



**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15083/1418**

Customer: \_\_\_\_\_ Tested By: Jerry N.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P6T-2G18G-60-T-512-SFF-LV Date: 12/20/17  
Serial No: PL15083/1418 Drawing No: 27620059 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA 1
2	Insertion Loss:	4.0dB Max	4.0 dB (See Plot)	
3	Insertion Loss Tracking between all ports:	0.8dB Window Max	0.4dB (See Plot)	
4	Isolation:	60dB Min	65.67 dB (See Plot)	
5	VSWR:	2.0:1 Max	1.99:1 (See Plot)	
6	Impedance:	50 Ohms	50 Ohms	
7	Input Power:	23dBm CW Max (Operating) 27dBm CW Max (Survival)	23dBm CW Max (Operating) 27dBm CW Max (Survival)	
8	Switching Speed:	50ns Max On - (50% TTL to 90% RF) Off - (50% TTL to 10% RF)	30ns (See Typical Characteristics)	
9	Switching Rate PRF:	5MHz	5MHz	
10	Video Leakage:	50mV Peak to Peak Max Measured at 300MHz BW	2mV (See Typical Characteristics)	
11	Control:	6 Line Independent TTL "0" - 1.6mA Max @ 0.4V (IL) "1" - 40uA Max @ 2.4V (Isol)	Pass	
12	DC Supply:	+5VDC @ 300mA Typ -12VDC @ 100mA Typ	122mA 33mA	PMI QA 1

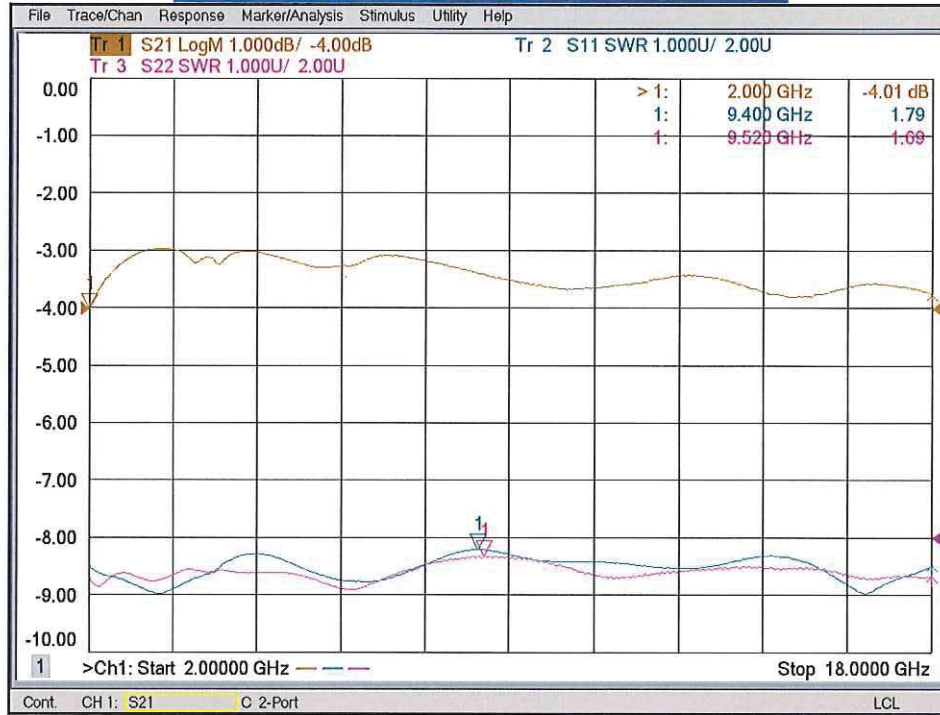
QA/QC Approval:  PMI QA 1 Date: 12/22/17



