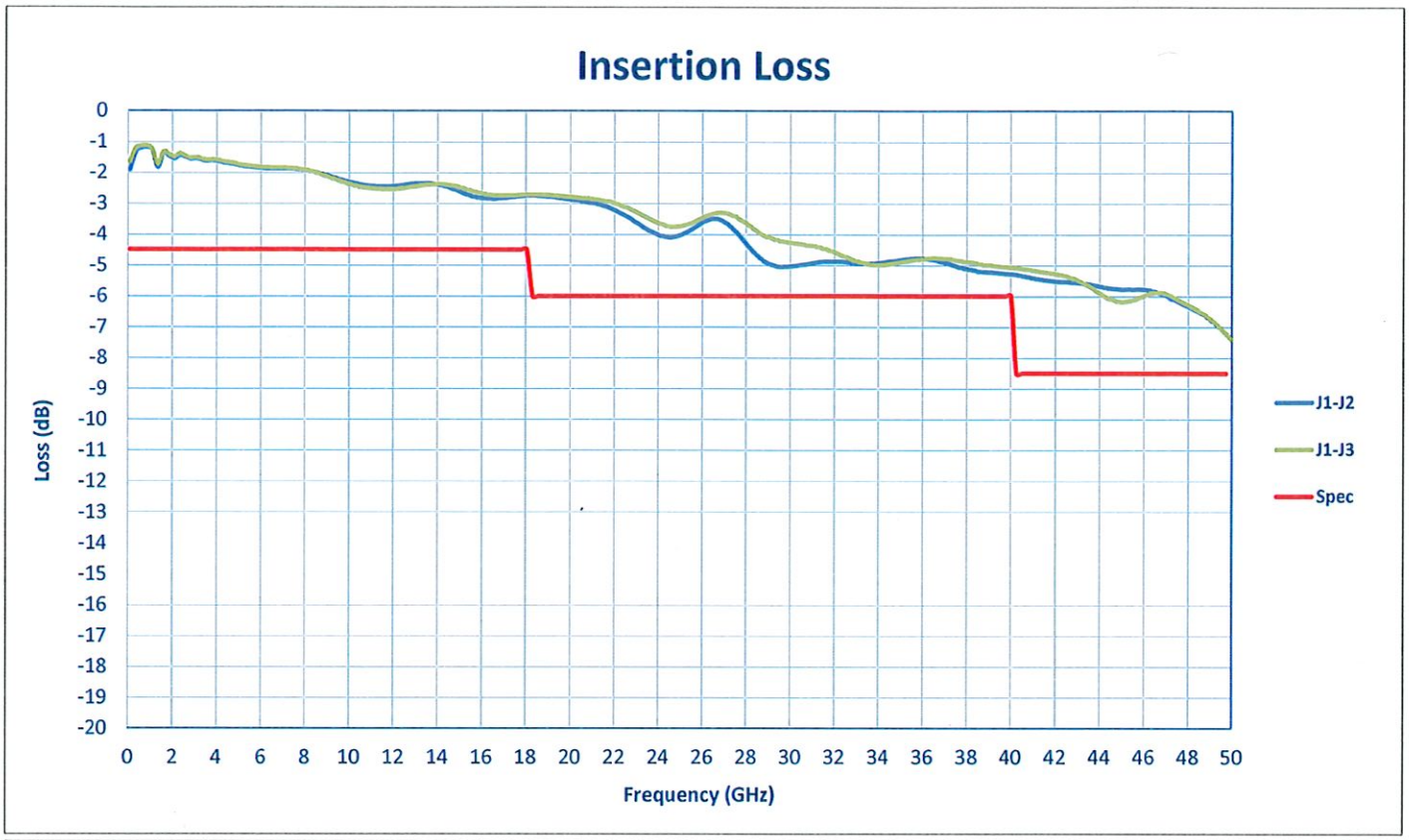

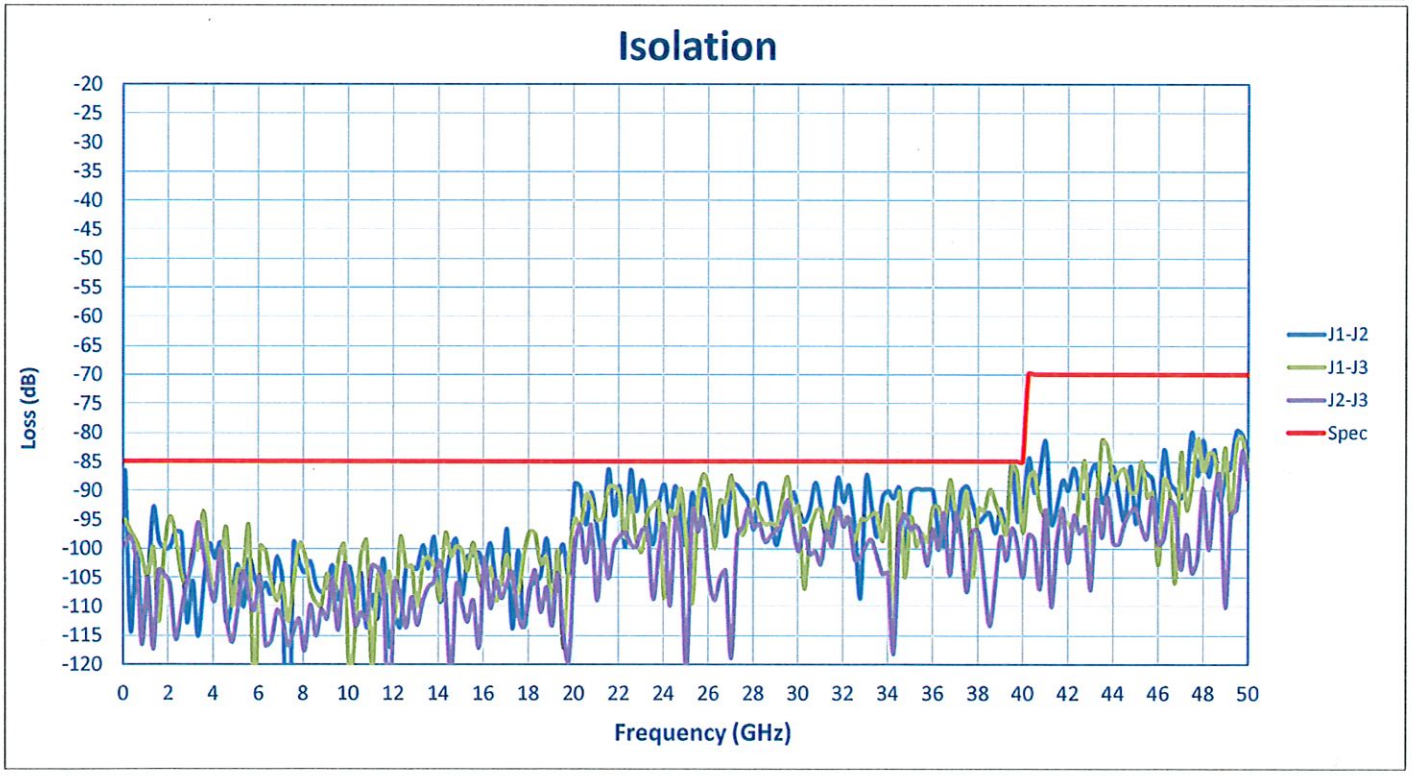

