

**SUMMARY TEST DATA  
ON  
P8T-500M40G-50-R-55-292FF**

Customer: \_\_\_\_\_ Tested By: L. McGraw  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: P8T-500M40G-50-R-55-292FF Date: 10/30/2019  
 Serial No: PL92550 Drawing No: 27627702 Rev: A1

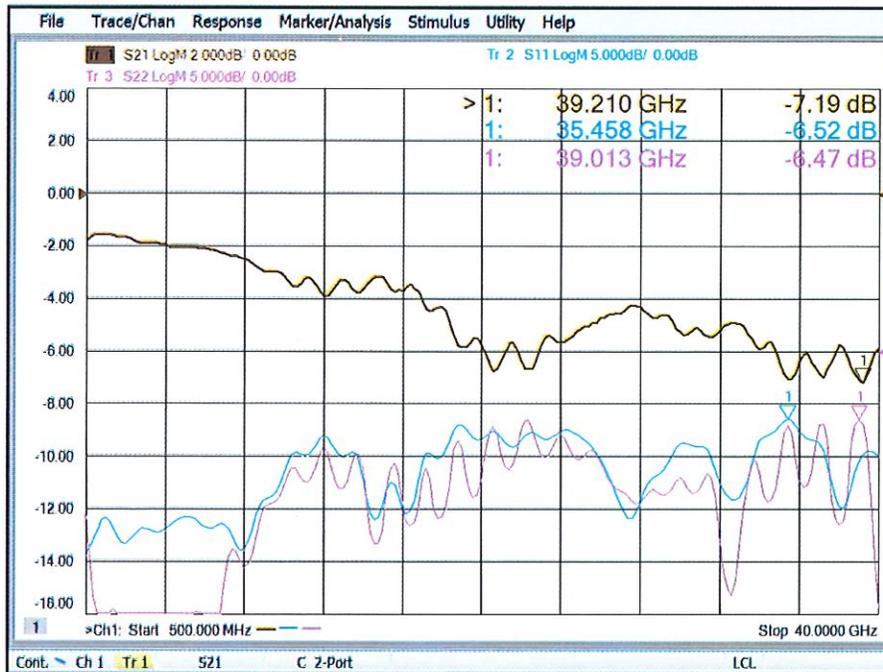
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.5 – 40 GHz	0.5 – 40 GHz See Plot	PMI QA1
2	Insertion Loss:	9 dB Typ.	7.2dB See Plot	
3	Isolation:	45 dB Min.	48dB See Plot	
4	VSWR : In/Out	3.0:1 Typ	Input 2.8:1 Output 2.9:1 See Plot	
5	Switching Speed:	50 ns Typ.	30ns See Typical Characteristics	
6	Operating Input Power:	+20dBm CW	Pass	
7	DC Supply:	+5VDC @ 100 mA Typ -5VDC @ 50 mA Typ	+5VDC @ 68mA -5VDC @ 10mA	
8	Control Signal:	EIGHT LINE TTL: "0" ISOLATION "1" INSERTION LOSS E1: J1-J2 E2: J1-J3 E3: J1-J4 E4: J1-J5 E5: J1-J6 E6: J1-J7 E7: J1-J8 E8: J1-J9	Pass	PMI QA1

