

**SUMMARY TEST DATA
ON
PLNA-9-1G2G-20-SMF**

Customer: _____
 SO No: _____
 Model No: PLNA-9-1G2G-20-SMF
 Serial No: PL41940/2335

Tested By: K. Mansfield
 Temperature: +25C
 Date: 6/16/2025
 Drawing No: 27646240 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC |
|---------------|-------------------------|---|---|------------|
| 1 | Frequency Range: | 1.0 to 2.0 GHz | 1.0 to 2.0 GHz | PMI QA2 |
| 2 | Gain: | 9 dB Min | 10.25 dB See Graph | |
| 3 | Gain Flatness | ± 1.0 dB Typ | 0.17 dB See Graph | |
| 4 | Noise Figure | 4.5 dB Max | 3.91 dB See Graph | |
| 5 | IP1dB | +12 dBm MIN @ -1V Limiter Bias | +14 dB See Plot | |
| 6 | Input Power | 2 Watts CW 60dBm Peak 0.1%DC, 1µs PW Max. | Pass 2 Watts CW See Typical Characteristics | |
| 7 | VSWR: (Input/Output) | 2.0:1 Max. | 1.52 :1 See Graph | |
| 8 | DC Power Supply | +6V @ 200 mA Max | +6V @ 186 mA | |

