



SUMMARY TEST DATA
ON
P4T-500M40G-60-T-55-292FF-SP
Rev. B

PL28576/2014

Customer: _____ Tested By: L. McGraw
 SO No: _____ Temperature: +25°C
 Model No: P4T-500M40G-60-T-55-292FF-SP Rev. B Date: 03/30/20
 Serial No: PL28576/2014 Drawing No: 27613629-B Rev: B2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.5 – 40 GHz	0.5 – 40 GHz	PMI QA1	
2	Insertion Loss:	8.0 dB Max.	5.6dB (See Plot)		
3	Isolation:	60 dB Min.	67dB (See Plot)		
4	VSWR : In/Out	2.5:1 Max. 2.0:1 Typ.	2.4:1 (See Plot)		
5	Input Power:	+20 dBm CW Max.	Pass		
6	Survival Power:	1W Peak 1us	Pass		
7	RF Switching Speed:	Rise/Fall : 15 ns Max. Delay On/Off : 50 ns Max.	11 ns 41 ns See Typical Characteristics		
8	DC Supply:	+5VDC @ 250 mA Max. -5VDC @ 100 mA Max.	130 mA 70 mA		PMI QA1

CONTROL SIGNAL

E1	E2	Function
0	0	J1 – J2 “Low Loss”
0	1	J1 – J3 “Low Loss”
1	0	J1 – J4 “Low Loss”
1	1	J1 – J5 “Low Loss”

QA/QC Approval: *[Signature]* **PMI QA1** Date: 3/30/20

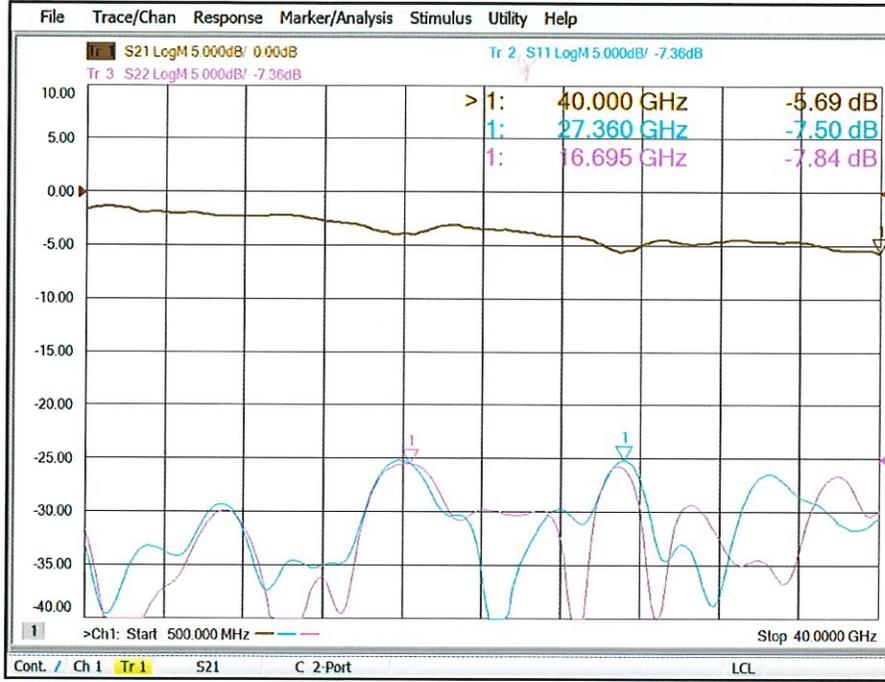
7311-F₂ Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@pmi-rf.com



