### SUMMARY TEST DATA

**On**

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

**Customer:**

**SO No:**

**Model No:** LM-1G18G-15-3W-500WP-SFF

**Serial No:** PL28492/2013

**Tested By:** B. Slack

**Temperature:** +25°C

**Date:** 3/24/20

**Drawing No:** 27634281

**Rev:** A1

<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 1</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>1.88 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>1.89:1 (See Plot)</td>
<td>Pass</td>
<td>PMI QA 1</td>
</tr>
</tbody>
</table>

**QA/QC Approval:**

[Signature]

Date: 3/24/20

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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
J1-J2 Insertion Loss / VSWR

Channel 1

File Trace/Chan Response Market/Analysis Stimulus Utility Help

Averaging Factor: 1

Tr 1 S11 LegM 10.00dB/ 20.0dB
Tr 3 S22 LegM 10.00dB/ 20.0dB

1: 10.01GHz -1.00 dB
1: 17.00GHz -1.88 dB
1: 10.01GHz -1.25 dB

Ch 1 Avg: 1

>Ch1: Start: 1.0000GHz Stop: 18.0000GHz

Page 2 of 2