



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

PL32150/2117

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: PL32150/2117 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 | 3.8dB (See Plot) | |
| 3 | Insertion Loss Tracking between all ports: | 0.8dB Window Max | 0.13dB (See Plot) | |
| 4 | Isolation: | 60dB Min | 70dB (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

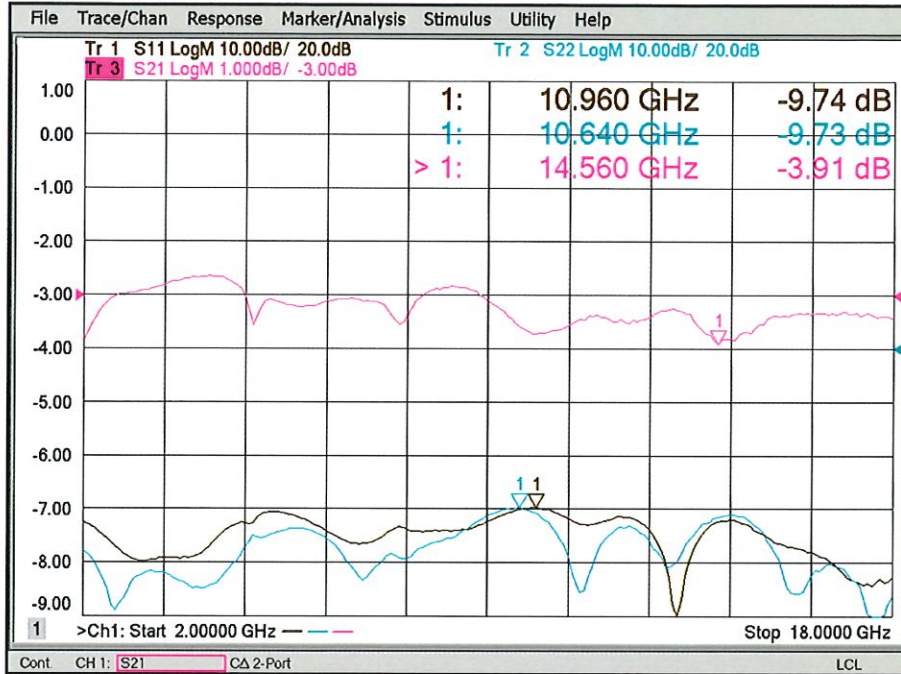
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



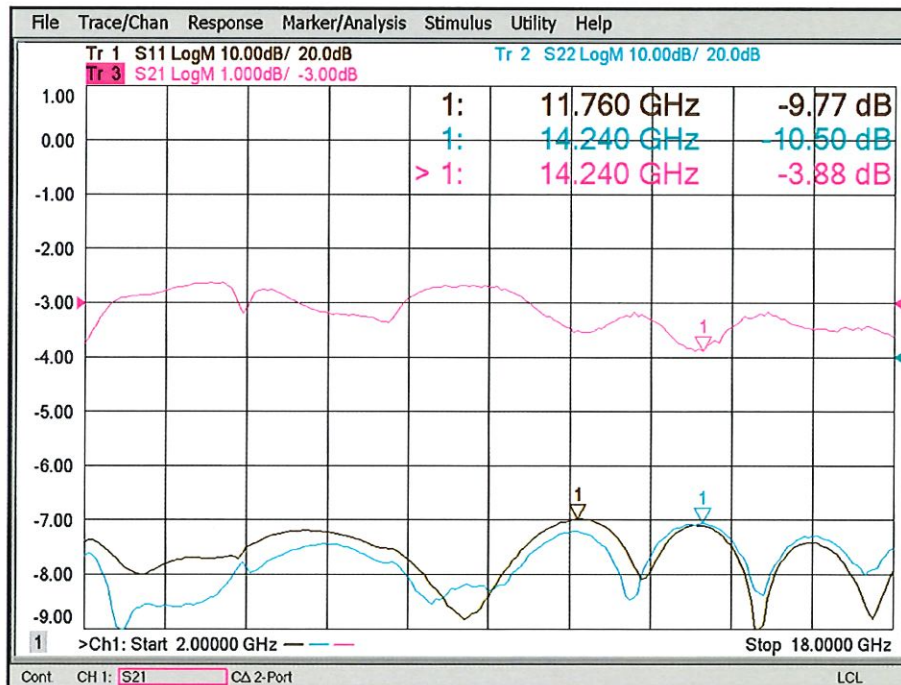
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Insertion Loss and Return Loss (J1 – J2)



