



**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: _____
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 12223/1250

Tested By: K. Mansfield
 Temperature: +25°C
 Date: 12/21/2012

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC | | |
|--------------------------------------|-------------------------|---|--|-------------------------|--|---|
| 1 | Frequency Range: | 0.8 GHz – 18 GHz | Pass 0.8 GHz – 18 GHz | | | |
| 2 | Insertion Loss: | 4.3dB Max. | Pass (See Plot) | | | |
| 3 | Isolation: | 0.8 GHz to 18 GHz: 60 dB Min | Pass (See Plot) | | | |
| 4 | VSWR: | In/Out 2.0:1 Out/Off 2.0:1 | Pass (See Plot) | | | |
| 5 | Switching Speed: | Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max. | Pass See Typical Characteristics | | | |
| 6 | Input Power: | +20dBm CW (Standard) 1W CW(Survival) | Pass | | | |
| 7 | DC Supply: | +5V @ 350mA Max. -5V @ 100mA Max. | 286mA 46mA | | | |
| 8 | Control Signal: | TTL "0" → (On) TTL "1" → (Off) | Pass | | | |
| SPECIFICATIONS REQUIRED | INSERTION LOSS 4.3dB | VSWR (2:1/9.54dB) | ISOLATION 60dB | SWITCHING SPEED 75ns | POWER ≤20dBm (STD) ≤30dBm (SURVIVAL) | AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB |
| PERFORMANCE VARIATION INCONSISTENCY* | ±0.5dB | ±1dB | ±5dB | ±5ns | COMPLIANT | ≤ 0.75dB |

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

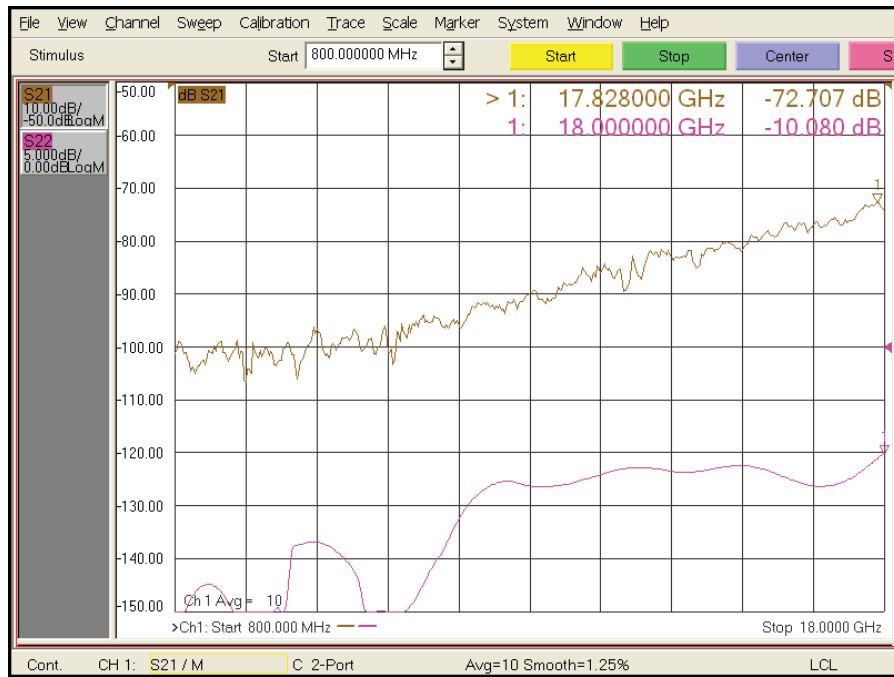


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J1) Insertion Loss and Return Loss