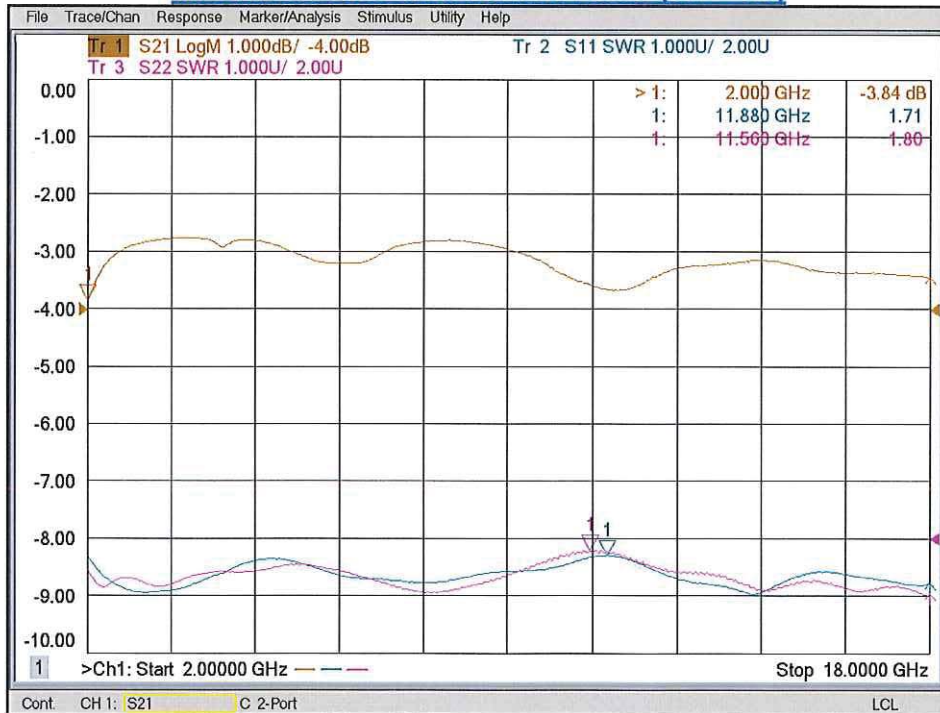
**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

PL15083/1418

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



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



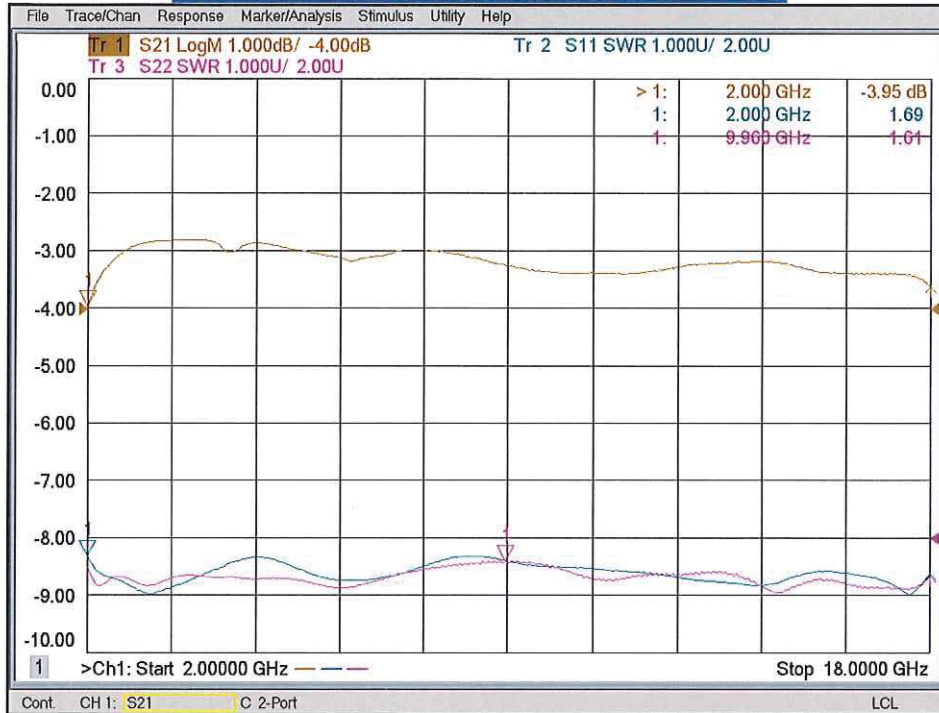
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



