



**SUMMARY TEST DATA
ON
P5T-100M1G-90-T-55-SFF**

PL22091/1805

Customer: _____	Tested By: <u>L. McGraw</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>P5T-100M1G-90-T-55-SFF</u>	Date: <u>02/01/18</u>
Serial No: <u>PL22091/1805</u>	Drawing No: <u>27614302</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	100 MHz TO 1.0 GHz	100 MHz TO 1.0 GHz (See Plots)	PMI QA 2
2	Insertion Loss:	2.5 dB Typ. 3.5 dB Max.	dB (See Plots)	
3	Isolation:	90 dB Min.	91.7dB (See Plots)	
4	VSWR : In/Out	2.0:1 Max	Input 1.4:1 Output 1.9:1 (See Plots)	
5	Input Power:	+20 dBm CW Max. (Operating)	Pass (See Typical Characteristics)	
6	Switching Speed:	50 ns Max.	25ns (See Typical Characteristics)	
7	DC Supply:	+5VDC @ 250 mA NOMINAL -5VDC @ 100 mA NOMINAL	+5VDC @ 69 mA -5 VDC @ 45mA	
8	Control Signal:	TTL "1" → (LOW LOSS) TTL "0" → (ISOLATION) PINS E1 thru E5 ARE PULLED LOW "0"	Pass	PMI QA 2

QA/QC Approval: PMI QA 2 Date: 2/2/18

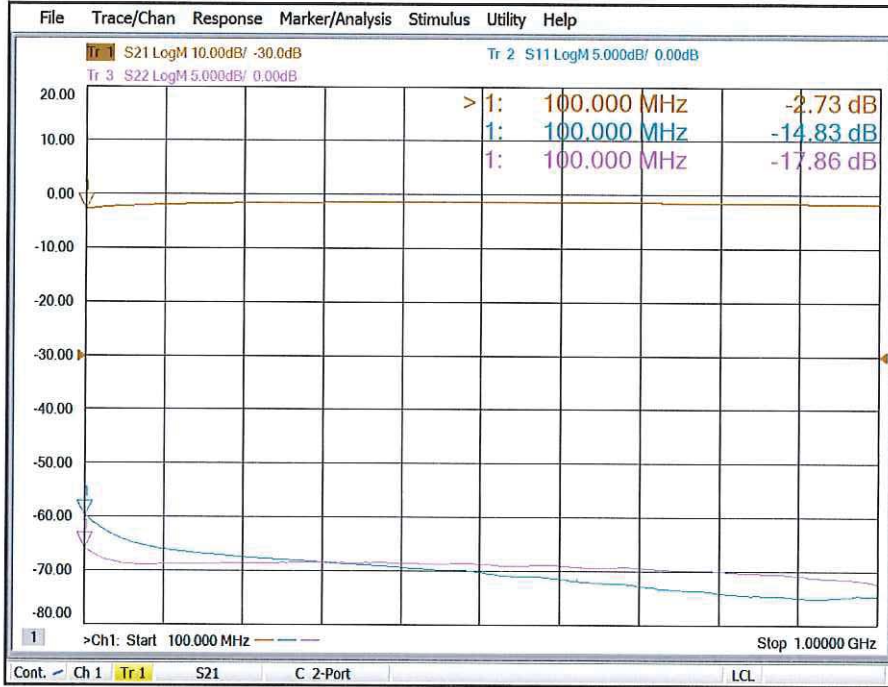
7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com



