



**SUMMARY TEST DATA  
ON  
LM-20M15G-100W-15DBM**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: LM-20M15G-100W-15DBM  
Serial No: PL37869/2239

Tested By: John R.  
Temperature: +25°C  
Date: 9/19/2022  
Drawing No: 27636460 REV: A1

| TEST<br>ITEM NO. | PARAMETERS                          | SPECIFIED VALUE                                             | Test Results                             | QA<br>QC    |
|------------------|-------------------------------------|-------------------------------------------------------------|------------------------------------------|-------------|
| 1                | Frequency Range:                    | 20 MHz to 15 GHz                                            | 20 MHz to 15 GHz                         | PMI<br>QA 2 |
| 2                | Insertion Loss:                     | 1.8 dB Max<br>@ -10dBm Input Power                          | 1.55 dB<br>See Graph                     |             |
| 3                | Input/Output VSWR:                  | 2.0:1 Max.<br>@ -10 dBm Input Power                         | Input 2 :1<br>Output 1.8 :1<br>See Graph |             |
| 4                | Impedance:                          | 50 $\Omega$                                                 | Pass                                     |             |
| 5                | Max. CW Input Power:                | 100W cw Max<br>@ -55C TO +85C                               | Pass<br>See Typical Characteristics      |             |
| 6                | Max. Pulsed Peak<br>Power Handling: | 1kW Peak<br>(0.1% Duty Cycle, 1 $\mu$ sec Max. Pulse Width) | Pass<br>See Typical Characteristics      |             |
| 7                | Max. Flat Leakage:                  | +15 dBm Max.                                                | Pass<br>See Typical Characteristics      |             |
| 8                | P1dB:                               | +5 dBm Min.                                                 | +6 dBm<br>See Graph                      |             |
| 9                | Recovery Time:                      | 100 ns Max.                                                 | Pass<br>See Typical Characteristics      | PMI<br>QA 2 |

QA/QC Approval:

PMI  
QA 2

Date:

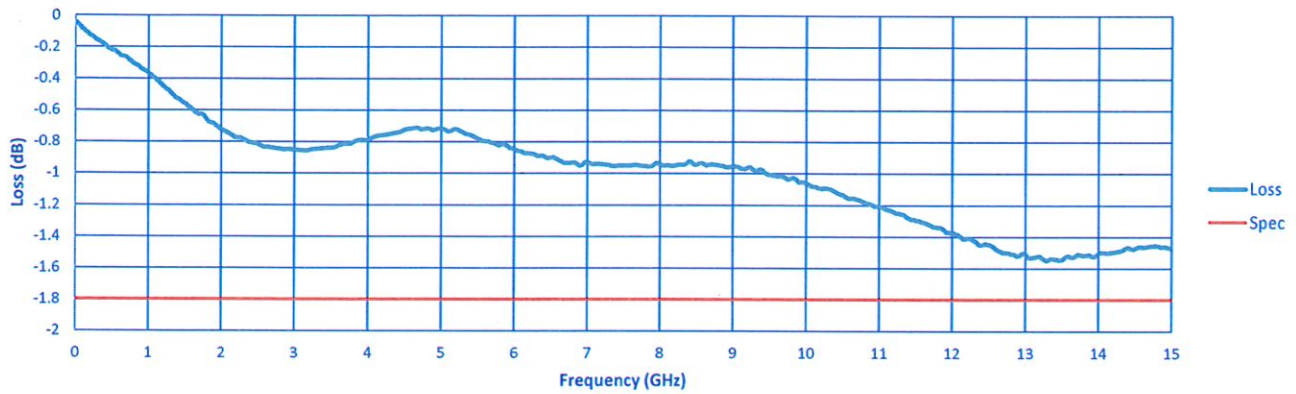
9/20/2022



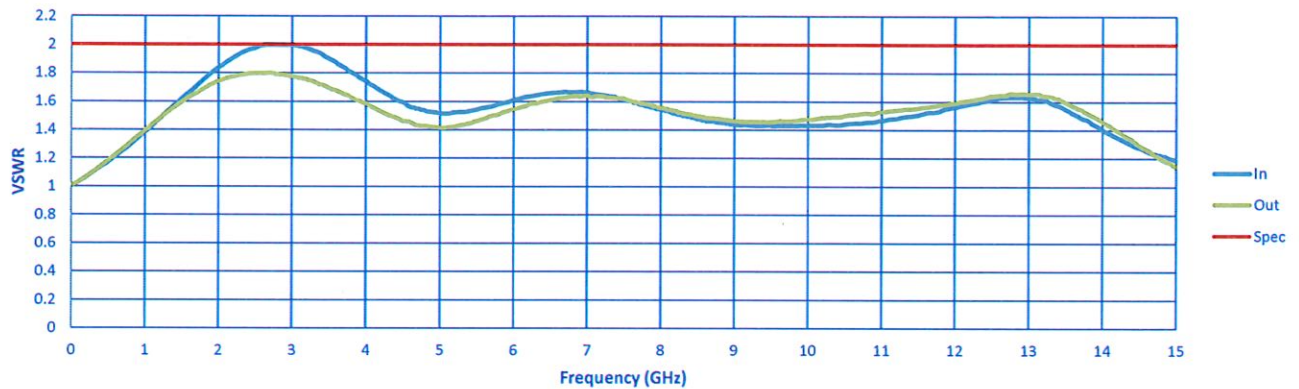
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### Insertion Loss



### VSWR



### Limiter Response with Frequency