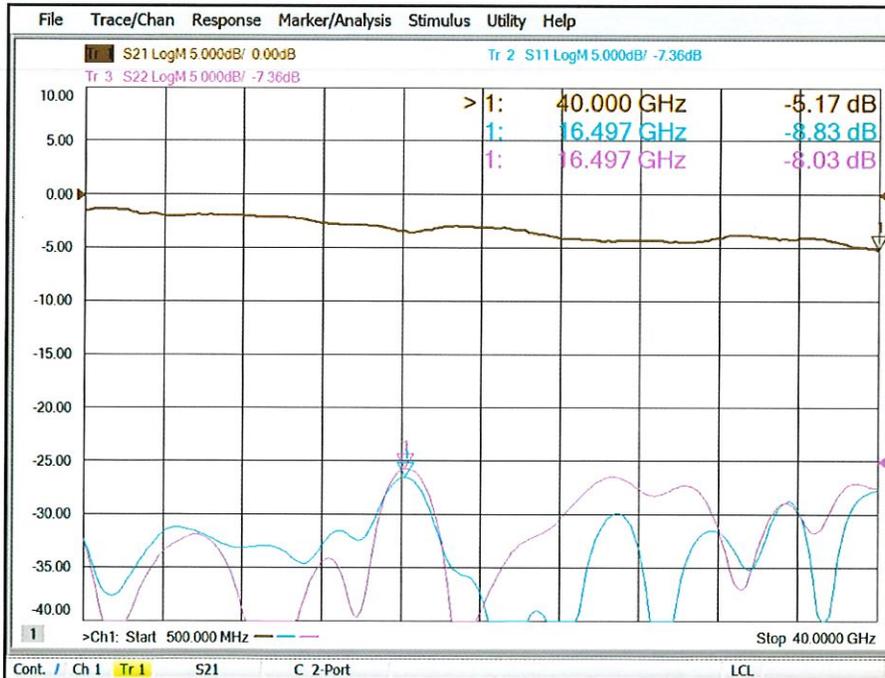
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(J1 – J2) Insertion Loss and Return Loss