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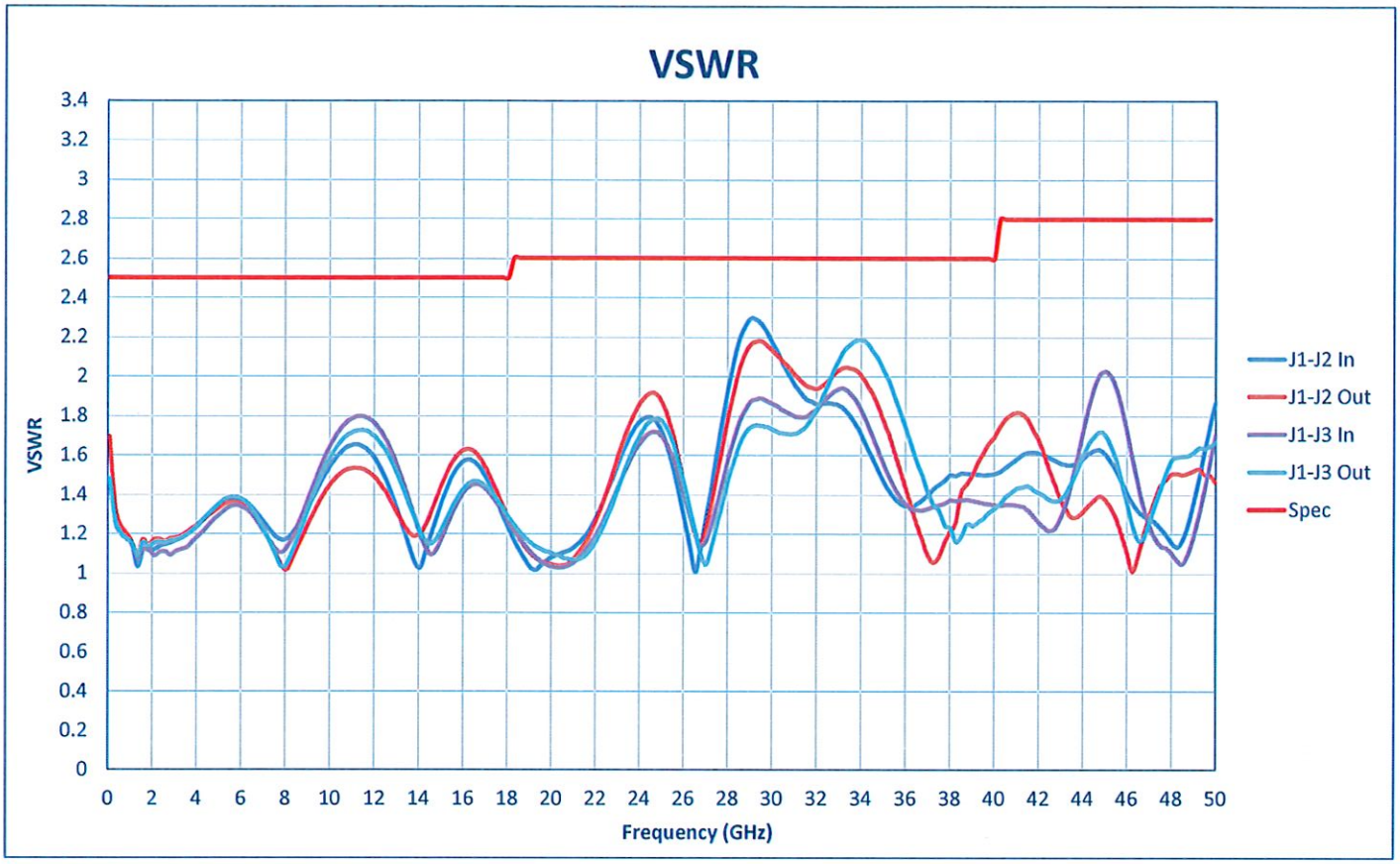

