



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

PL21470/1732

| | | |
|---|-----------------------------|----------------|
| Customer: _____ | Tested By: <u>Jerry N</u> | |
| SO No: _____ | Temperature: <u>+25°C</u> | |
| Model No: <u>P6T-2G18G-55-R-512-SFF</u> | Date: <u>08/18/17</u> | |
| Serial No: <u>PL21470/1732</u> | Drawing No: <u>27613452</u> | Rev: <u>A1</u> |

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|------------------|---------------------------------------|---|---------------------------------------|-------------|
| 1 | Frequency Range: | 2 GHz – 18 GHz | 2 GHz – 18 GHz | PMI QA 2 |
| 2 | Insertion Loss: | 7 dB Max. | 5.87 dB (See Plot) | |
| 3 | Input Power: | 10 dBm CW Max | Pass | |
| 4 | RF Power Survival: | 25 dBm | 25 dBm See Typical Characteristics | |
| 5 | VSWR (Input/Output): | 2.0:1 Max | 1.99 :1 (See Plot) | |
| 6 | Isolation: | 55 dB Min. | 58.69 dB (See Plot) | |
| 7 | Switching Speed: | 15 ns Min. | 15 ns See Typical Characteristics | |
| 8 | Video Transients: | 15 mV PP | 15 mV See Typical Characteristics | |
| 9 | Video Transients Spectral Content: | 65 dBm | 65 dBm See Typical Characteristics | |
| 10 | DC Supply: | +5VDC @ 200mA Typ -12VDC @ 60mA Typ | 109 mA @ +5VDC 10 mA @ -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 2 |

