Quantic PMI
PLANAR MONOLITHICS

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

Customer:
SO No:
Model No: LM-1G18G-16-4W-SMF
Serial No: PL62452/2638
Part No:

Tested By: John R.
Temperature: +25°C
Date: 9/17/2026
Drawing No: 27634041 REV: A2

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range: | 1.0 to 18.0 GHz | 1.0 to 18.0 GHz | PMI |
| 2 | Insertion Loss: | 2.3 dB Max.<br>@ -10 dBm Input Power | 2 dB<br>See Graph | |
| 3 | Leakage Power: | 40 mW Max. | Pass<br>See Typical Characteristics | |
| 4 | Spike Leakage: | 0.1 erg. Max. | Pass<br>See Typical Characteristics | |
| 5 | Recovery Time: | 250 ns Max.<br>@ 1000 W Peak Power | Pass<br>See Typical Characteristics | |
| 6 | VSWR: | 2.0:1 Max.<br>@ -10 dBm Input Power | 1.8:1 In<br>1.83:1 Out<br>See Graph | |
| 7 | RF Power Handling: | 4 W CW Max.<br>@ 85°C | Pass<br>See Typical Characteristics | |
| | | 1000 W Peak Max.<br>(1 µs PW, 0.1% DC @ 85°C) | Pass<br>See Typical Characteristics | |
| 8 | Limiting Threshold: | +5 dBm Min.<br>(1 dB Compression) | +6 dBm<br>See Graph | PMI QA6 |

QA/QC Approval: Anthony Barcoly PMI Date: 9/21/26

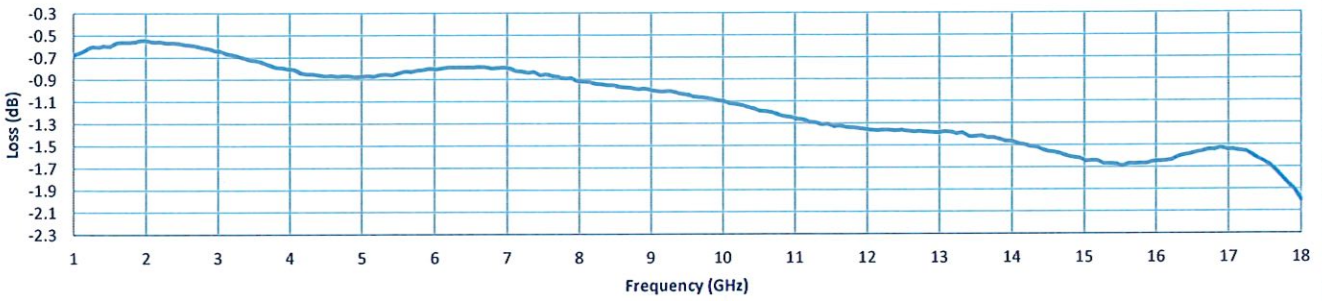
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

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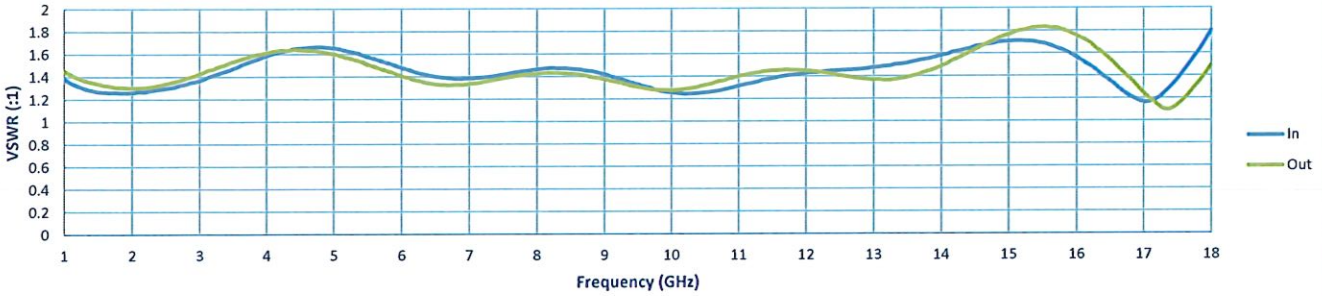
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# ON
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PL62452/2638

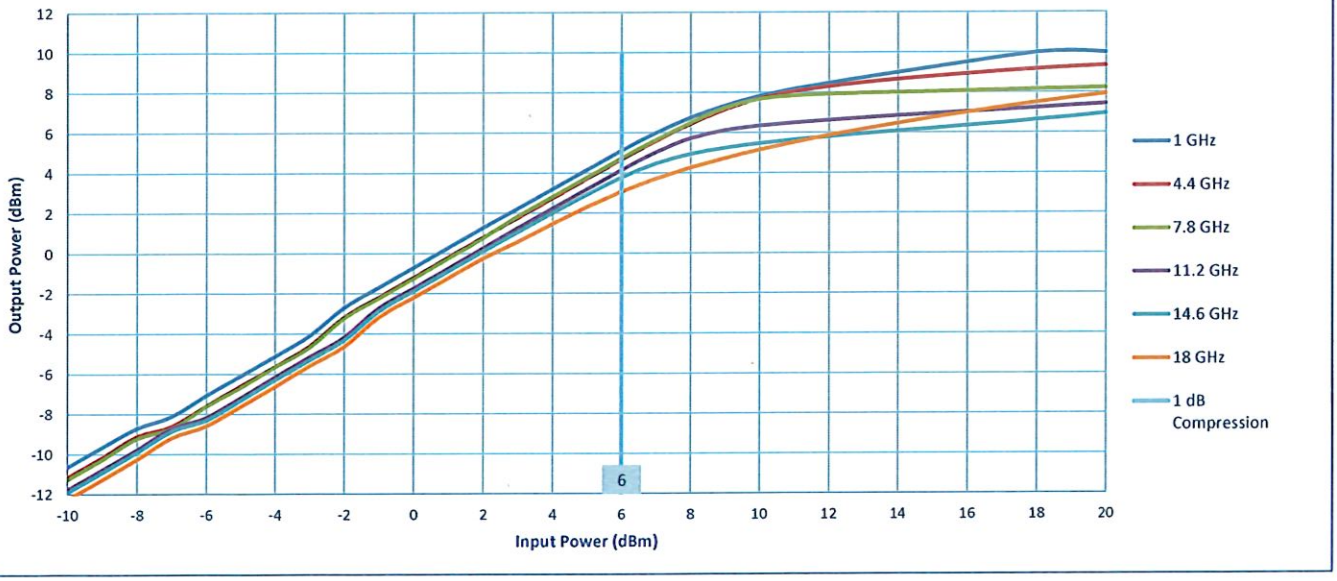
## Insertion Loss




## VSWR




## Limiter Response with Frequency





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