(J1 – J3) Insertion Loss and Return Loss

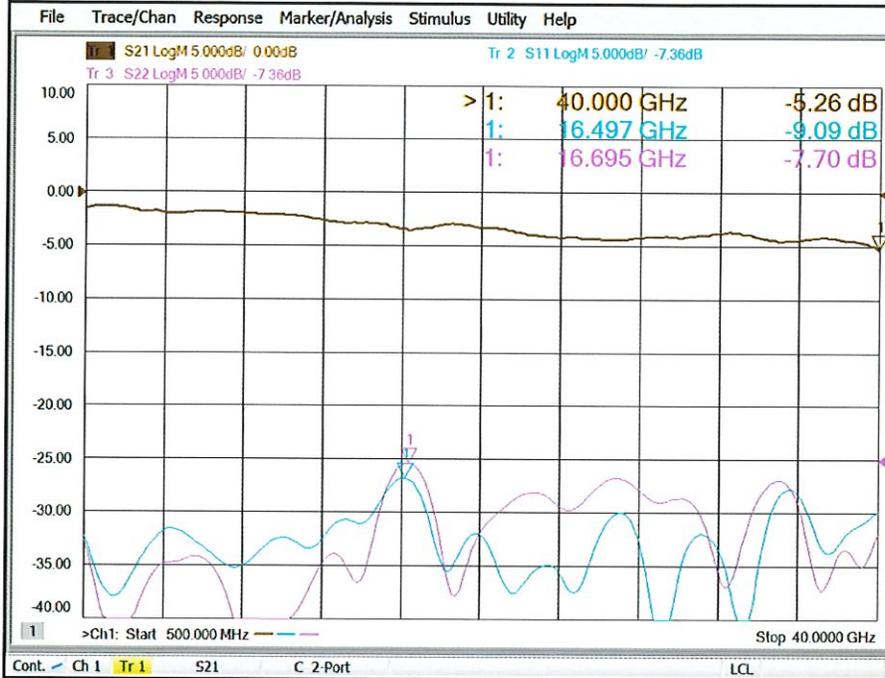




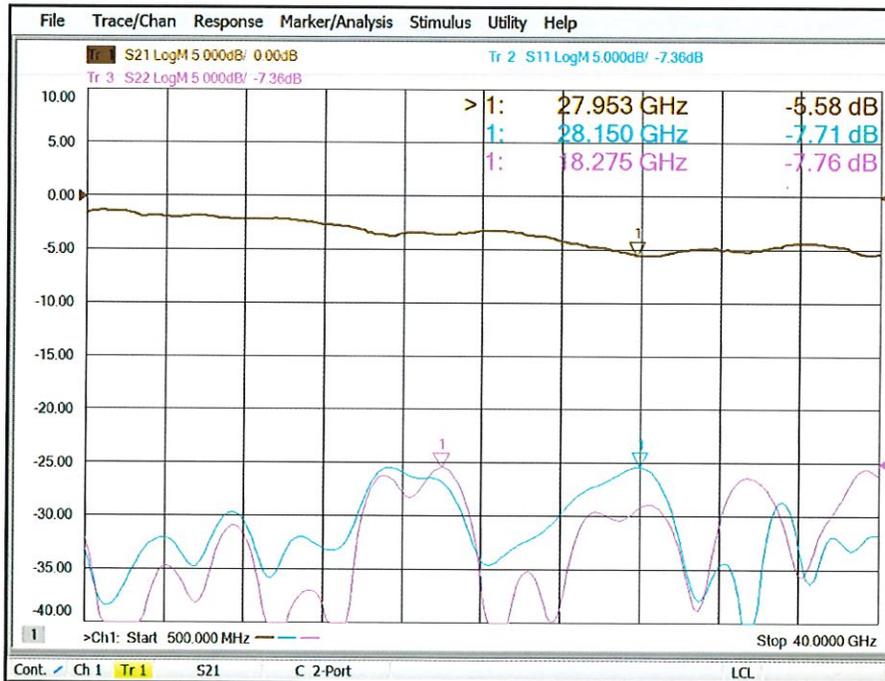
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(J1 – J4) Insertion Loss and Return Loss



