



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

PL22961/1826

Customer: _____ Tested By: E.BENSON
 SO No: _____ Temperature: +25°C
 Model No: P2T-100M40G-110-T-512-292FF Date: 06/27/2018
 Serial No: PL22961/1826 Drawing No: 27623206 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.1GHz to 40GHz	0.1GHz to 40GHz See Plot	PMI QA 1	
3	Isolation:	110dB Typ., 100dB Min (0.3 to 18 GHz) 100dB Typ., 90dB Min (18 to 26.5 GHz) 90dB Typ., 80dB Min (0.1 to 0.3GHz & 26.5 to 40 GHz)	102 dB 92 dB 89 dB (See Plot)	PMI QA 1	
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) 9dB Max., (0.1 to 0.3GHz @ 20dBm IN)	2.80 dB 3.35 dB 6.03 dB See Plot		
4	VSWR:	2.0:1 Typ. 2.5:1 Max	2.453:1 2.439:1 (See Plot)		
5	Operating Input Power:	+20dBm CW Max	Pass/Fail		
6	Switching Speed:	100ns Max	See Typical Characteristics Plot		
7	Control TTL	CTL	J1-J2		J1-J3
		0	ON		OFF
		1	OFF		ON
8	Power Supply:	+5VDC @ 120mA Typ. -12VDC @ 65mA Typ.	+5VDC @ 35mA -12VDC @ 22mA	PMI QA 1	

QA/QC Approval:  PMI QA 1 Date: 6/28/18

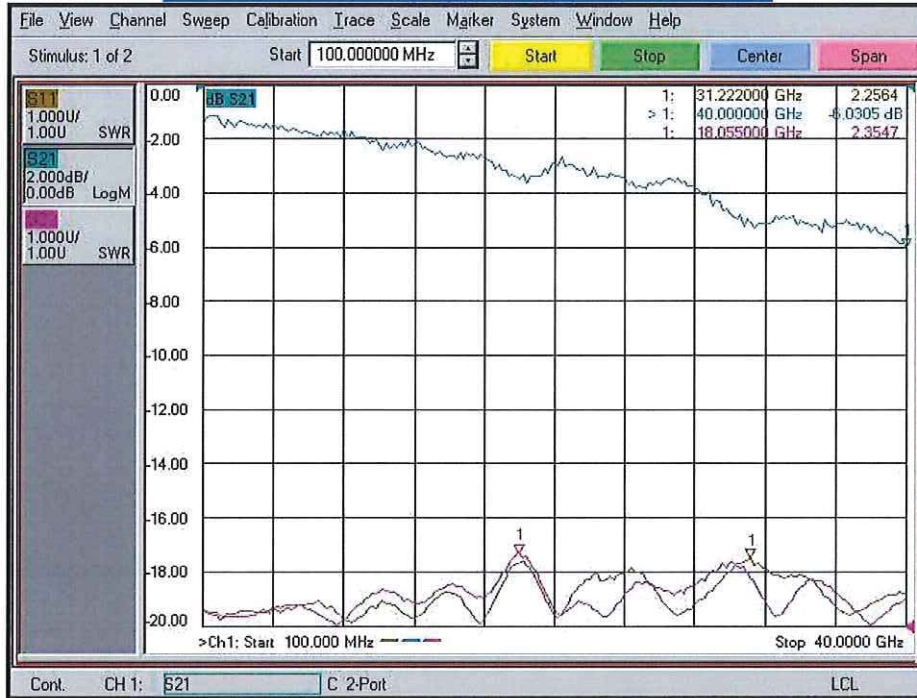
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@pmi-rf.com



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(J1-J2) Insertion Loss and return Loss