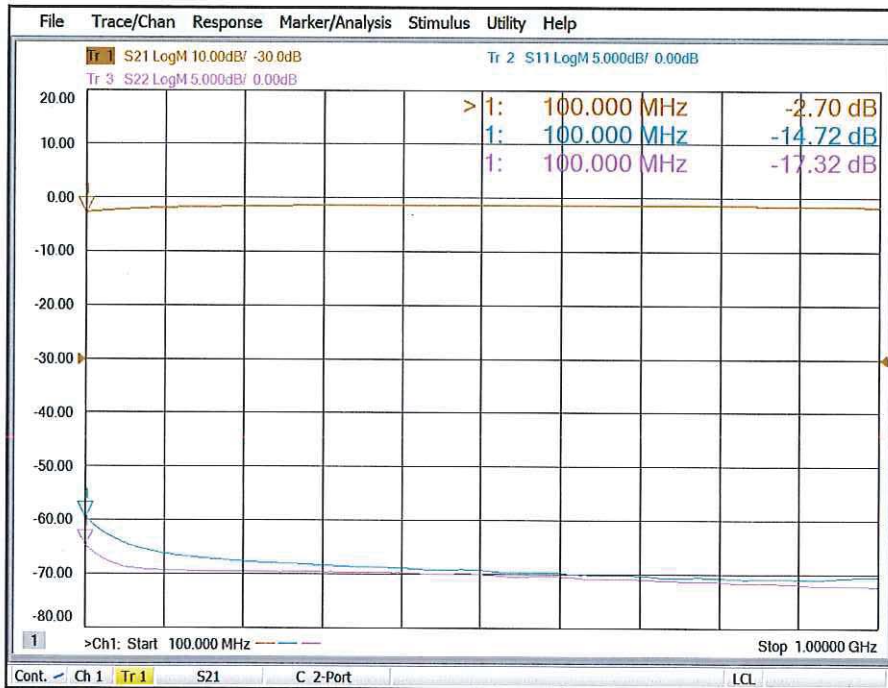
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss



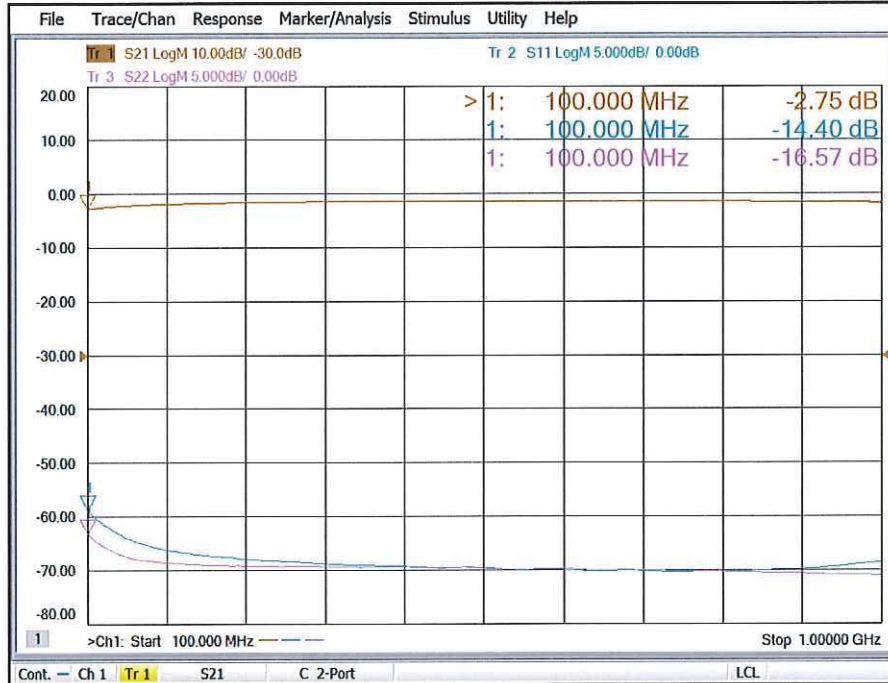
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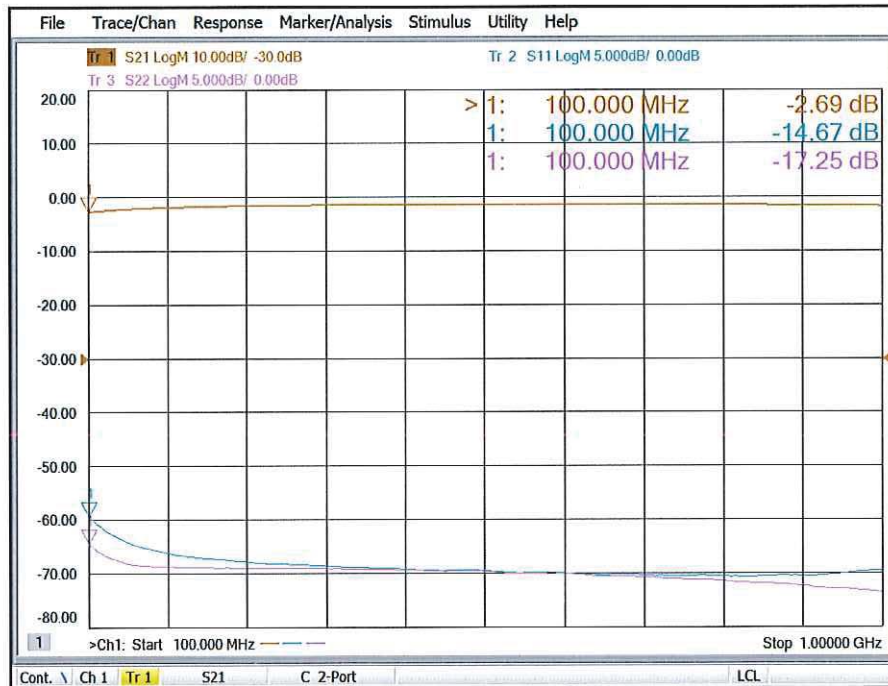
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(J1-J4) Insertion Loss and Return Loss