QA/QC Approval:  PMI QA1 Date: 10/30/19

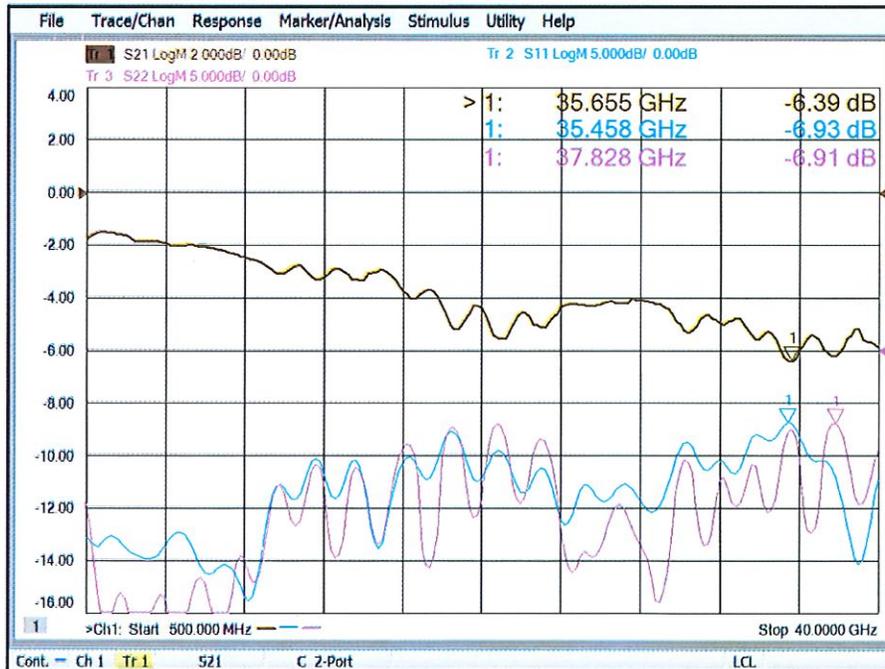
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

