

**SUMMARY TEST DATA  
ON  
LM-0118-10-1W-SHS-2-FM-ROHS**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: LM-0118-10-1W-SHS-2-FM-ROHS  
Serial No: PL47050/2428

Tested By: John R.  
Temperature: +25°C  
Date: 11/4/2024  
Drawing No: 27648480      REV: A1

| TEST<br>ITEM NO. | PARAMETERS                         | SPECIFIED VALUE                                               | Test Results                           | QA<br>QC   |
|------------------|------------------------------------|---------------------------------------------------------------|----------------------------------------|------------|
| 1                | Frequency Range:                   | 100 MHz to 18 GHz                                             | 100 MHz to 18 GHz                      | PMI<br>QA2 |
| 2                | Insertion Loss:<br>@ -20 dBm Input | 1.8 dB Max.<br>1.5 dB Typ.                                    | 1.5 dB<br>See Graph                    |            |
| 3                | VSWR:<br>@ -20 dBm Input           | 2.0:1 Max.<br>1.5:1 Typ.                                      | 1.7:1 In<br>1.7:1 Out<br>See Graph     |            |
| 4                | Leakage:<br>@ 1 Watt CW Input      | +15 dBm Max.                                                  | +10 dBm<br>See Typical Characteristics |            |
| 5                | Input Power:                       | 5 Watt CW                                                     | Pass<br>See Typical Characteristics    |            |
| 6                | Peak Power:                        | 100Watts Max.<br>( 1 $\mu$ s Pulse Width, 0.1%<br>Duty Cycle) | PASS<br>See Typical Characteristics    | PMI<br>QA2 |
| 7                | Limiting Threshold:                | +10 dBm Typ.                                                  | +3 dBm<br>See Graph                    |            |

QA/QC Approval:



PMI  
QA2

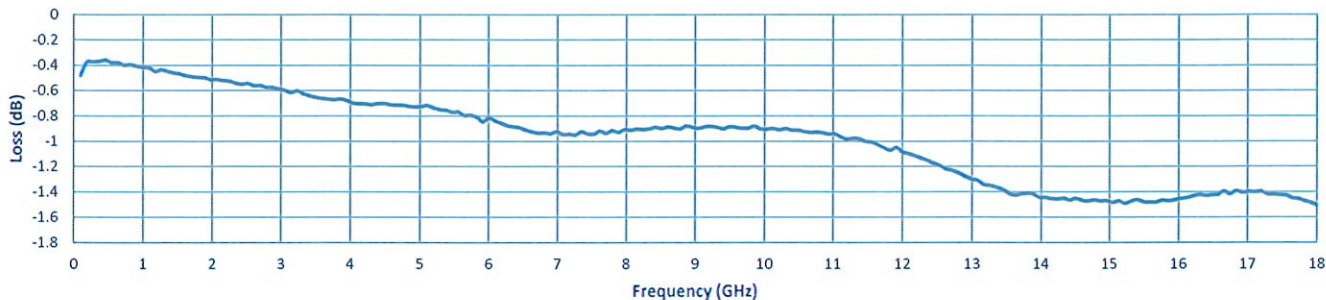
Date:

11/13/2024

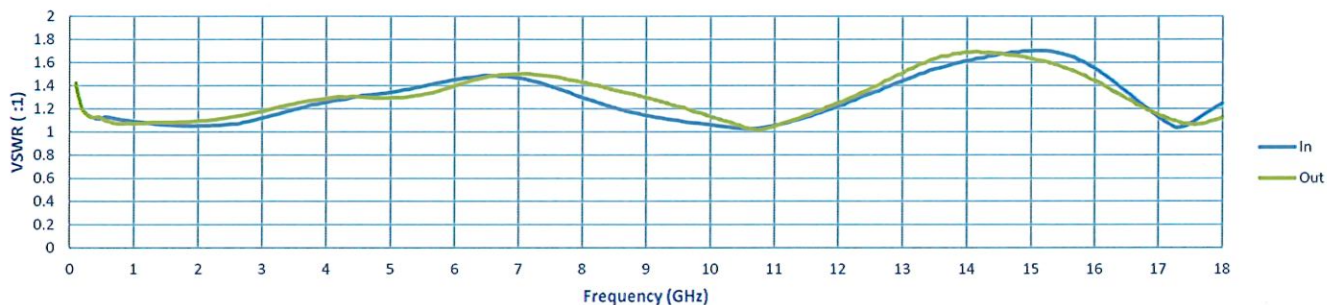
# SUMMARY TEST DATA ON LM-0118-10-1W-SHS-2-FM-ROHS

PL47050/2428

**Insertion Loss @ -20 dB**



**VSWR @ -20 dB**



**Limiter Response with Frequency**