(J1-J5) Insertion Loss and Return Loss



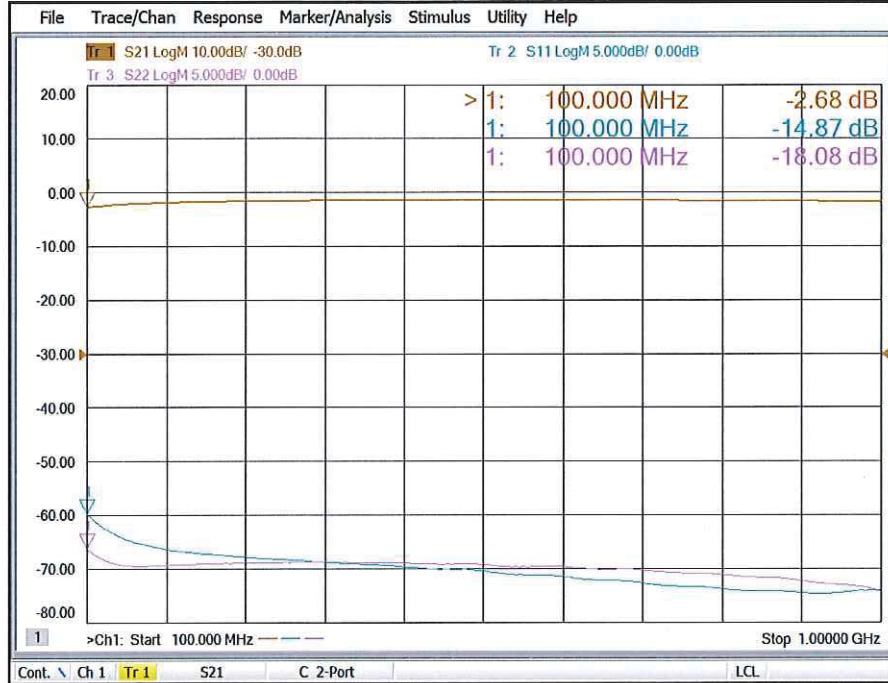
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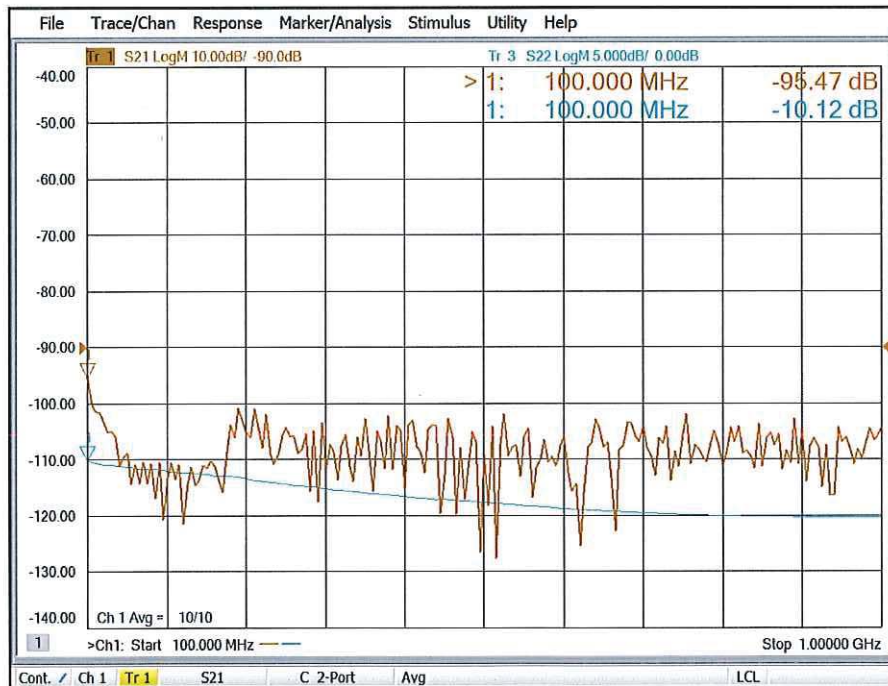
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(J1-J6) Insertion Loss and Return Loss



