

PLNA-25DB-8G18G-2PP-4DB-15DBM-SFF-YK

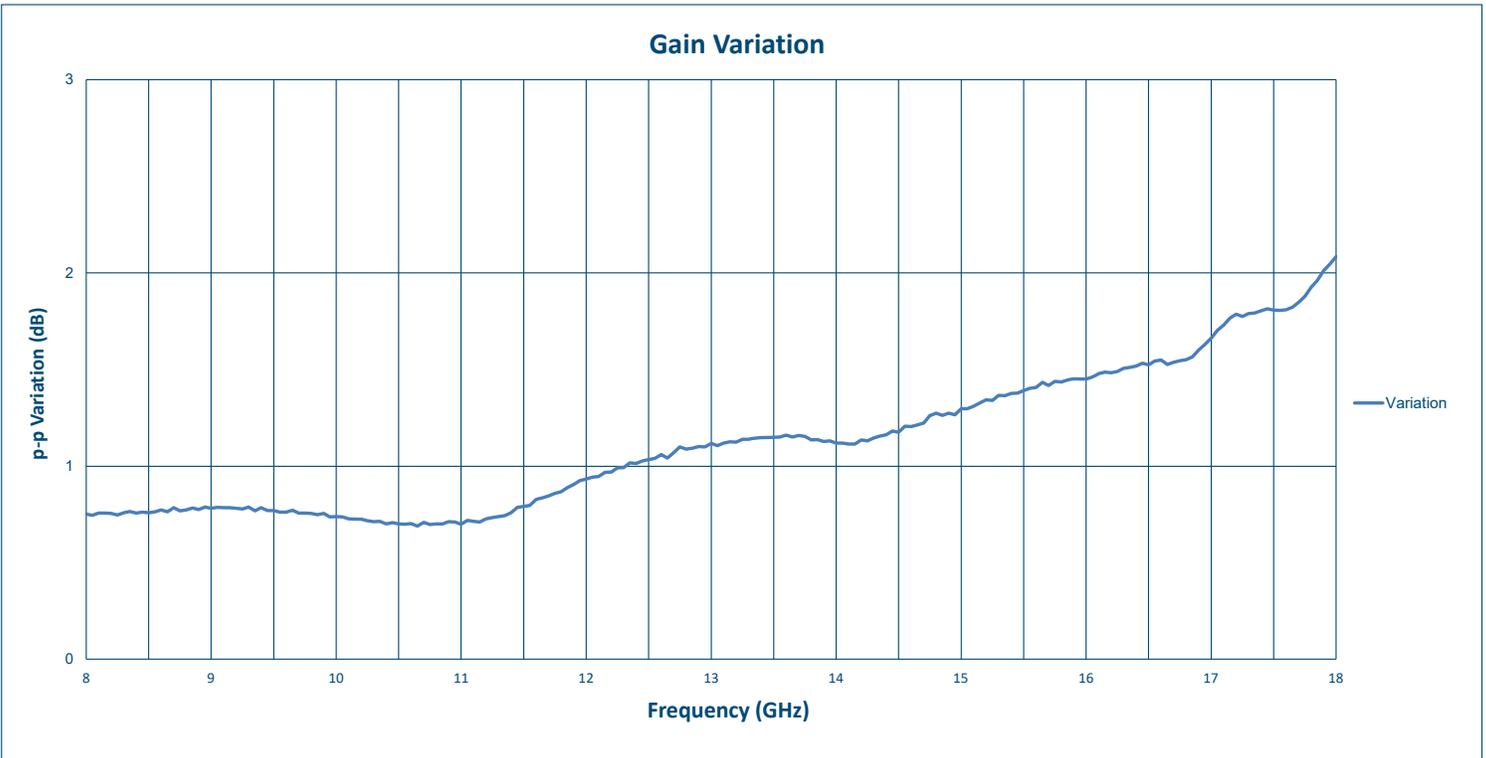
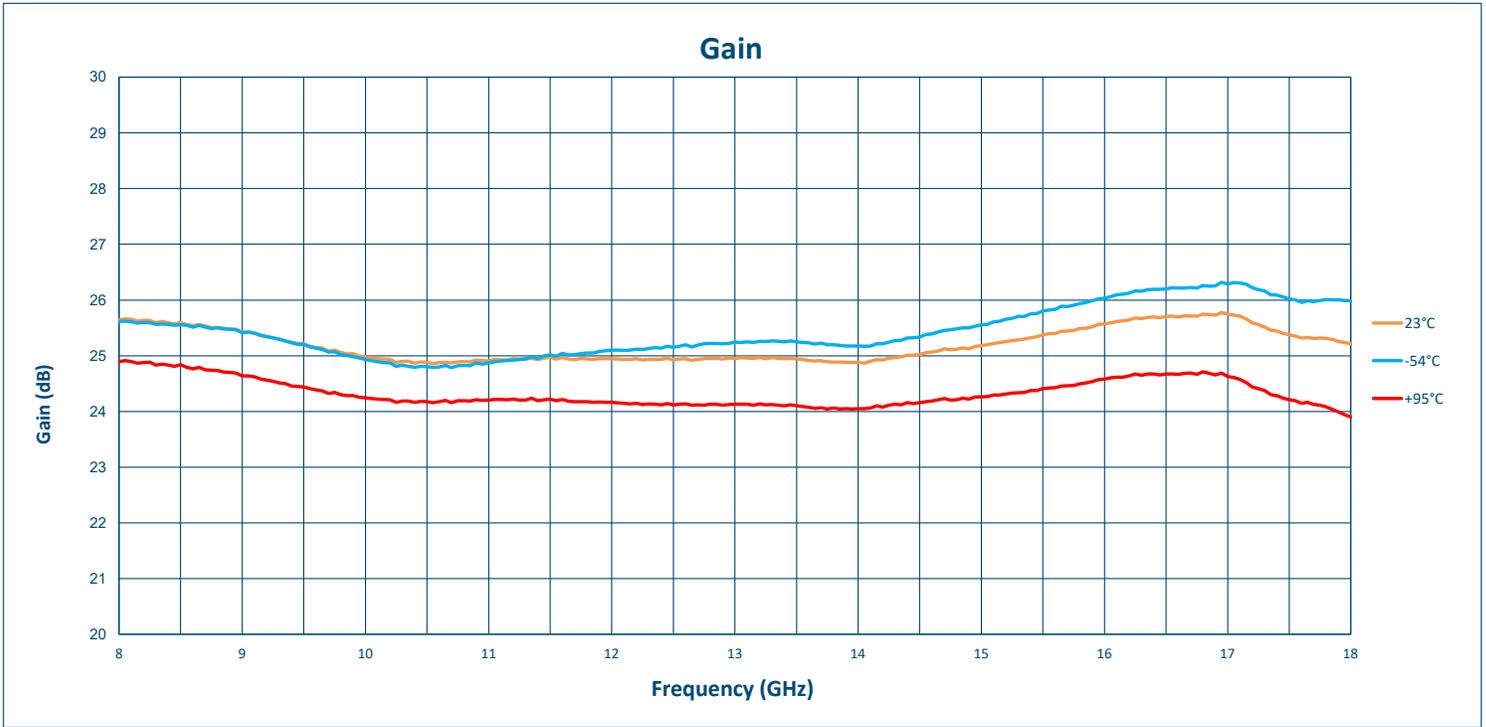
CUSTOMER: _____
SO: _____
MODEL NO: PLNA-25DB-8G18G-2PP-4DB-15DBM-SFF-YK
SERIAL NO: PL55067/2534

TESTED BY: R. SIRK
TEMPERATURE: +23°C, -54°C, +95°C
DATE: 8/22/2025
DRAWING NO: 27650180 REV: B1

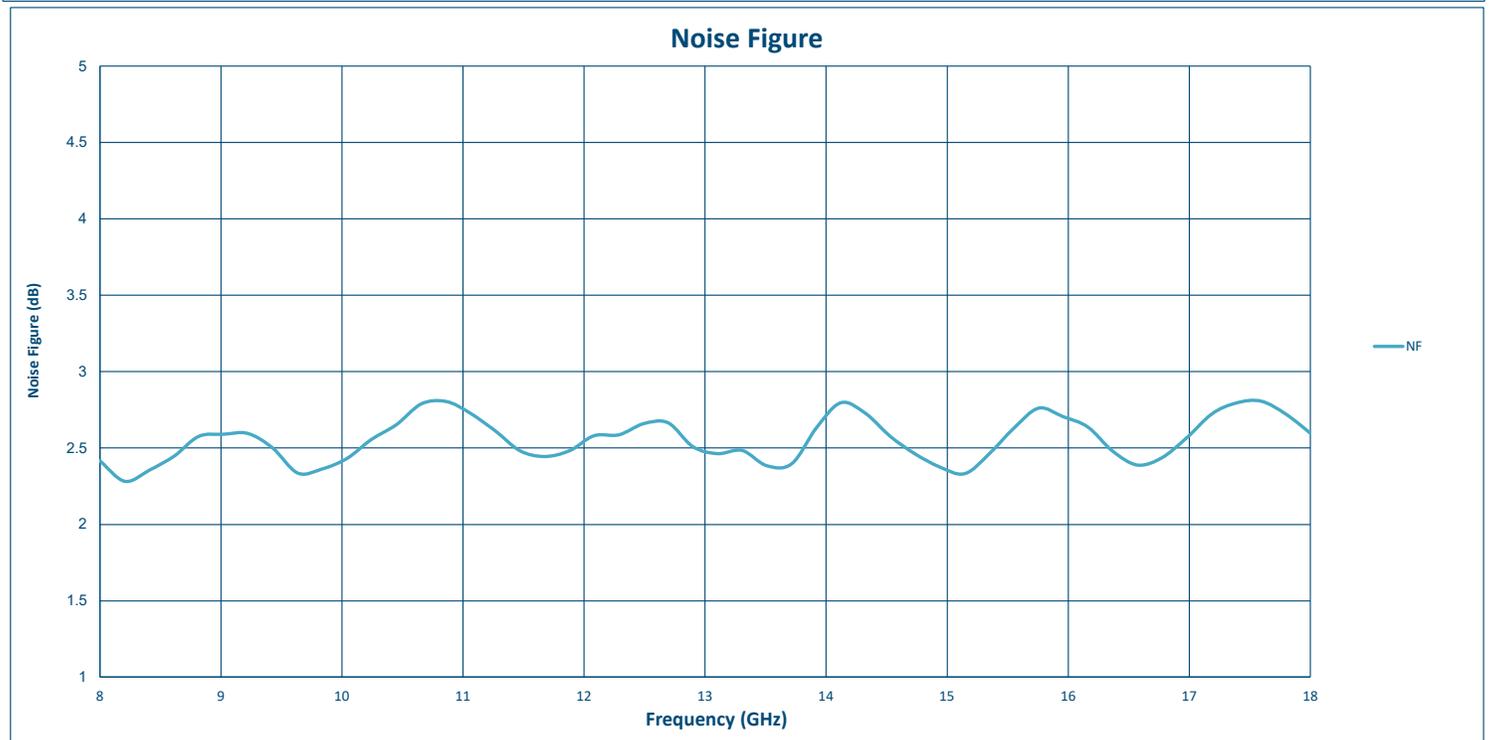
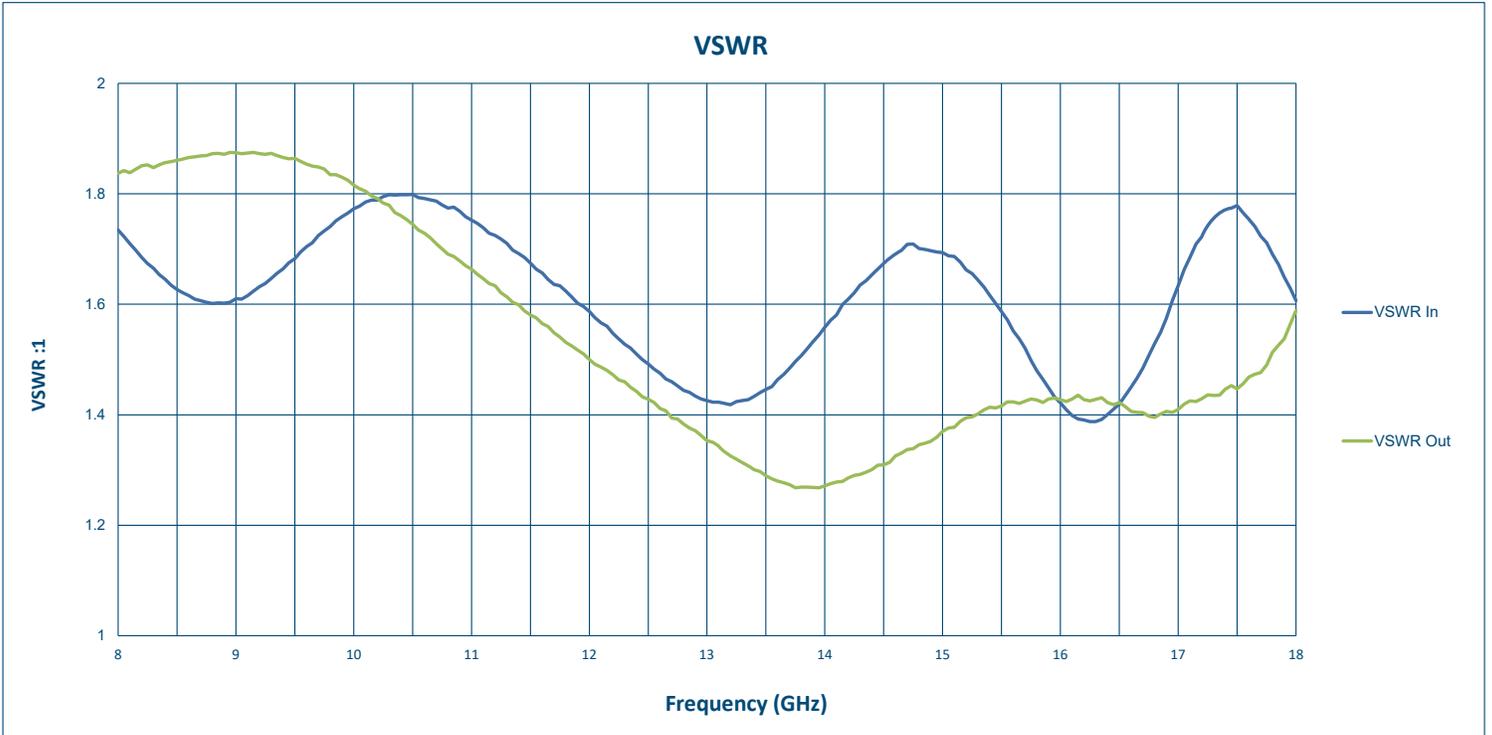
| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | | | QA QC |
|---------------|--|--|--|---|---|-------|
| 1 | Frequency Range: | 8 GHz to 18 GHz | 8 GHz to 18 GHz | | | |
| 2 | Noise Figure: | 4 dB Max. | 2.81 dB See Graph | | | |
| 3 | Small Signal Gain: | +23 dB Min. +27 dB Max. | Min. 24.86 dB Max. 25.77 dB @ 23°C | Min. 24.79 dB Max. 26.32 dB @ -54°C | Min. 23.91 dB Max. 24.91 dB @ +95°C | |
| 4 | Gain Variation VS. Temperature: (@ Any One Point Frequency) | 3.0 dB p-p Max. | 2.1 dB p-p See Graph | | | |
| 5 | OP1dB: | +15 dBm Min. | 19.6 dBm See Graph | | | |
| 6 | OIP3: | +23 dBm Min. | See Typical Characteristics | | | |
| 6 | VSWR In/Out: | 2.0:1 Max. | 1.88:1 See Graph | | | |
| 7 | RF Safe Input Power: | 200 mW Max. CW 500 mW Max. Peak (1 us PW, 1% DC) | See Typical Characteristics | | | |
| 8 | Recovery Time: @ 200 mW Max. CW | 50 nsec Max. | See Typical Characteristics | | | |
| 9 | Reverse Gain: @ 500 mW Max. Peak (1 us PW, 1% DC) | -30 dB Max. | See Typical Characteristics | | | |
| 10 | DC Power Supply: | +10V to +15.75V VDC | +10V to +15.75V VDC | | | |
| 11 | Supply Current: | 330 mA Max. | 185 mA | | | |
| 12 | Weight: | 50 g Max. | 45.7 g | | | |

QA/QC Approval: _____ Date: _____

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FOR
PLNA-25DB-8G18G-2PP-4DB-15DBM-SFF-YK

