



**SUMMARY TEST DATA  
ON  
P6T-2G18G-55-R-512-SFF**

PL26503/1937

Customer: \_\_\_\_\_ Tested By: L. McGraw  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: P6T-2G18G-55-R-512-SFF Date: 09/10/19  
 Serial No: PL26503/1937 Drawing No: 27613452 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA 1	
2	Insertion Loss:	7 dB Max.	5.8dB (See Plot)		
3	Input Power:	10 dBm CW Max	10 dBm CW		
4	RF Power Survival:	25 dBm	25 dBm See Typical Characteristics		
5	VSWR (Input/Output):	2.0:1 Max	1.9:1 In 1.9:1 Out (See Plot)		
6	Isolation:	55 dB Min.	65dB (See Plot)		
7	Switching Speed:	15 ns Min.	15 ns See Typical Characteristics		
8	Video Transients:	15 mV PP	15 mV P-P See Typical Characteristics		
9	Video Transients Spectral Content:	65 dBm	65 dBm See Typical Characteristics		
10	DC Supply:	+5VDC @ 200mA Typ -12VDC @ 60mA Typ	98mA @ +5VDC 8mA @ -12VDC		
11	Control Signal:	All TTL lines Pulled High "1" All TTL lines "1" = NONE TTL1 "0" → (J0-J1) TTL2 "0" → (J0-J2) TTL3 "0" → (J0-J3) TTL4 "0" → (J0-J4) TTL5 "0" → (J0-J5) TTL6 "0" → (J0-J6)	Pass		PMI QA 1

QA/QC Approval:  PMI QA 1 Date: 9/12/19

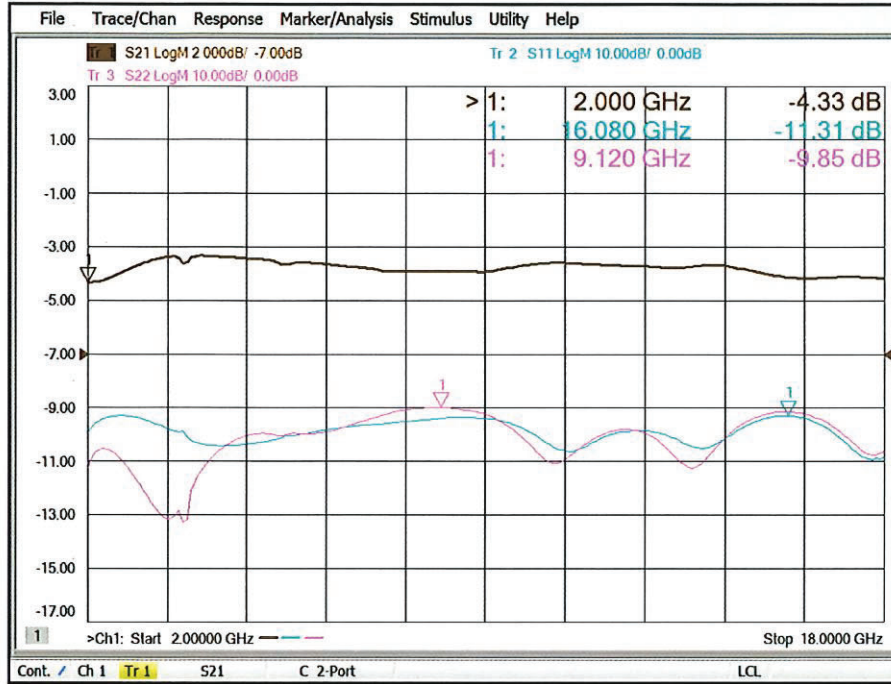
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