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

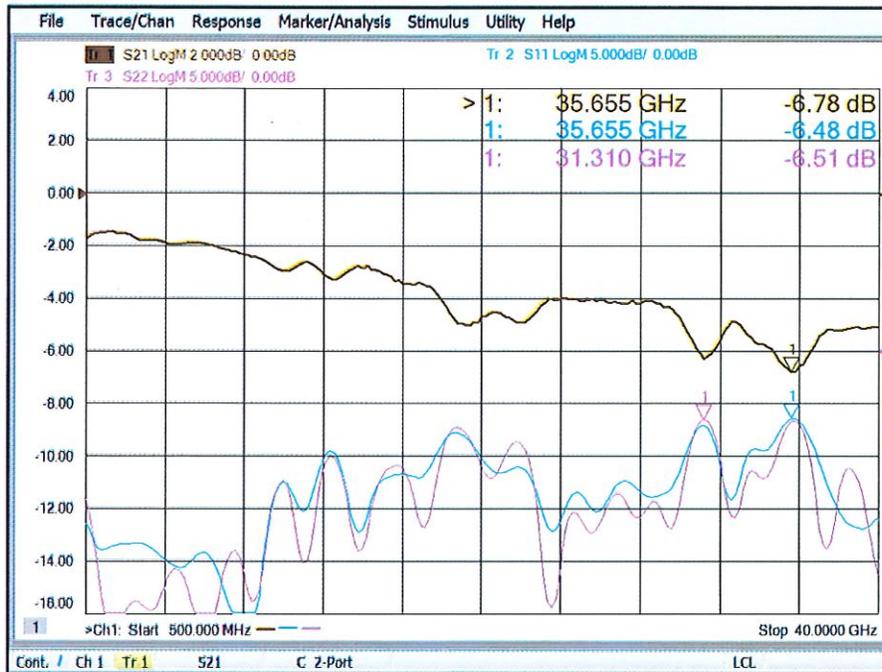


**(J1-J3) Insertion Loss and Return Loss**

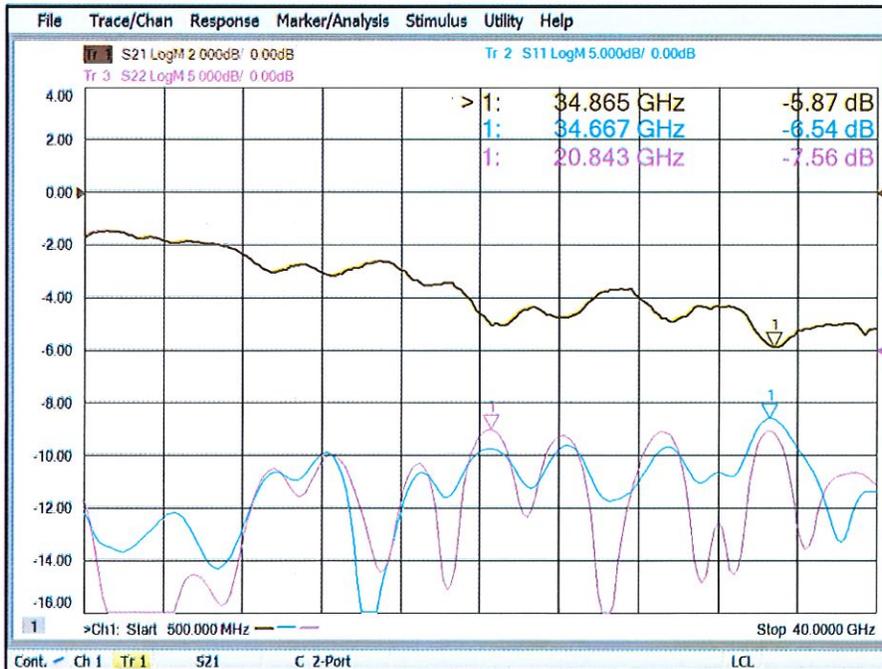


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**(J1-J4) Insertion Loss and Return Loss**

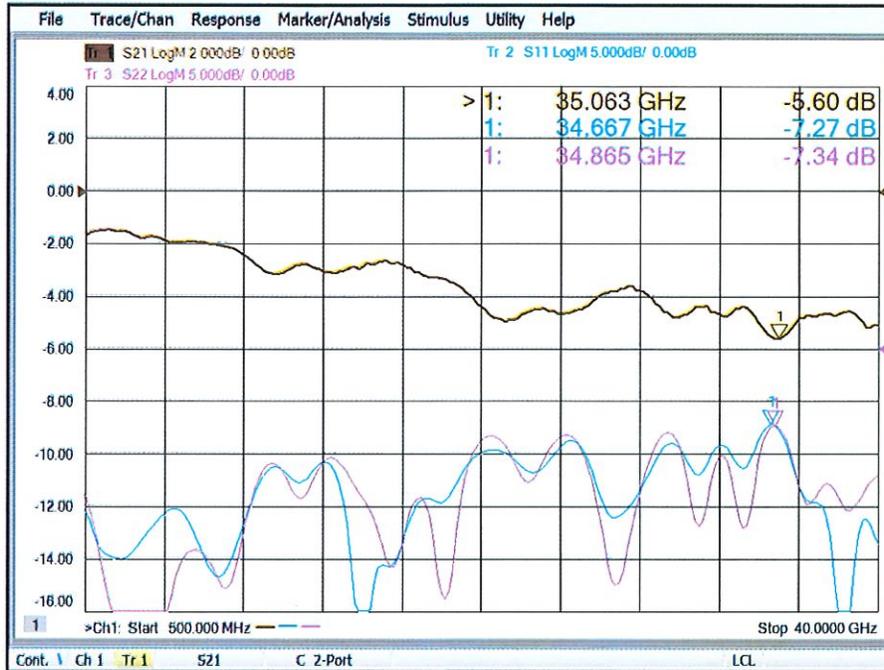


**(J1-J5) Insertion Loss and Return Loss**



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**(J1-J6) Insertion Loss and Return Loss**