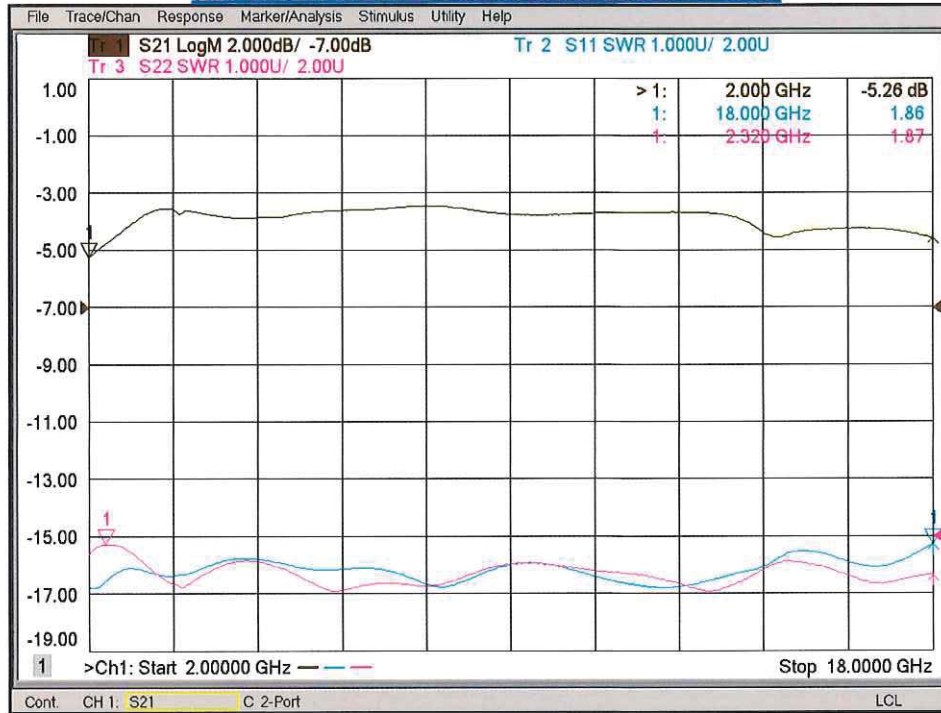
QA/QC Approval:  PMI
QA 2 Date: 8/18/17



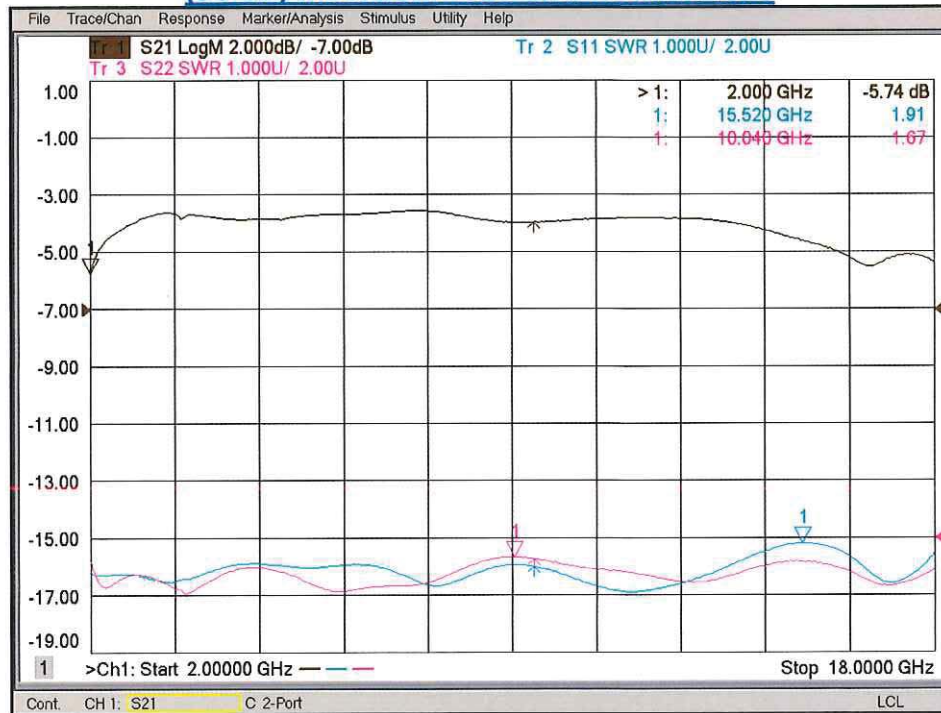
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(J0-J1) Insertion Loss and Return Loss



