# SUMMARY TEST DATA

**ON**

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

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**PL31533/2108**

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### Customer:

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### SO No:

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### Model No:

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

### Serial No:

PL31583/2108

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### 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 QA 2</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>1.21 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>1.83:1 (See Plot)</td>
<td>Pass</td>
<td>PMI QA 2</td>
</tr>
</tbody>
</table>

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**QA/QC Approval:**

Signature: [Signature]

Date: 2/25/21

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7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731

Email: sales@pmi-rf.com

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

J1-J2 Insertion Loss / VSWR

1: 18.000000 GHz -2.2069 dB
1: 9.670000 GHz -11.303 dB
1: 15.790000 GHz -10.676 dB