



**SUMMARY TEST DATA  
ON  
P4T-50M40G-55-T-292FF**

PL28071/2010

Customer:	Tested By: <u>L. McGraw</u>
SO No:	Temperature: <u>+25°C</u>
Model No: <u>P4T-50M40G-55-T-292FF</u>	Date: <u>03/02/20</u>
Serial No: <u>PL28071/2010</u>	Drawing No: <u>27618988</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	50MHz to 40GHz	50MHz to 40GHz	PMI QA1	
2	Insertion Loss:	8dB Max	6.5dB (See Plot)		
3	Isolation	55dB Min	60dB (See Plot)		
4	VSWR:	2.5:1 Max	2.5:1 (See Plot)		
5	Speed:	50% TTL to 10%/90% RF 85ns Typ, 100ns Max	<20ns See Typical Characteristics		
6	Input Power:	+20dBm CW	Pass +20dBm CW		
7	Survival Power:	0.5W CW, 5W Peak, 1us	Pass 0.5W CW, 5W Peak, 1us		
8	Control TTL	4 Line Independent Logic "0" = Insertion Loss Logic "1" = Isolation	Pass		
9	Power Supply:	+12 to +15VDC @ 150mA * -12 to -15VDC @ 100mA *	65mA 80mA		PMI QA1

\*Voltage Regulation & Reverse Bias Protection Included

QA/QC Approval:  PMI QA1 Date: 3/4/20

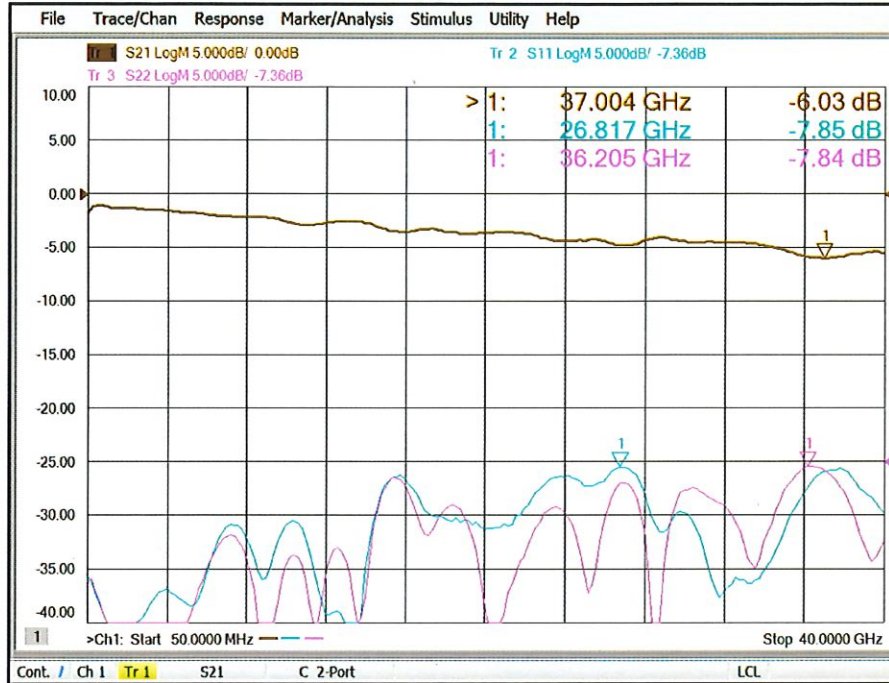
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



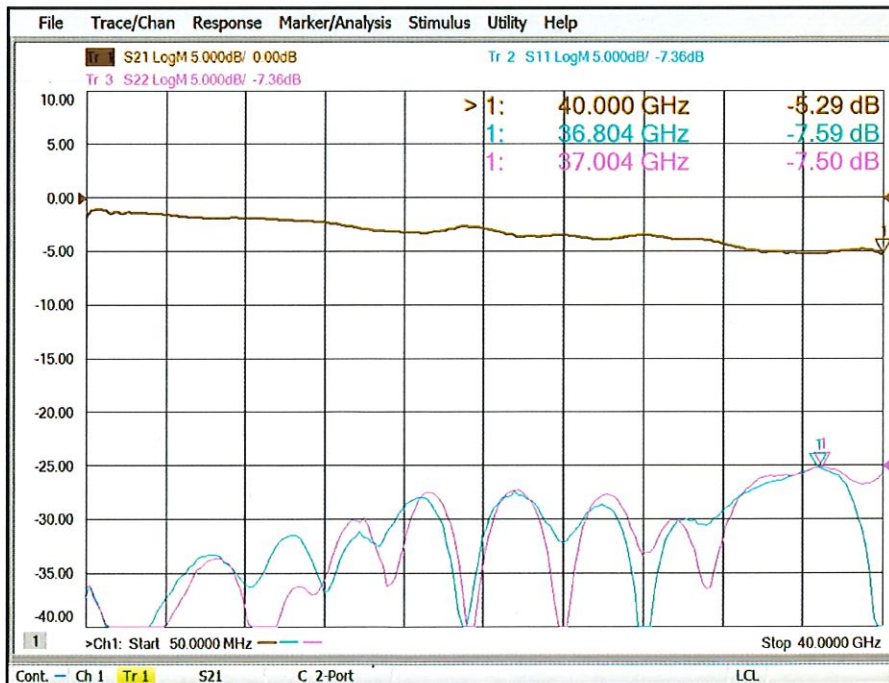
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## (J1-J2) Insertion Loss and Return Loss