Insertion Loss and Return Loss (J1 – J3)

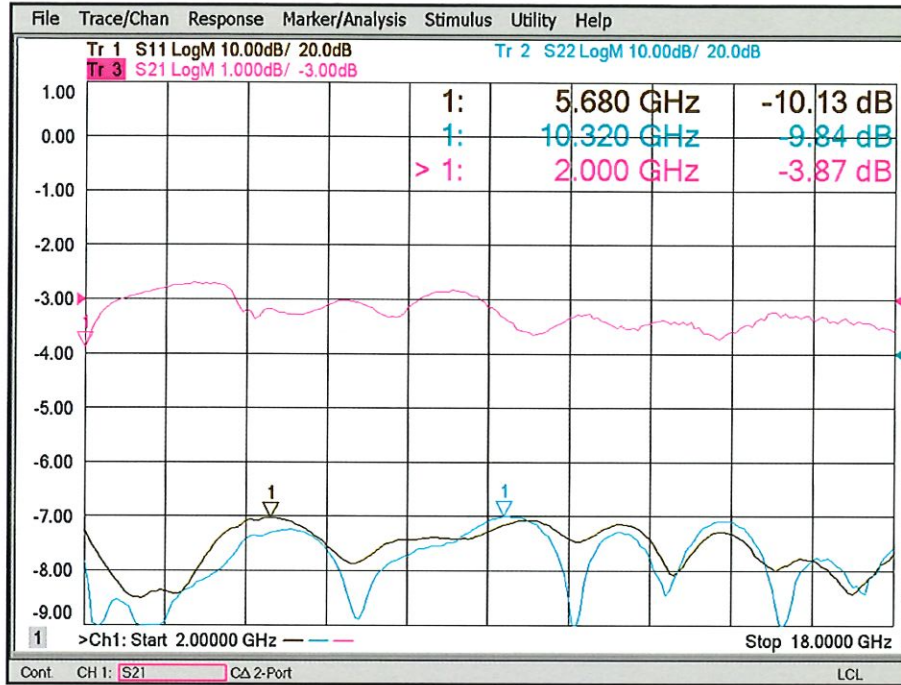




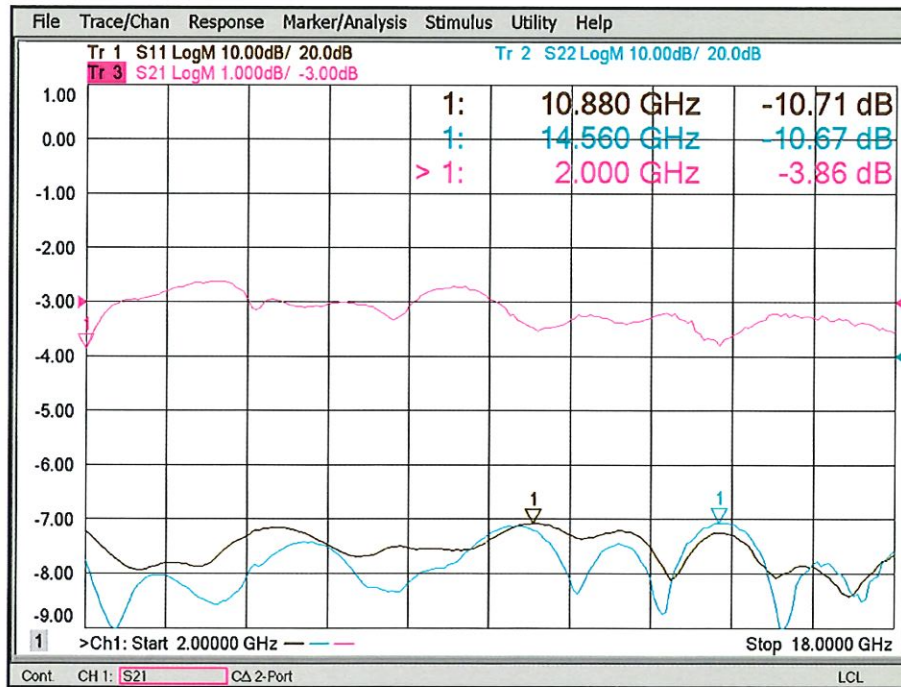
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Insertion Loss and Return Loss (J1 – J4)



