



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

PL32152/2117

Customer: \_\_\_\_\_ Tested By: L. McGraw  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P6T-2G18G-60-T-512-SFF-LV-SP Date: 04/30/21  
Serial No: PL32152/2117 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 2
2	Insertion Loss:	4.0dB Max	3.9dB (See Plot)	
3	Insertion Loss Tracking between all ports:	0.8dB Window Max	0.47dB (See Plot)	
4	Isolation:	60dB Min	66dB (See Plot)	
5	VSWR:	2.0:1 Max	1.9:1 (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	121mA 33mA	PMI QA 2

QA/QC Approval: \_\_\_\_\_

PMI  
QA 2

Date: \_\_\_\_\_

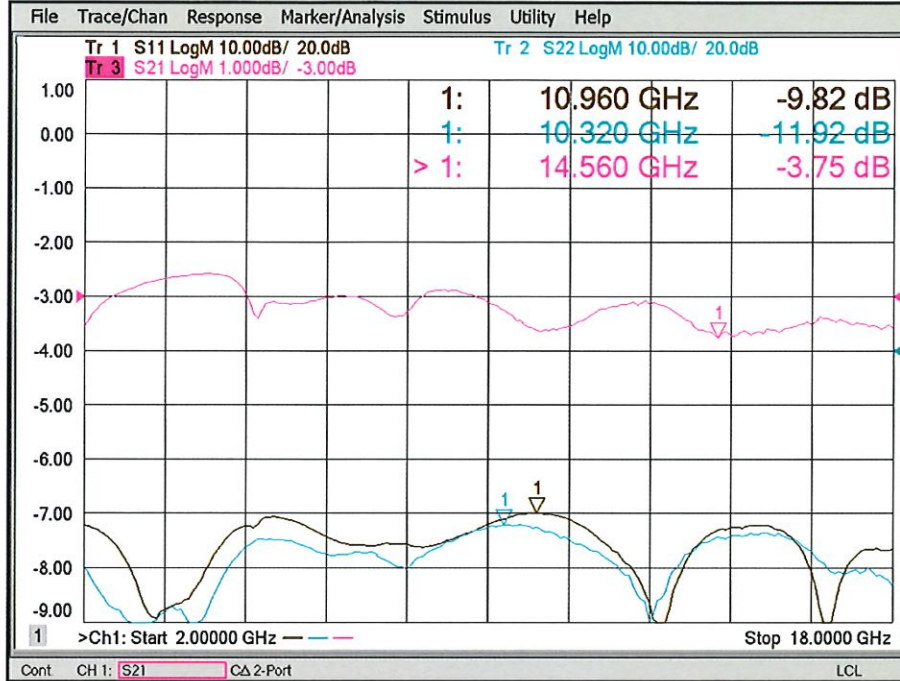
4/30/21



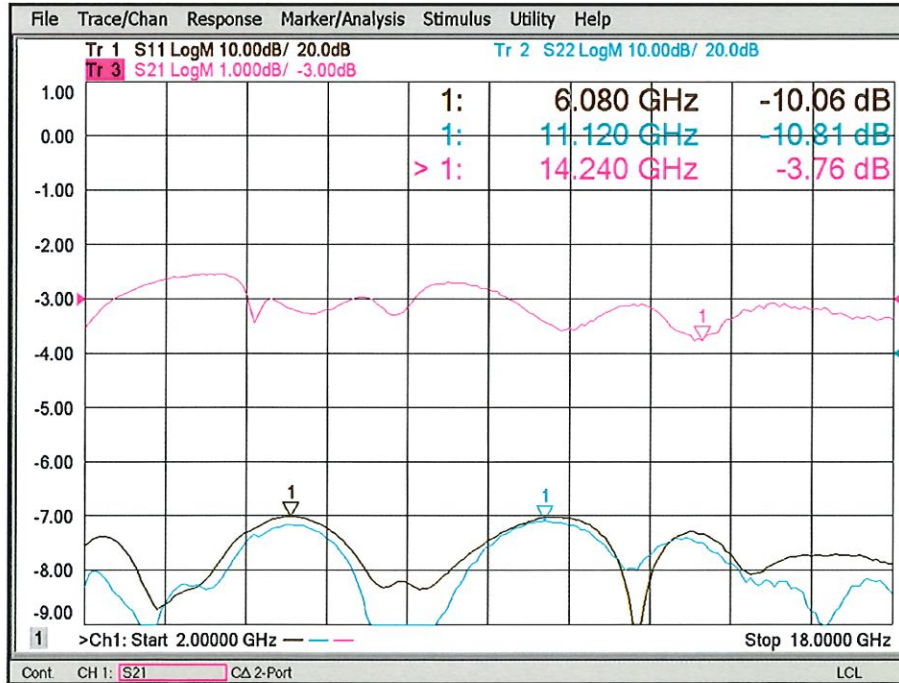
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**Insertion Loss and Return Loss (J1 – J2)**



