

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

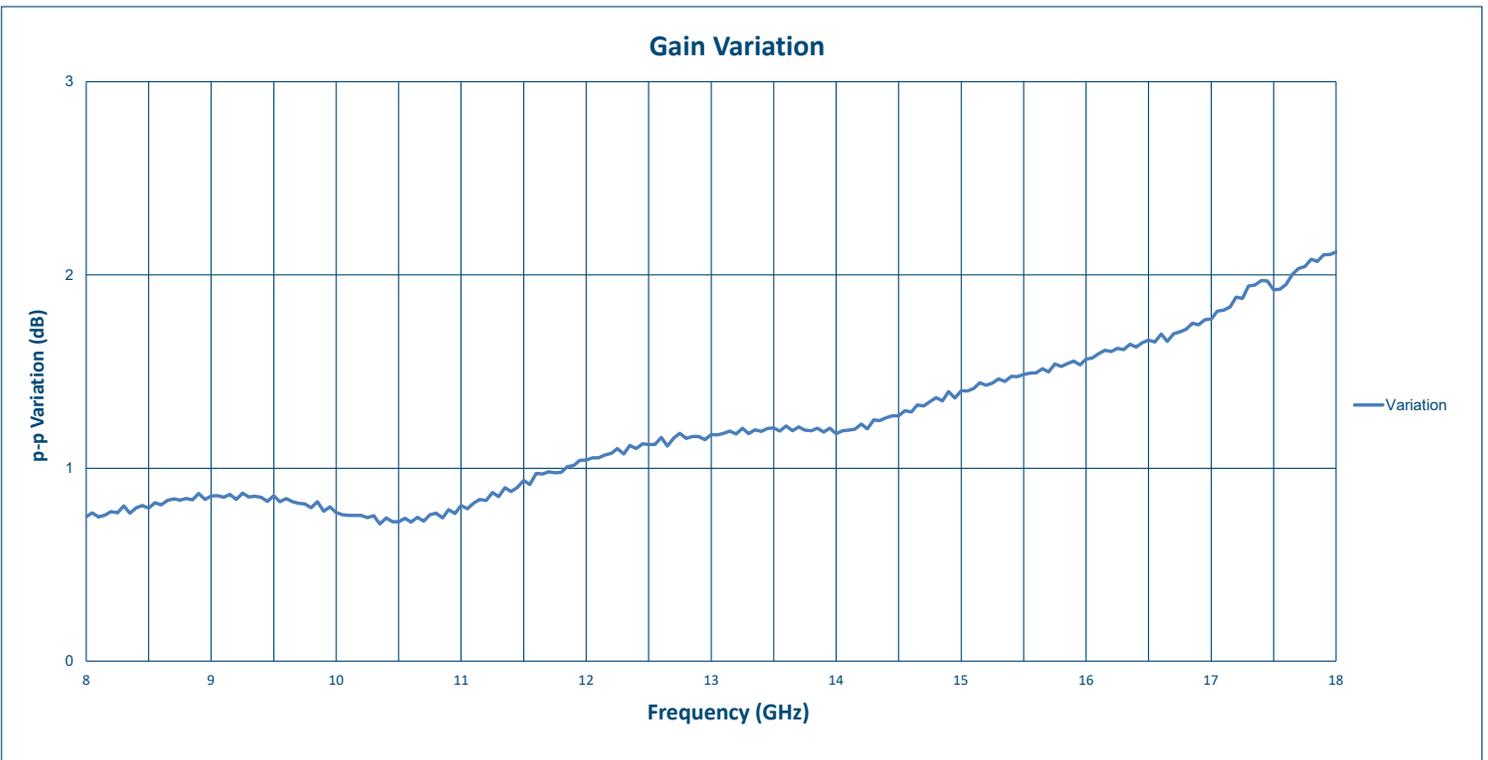
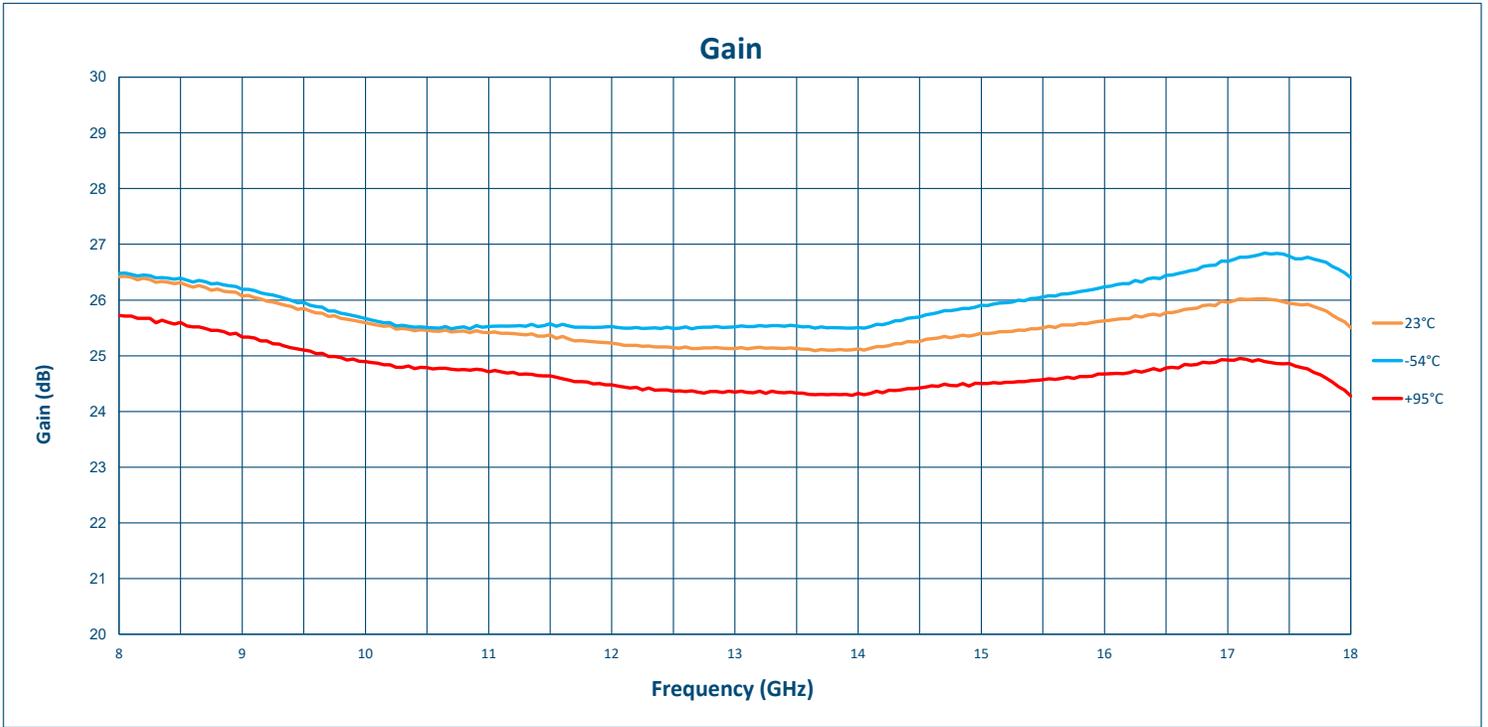
CUSTOMER: \_\_\_\_\_  
SO: \_\_\_\_\_  
MODEL NO: PLNA-25DB-8G18G-2PP-4DB-15DBM-SFF-YK  
SERIAL NO: PL55069/2534

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

