



SUMMARY TEST DATA
ON
LM-10M14G-100W-1KWP-SFF-OPT17

Customer: _____
 SO No: _____
 Model No: LM-10M14G-100W-1KWP-SFF-OPT17
 Serial No: PL42304/2339

Tested By: K. Wagaman
 Temperature: +25°C
 Date: 9/28/2023
 Drawing No: 27637020 REV: B1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC | |
|---------------|----------------------------------|---|--------------------------------------|------------|------------|
| 1 | Frequency Range: | 10 MHz to 7 GHz | 10 MHz to 7 GHz | PMI QA2 | |
| 2 | Insertion Loss: | 2 dB Typ. | 1.07 dB See Graph | | |
| 3 | Input/Output VSWR: | 2.0:1 Max. @ -10 dBm Input | 1.68:1 In 1.76:1 Out See Graph | | |
| 4 | Impedance: | 50 Ω | Pass | | |
| 5 | Max. CW Input Power: | 100W CW Max. (1.0 GHz to 7.0 GHz) All Temperatures (-55°C to +85°C) | Pass See Typical Characteristics | | |
| 6 | Max. Pulsed Peak Power Handling: | 1KW Peak (1% Duty Cycle, 1μs Pulse Width) 100W Peak (10% Duty Cycle, 10μs Pulse Width) | Pass See Typical Characteristics | | |
| 7 | Max. Flat Leakage: | +17 dBm Typ. @ 100W CW | Pass See Typical Characteristics | | |
| 8 | P1dB: | + 5 dBm Min. | + 7 dBm See Graph | | |
| 9 | Recovery Time: | 100 ns Max. | Pass See Typical Characteristics | | PMI QA2 |

QA/QC Approval:  PMI
QA2

Date: 9/28/2023

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
 Email: sales@pmi-rf.com