## (J1-J3) Insertion Loss and Return Loss

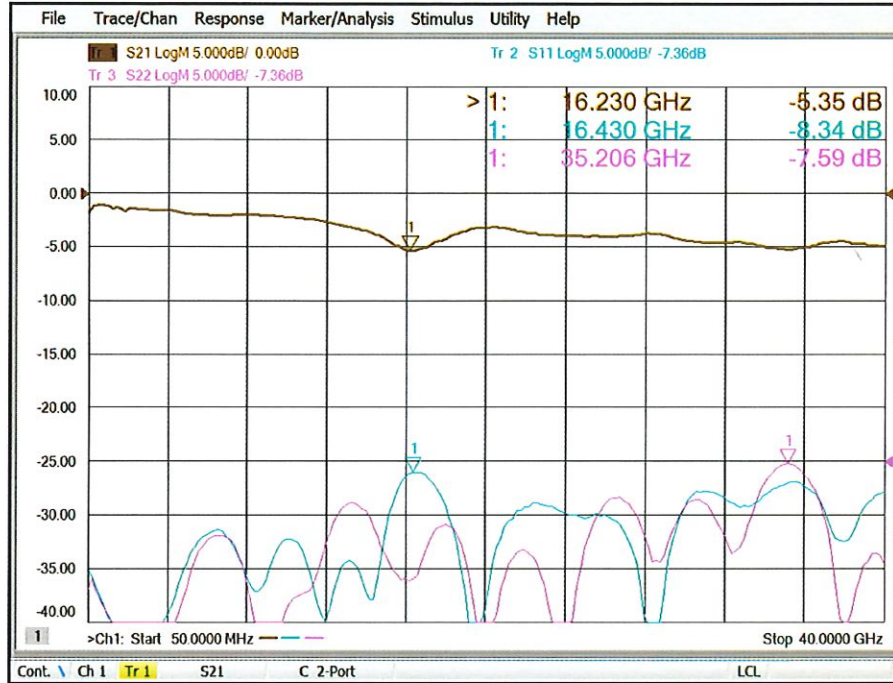




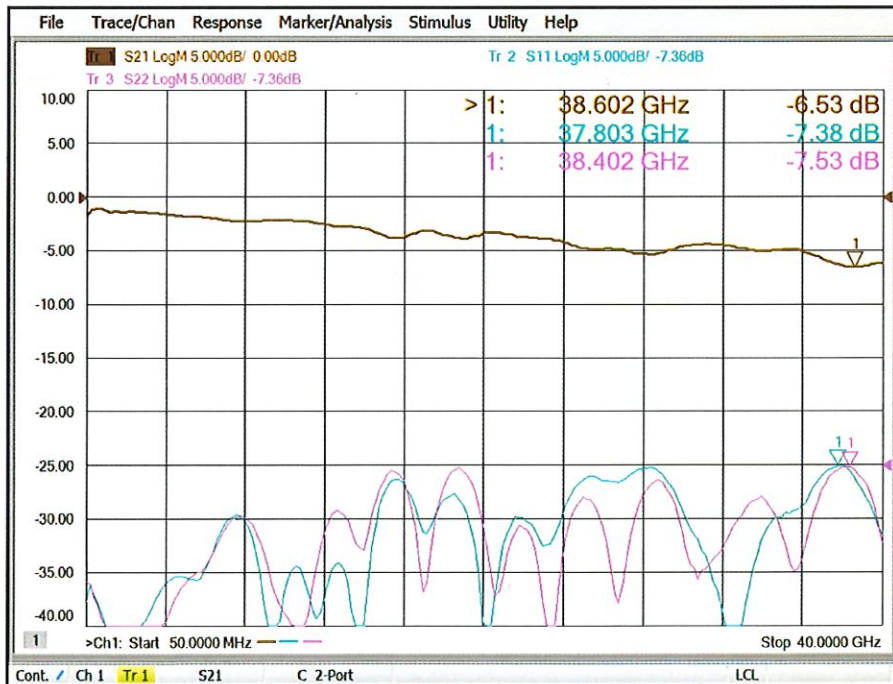
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**(J1-J4) Insertion Loss and Return Loss**



