# SUMMARY TEST DATA
ON
LM-20M18G-100W-15DBM

Customer: 
SO No: 
Model No: LM-20M18G-100W-15DBM 
Serial No: PL345072/143 

Tested By: A. Lopez 
Temperature: 25 Degrees C 
Date: 10/30/2021 
Drawing No: 27438620 
REV: A1

<table>
<thead>
<tr>
<th>TEST. ITEM NO</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>Test Results</th>
<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 QA1</td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss:</td>
<td>2.6 dB Max. @ -10 dBm Input</td>
<td>2.58 dB</td>
<td>See Graph</td>
</tr>
<tr>
<td>3</td>
<td>Input/Output VSWR:</td>
<td>2.0:1 Max. @ -10 dBm Input</td>
<td>1.96:1</td>
<td>See Graph</td>
</tr>
<tr>
<td>4</td>
<td>Leakage:</td>
<td>+15 dBm Max. @100W CW</td>
<td>Pass</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td>5</td>
<td>Recovery Time:</td>
<td>100 ns Typical</td>
<td>Pass</td>
<td>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</td>
<td>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</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td>8</td>
<td>Limiting Threshold (P1DB):</td>
<td>+5 dBm Min.</td>
<td>5 dB</td>
<td>PMI QA1</td>
</tr>
</tbody>
</table>

QA/QC Approval: ___________________________ Date: 10/30/21

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

Insertion Loss

VSWR

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)562-5019 Fax: (301)562-1731
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SUMMARY TEST DATA
ON
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Limiter Response with Frequency

Output Power (dBm)

Input Power (dBm)

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

-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

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