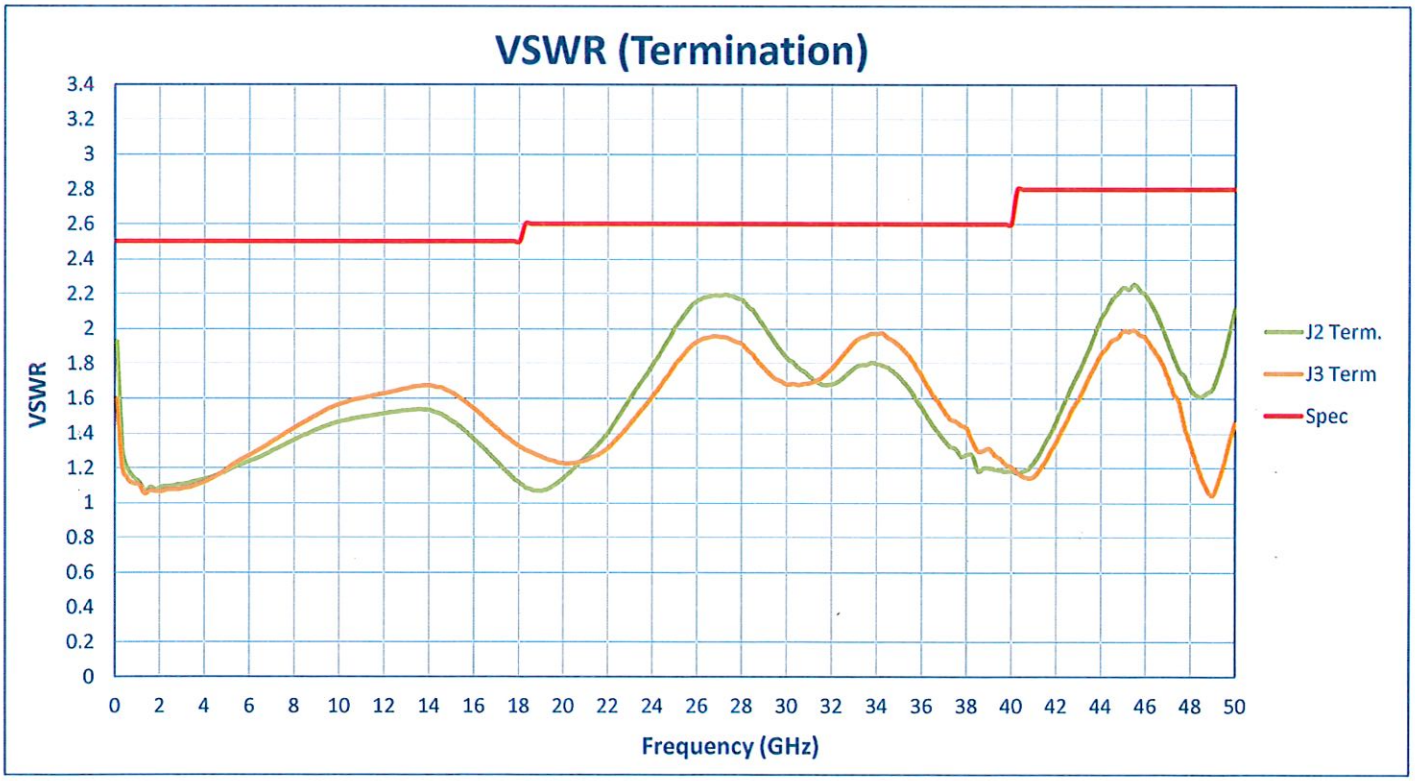

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