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

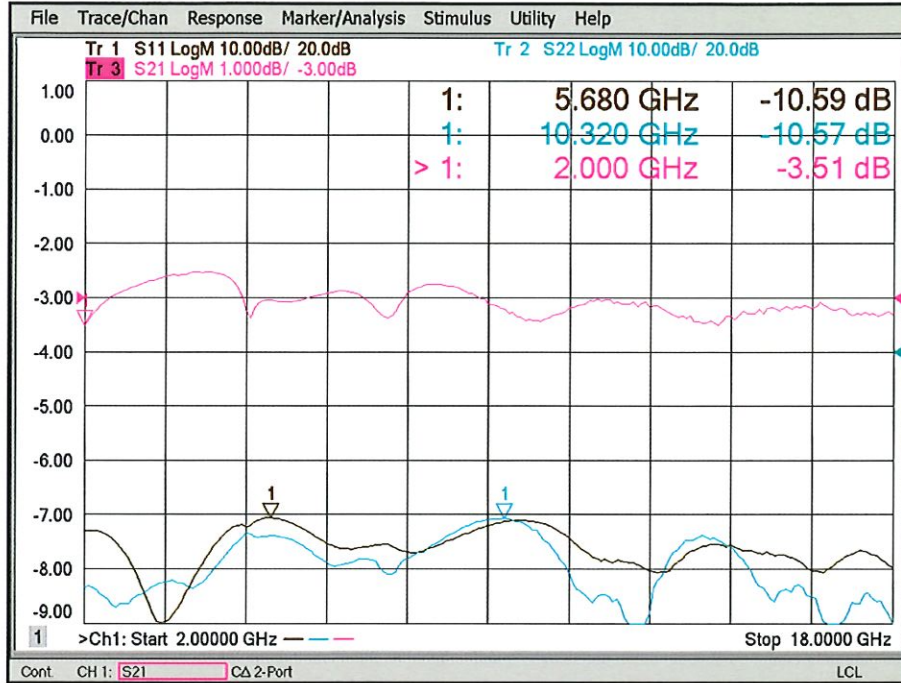




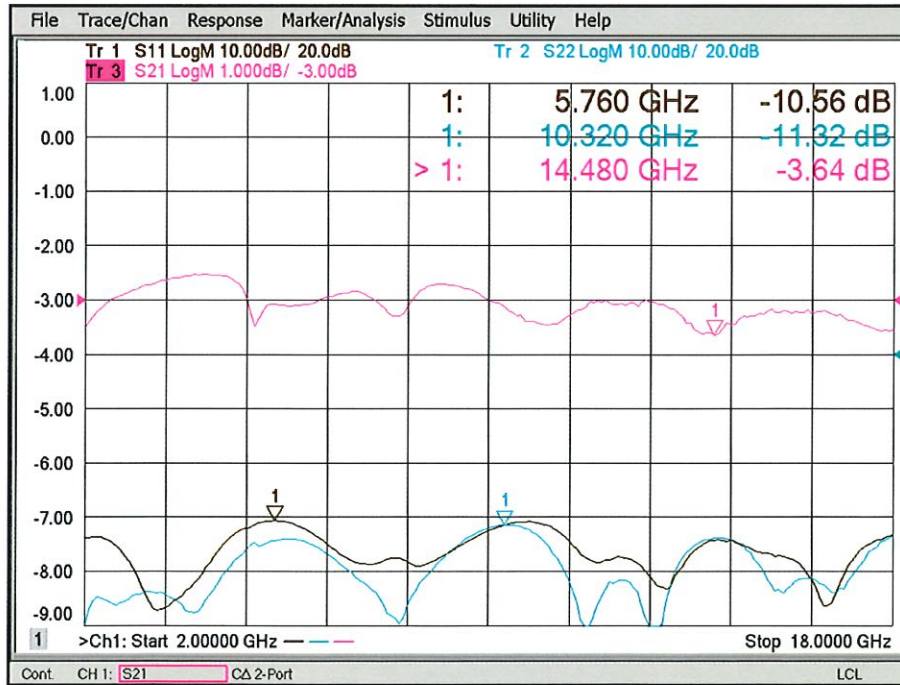
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**Insertion Loss and Return Loss (J1 – J4)**



