# SUMMARY TEST DATA

**ON**

**LM-20M18G-100W-15DBM**

**Customer:**

**SO No:**

**Model No:** LM-20M18G-100W-15DBM

**Serial No:** PL31729/2110

**Tested By:** A. Lopez

**Temperature:** 25 Degrees C

**Date:** 3/8/2021

**Drawing No:** 27438620

**REV:** A1

<table>
<thead>
<tr>
<th>TEST ITEM NO</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Frequency Range:</td>
<td>20 MHz To 18 GHz</td>
<td>20 MHz To 18 GHz PMI QA 2</td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss:</td>
<td>2.6 dB Max. @ -10 dBm Input</td>
<td>2.32 dB See Graph</td>
</tr>
<tr>
<td>3</td>
<td>Input/Output VSWR:</td>
<td>2.0:1 Max. @ -10 dBm Input</td>
<td>1.97:1 See Graph</td>
</tr>
<tr>
<td>4</td>
<td>Leakage:</td>
<td>+15 dBm Max. @100W CW</td>
<td>Pass See Typical Characteristics</td>
</tr>
<tr>
<td>5</td>
<td>Recovery Time:</td>
<td>100 ns Typical</td>
<td>Pass See Typical Characteristics</td>
</tr>
<tr>
<td>6</td>
<td>Max.CW Input Power:</td>
<td>100 Watt CW Max. @-55°C to +85°C</td>
<td>Pass See Typical Characteristics</td>
</tr>
<tr>
<td>7</td>
<td>Max. Pulsed Peak Power Handling:</td>
<td>1KW Peak (0.1% Duty Cycle, 1μs Pulse Width)</td>
<td>Pass See Typical Characteristics</td>
</tr>
<tr>
<td>8</td>
<td>Limiting Threshold (P1DB):</td>
<td>+5 dBm Min.</td>
<td>5 dB PMI QA 2</td>
</tr>
</tbody>
</table>

**QA/QC Approval:**

[Signature]

**Date:** 3/8/21

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7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)652-1731

Email: sales@pmi-rf.com
SUMMARY TEST DATA
ON
LM-20M18G-100W-15DBM

Limiter Response with Frequency

Output Power (dBm)

Input Power (dBm)