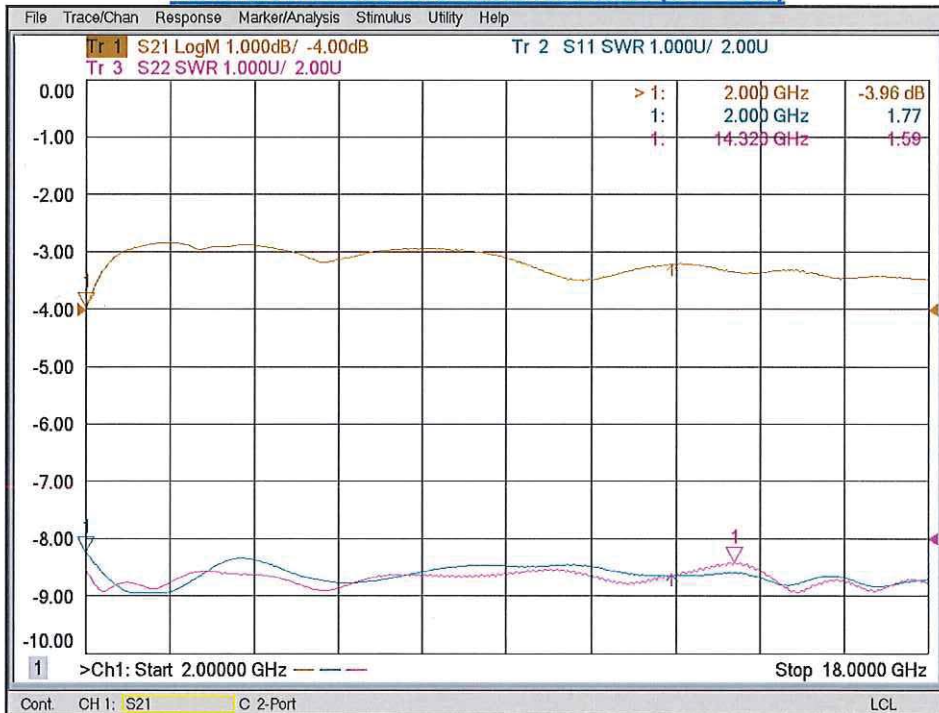
**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15083/1418**