(J8 - J1) Isolation and Termination Return Loss



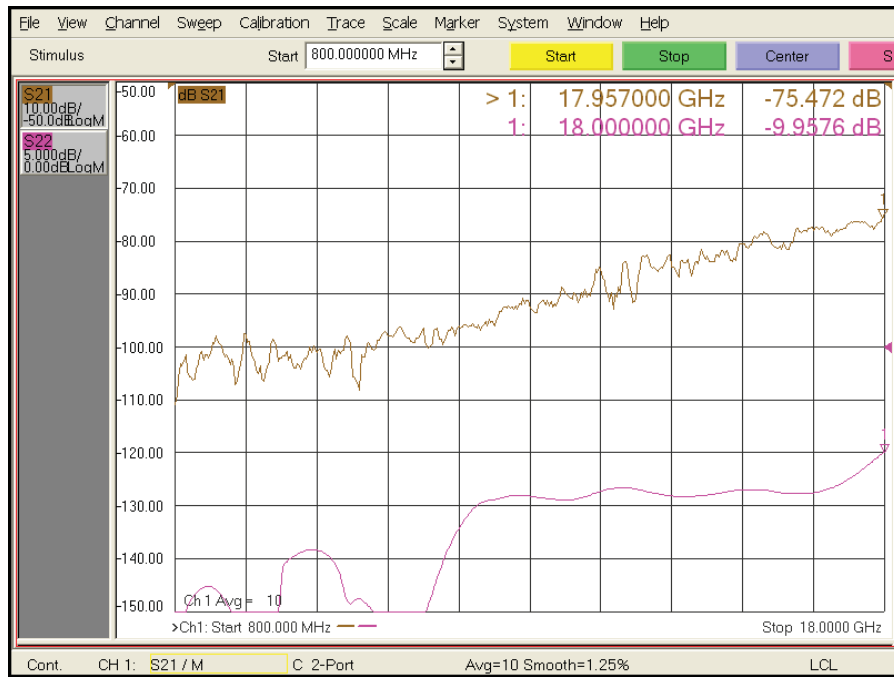


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



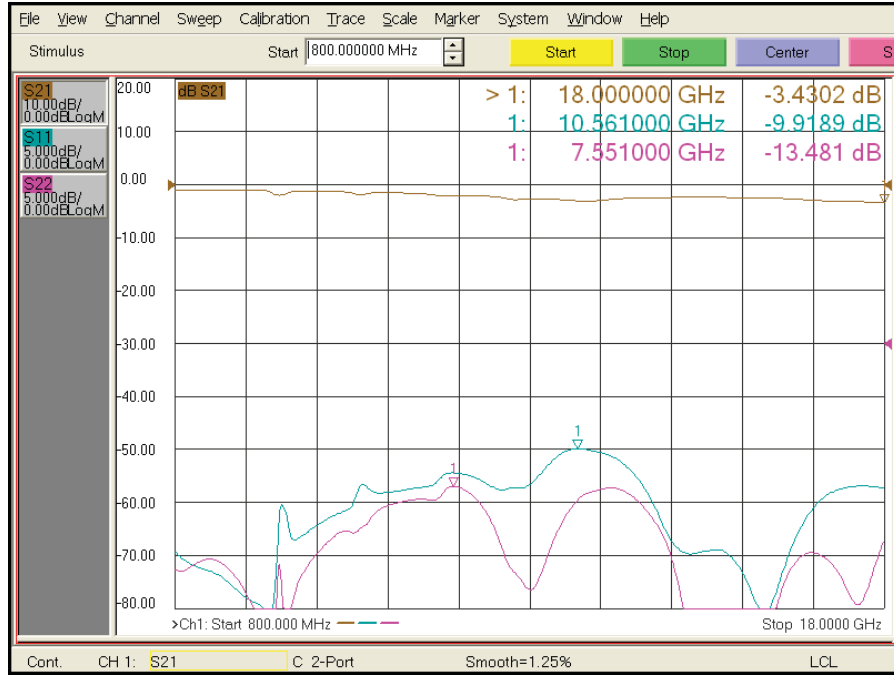
(J8 - J2) Isolation and Termination Return Loss