(J1-J3) Insertion Loss and return Loss



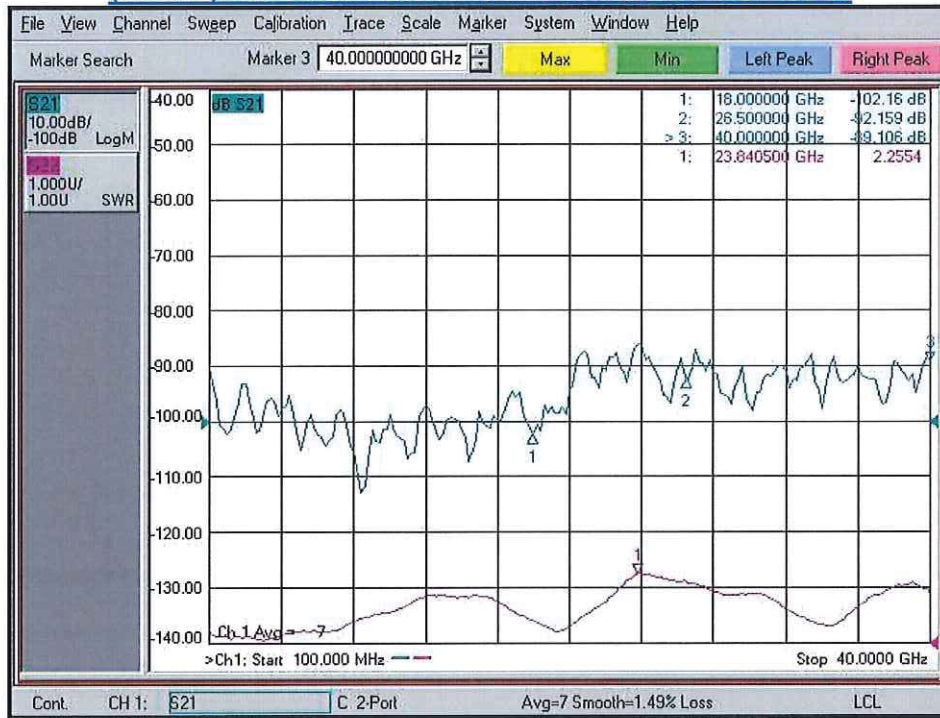
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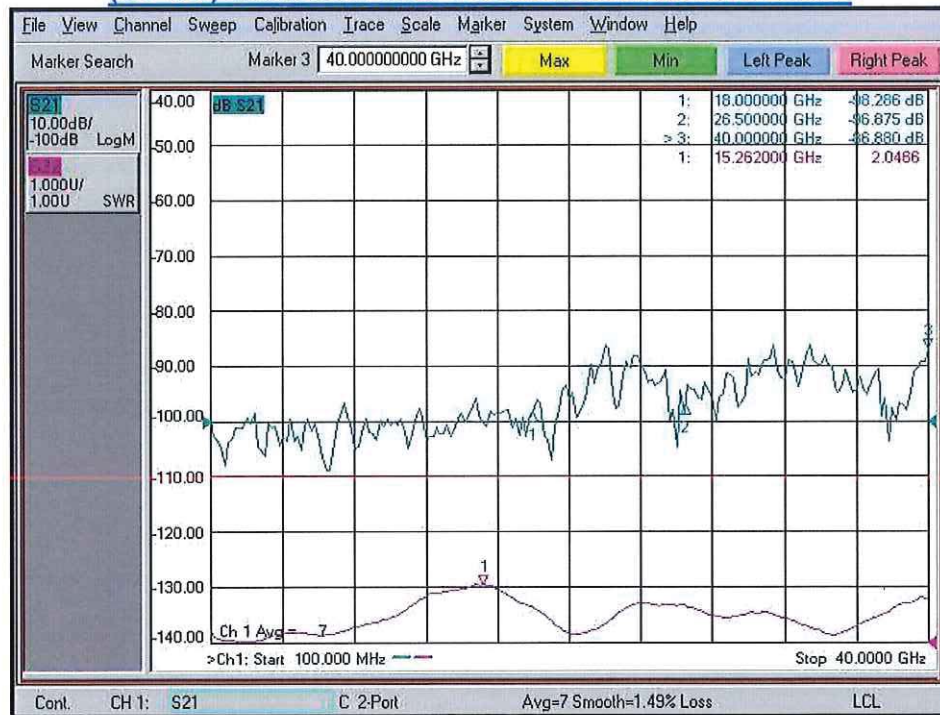
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(J1-J2) Isolation and Termination Return Loss



(J1-J3) Isolation and Termination Return Loss



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