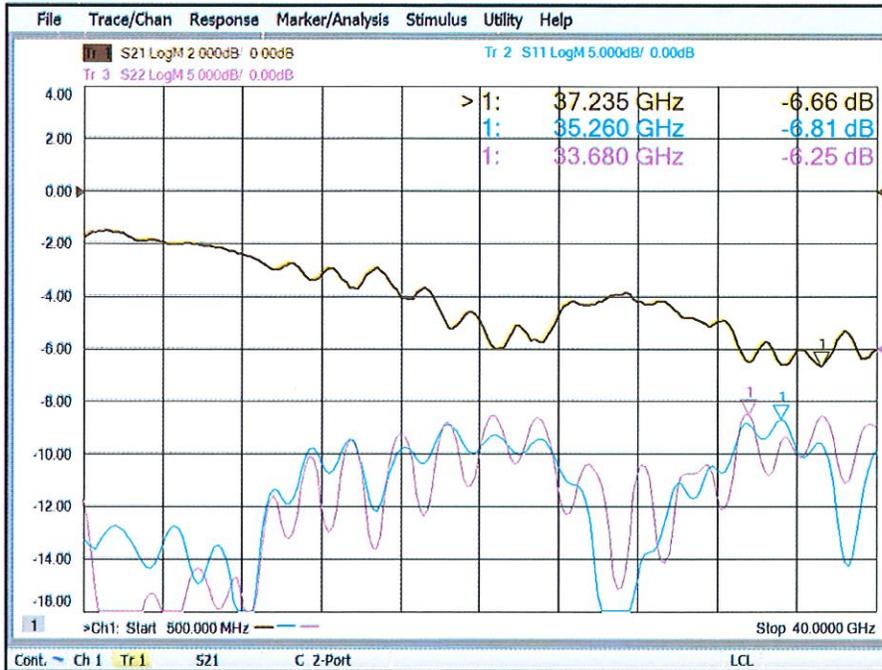


**(J1-J7) Insertion Loss and Return Loss**

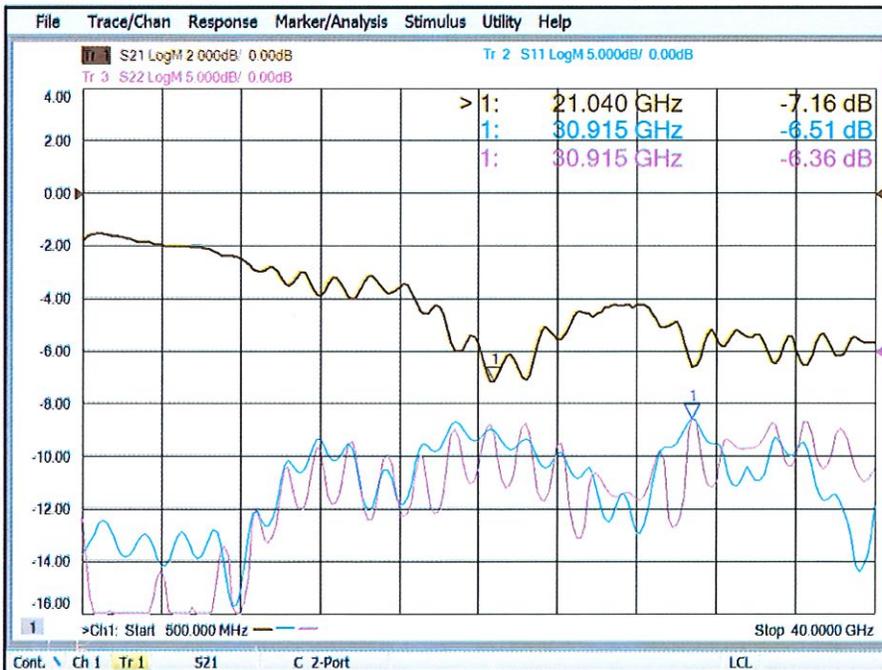


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**(J1-J8) Insertion Loss and Return Loss**