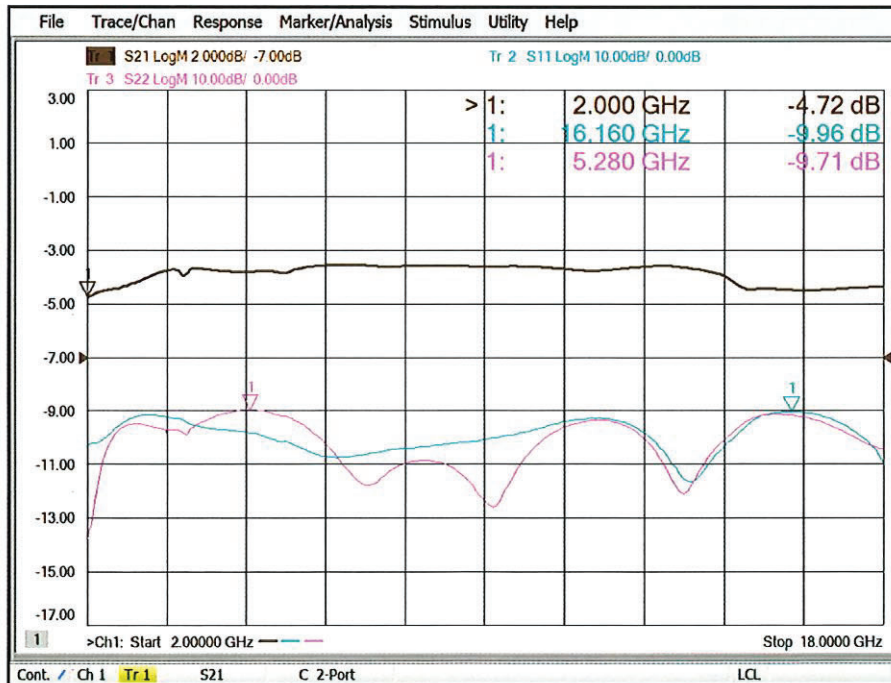
# SUMMARY TEST DATA ON P6T-2G18G-55-R-512-SFF

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## J0-J1) Insertion Loss and Return Loss



