# SUMMARY TEST DATA

**ON**

**LM-10M50G-20DBM-1W-24FF**

Customer: PMI  
SO No: DEMO-PMI  
Model No: LM-10M50G-20DBM-1W-24FF  
Serial No: DEMO-PMI  
Tested By: A. Lopez  
Temperature: +25°C  
Date: 8/27/2020  
Drawing No:  
REV: A1

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<td>1</td>
<td>Frequency Range:</td>
<td>10MHz to 50 GHz</td>
<td>10MHz to 50GHz</td>
<td>PMI QA 2</td>
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</table>
| 2             | Power Handling       | 10 Watts Peak Max (20MHz to 1GHz)  
6 Watts Peak Max (4 to 8GHz)  
4 Watts Peak Max (12 to 18 GHz)  
1μs, 1% Duty Cycle  
1.5 Watts CW Max (20MHz to 12GHz)  
1 Watt CW Max @ 18GHz | Pass  
See Typical Characteristics | |
| 3             | Insertion Loss       | 10MHz to 18GHz = 1.50 dB Max.  
18 to 40 GHz = 2.30 dB Max  
40 to 50GHz = 2.50 dB Max. | 1.16 dB  
2.09 dB  
2.16 dB  
See Graphs | |
| 4             | VSWR (n/OUT)         | 2.1 Max. (10MHz to 50GHz)                                                        | 1.7:1 In  
1.86:1 Out  
See Graphs | |
| 5             | Flat Leakage Power   | +22 dBm Typ.                                                                     | Pass  
See Typical Characteristics | |
| 6             | P1dB                 | +16 dBm Typ.                                                                     | Pass  
See Typical Characteristics | |
| 7             | Recovery Time        | 100 ns Max.                                                                      | Pass  
See Typical Characteristics | PMI QA 2 |

QA/QC Approval:  
Date: 8/27/20

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