**(J1-J9) Insertion Loss and Return Loss**

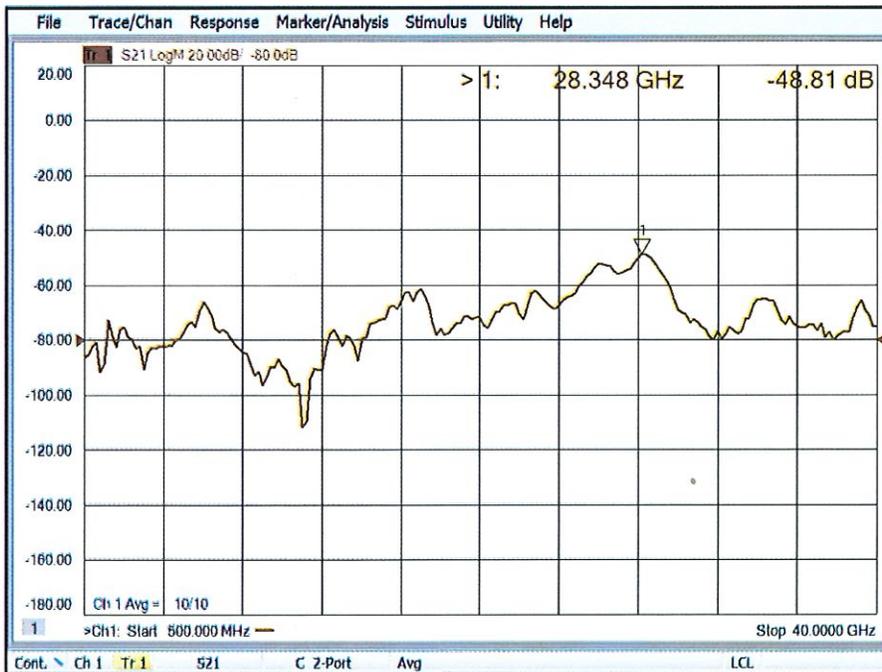


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**(J1 – J2) Isolation**

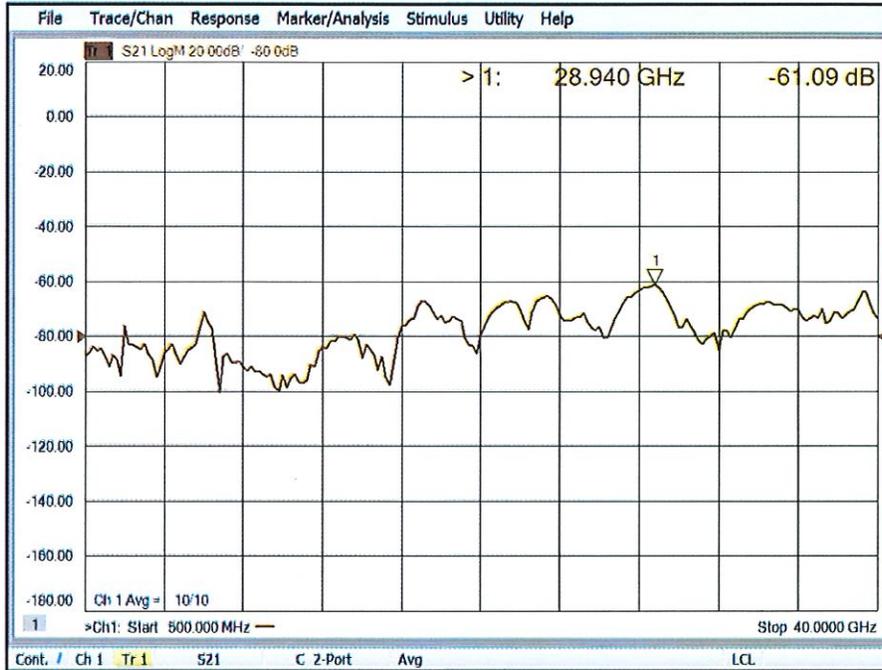


**(J1 – J3) Isolation**



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**(J1 – J4) Isolation**

