## SUMMARY TEST DATA

**ON**

LM-20M18G-100W-15DBM

<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 18 GHz</td>
<td>20 MHz To 18 GHz</td>
<td>PMI QA2</td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss:</td>
<td>2.6 dB Max. @ -10 dBm Input</td>
<td>2.04 dB See Graph</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Input/Output VSWR:</td>
<td>2.0:1 Max. @ -10 dBm Input</td>
<td>1.95:1 See Graph</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Leakage:</td>
<td>+15 dBm Max. @100W CW</td>
<td>Pass See Typical Characteristics</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Recovery Time:</td>
<td>100 ns Typical</td>
<td>Pass See Typical Characteristics</td>
<td></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>
<td></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>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Limiting Threshold (P1DB):</td>
<td>+5 dBm Min.</td>
<td>5 dB</td>
<td>PMI QA2</td>
</tr>
</tbody>
</table>

QA/QC Approval: [Signature]

Date: 3/8/21
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Insertion Loss

VSWR
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Limiter Response with Frequency

-14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Input Power (dBm)

-14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Output Power (dBm)

-20 MHz
-4 GHz
-7 GHz
-11 GHz
-14 GHz
-18 GHz

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