(J1-J2) Isolation and Return Loss



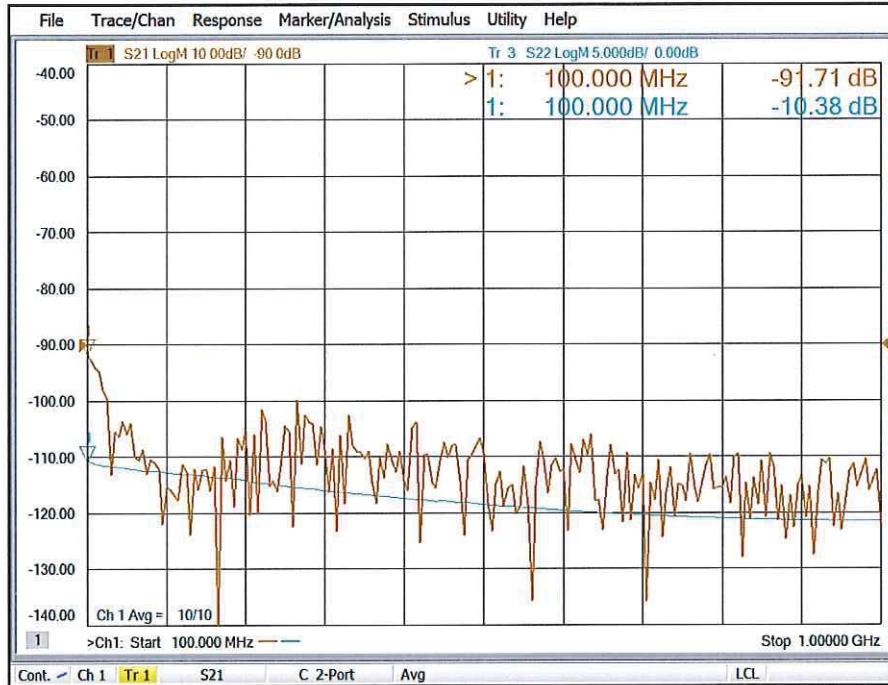
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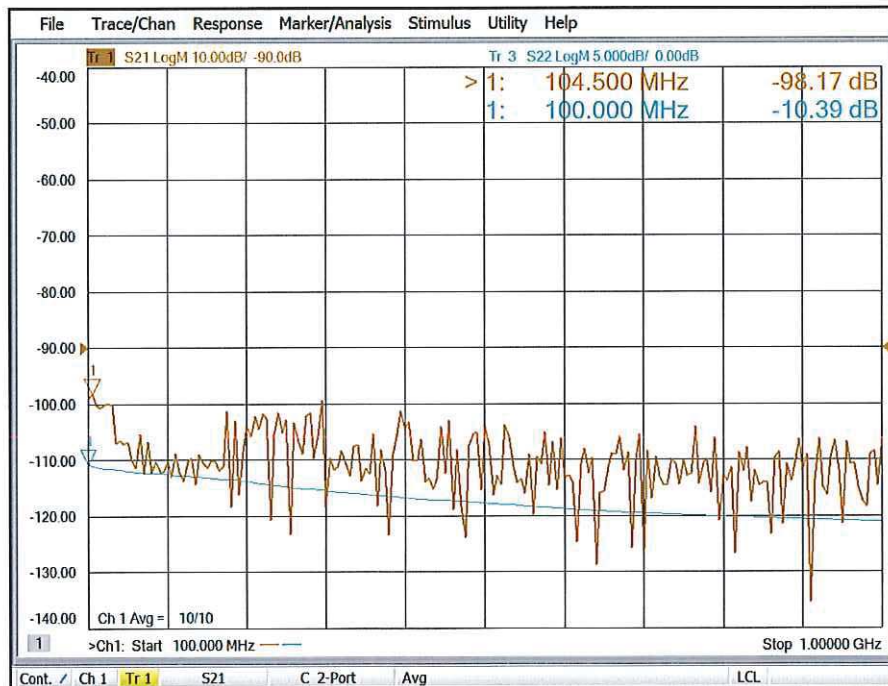
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(J1-J3) Isolation and Return Loss