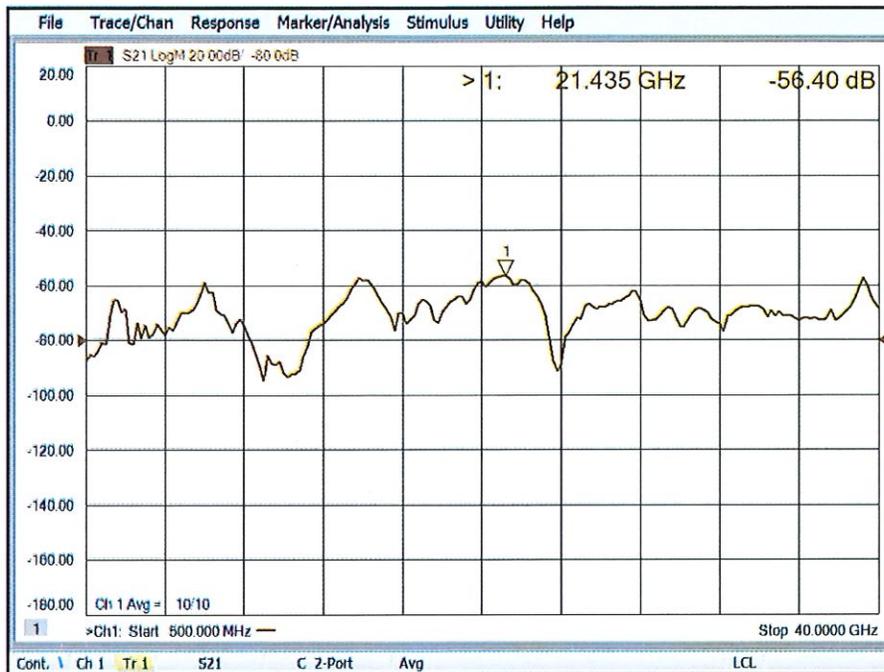


**(J1 – J5) Isolation**

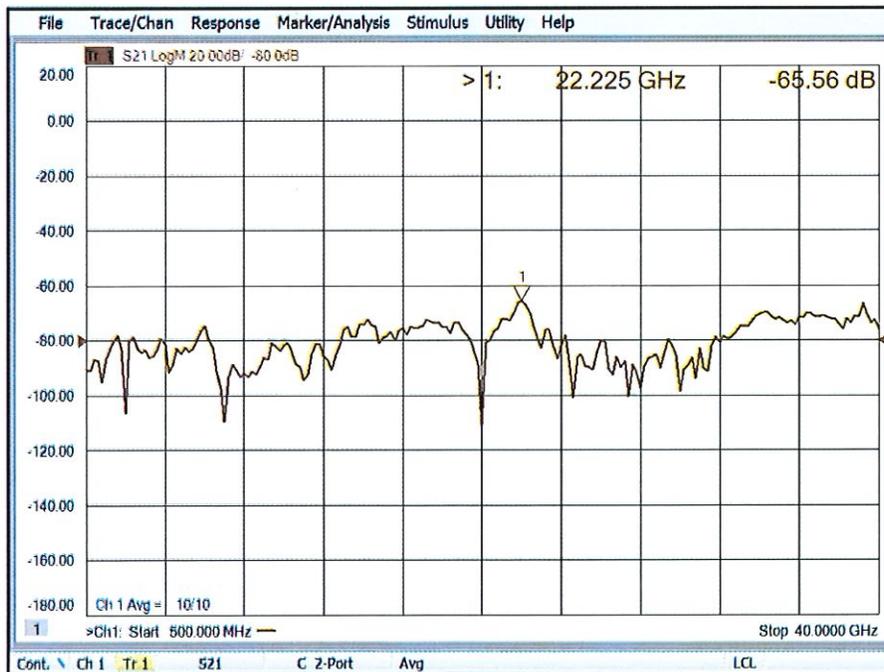


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**(J1 – J6) Isolation**



**(J1 – J7) Isolation**



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**(J1 – J8) Isolation**



**(J1 – J9) Isolation**