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

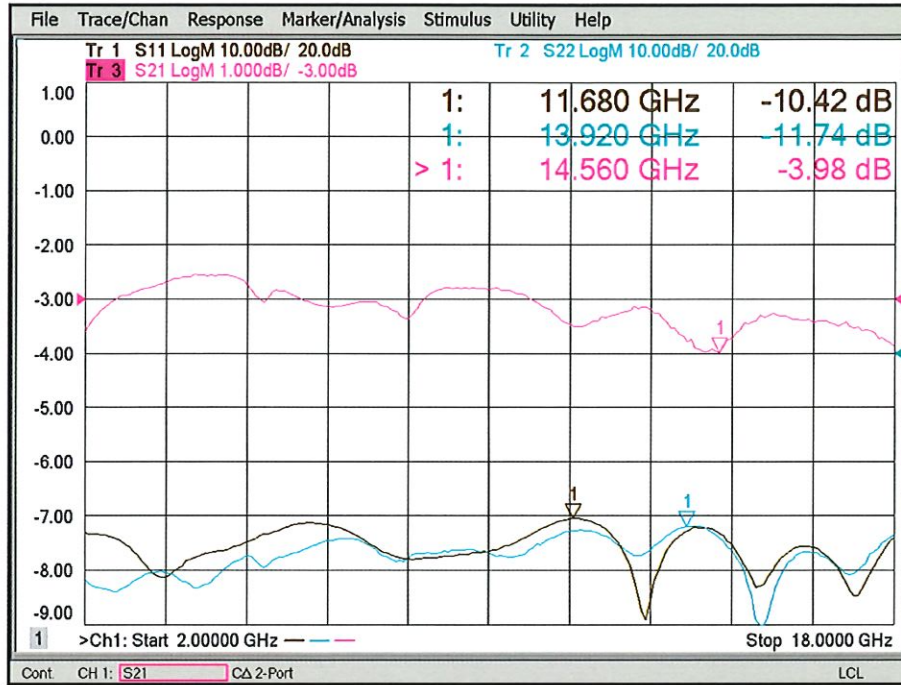




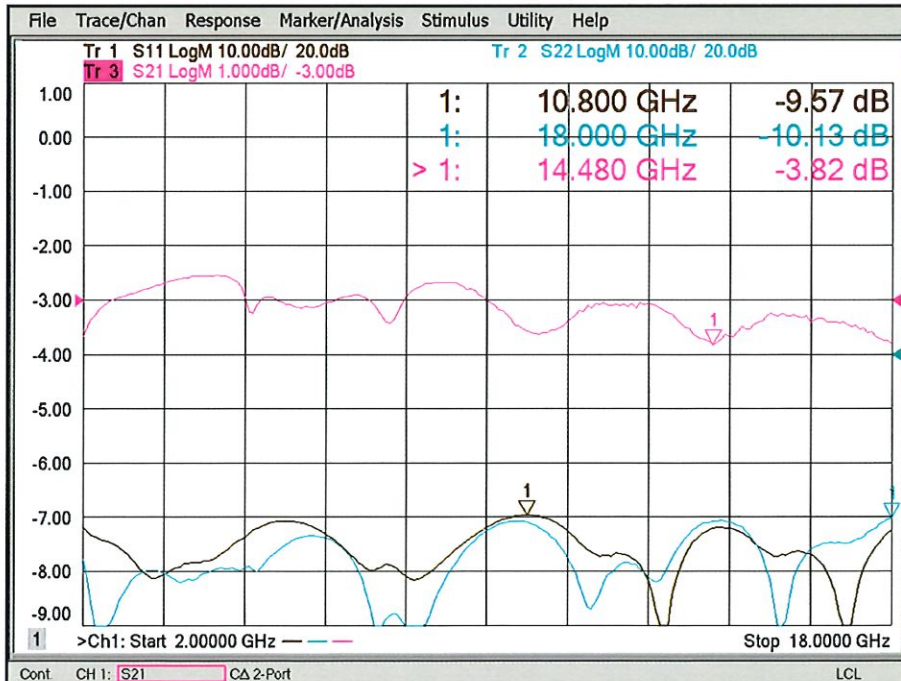
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**Insertion Loss and Return Loss (J1 – J6)**