Insertion Loss and Return Loss (J1 – J5)

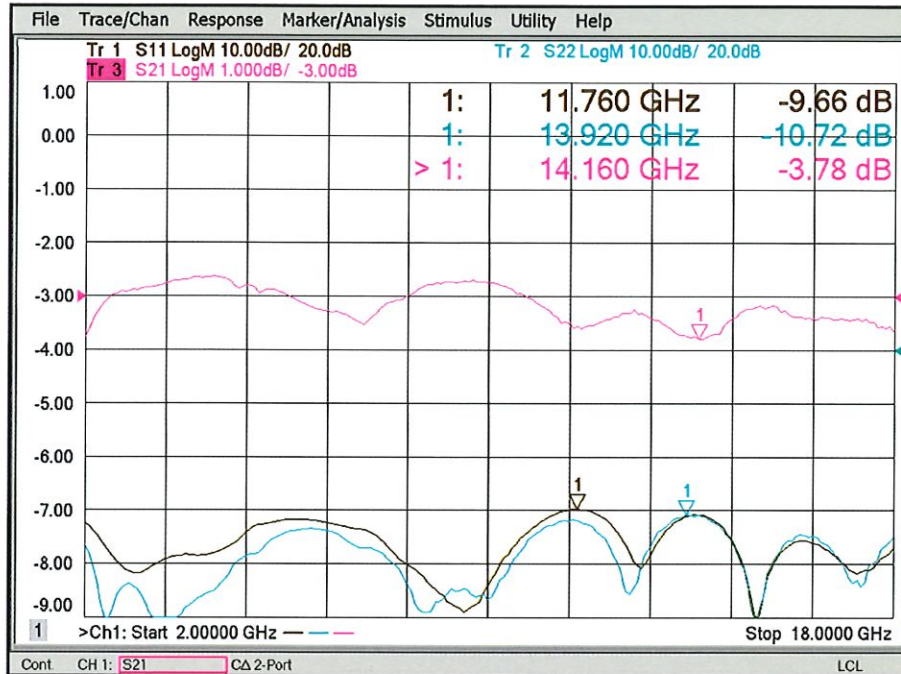




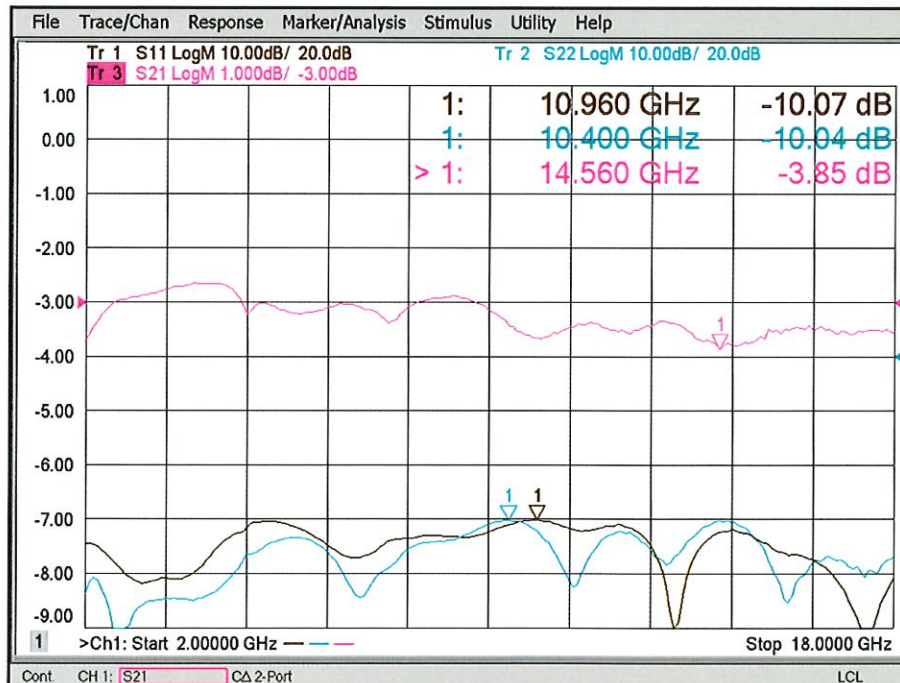
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Insertion Loss and Return Loss (J1 – J6)



Insertion Loss and Return Loss (J1 – J7)