(J0-J2) Insertion Loss and Return Loss

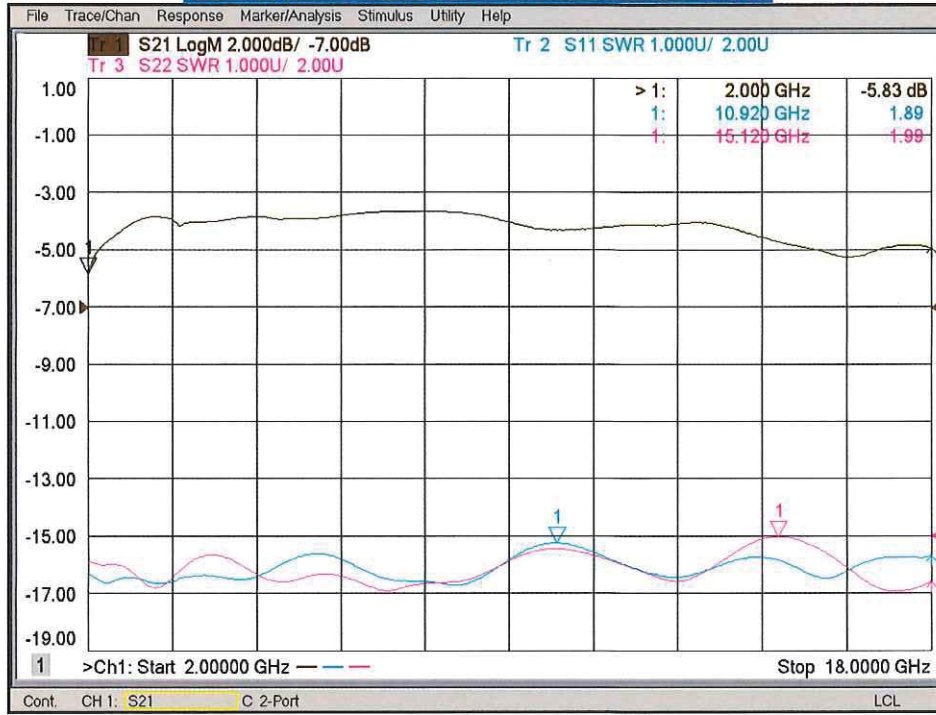




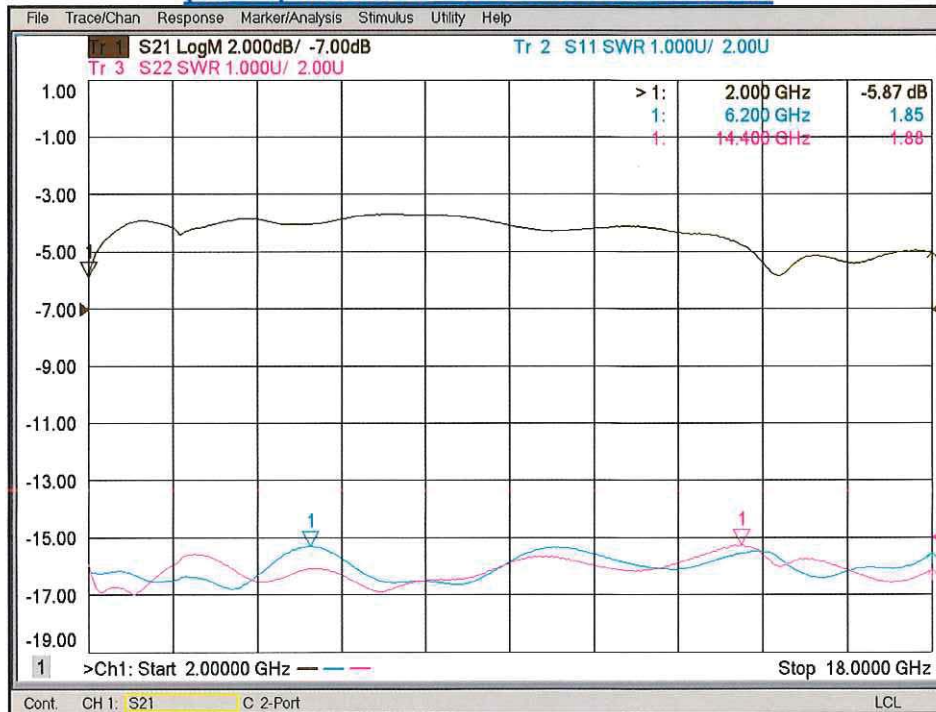
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(J0-J3) Insertion Loss and Return Loss



