



**SUMMARY TEST DATA  
ON  
P2T-100M40G-110-T-512-292FF**

PL16167/1445

Customer: _____	Tested By: <u>L. McGraw</u>	
SO No: _____	Temperature: <u>+25°C</u>	
Model No: <u>P2T-100M40G-110-T-512-292FF</u>	Date: <u>11/19/18</u>	
Serial No: <u>PL16167/1445</u>	Drawing No: <u>27623206</u>	Rev: <u>A1</u>

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.1GHz to 40GHz	0.1GHz to 40GHz See Plots	PMI QA 1
3	Isolation:	110dB Typ., 100dB Min (0.1 to 18 GHz) 100dB Typ., 90dB Min (18 to 26.5 GHz) 90dB Typ., 80dB Min (26.5 to 40 GHz)	100dB 97dB 80dB See Plots	
2	Insertion Loss:	6.5dB Max. 4dB Typ. (0.1 to 18 GHz) 5dB Typ. (18 to 26.5 GHz) 5.5dB Typ. (26.5 to 40 GHz).	6.6dB 3.8dB 4.4dB 6.6dB See Plots	
4	VSWR:	2.0:1 Typ. 2.5:1 Max	2.4:1 See Plots	
5	Operating Input Power:	+20dBm CW Max	+20dBm CW Max	
6	Switching Speed:	100ns Max	20ns See Typical Characteristics	
7	Control TTL	CTL      J1-J2      J1-J3	Pass	
		0            ON            OFF		
		1            OFF          ON		
8	Power Supply:	+5VDC @ 120mA Typ. -12VDC @ 65mA Typ.	40mA 30mA	PMI QA 1

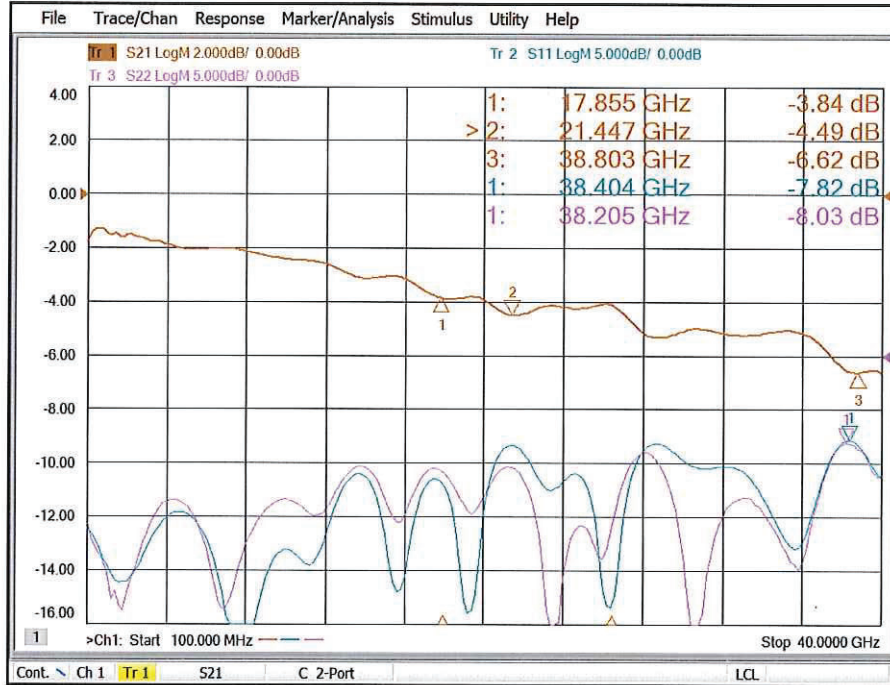
QA/QC Approval:  PMI QA 1 Date: 11/20/18