## (J0-J2) Insertion Loss and Return Loss

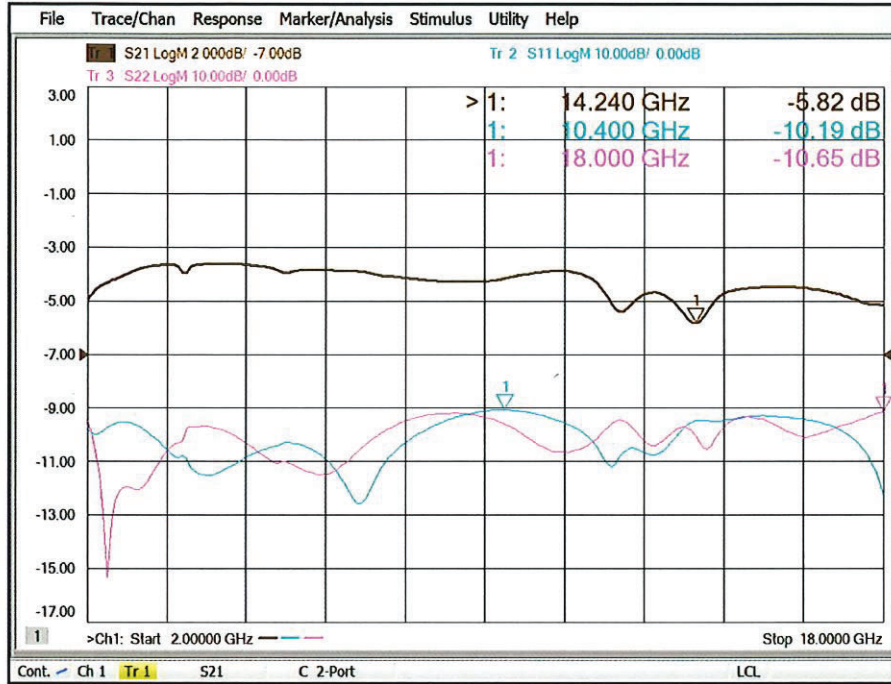




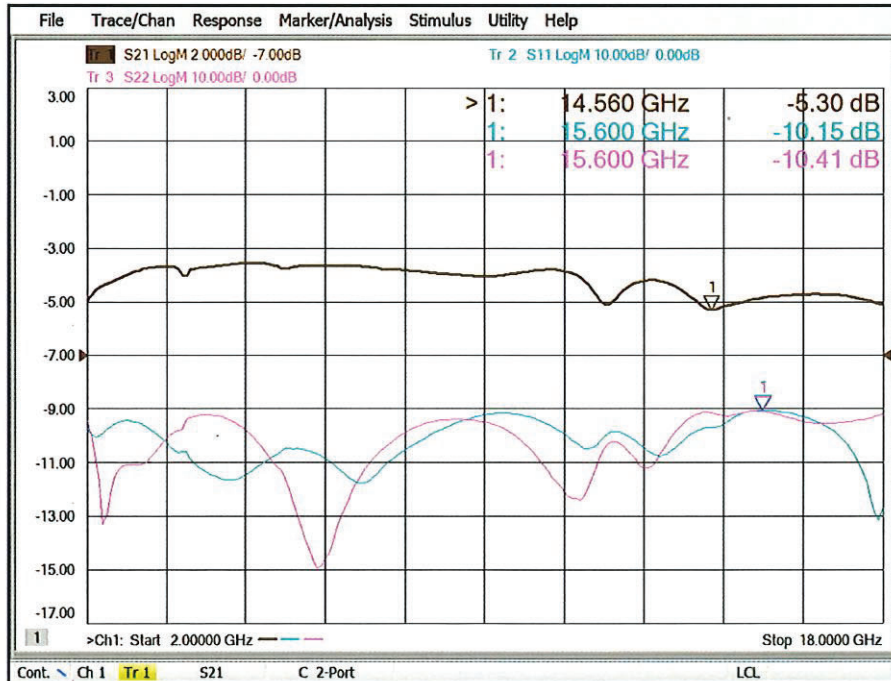
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## (J0-J3) Insertion Loss and Return Loss