(J0-J4) Insertion Loss and Return Loss

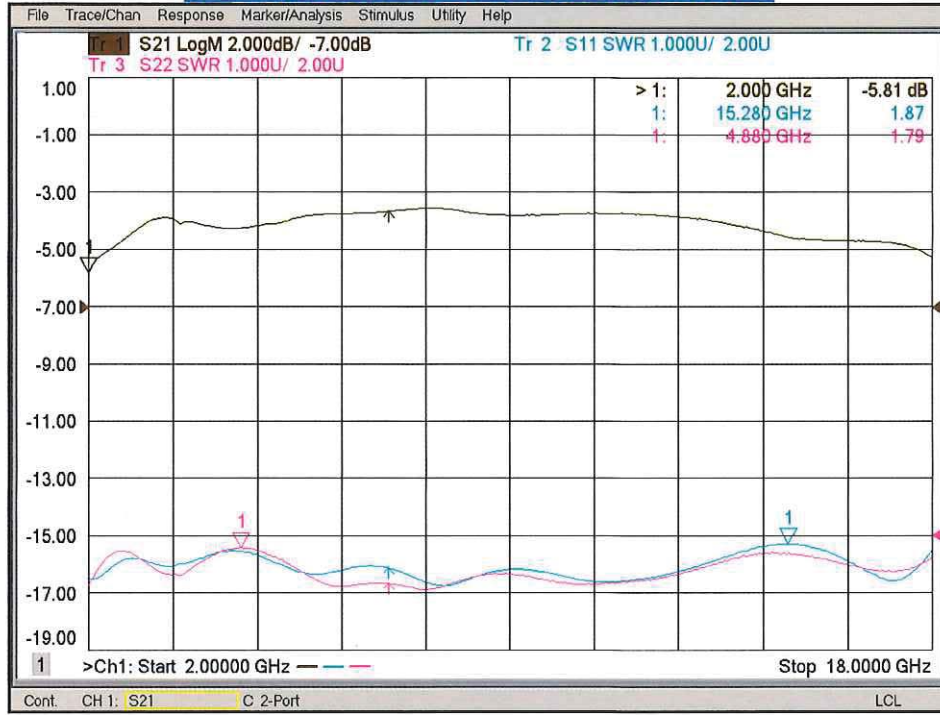




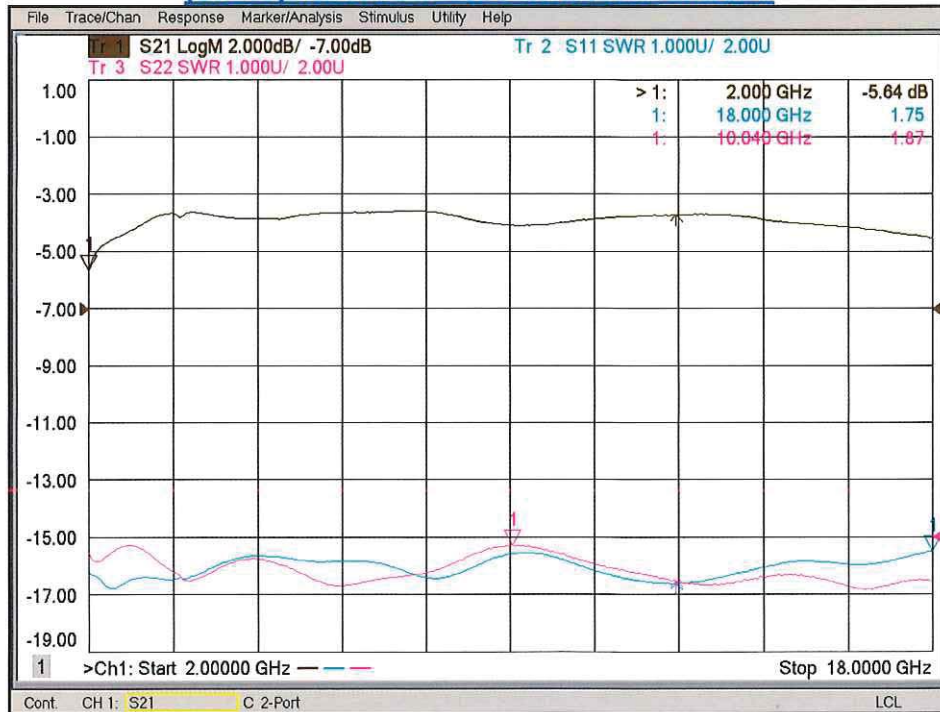
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(J0-J5) Insertion Loss and Return Loss