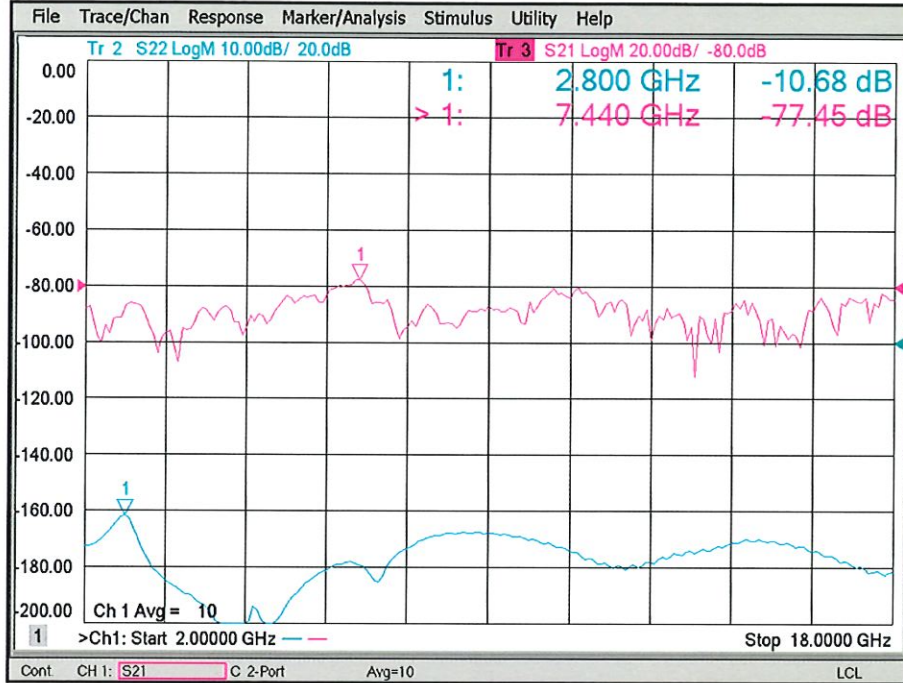




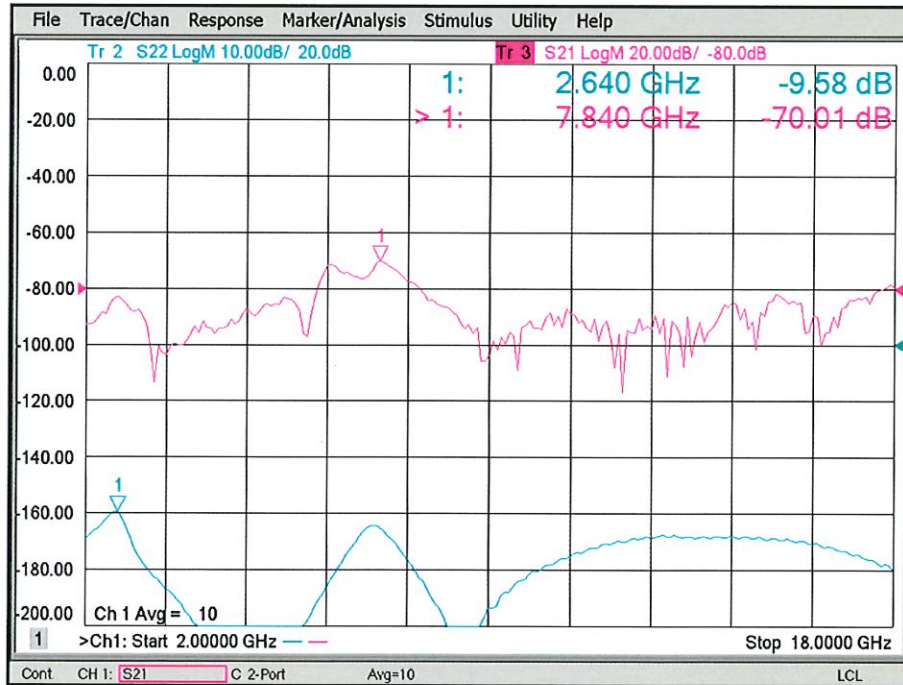
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Isolation and Termination (J1 –J2)



Isolation and Termination (J1 –J3)