**No Internal Voltage Regulation or Reverse Protection

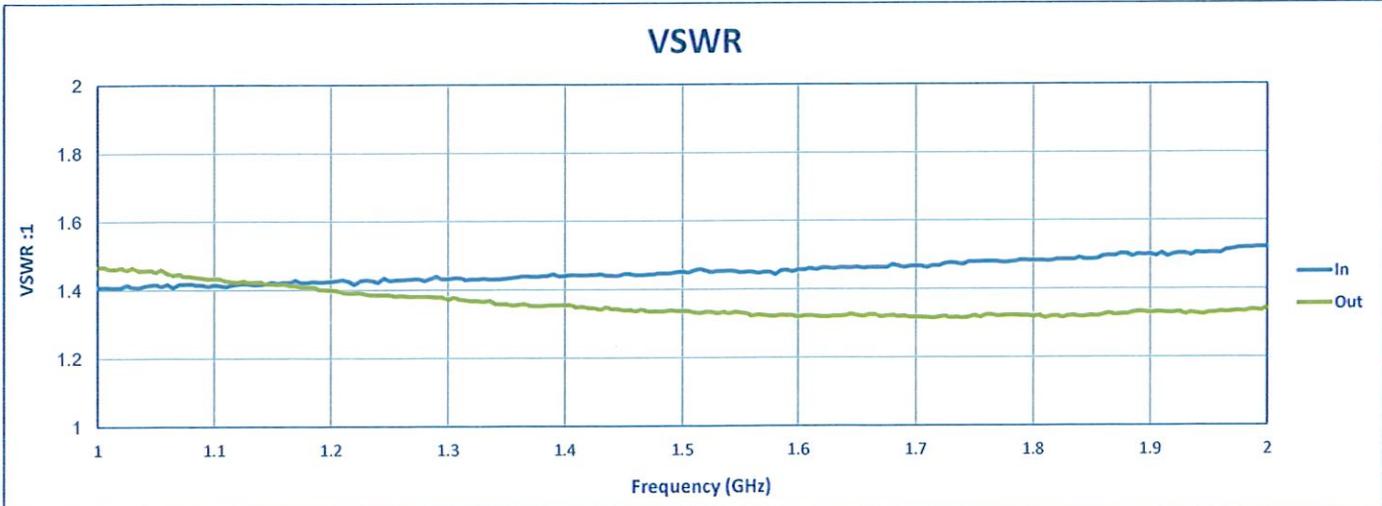
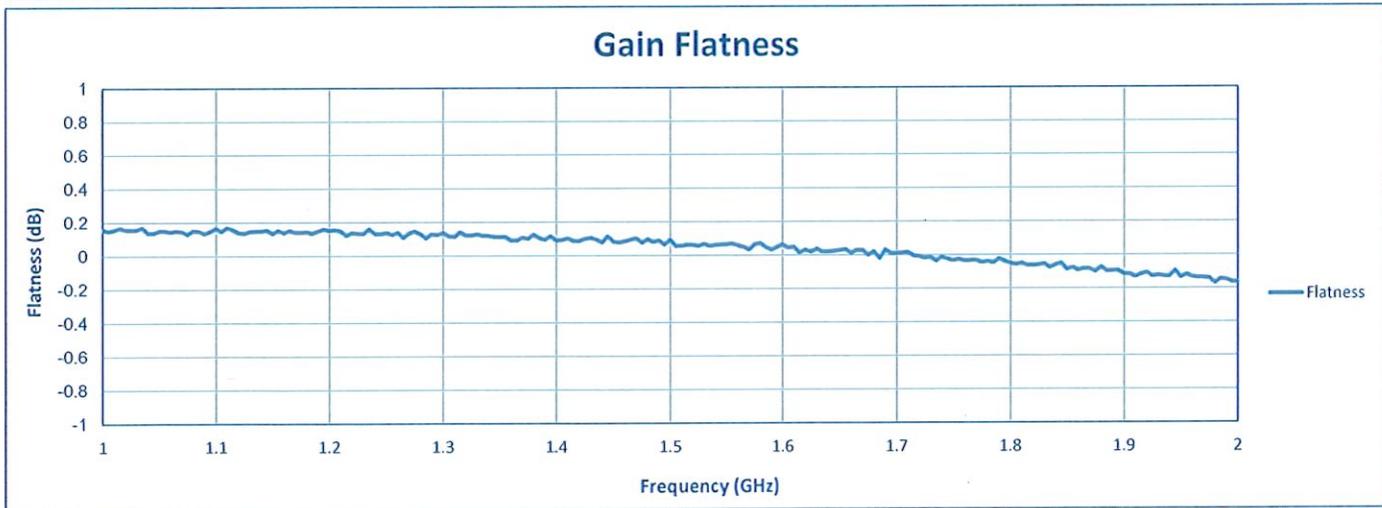
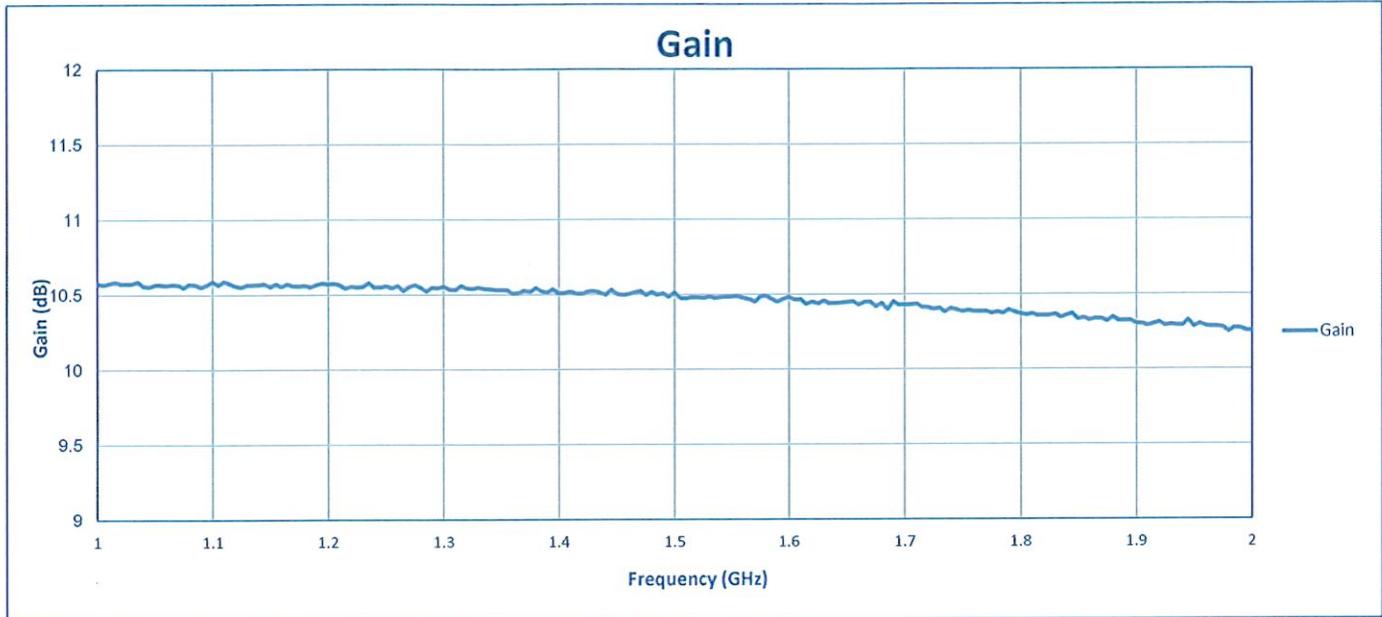
| | | | |
|--------------|-------------|---------------------|------------|
| Limiter Bias | 0 to -10VDC | Pass 0 to -10VDC | PMI QA2 |
| Current | 1 mA Max | No Current | |

QA/QC Approval: 

PMI
QA2

Date 7/7/2025

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