(J1-J4) Isolation and Return Loss



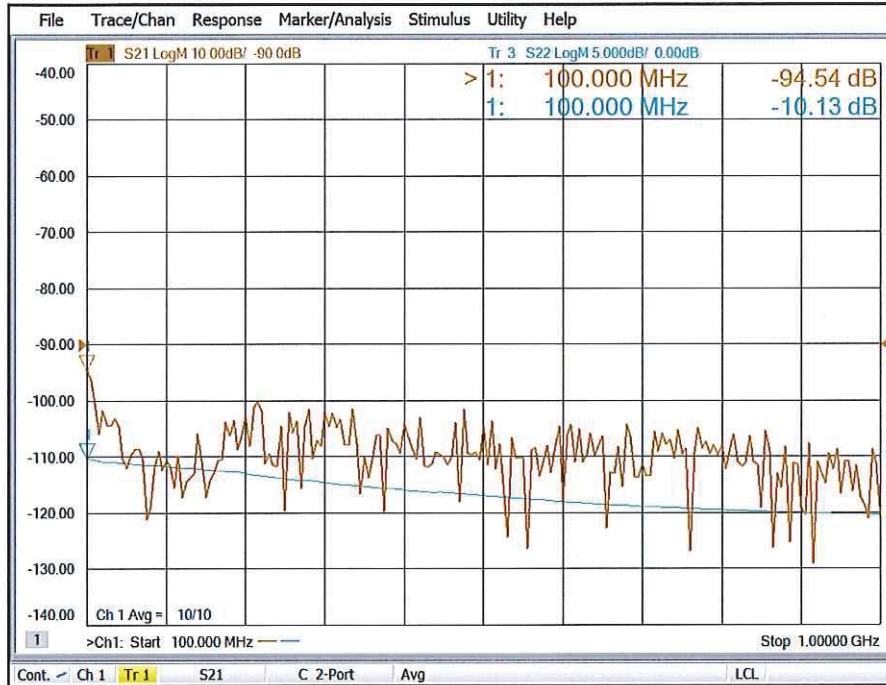
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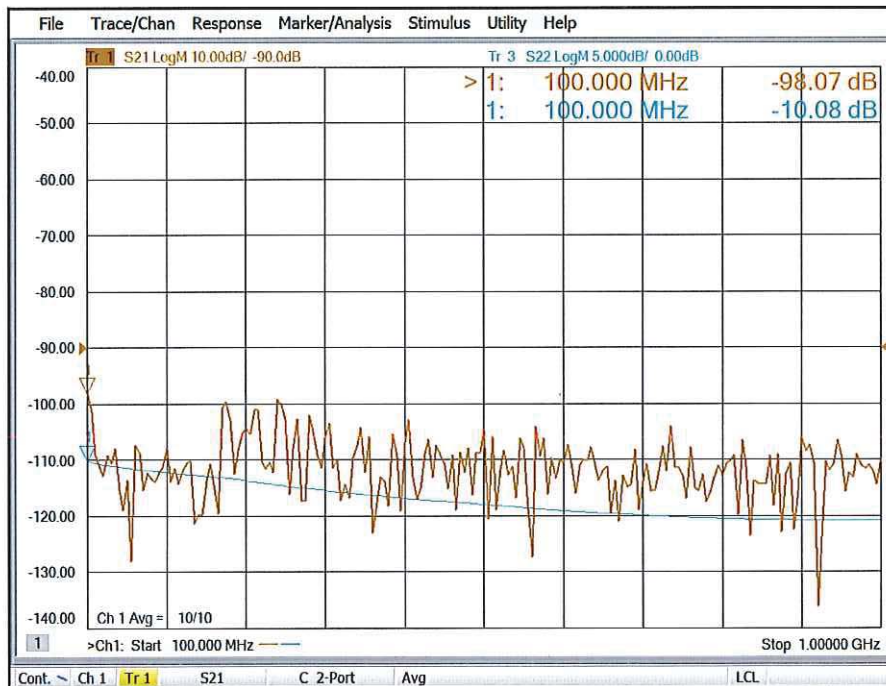
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(J1-J5) Isolation and Return Loss



(J1-J6) Isolation and Return Loss



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