

**SUMMARY TEST DATA  
ON  
LM-1G18G-15-10W-500WP-SFF**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: LM-1G18G-15-10W-500WP-SFF  
Serial No: PL47161/2429

Tested By: John R. \_\_\_\_\_  
Temperature: +25°C \_\_\_\_\_  
Date: 7/17/2024 \_\_\_\_\_  
Drawing No: 27648703 \_\_\_\_\_

REV: A1 \_\_\_\_\_

| TEST<br>ITEM NO. | PARAMETERS         | SPECIFIED VALUE                           | Test Results                         | QA<br>QC   |
|------------------|--------------------|-------------------------------------------|--------------------------------------|------------|
| 1                | Frequency Range:   | 1 GHz to 18 GHz                           | 1 GHz to 18 GHz                      | PMI<br>QA4 |
| 2                | Insertion Loss:    | 2.5 dB Max.<br>@ -20 dBm Input Power      | 1.68 dB<br>See Graph                 |            |
| 3                | VSWR:              | 2.0:1 Max.<br>@ -20dBm Input Power        | 1.81:1 In<br>1.83:1 Out<br>See Graph |            |
| 4                | RF Leakage:        | +17 dBm Typ.                              | + 10.41 dBm<br>See Graph             |            |
| 5                | RF Power Handling: | 10 CW Max.<br>100 W Max.                  | Pass<br>See Typical Characteristics  | PMI<br>QA4 |
|                  |                    | 500W Peak Max.<br>(1 $\mu$ s PW, 0.1% DC) | Pass<br>See Typical Characteristics  |            |
| 6                | Recovery Time:     | 100 ns Typ.                               | Pass<br>See Typical Characteristics  |            |

QA/QC Approval:

*Cameron Kelly*

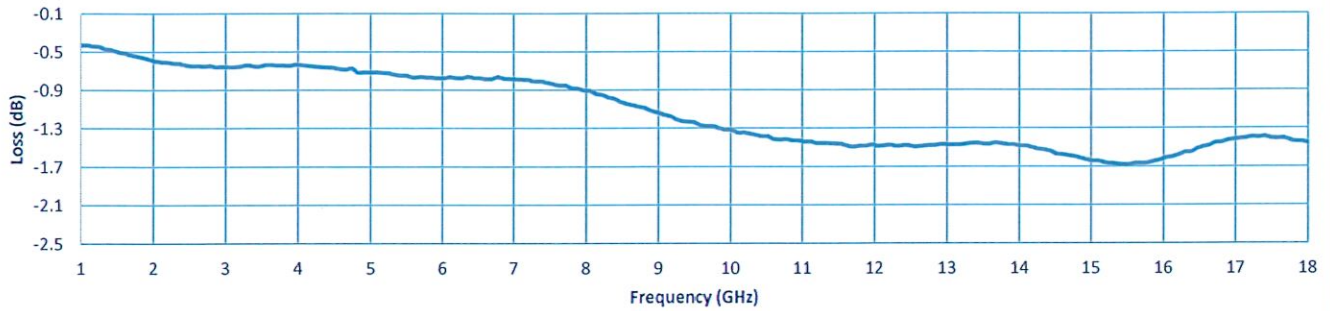
Date:

7/18/24

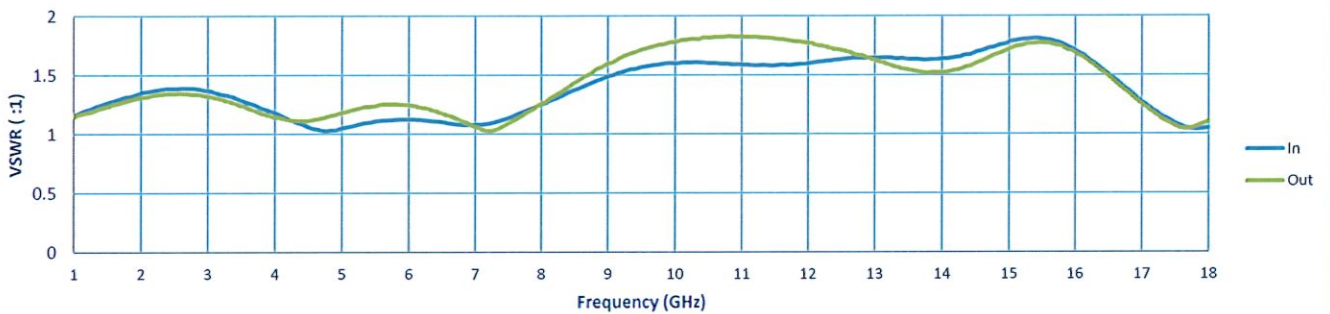
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PL47161/2429

**Insertion Loss @ -20 dBm**



**VSWR @ -20 dBm**



**Limiter Response with Frequency**