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



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

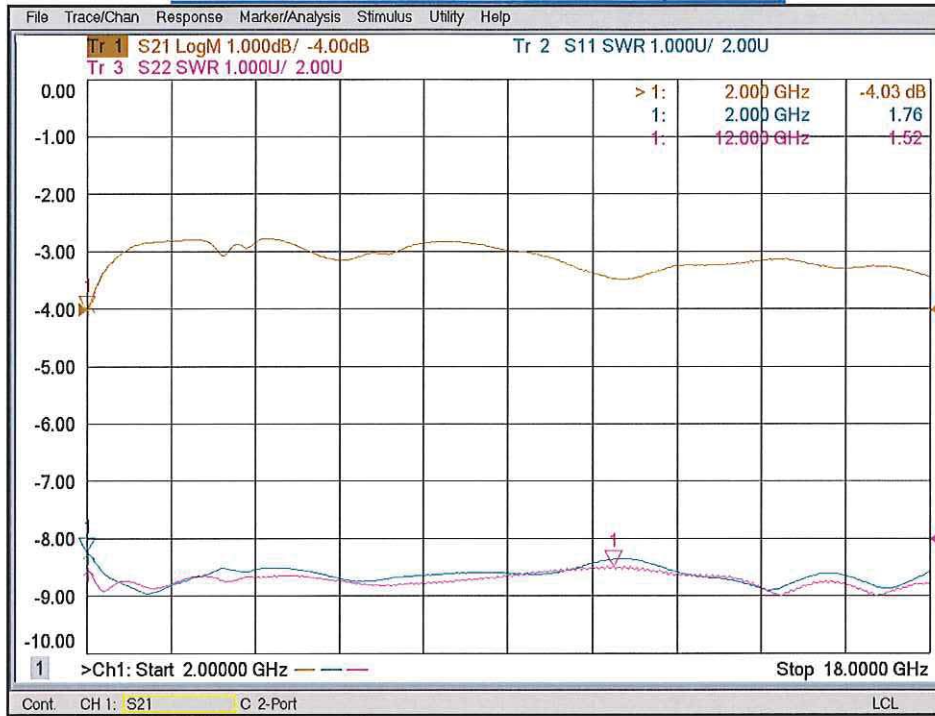




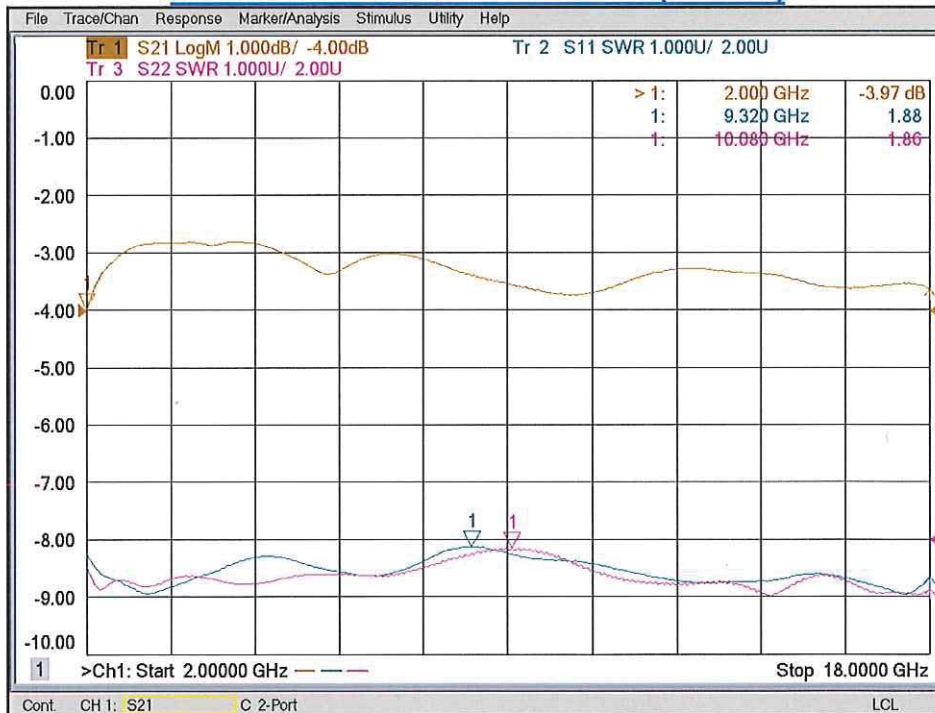
# SUMMARY TEST DATA ON P6T-2G18G-60-T-512-SFF-LV