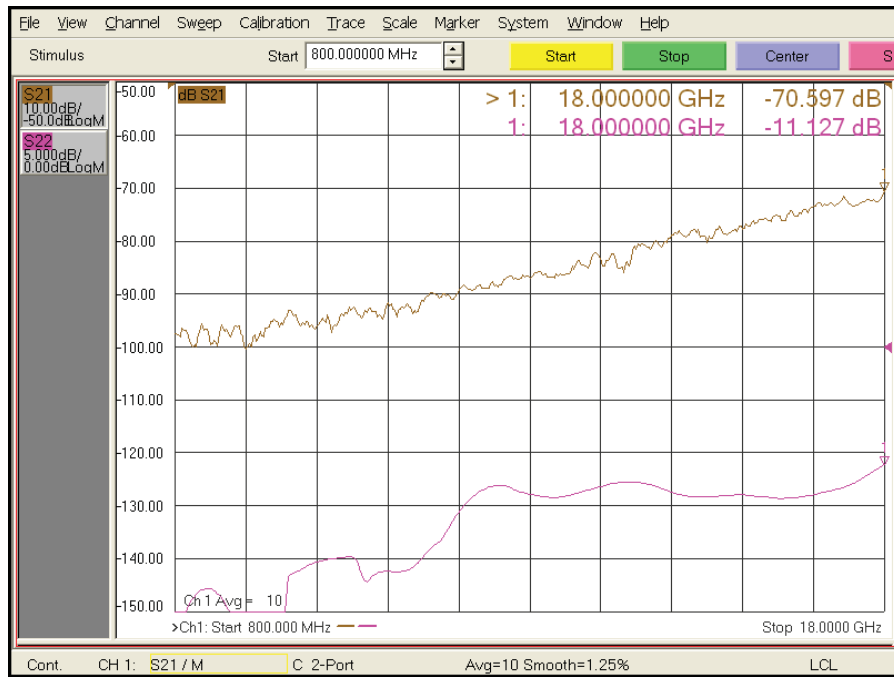


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss



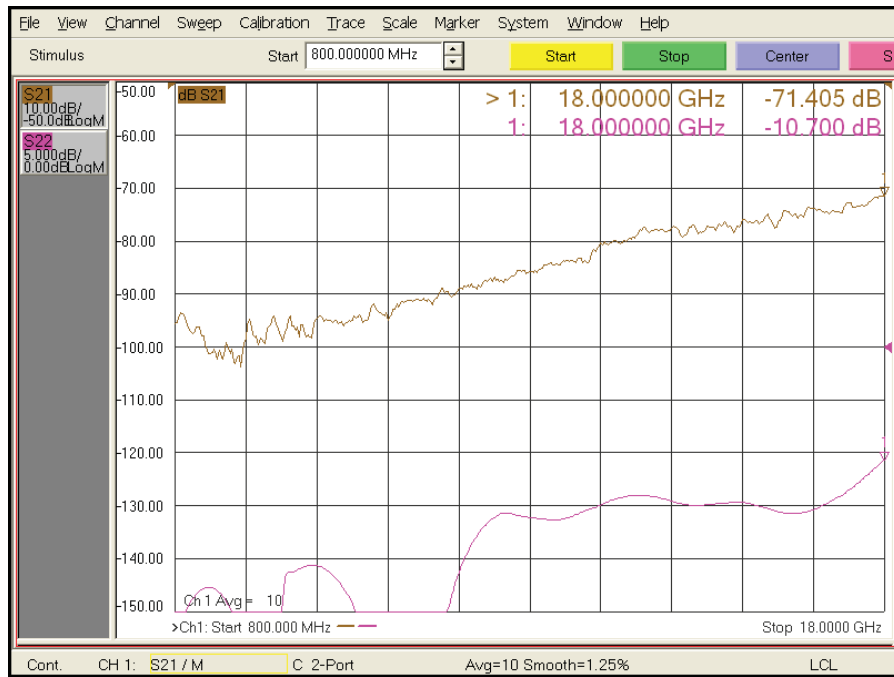


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



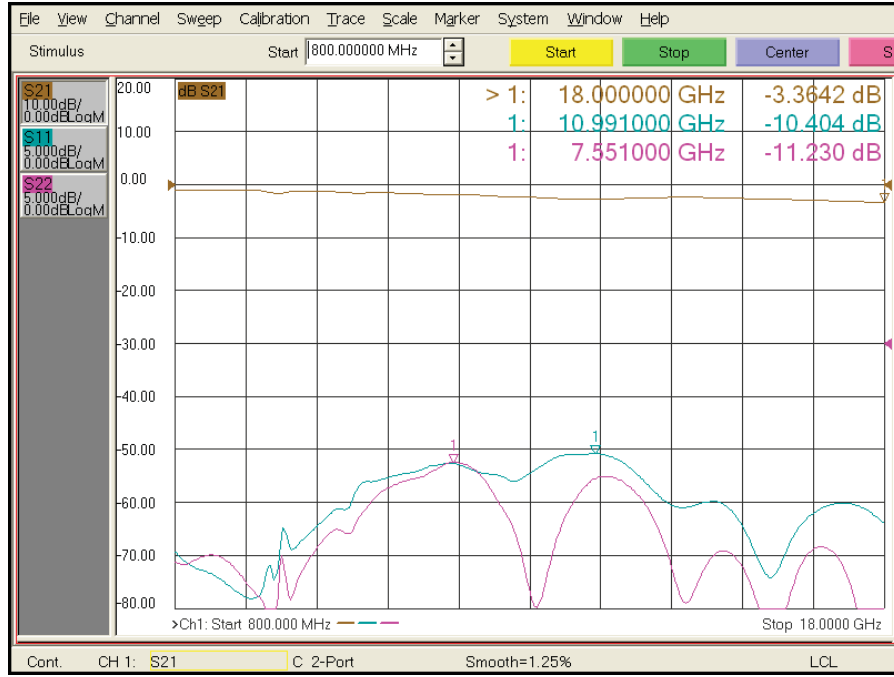
(J8 - J5) Isolation and Termination Return Loss