(J1 – J5) Insertion Loss and Return Loss

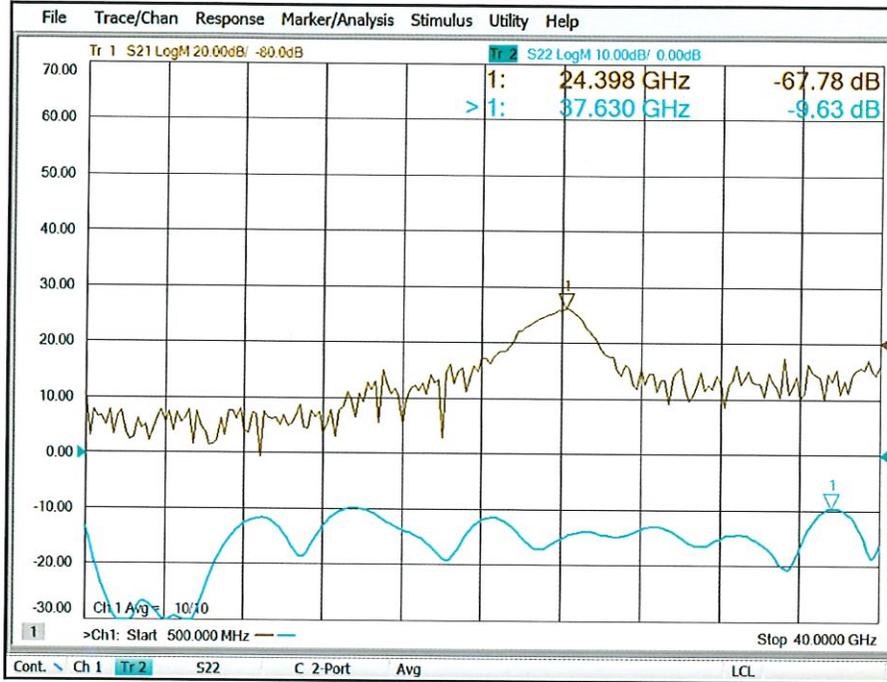




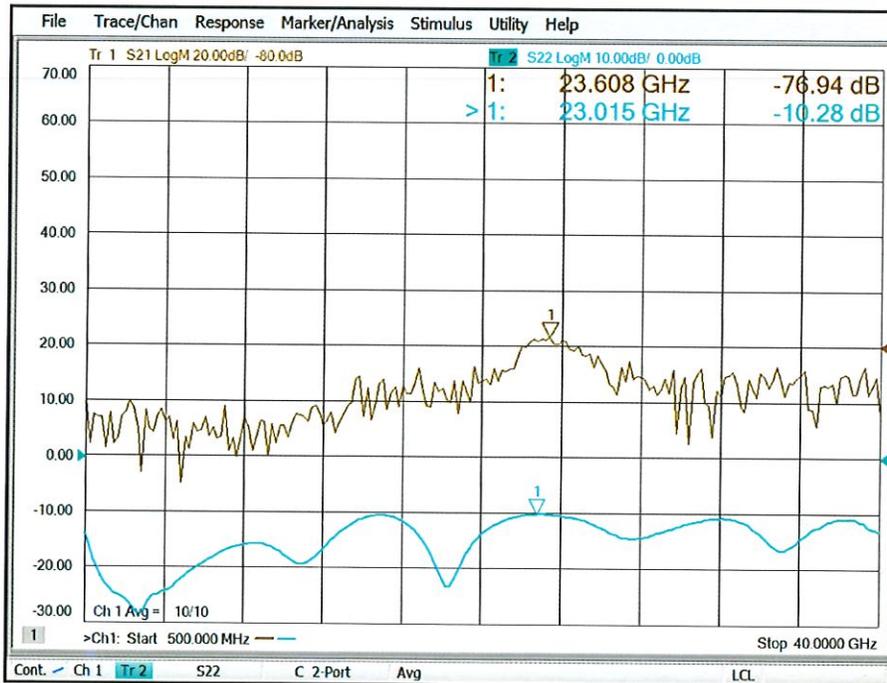
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(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

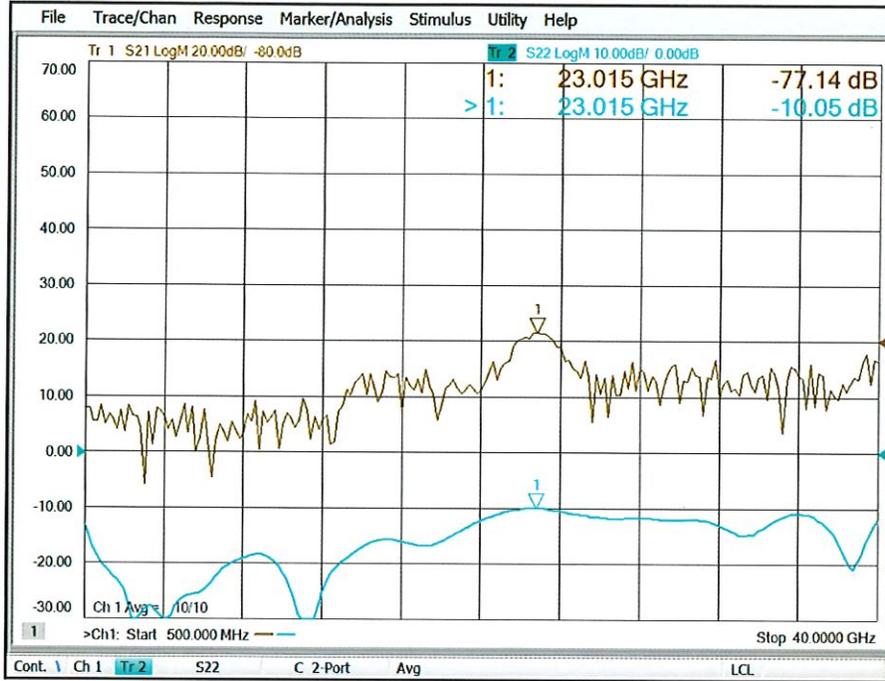




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(J1 – J4) Isolation and Termination Return Loss



(J1 – J5) Isolation and Termination Return Loss