(J0-J6) Insertion Loss and Return Loss

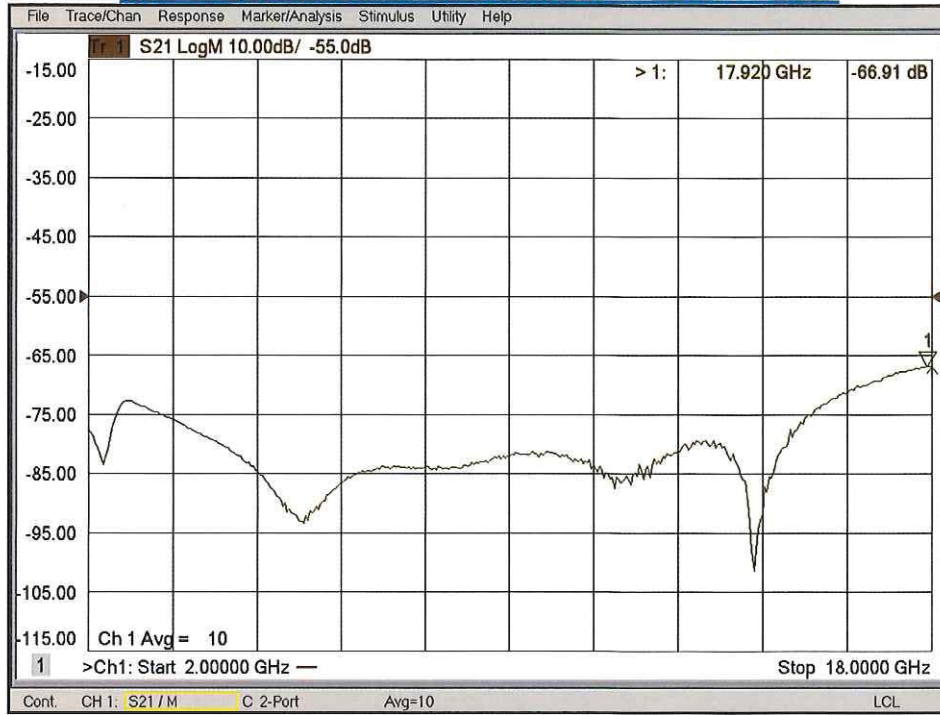




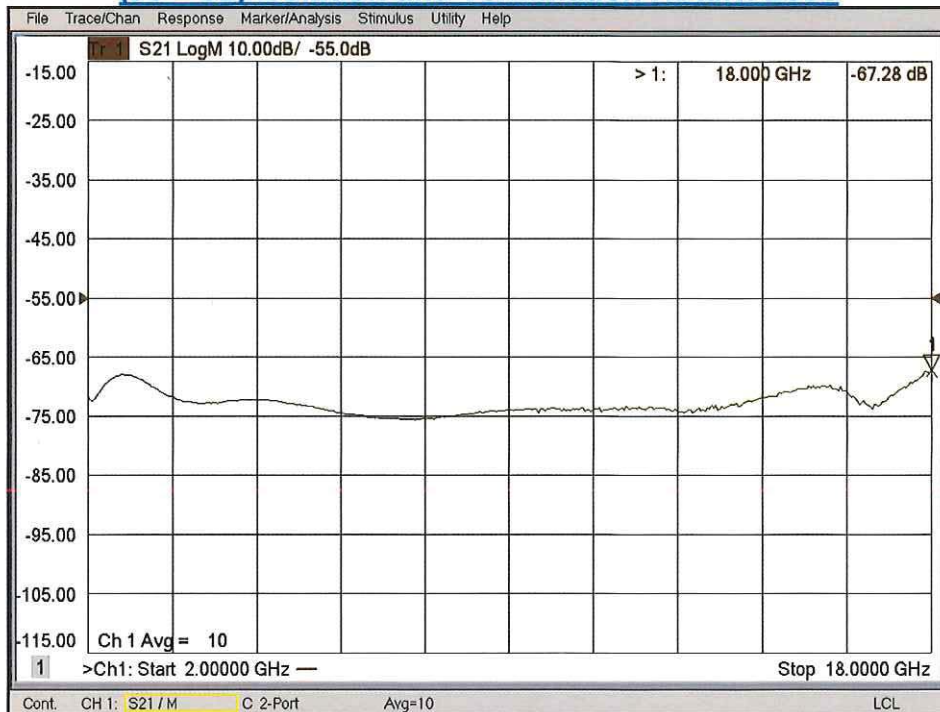
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(J0 – J1) Isolation and Termination Return Loss