PL15083/1418

## Insertion Loss and Return Loss (J1 – J6)



## Insertion Loss and Return Loss (J1 – J7)

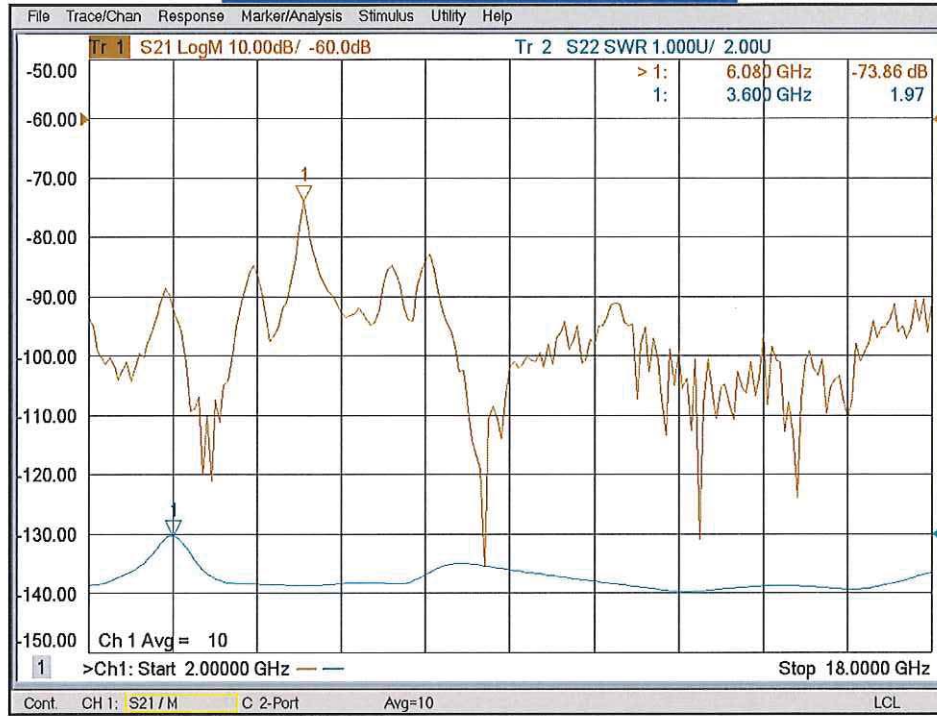




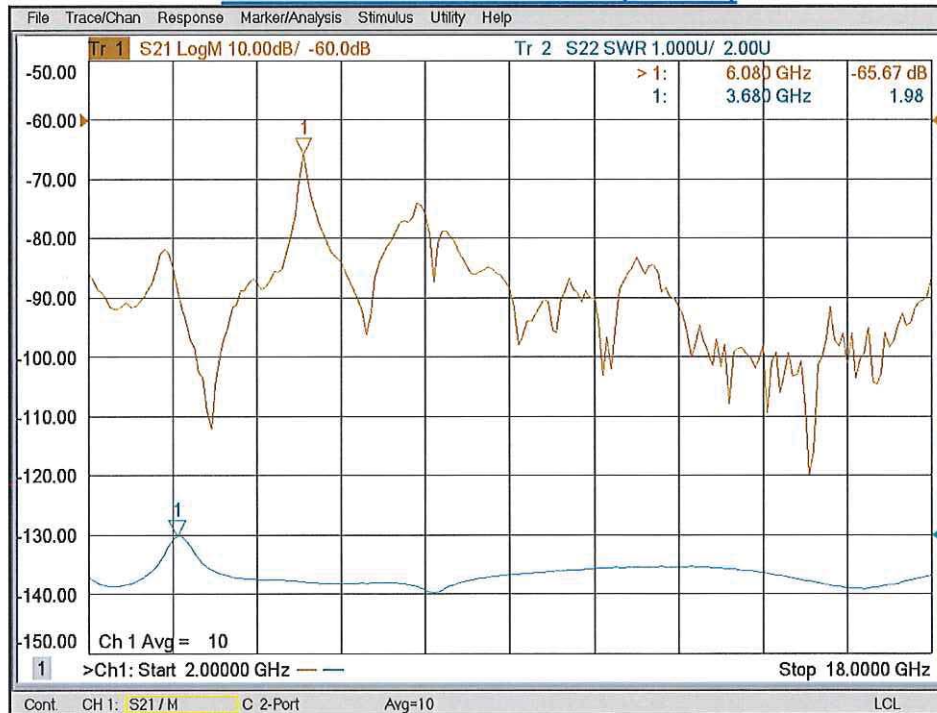
**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15083/1418**