**(J1-J5) Insertion Loss and Return Loss**

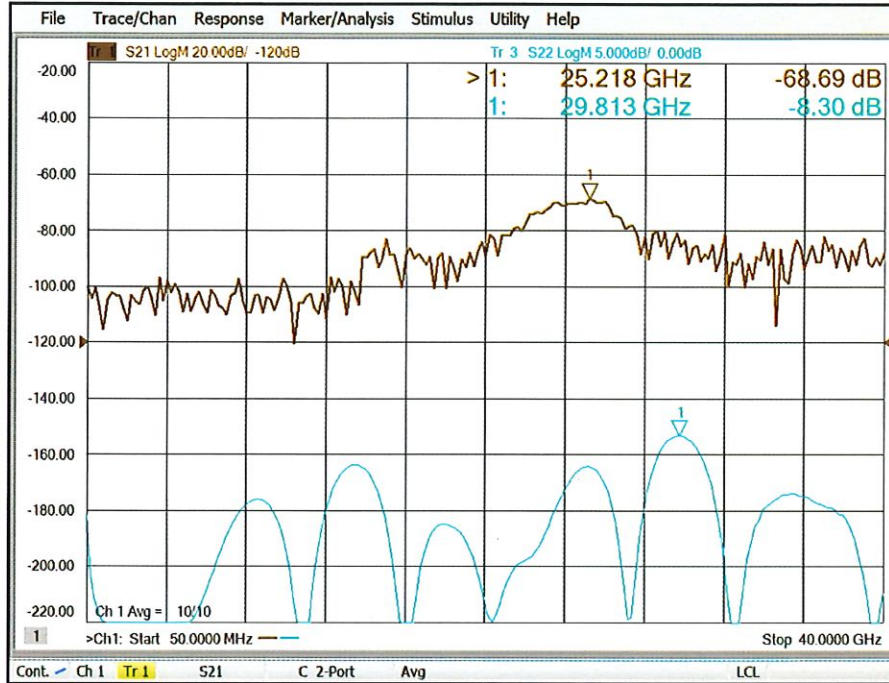




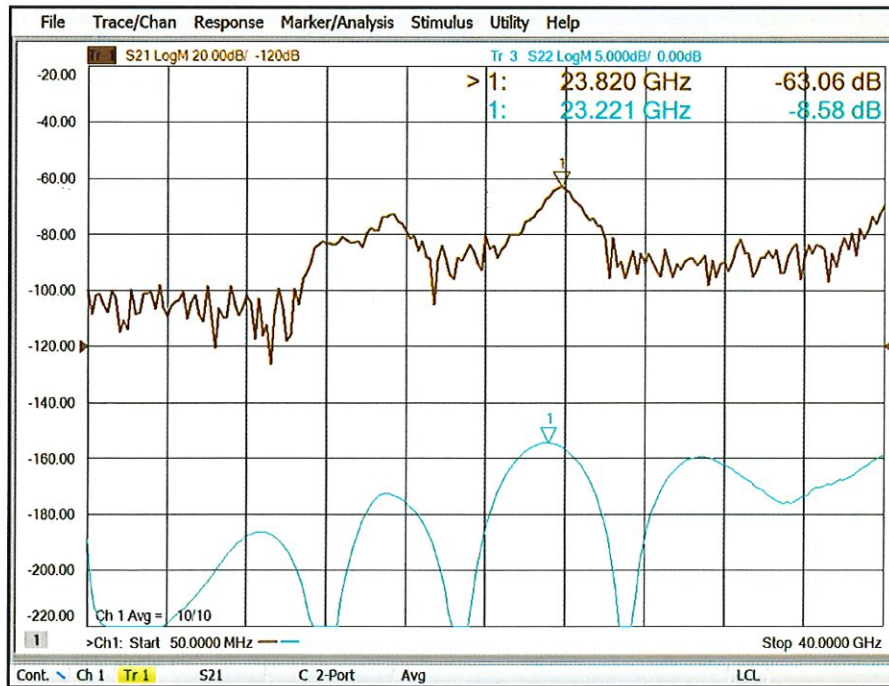
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## (J1 - J2) Isolation and Termination Return Loss



