



# SUMMARY TEST DATA ON LM-10M18G-16-20W-AL-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-10M18G-16-20W-AL-SFF  
 Serial No: PL60984/2627

Tested By: A. Mousavi  
 Temperature: +25°C  
 Date: 7/1/2026  
 Drawing No: 27647500 REV: A1

| TEST<br>ITEM NO. | PARAMETERS            | SPECIFIED VALUE                      | Test Results                         | QA<br>QC   |
|------------------|-----------------------|--------------------------------------|--------------------------------------|------------|
| 1                | Frequency Range:      | 10 MHz to 18.0 GHz                   | 10 MHz to 18.0 GHz                   | PMI<br>QA5 |
| 2                | Insertion Loss:       | 2.0 dB Max.<br>@ -10 dBm Input Power | 1.59 dB<br>See Graph                 |            |
| 3                | Leakage Power:        | +17dBm Max.                          | Pass<br>See Typical Characteristics  |            |
| 4                | Impedance:            | 50 Ohms                              | Pass<br>See Typical Characteristics  |            |
| 5                | Recovery Time (3 dB): | 250 ns Max.<br>@ 1 kW Peak Power     | Pass<br>See Typical Characteristics  |            |
| 6                | VSWR:                 | 2.0:1 Max.<br>@ -10 dBm Input Power  | 1.94:1 In<br>1.96:1 Out<br>See Graph |            |
| 7                | RF Power Handling:    | 20 W CW Max.<br>@ -55° C TO +85° C   | Pass<br>See Typical Characteristics  |            |
|                  |                       | 100W Peak<br>(10 μs PW, 10% DC)      | Pass<br>See Typical Characteristics  |            |
| 8                | Limiting Threshold:   | + 5 dBm Min.<br>(1 dB Compression)   | + 8 dBm<br>See Graph                 | PMI<br>QA5 |

QA/QC Approval:

*Joel M. Ryce*

Date:

7/1/2026

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