**Isolation and Termination (J1 –J2)**



**Isolation and Termination (J1 –J3)**

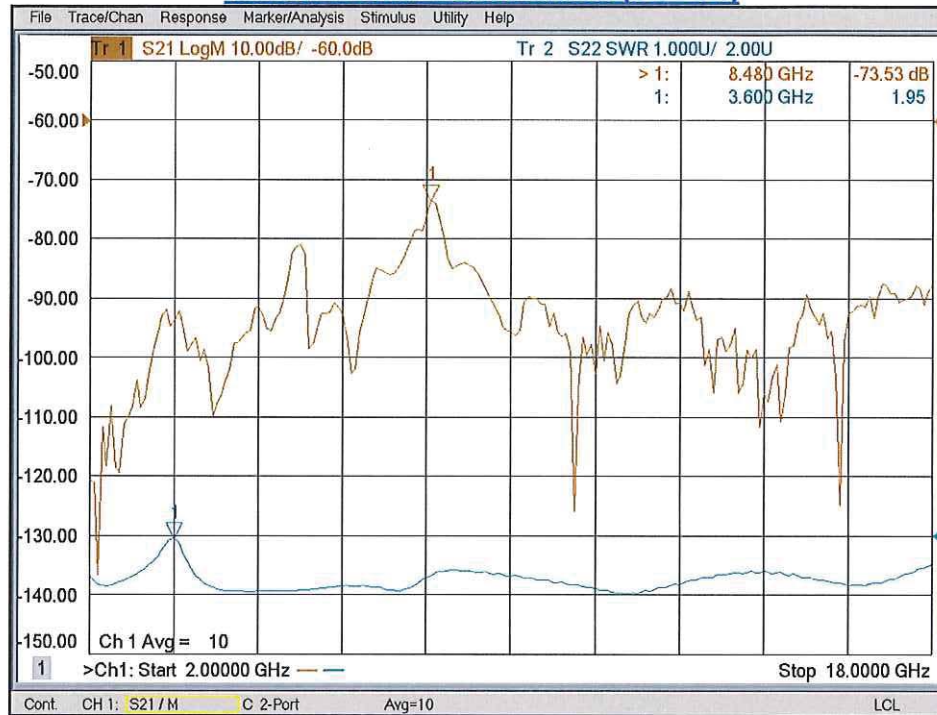




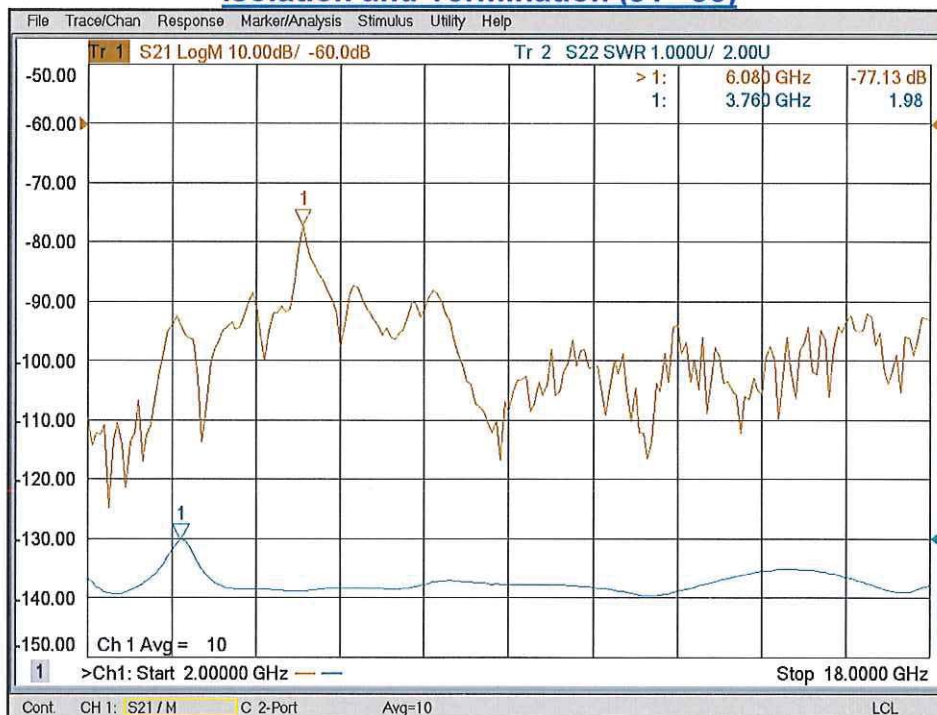
**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15083/1418**

**Isolation and Termination (J1 -J4)**



**Isolation and Termination (J1 -J5)**

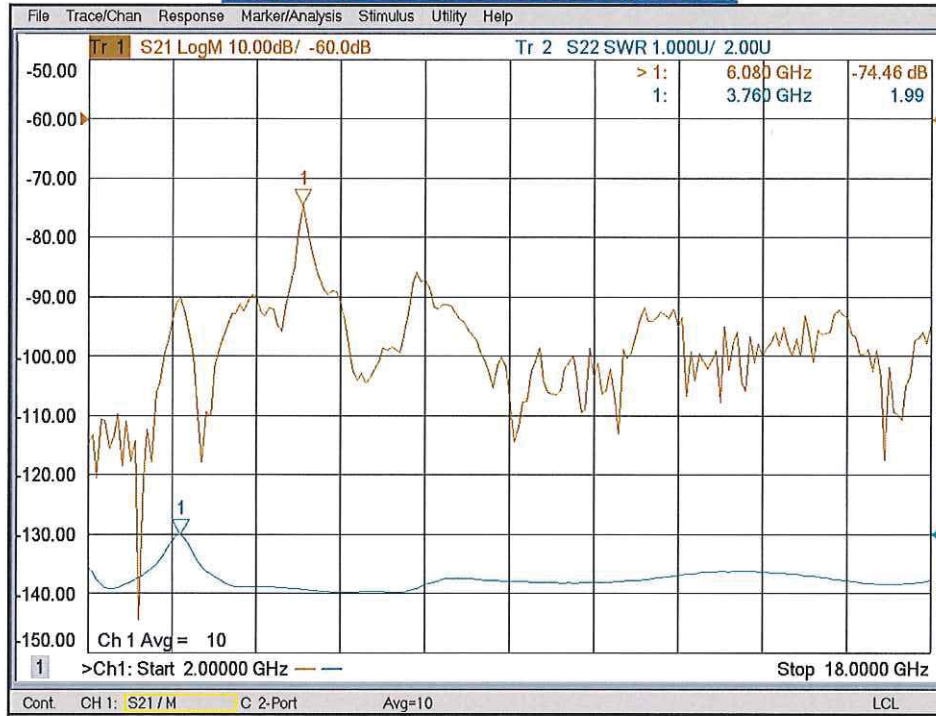




**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15083/1418**

**Isolation and Termination (J1 –J6)**



**Isolation and Termination (J1 –J7)**