## (J0-J4) Insertion Loss and Return Loss

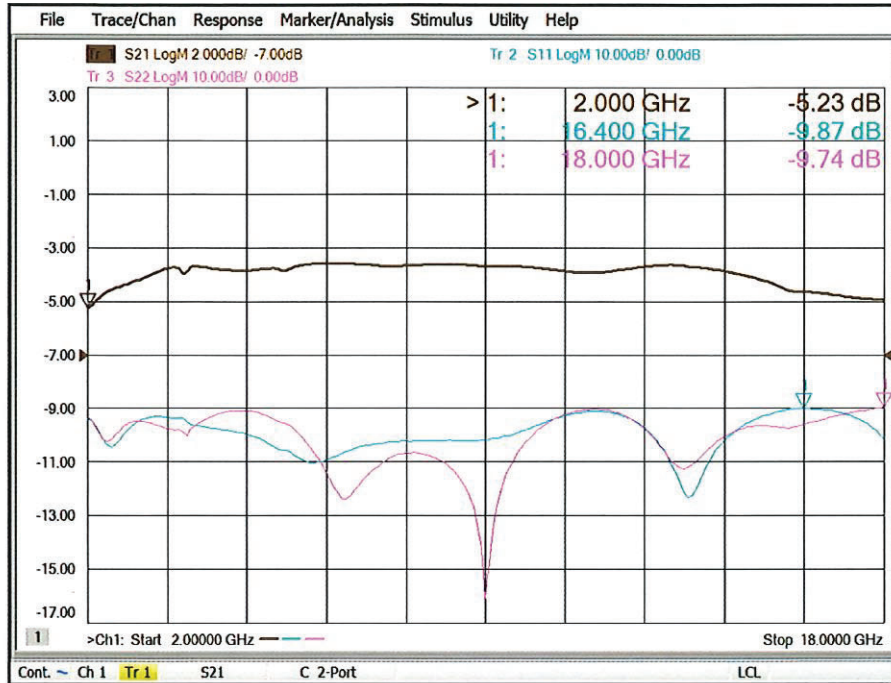




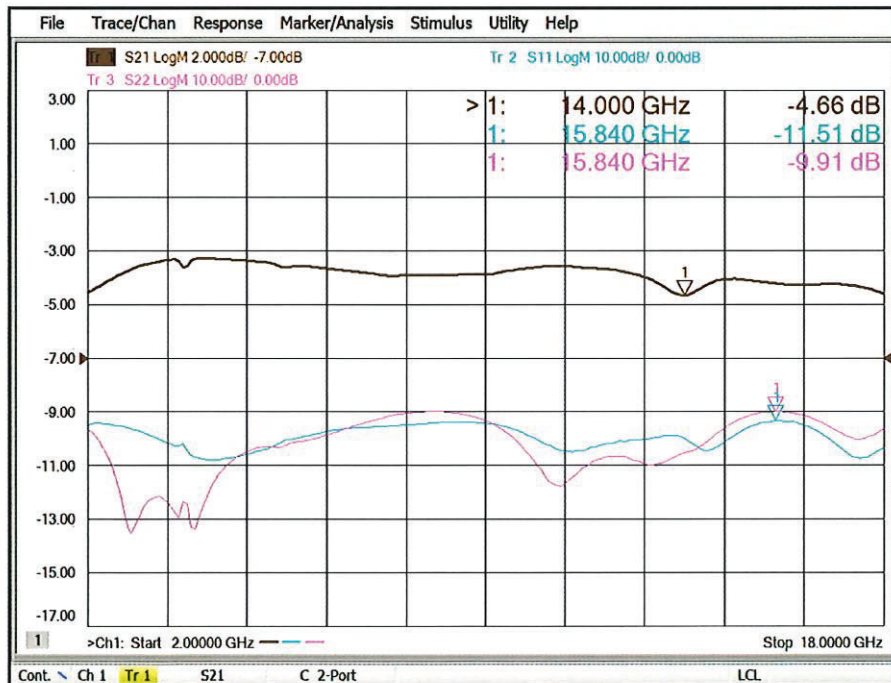
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## (J0-J5) Insertion Loss and Return Loss