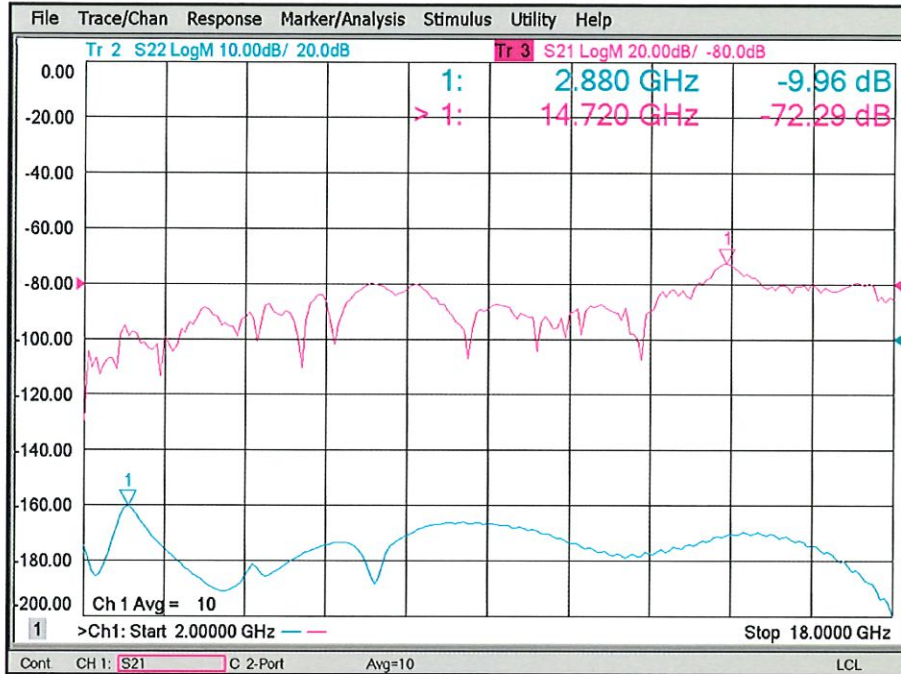




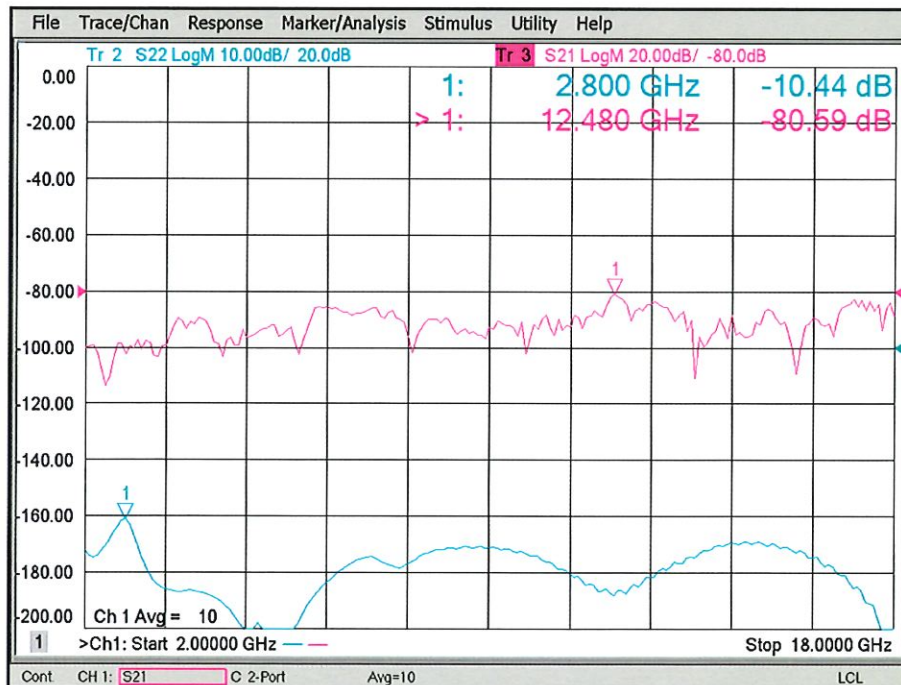
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Isolation and Termination (J1 –J4)



