# SUMMARY TEST DATA ON
LM-20M15G-100W-15DBM

**Customer:**

**SO No:**

**Model No:** LM-20M15G-100W-15DBM

**Serial No:** PL30884/2046

**Tested By:** A. Lopez

**Temperature:** +25°C

**Date:** 11/13/2020

**Drawing No:** 27338620

**REV:** A1

<table>
<thead>
<tr>
<th>TEST ITEM NO.</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>Test Results</th>
<th>QA QC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Frequency Range:</td>
<td>20 MHz to 15 GHz</td>
<td>20 MHz to 15 GHz</td>
<td>PMI QA 2</td>
</tr>
<tr>
<td>2</td>
<td>RF Power Handling</td>
<td>100W CW Max. @ -55°C to +85°C</td>
<td>1KW Peak Max. +85°C (1μs PW, 0.1% Dcyle 100W (1μs, 1% Dcycle, 10 kHz) 100W (1μs, 0.1% Dcycle 100Hz) 100W (1μs, 0.1% Dcycle, 1kHz) 100W (40μs, 10% Dcyle, 2.5kHz)</td>
<td>Pass See Typical Characteristics</td>
</tr>
<tr>
<td>3</td>
<td>Insertion Loss</td>
<td>1.80 dB Max. (-10dBm Input Power)</td>
<td>1.64 dB See Graph</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Leakage Power</td>
<td>+15 dBm Max. @ 100W CW</td>
<td>Pass See Typical Characteristics</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>VSWR</td>
<td>2.0:1 Max (-10 dBm Input Power)</td>
<td>1.86 :1 See Graph</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Limiting Threshold (P1dB)</td>
<td>+5 dBm Min.</td>
<td>5 dBm See Graph</td>
<td>PMI QA 2</td>
</tr>
<tr>
<td>7</td>
<td>Recovery Time:</td>
<td>100 ns Typ.</td>
<td>Pass See Typical Characteristics</td>
<td></td>
</tr>
</tbody>
</table>

**QA/QC Approval:**

[Signature]

PMI QA 2

**Date:** 11/17/20

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SUMMARY TEST DATA ON
LM-20M15G-100W-15DBM

Insertion Loss

VSWR

Limiter Response with Frequency

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