## (J1 - J3) Isolation and Termination Return Loss

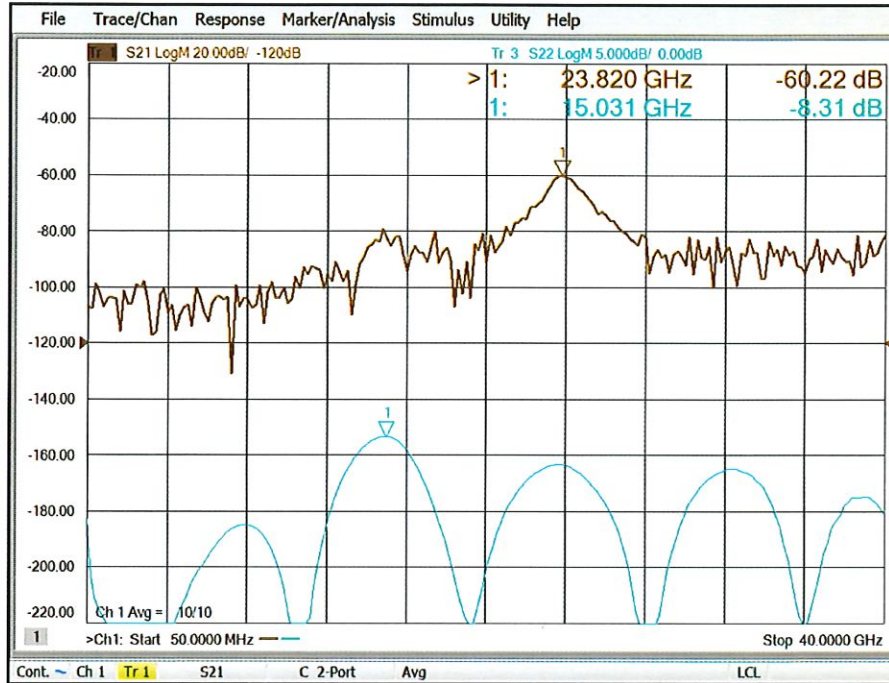




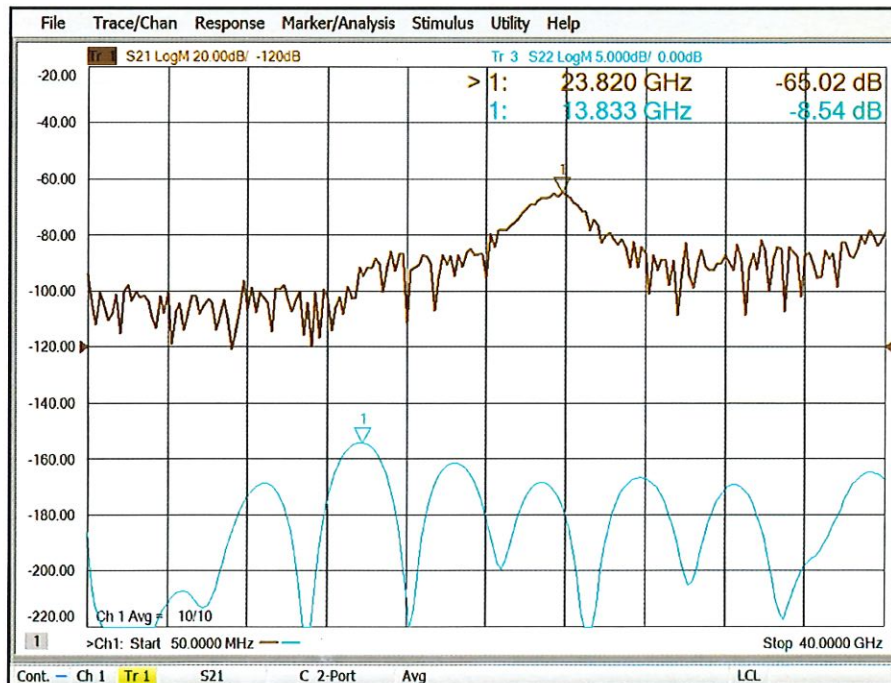
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## (J1 – J4) Isolation and Termination Return Loss



## (J1 – J5) Isolation and Termination Return Loss



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