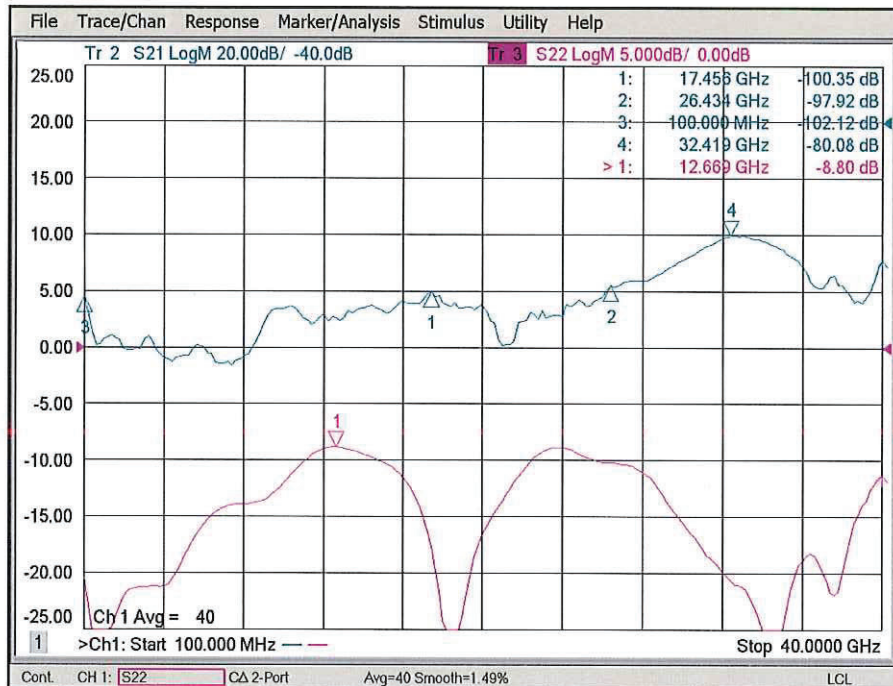
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**(J1-J2) Insertion Loss and Return Loss**



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

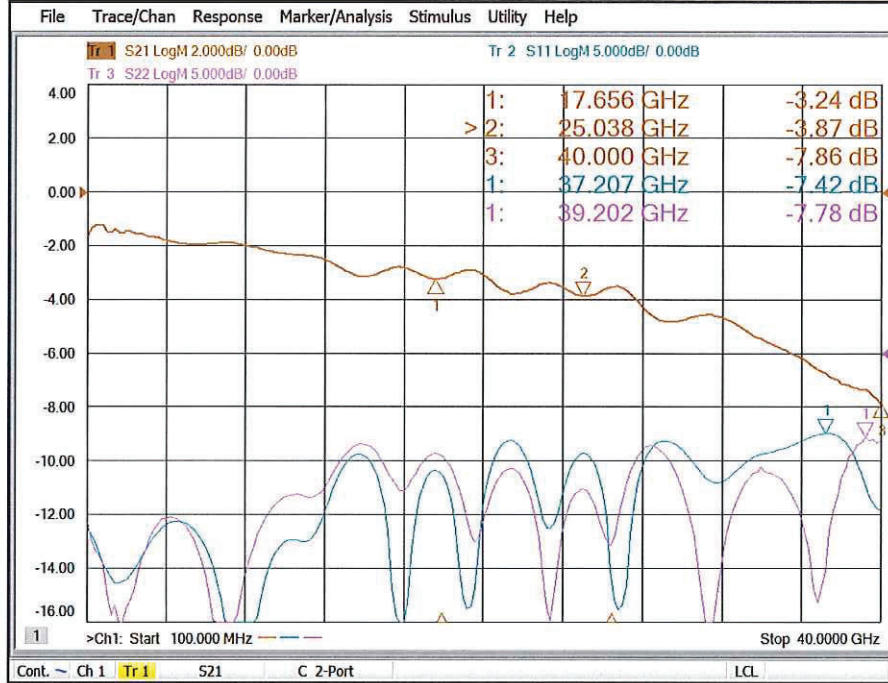




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**(J1-J3) Insertion Loss and Return Loss**



**(J1-J3) Isolation and termination Return Loss**