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

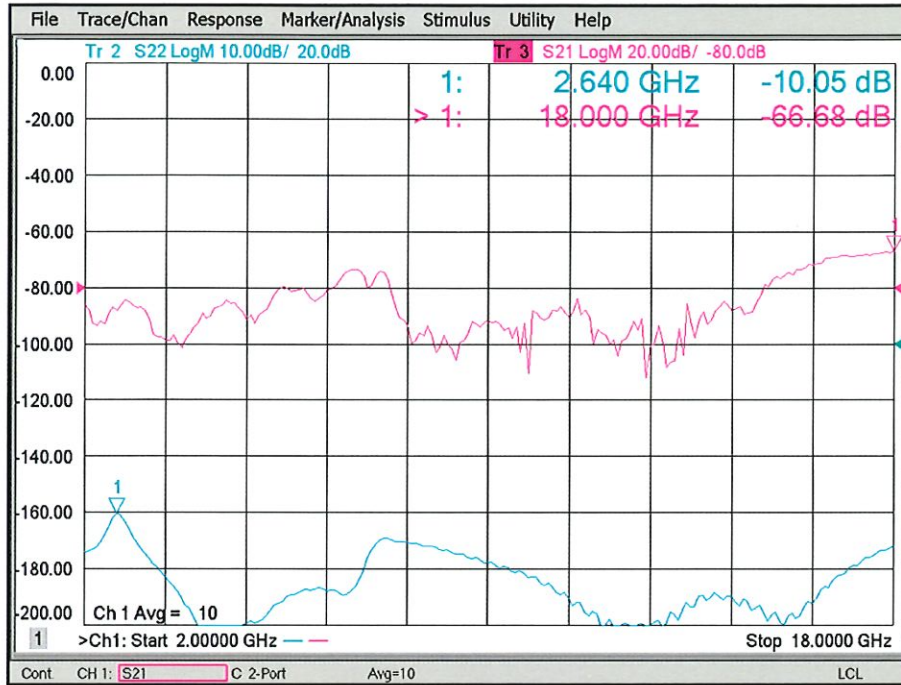




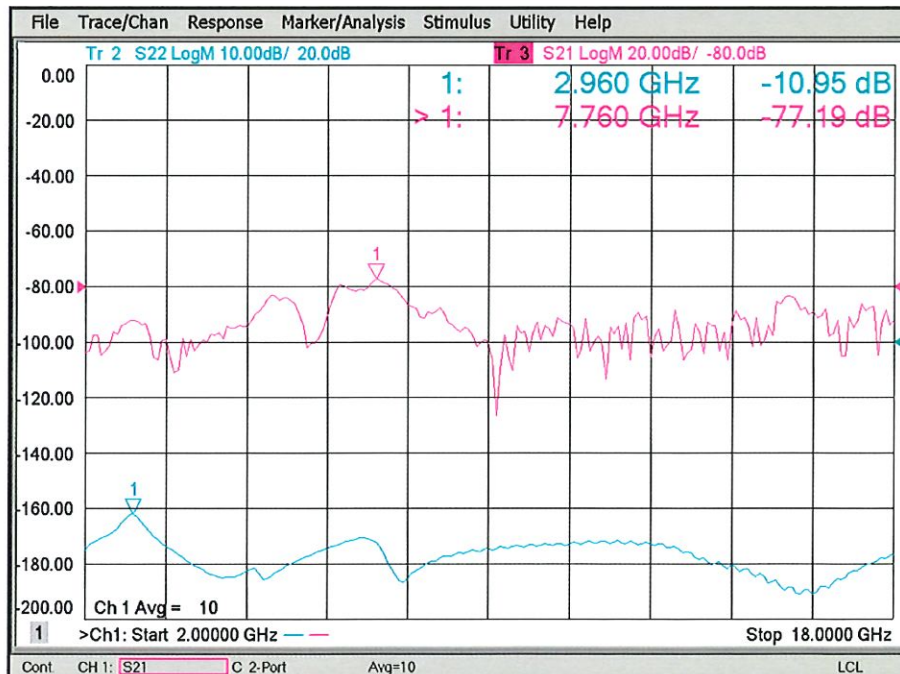
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## Isolation and Termination (J1 -J2)



