## SUMMARY TEST DATA ON LM-1G18G-16-4W-SMF

**Customer:**

**SO No:**

**Model No:** LM-1G18G-16-4W-SMF

**Serial No:** PL22745/1822

**Temperatue:** +25°C

**Date:** 06/05/18

**Tested By:** A. Lopez

**Drawing No:** 27634040

**Rev:** A1

### TEST ITEM | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA/QC
--- | --- | --- | --- | ---
1 | Frequency Range | 1.0 to 18.0 GHz | 1.0 to 18.0 GHz |  
2 | RF Power Handling (@+85°C) | 4W CW Min | Pass (See Typical Characteristics) |  
3 | Insertion Loss | 2.3 dB Max @ -10 dBm Input Power | 1.72 dB (See Plot) |  
4 | Recovery Time (3 dB) | 250 ns Max @ 1000 W Peak Power | Pass (See Typical characteristics) |  
5 | Leakage Power | 40 mW Max | Pass (See Typical characteristics) |  
6 | Spike Leakage | 0.1 erg. Max | Pass |  
7 | VSWR | 2.0:1 Max @ -10 dBm Input Power | 1.92 :1 (See Plot) |  
8 | Limiting Threshold | +5 dBm Min (1 dB Compression) | Pass (See Typical Characteristics) |  

**QA/QC Approval:**

**Date:**
(J1-J2) Insertion Loss and Return Loss

File: Tr 1 S11 LogM 5.000dB / 0.00dB
      Tr 2 S21 LogM 10.000dB / 0.00dB
      Tr 3 S22 LogM 5.000dB / 0.00dB

<table>
<thead>
<tr>
<th></th>
<th>1:</th>
<th>1.000 GHz</th>
<th>-9.99 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2:</td>
<td>18.000 GHz</td>
<td>-0.44 dB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:</td>
<td>11.790 GHz</td>
<td>-1.72 dB</td>
</tr>
</tbody>
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Ch1: Start 750.000 MHz - Stop 18.0000 GHz

Cont: CH 1 S21/M 2 Port