## SUMMARY TEST DATA

**On**

LM-1G18G-15-3W-500WP-SFF

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**Customer:**

SO No: _

Model No: _

Serial No: PL31574/2108

**Tested By:** John R.

**Temperature:** +25°C

**Date:** 2/24/21

**Drawing No:** 27634281

**Rev:** A1

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<table>
<thead>
<tr>
<th>TEST ITEM</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>TEST MEASUREMENT</th>
<th>TEST RESULT</th>
<th>QA QC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Frequency Range</td>
<td>1.0 to 18.0 GHz</td>
<td>1.0 to 18.0 GHz (See Plot)</td>
<td>Pass</td>
<td>PMI QA2</td>
</tr>
<tr>
<td>2</td>
<td>RF Input Power</td>
<td>3 Watts CW Maximum</td>
<td>4 Watts (See Typical Characteristics)</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Peak Input Power</td>
<td>500 W Maximum (@ 0.1% Duty Cycle &amp; 1 μs Pulse Width)</td>
<td>500 Watts</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>RF Leakage</td>
<td>+17 dBm Typical</td>
<td>+18 dBm (See Typical Characteristics)</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Recovery Time</td>
<td>100 ns Typical</td>
<td>33 ns (See Typical Characteristics)</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Insertion Loss</td>
<td>2.5 dB Maximum (@ -20 dBm Input Power)</td>
<td>2.26 dB (See Plot)</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>VSWR</td>
<td>2.0:1 Maximum (@ -20 dBm Input Power)</td>
<td>1.77:1 (See Plot)</td>
<td>Pass</td>
<td></td>
</tr>
</tbody>
</table>

**QA/QC Approval:**

[Signature]

Date: 2/25/21

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SUMMARY TEST DATA
ON
LM-1G18G-15-3W-500WP-SFF

J1-J2 Insertion Loss / VSWR

![Graph showing insertion loss and VSWR data for different frequencies.]

- 18.000000 GHz: -2.2640 dB
- 9.160000 GHz: -11.672 dB
- 13.325000 GHz: -11.184 dB