

# SUMMARY TEST DATA ON LM-0518-10-1W-SHS-1-F

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-0518-10-1W-SHS-1-F  
 Serial No: 65109  
 Part No: \_\_\_\_\_

Tested By: OLIVER K  
 Temperature: +25°C  
 Date: 7/23/2026  
 Drawing No: 27610986 REV: A1

| TEST<br>ITEM NO. | PARAMETERS                         | SPECIFIED VALUE                                                                              | Test Results                           | QA<br>QC   |
|------------------|------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------|------------|
| 1                | Frequency Range:                   | 0.5 GHz to 18 GHz                                                                            | 0.5 GHz to 18 GHz                      | PMI<br>QA6 |
| 2                | Insertion Loss:<br>@ -20 dBm Input | 2.0 dB Max.<br>1.5 dB Typ.                                                                   | 1.77 dB<br>See Graph                   |            |
| 3                | VSWR:<br>@ -20 dBm Input           | 2.0:1 Max.<br>1.5:1 Typ.                                                                     | 1.83:1 In<br>1.82:1 Out<br>See Graph   |            |
| 4                | Leakage:<br>@ 1 Watt CW Input      | +14 dBm Max.<br>+10 dBm Typ.                                                                 | +13 dBm<br>See Typical Characteristics |            |
| 5                | Speed:                             | 10 ns                                                                                        | <10 ns<br>See Typical Characteristics  |            |
| 6                | Input Power:                       | 1 Watt CW, 100 Watts<br>Peak, 1 $\mu$ s Pulse, 0.1%<br>Duty Cycle, Derated to<br>20% @ 125°C | Pass<br>See Typical Characteristics    |            |
| 7                | Limiting Threshold:                | +5 dBm Typ.                                                                                  | +2 dBm<br>See Graph                    |            |

QA/QC Approval:

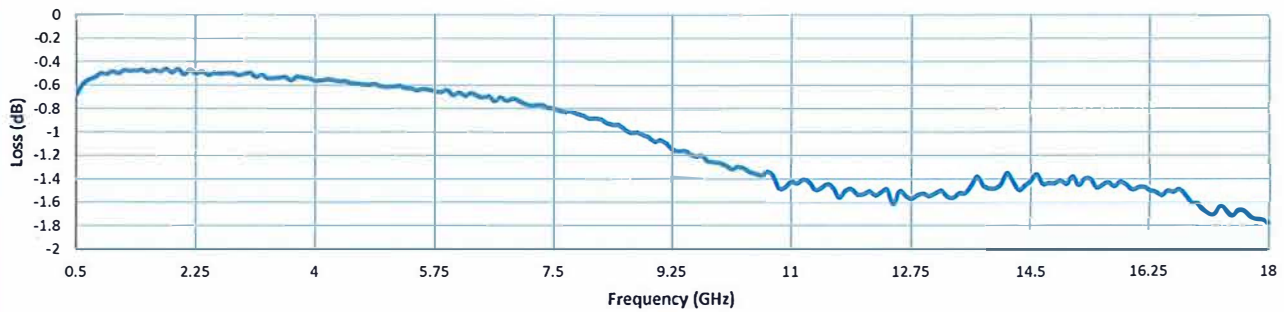
Anthony Karady PMI  
QA6

Date:

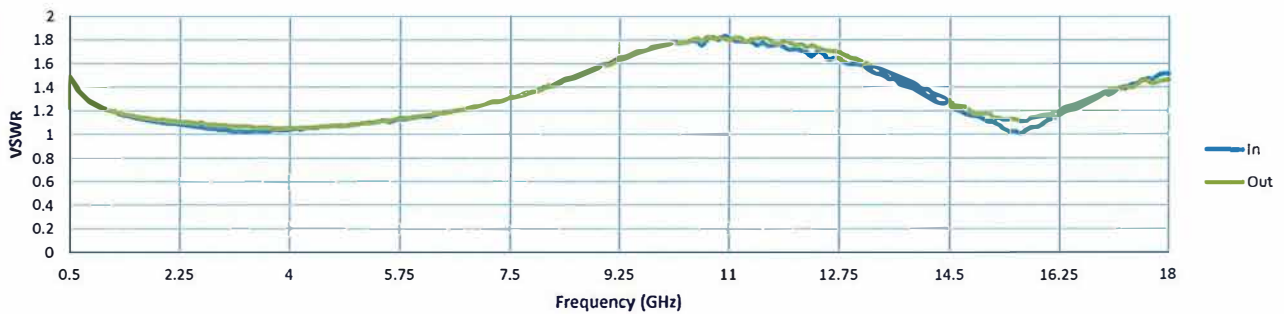
8/12/26

# SUMMARY TEST DATA ON LM-0518-10-1W-SHS-1-F

## Insertion Loss @ -20 dB



## VSWR @ -20 dB



## Limiter Response with Frequency