## Isolation and Termination (J1 -J3)

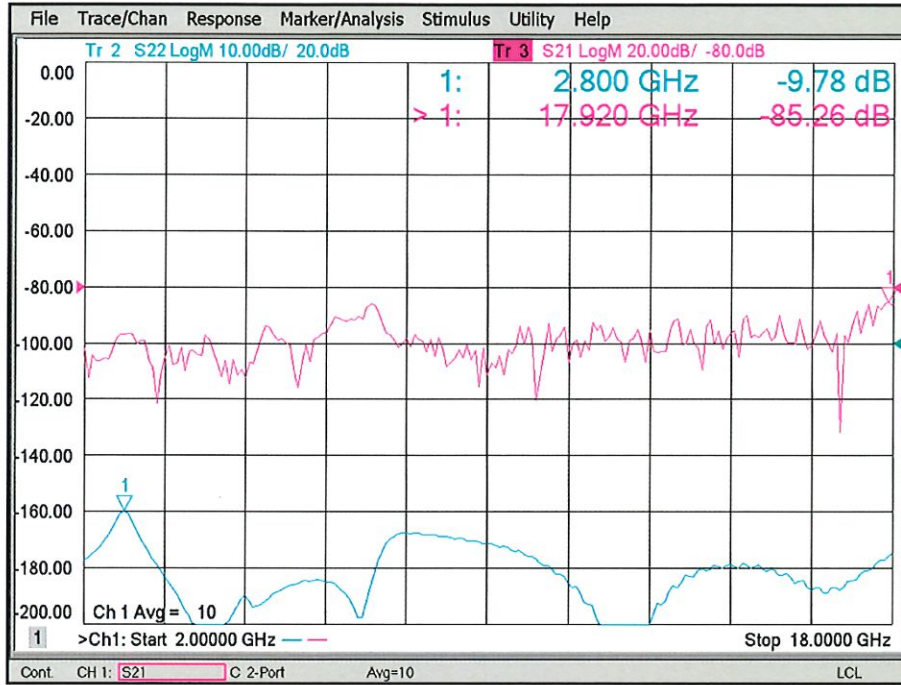




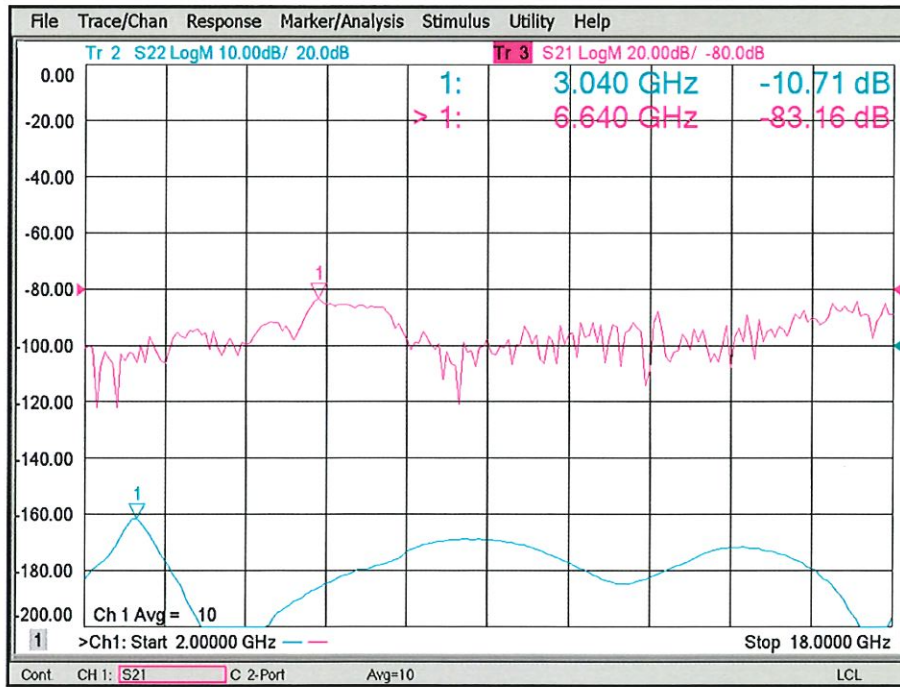
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**Isolation and Termination (J1 –J4)**