(J0 – J2) Isolation and Termination Return Loss

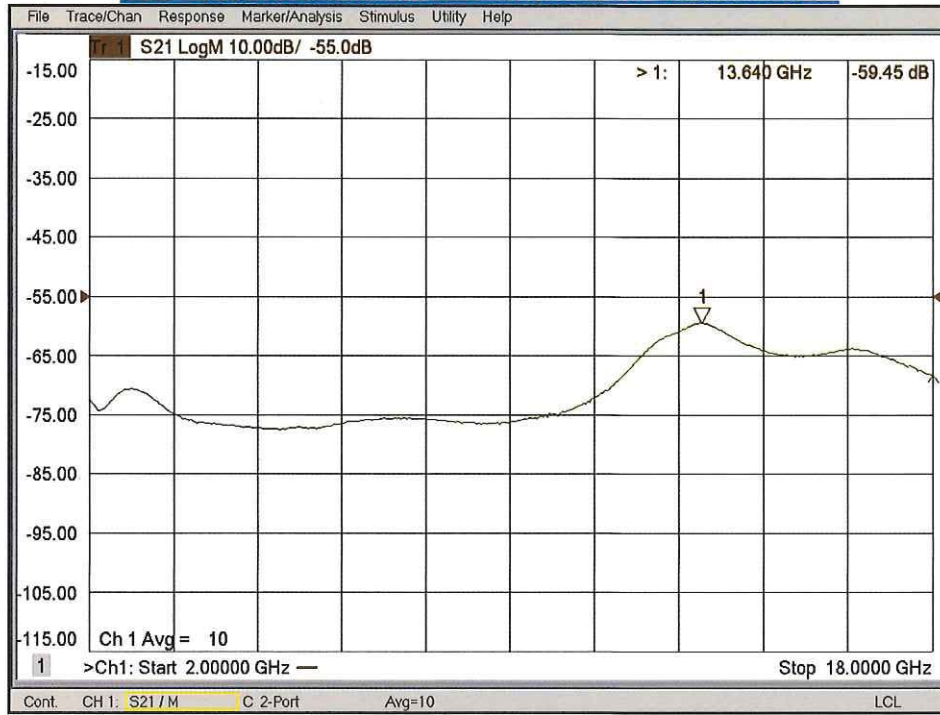




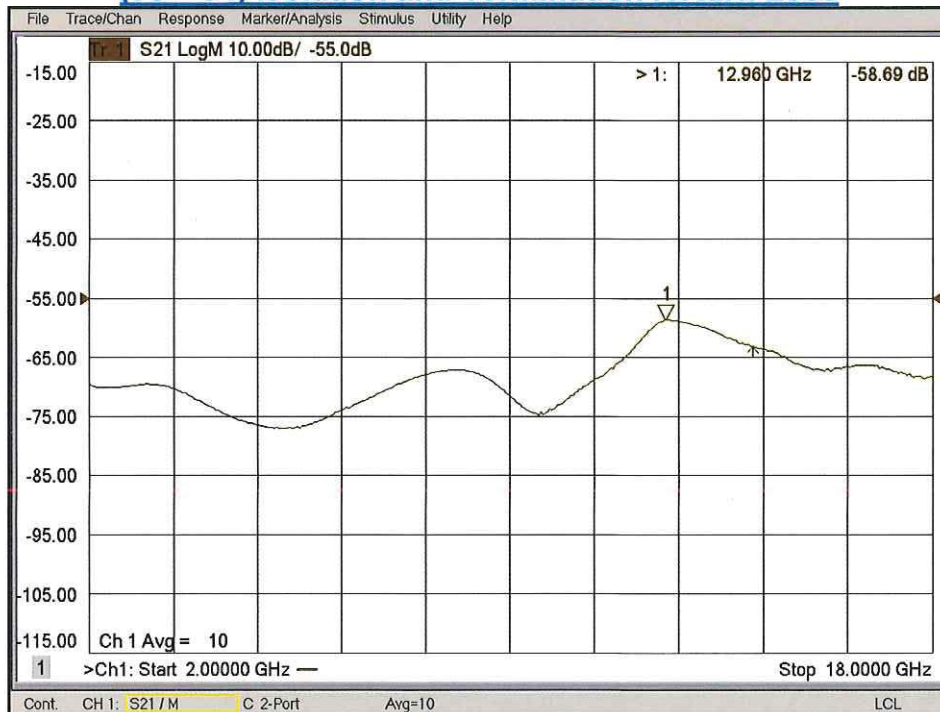
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(J0 – J3) Isolation and Termination Return Loss



(J0 – J4) Isolation and Termination Return Loss

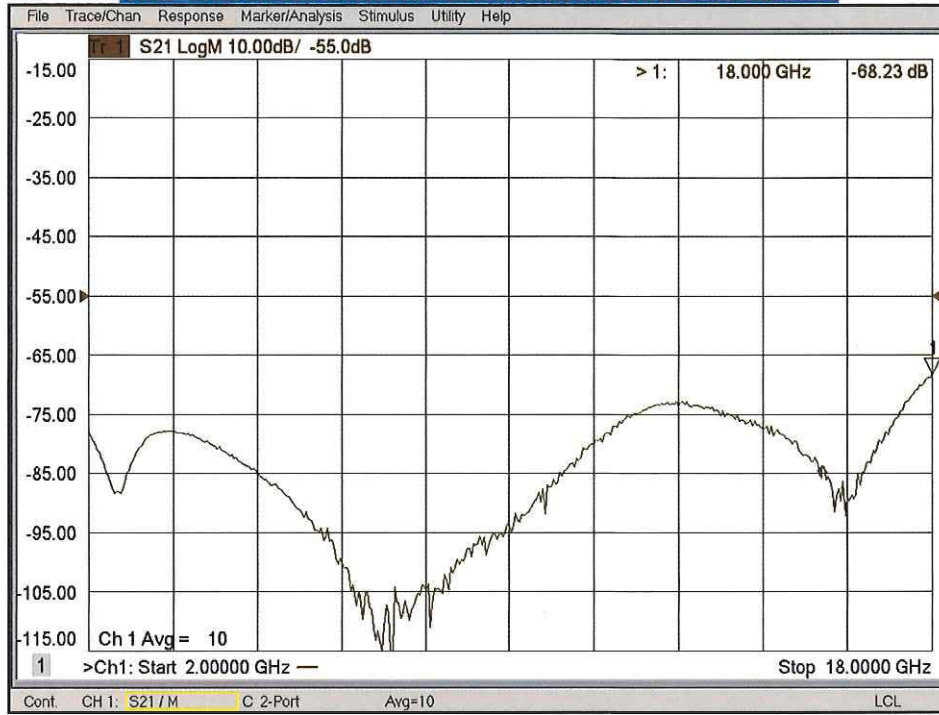




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(J0 – J5) Isolation and Termination Return Loss



(J0 – J6) Isolation and Termination Return Loss

