



**SUMMARY TEST DATA  
ON  
LM-20M18G-100W-15DBM**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-20M18G-100W-15DBM  
 Serial No: PL31694/2108

Tested By: A. Lopez  
 Temperature: 25 Degrees C  
 Date: 2/27/2021  
 Drawing No: 27609168      REV: A2

| TEST.<br>ITEM NO | PARAMETERS                       | SPECIFIED VALUE                             | Test Results                        | QA          | QC |
|------------------|----------------------------------|---|-------------------------------------|-------------|----|
|                  |                                  |   |                                     | PMI<br>QA 2 |    |
| 1                | Frequency Range:                 | 20 MHz To 18 GHz                            | 20 MHz To 18 GHz                    | PMI<br>QA 2 |    |
| 2                | Insertion Loss:                  | 2.6 dB Max. @ -10 dBm Input                 | 2.52 dB<br>See Graph                |             |    |
| 3                | Input/Output VSWR:               | 2.0:1 Max. @ -10 dBm Input                  | 1.96:1<br>See Graph                 |             |    |
| 4                | Leakage:                         | +15 dBm Max. @100W CW                       | Pass<br>See Typical Characteristics |             |    |
| 5                | Recovery Time:                   | 100 ns Typical                              | Pass<br>See Typical Characteristics |             |    |
| 6                | Max.CW Input Power:              | 100 Watt CW Max. @-55°C to +85°C            | Pass<br>See Typical Characteristics |             |    |
| 7                | Max. Pulsed Peak Power Handling: | 1KW Peak (0.1% Duty Cycle, 1µs Pulse Width) | Pass<br>See Typical Characteristics |             |    |
| 8                | Limiting Threshold (P1DB):       | +5 dBm Min.                                 | Pass<br>See Typical Characteristics | PMI<br>QA 2 |    |

QA/QC Approval:       PMI QA 2      Date: 2/27/21



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