



**SUMMARY TEST DATA  
ON  
P1T-6G12G-80-T-SFF-1W**

PL24792/1906

Customer: \_\_\_\_\_ Tested By: L. McGraw  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P1T-6G12G-80-T-SFF-1W Date: 02/11/19  
Serial No: PL24792/1906 Drawing No: 26933390 Rev: A2

| TEST. ITEM NO | PARAMETERS       | SPECIFIED VALUE                                      | TEST RESULTS                                | QA QC       |
|---------------|------------------|--|---|-------------|
| 1             | Frequency Range: | 6.0 to 12.0 GHz                                      | 6.0 to 12.0 GHz                             | PMI<br>QA 1 |
| 2             | Insertion Loss:  | 1.75dB Max   | 1.72dB<br>(See Plot)                        |             |
| 3             | Isolation:       | 80dB Min   | 91dB<br>(See Plot)                          |             |
| 4             | VSWR:            | 2.0:1 Max<br>(1.5:1 Goal)                            | Input: 1.4:1<br>Output: 1.4:1<br>(See Plot) |             |
| 5             | Switching Speed: | 25ns Typ   | Pass<br>(See Typical Characteristics)       |             |
| 6             | Operating Power: | +30dBm Max   | Pass<br>(See Typical Characteristics)       |             |
| 7             | Control          | TTL Logic<br>"0" = Insertion Loss<br>"1" = Isolation | Pass  |             |
| 8             | Power Supply:    | +5VDC @ 50mA Max<br>-15VDC @ 75mA Max                | 40mA<br>70mA                                |             |

QA/QC Approval:  PMI QA 1 Date: 2/11/19

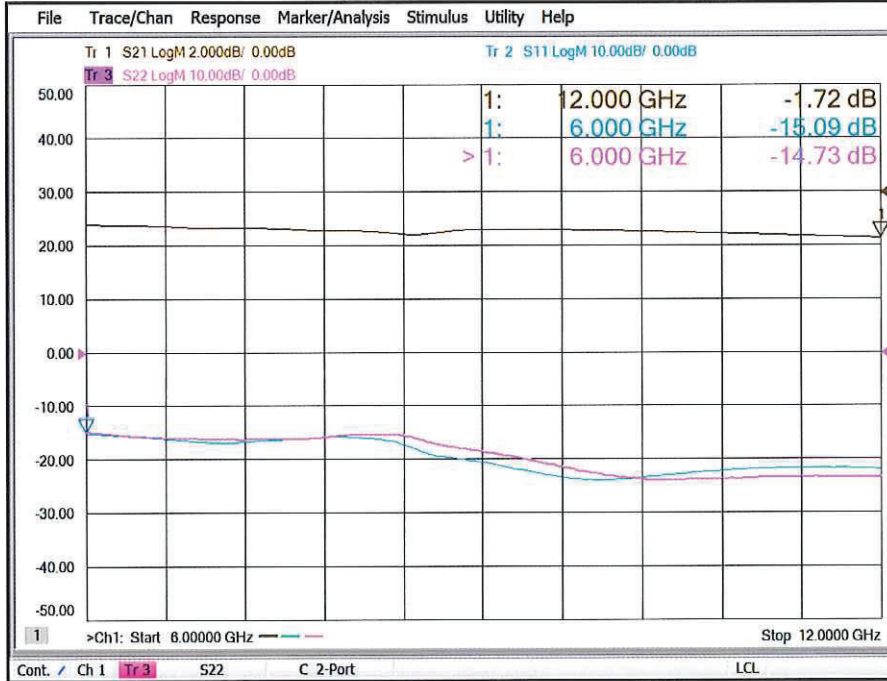
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**Insertion Loss – Return Loss**



**Isolation & Return Loss**