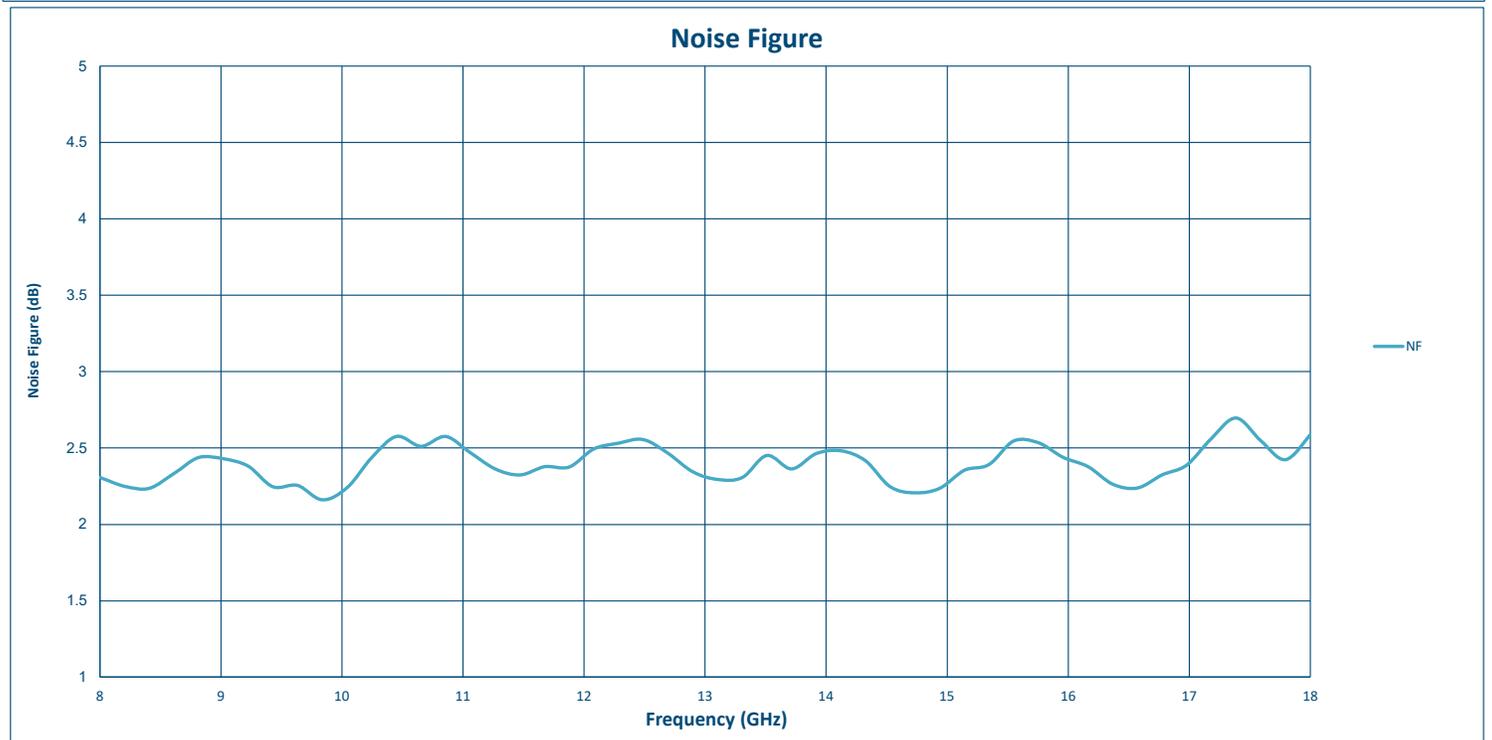
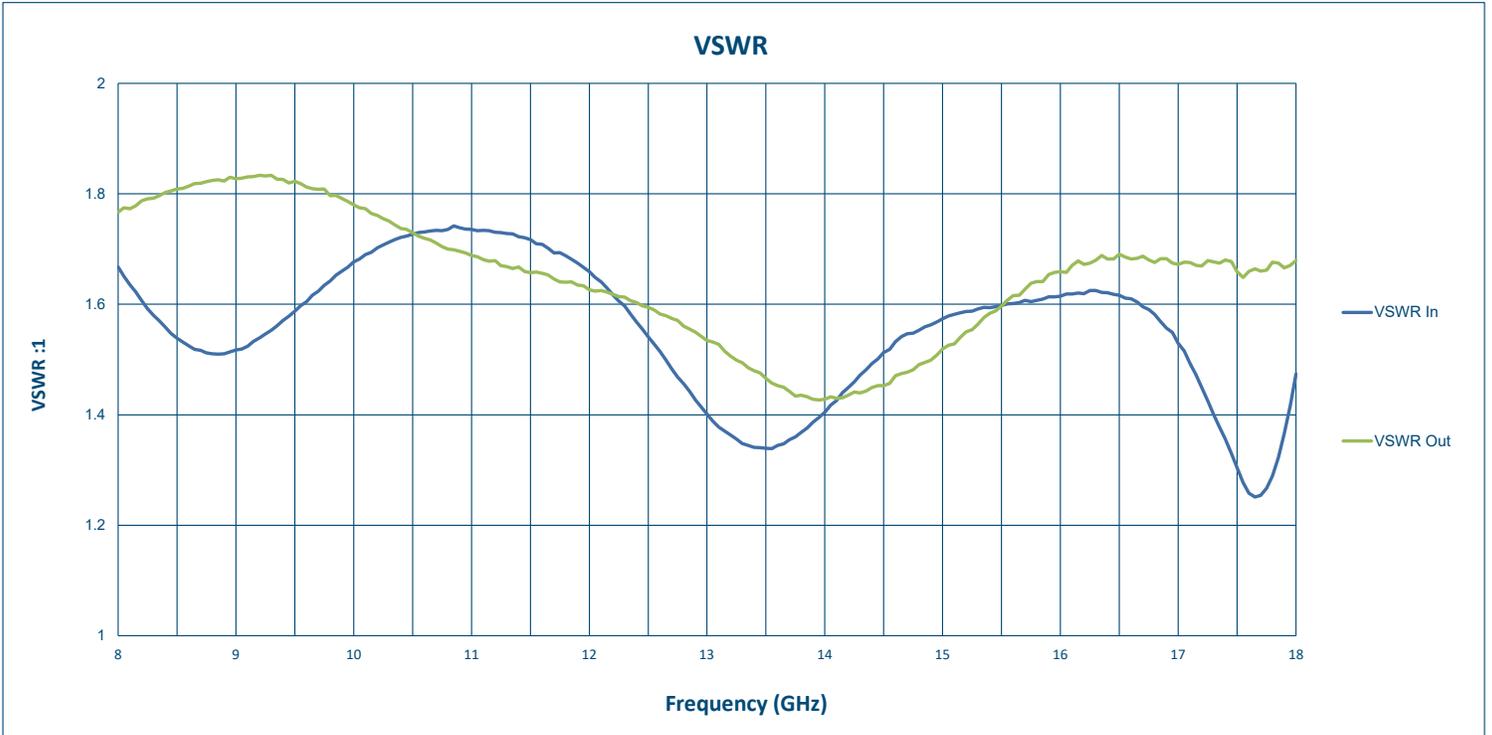
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results			QA QC
1	Frequency Range:	8 GHz to 18 GHz	8 GHz to 18 GHz			
2	Noise Figure:	4 dB Max.	2.7 dB See Graph			
3	Small Signal Gain:	+23 dB Min. +27 dB Max.	Min. 25.09 dB Max. 26.43 dB @ 23°C	Min. 25.48 dB Max. 26.84 dB @ -54°C	Min. 24.28 dB Max. 25.73 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.	19.2 dBm See Graph			
6	OIP3:	+23 dBm Min.	See Typical Characteristics			
6	VSWR In/Out:	2.0:1 Max.	1.83:1 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.	160 mA			
12	Weight:	50 g Max.	45.9 g			

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_

**FOR**  
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**FOR**  
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