

**SUMMARY TEST DATA
ON
PLNA-35-100M18G-P1dB24-120VAC**

Customer: _____
 SO No: _____
 Model No: PLNA-35-100M18G-P1dB24-120VAC
 Serial No: PL46217/2421

Tested By: A. Mousavi
 Temperature: +25°C
 Date: 5/20/2024
 Drawing No: 27630090 Rev: B1

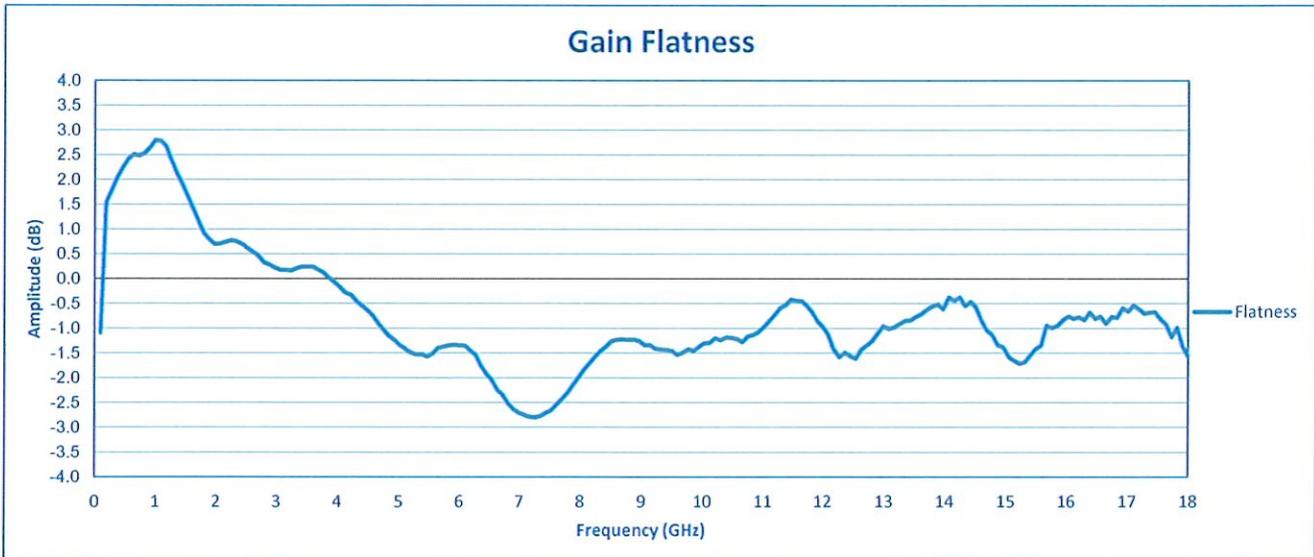
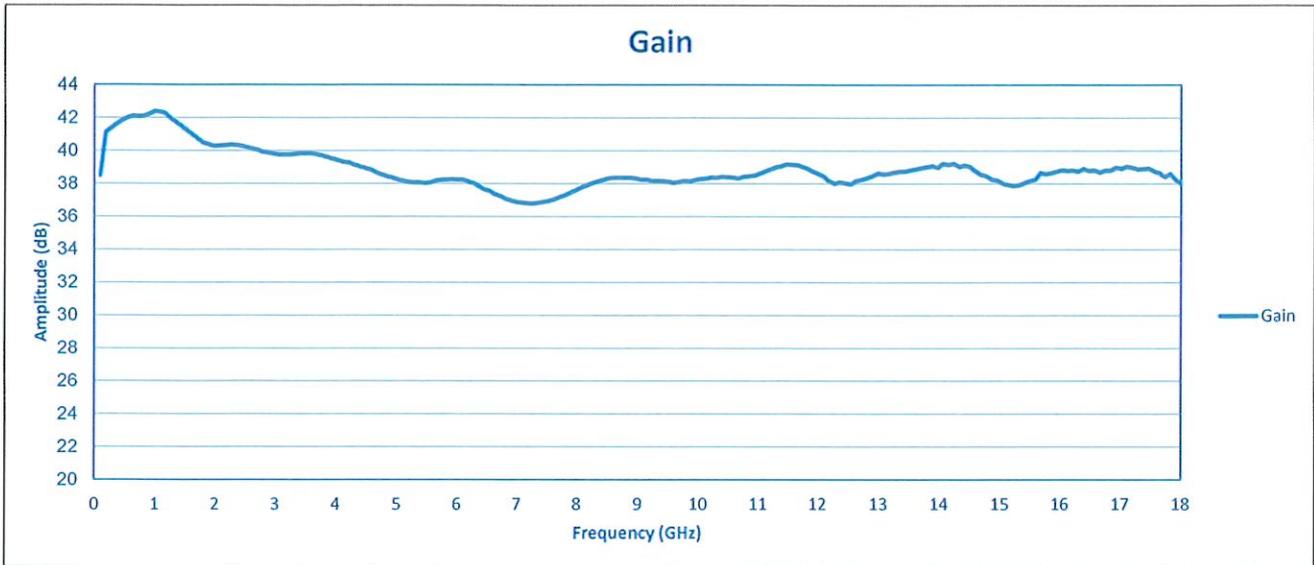
| TEST ITEM NO | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC |
|--------------|-------------------------|-----------------------------|-----------------------------------|------------|
| 1 | Frequency Range: | 100 MHz To 18.0 GHz | 100 MHz To 18.0 GHz | PMI QA4 |
| 2 | Gain: | 35 dB Min. | +36.8 dB Min. | |
| | | | +42.39 dB Max. | |
| | | | See Graph | |
| 3 | *Gain Flatness: | ±2.5 dB Typ. | ±2.79 dB See Graph | |
| 4 | *Noise Figure: | 4.5 dB Typ. | 5.08 dB See Graph | |
| 5 | *OP1dB: | +25 dBm Typ. +22 dB Min. | 24.86 dBm Max. | |
| | | | 22.94 dBm Min. | |
| | | | See Plot | |
| 6 | VSWR: (Input/Output) | 2.0:1 Max. | 1.7:1 In 1.7:1 Out See Plot | |
| 7 | Maximun RF Input: | 10 dB Max. | Pass | |
| 8 | AC Voltage Supply: | 120 VAC | 120 VAC | PMI QA4 |

QA/QC Approval: *Cameron Kelly*

Date: 5/21/24

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