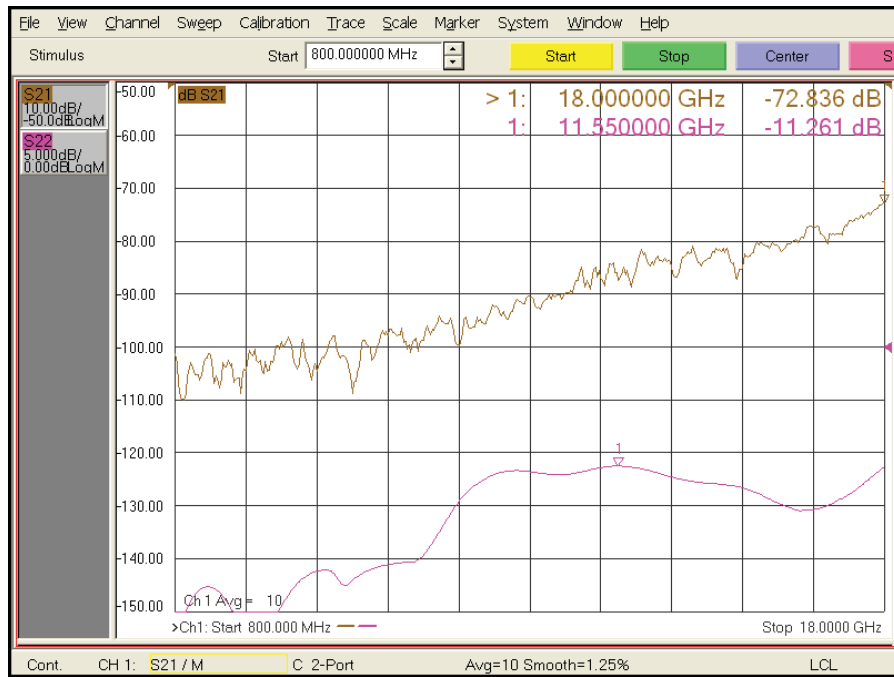


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(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss





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(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss

