



SUMMARY TEST DATA  
ON  
LM-1G18G-15-25W-SMF

Customer: Lockheed Martin, CA  
SO No: 20240118-01-P  
Model No: LM-1G18G-15-25W-SMF  
Serial No: PL46840/2425

Tested By: K. Wagaman  
Temperature: +25°C  
Date: 6/20/2024  
Drawing No: 27633600 REV: A1

| TEST<br>ITEM NO. | PARAMETERS         | SPECIFIED VALUE                            | Test Results                         | QA<br>QC   |
|------------------|--------------------|--------------------------------------------|--------------------------------------|------------|
| 1                | Frequency Range:   | 1.0 to 18.0 GHz                            | 1.0 to 18.0 GHz                      | PMI<br>QA4 |
| 2                | Insertion Loss:    | 2.5 dB Max.<br>@ -20 dBm Input Power       | 1.95 dB<br>See Graph                 |            |
| 4                | VSWR:              | 2.0:1 Max.<br>@ -20 dBm Input Power        | 1.78:1 In<br>1.91:1 Out<br>See Graph |            |
| 3                | Recovery Time:     | 100 ns Typ.                                | Pass<br>See Typical Characteristics  |            |
| 5                | RF Power Handling: | 10 W CW Max.                               | Pass<br>See Typical Characteristics  |            |
|                  |                    | 100 W Peak Max.<br>(40 $\mu$ s PW, 10% DC) | Pass<br>See Typical Characteristics  | PMI<br>QA4 |
| 6                | Leakage Power:     | +17 dBm Typ.                               | Pass<br>See Typical Characteristics  |            |

QA/QC Approval:

*Cammeron Kelley*

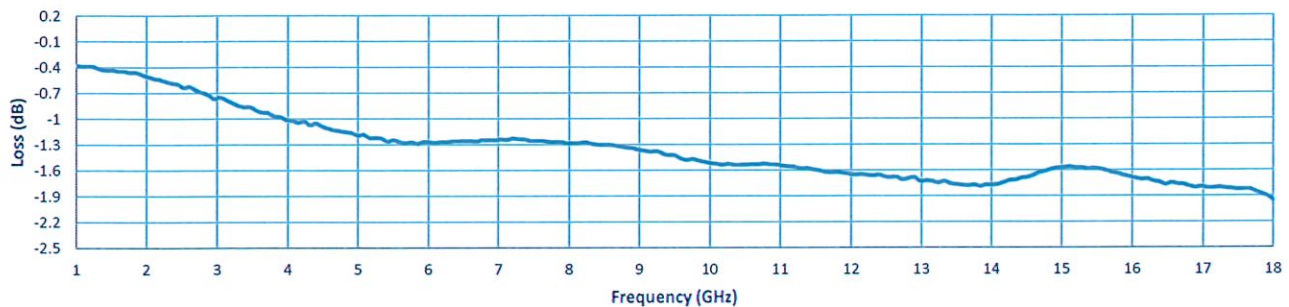
Date:

6/20/24

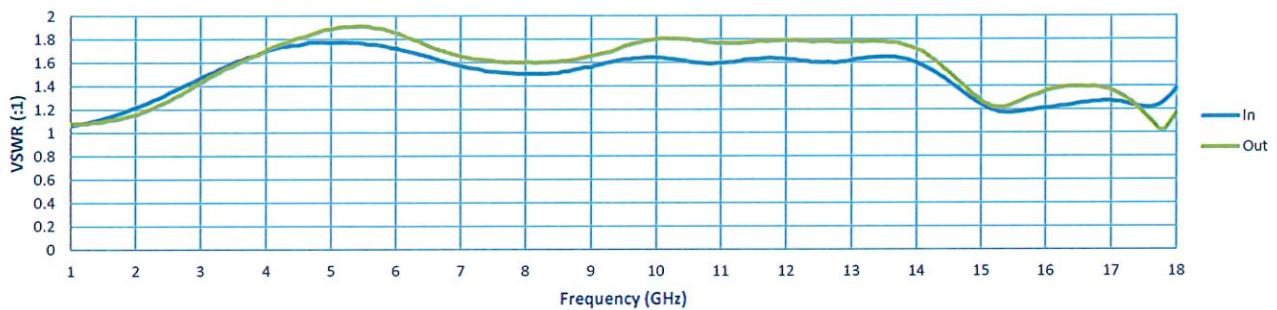
# SUMMARY TEST DATA ON LM-1G18G-15-25W-SMF

PL46840/2425

**Insertion Loss @ -20dBm**



**VSWR @ -20dBm**



**Limiter Response with Frequency**