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

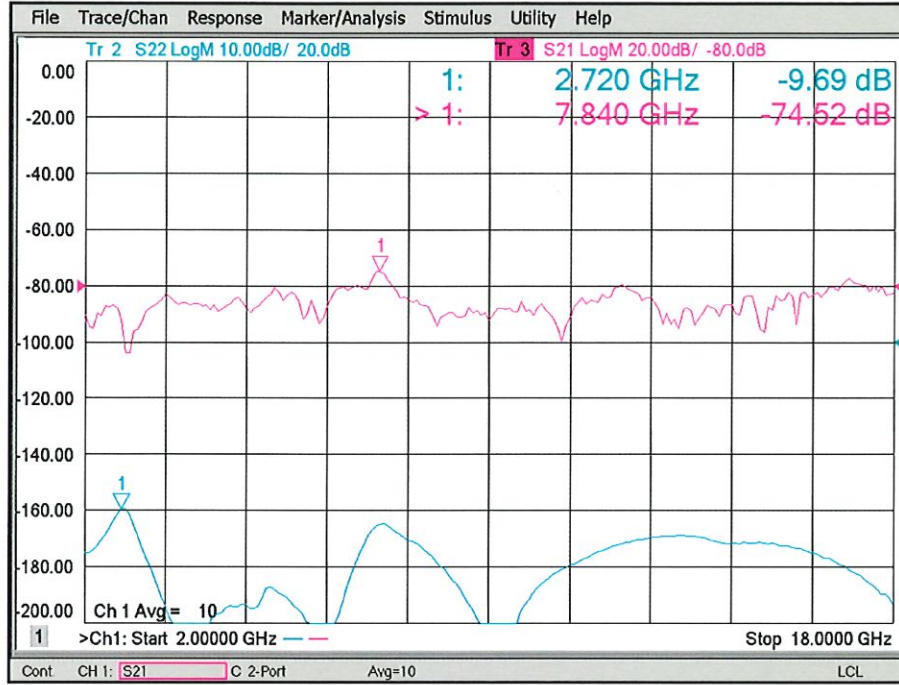




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**Isolation and Termination (J1 –J6)**



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