Isolation and Termination (J1 –J5)

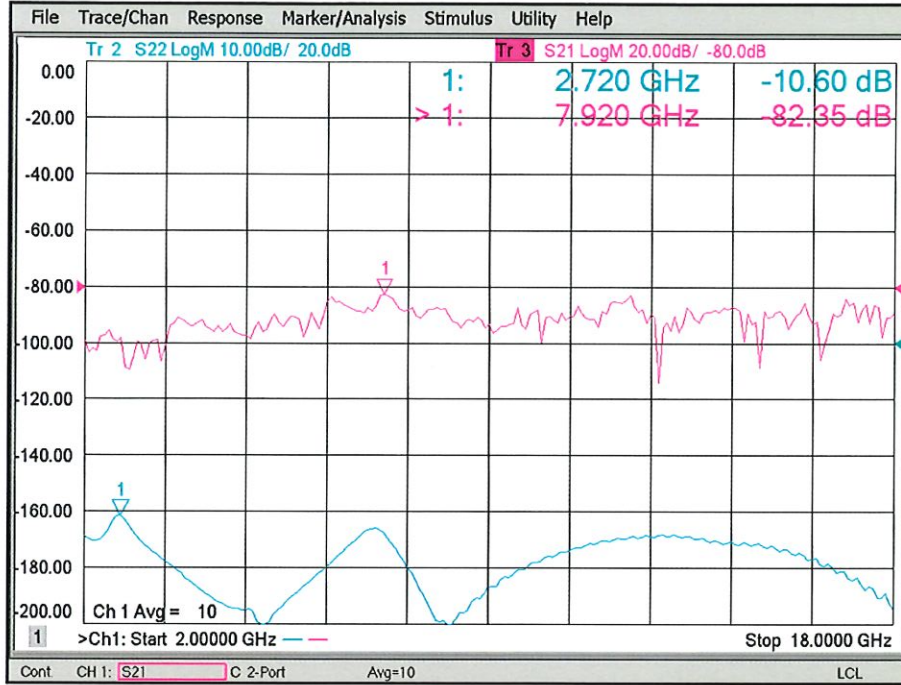




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Isolation and Termination (J1 –J6)



Isolation and Termination (J1 –J7)