## (J0-J6) Insertion Loss and Return Loss

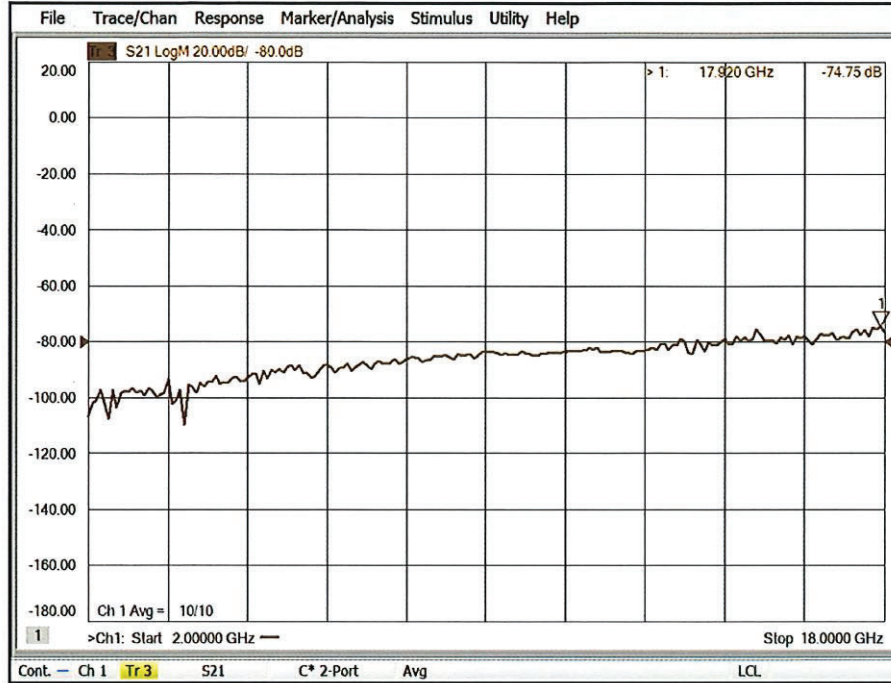




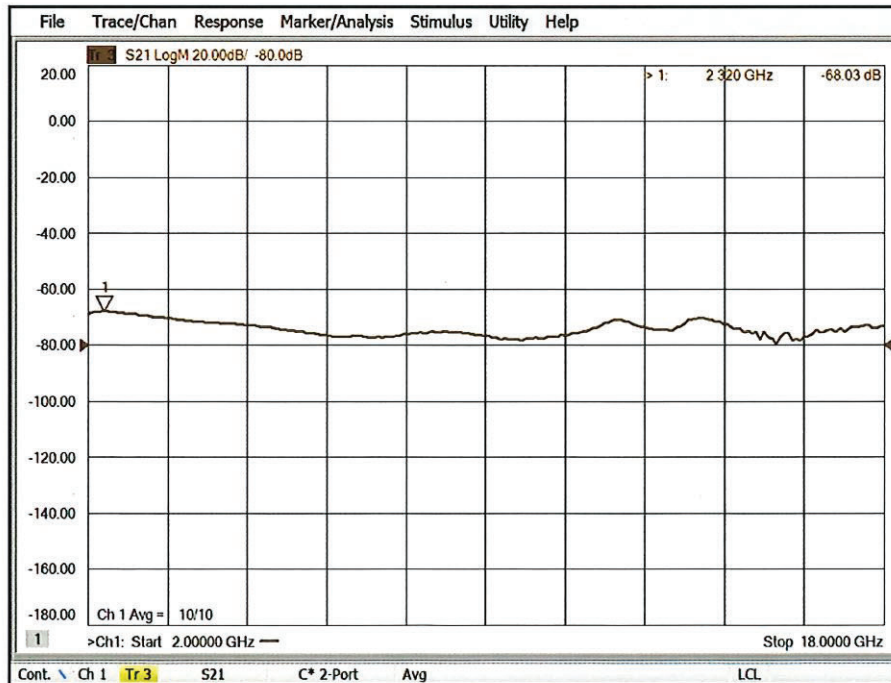
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**(J0 – J1) Isolation**



**(J0 – J2) Isolation**

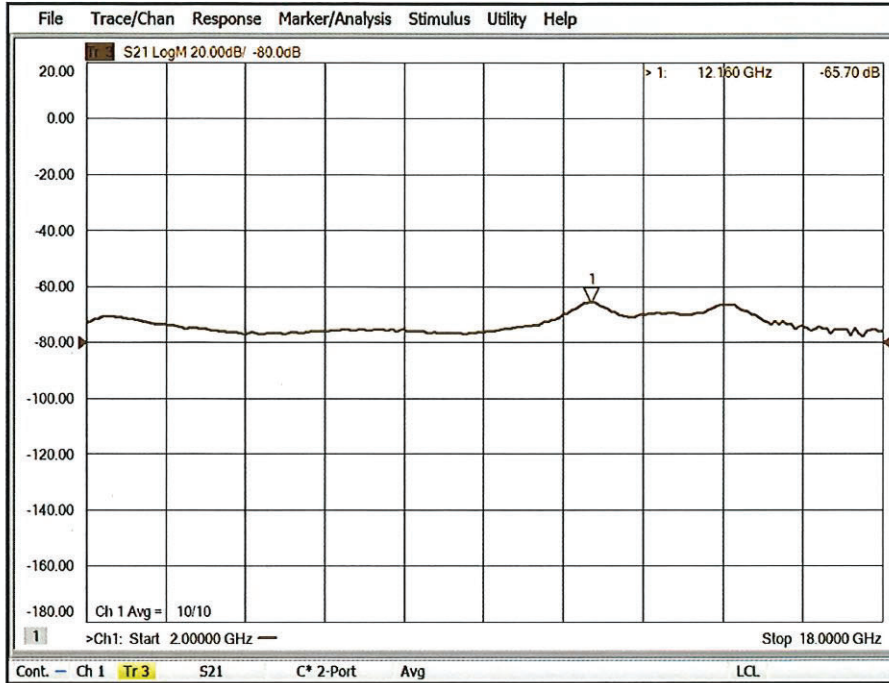




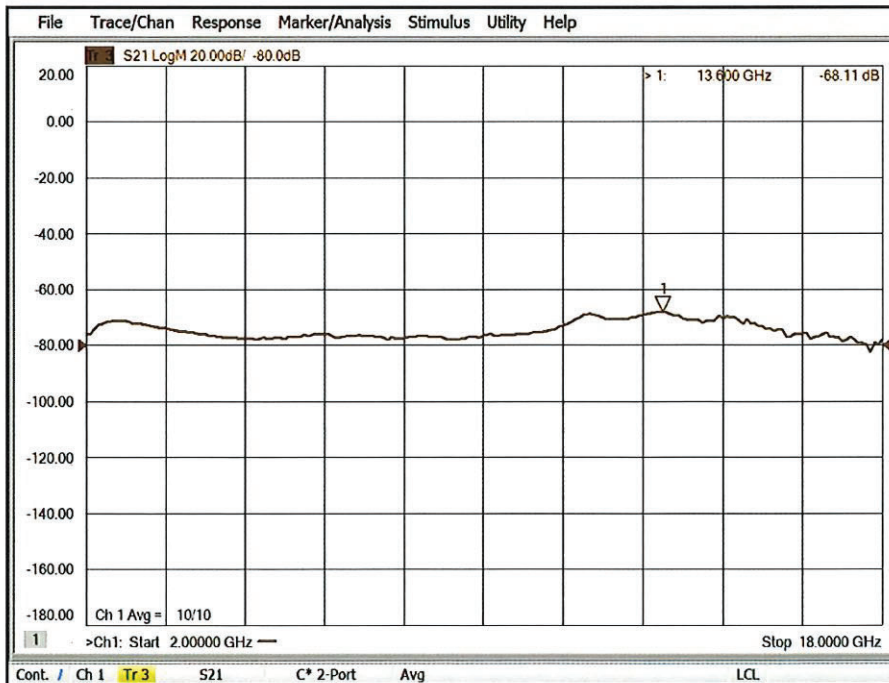
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**(J0 – J3) Isolation**



**(J0 – J4) Isolation**

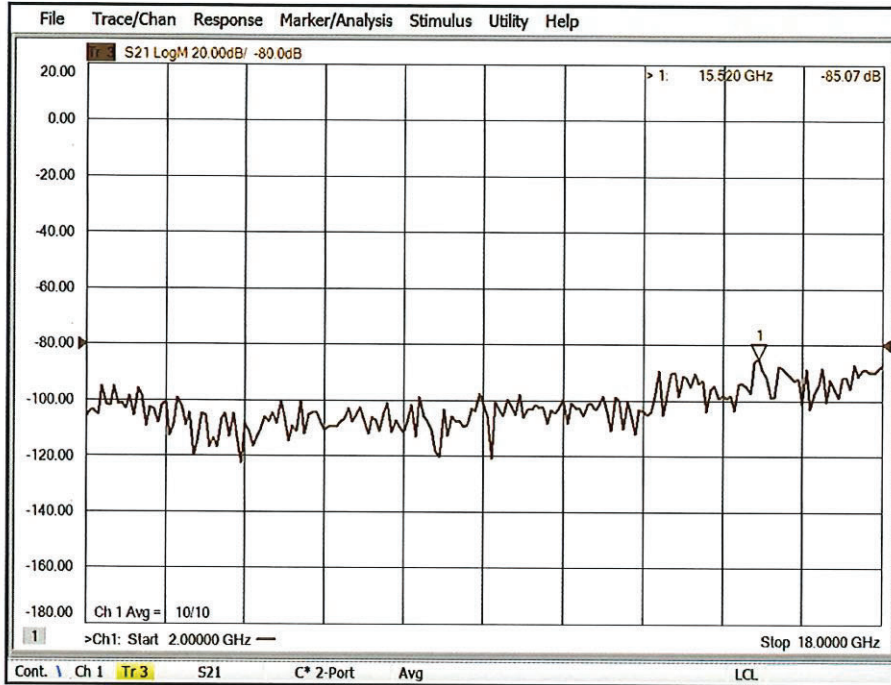




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**(J0 – J5) Isolation**



**(J0 – J6) Isolation**

