

**SUMMARY TEST DATA
ON
PLNA-39-8G18G-5NF-8DBM-12V-SFF**

Customer: _____
SO No: _____
Model No: PLNA-39-8G18G-5NF-8DBM-12V-SFF
Serial No: PL55127/2535

Tested By: Darwin Martinez-Castro
Temperature: +25° C
Date: 8/26/2025
Drawing No: 27647000 REV: A1

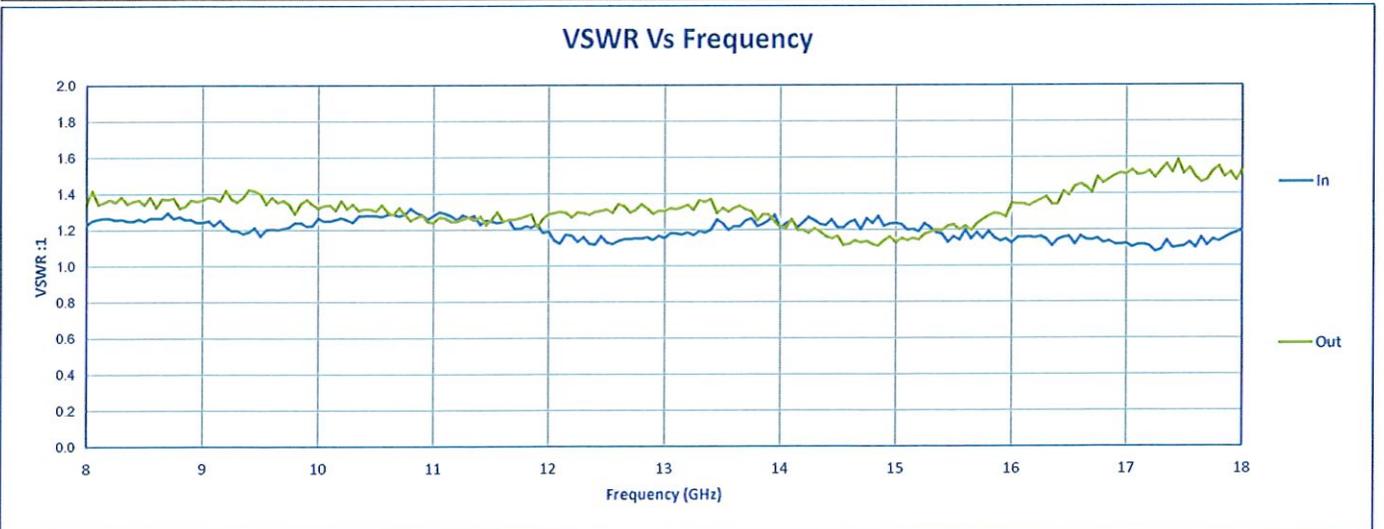
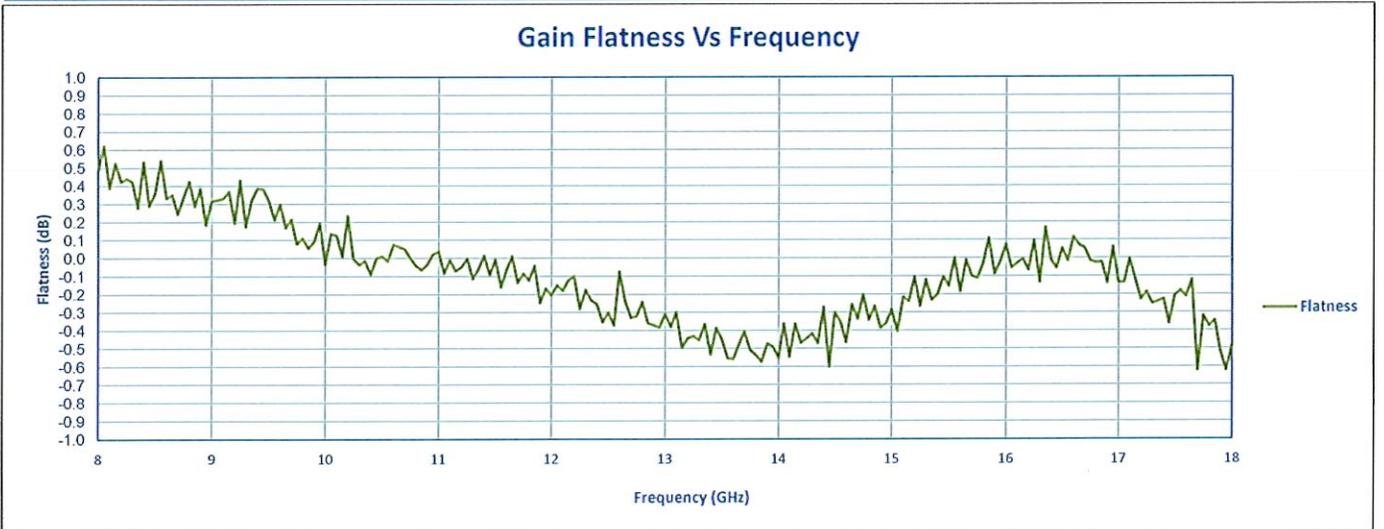
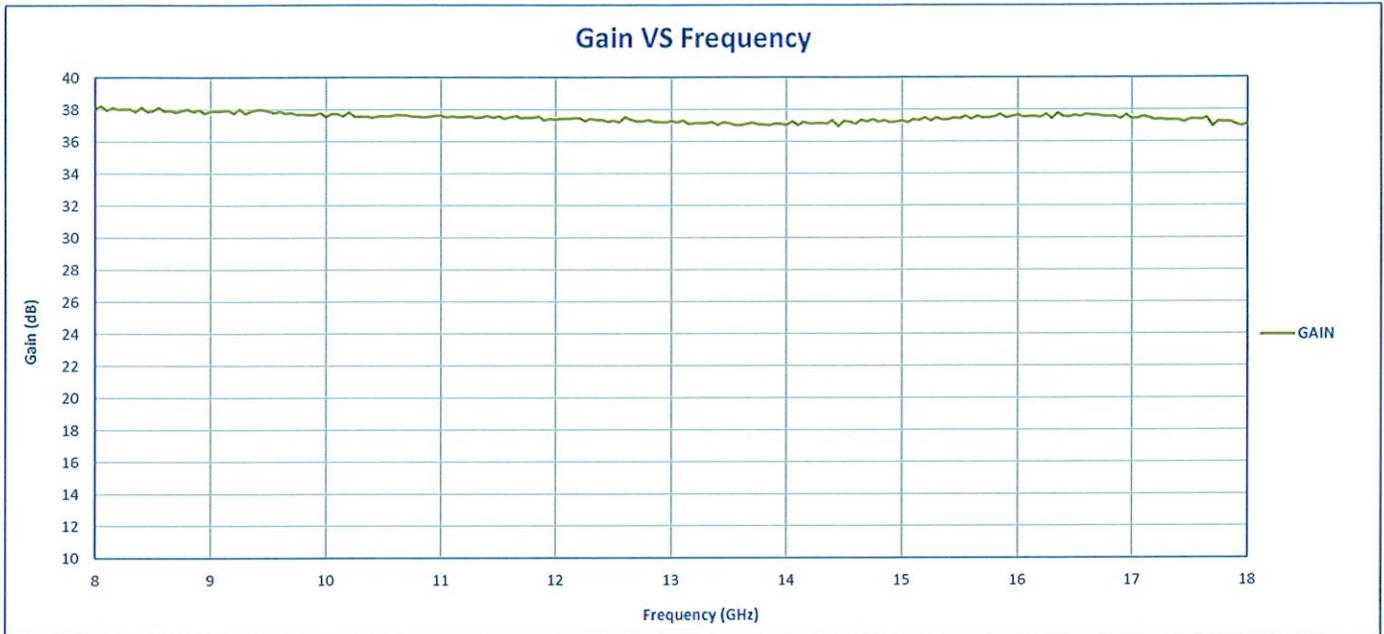
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA
			+25°C	QC
1	Frequency Range:	8.0 - 18.0 GHz	8.0 - 18.0 GHz	PMI QA4
2	Gain:	+42 dB Max. +36 dB Min.	38.21 dB Max. 36.97 dB Min. See Graph	
3	Gain Flatness:	±2.0 dB Max.	±0.62 dB See Graph	
4	VSWR: (Input/Output)	2.0:1 Max.	1.32 :1 See Graph	
5	Saturated Output Power	+10 dBm Max. +6 dBm Min.	8.29 dBm Max.	
			7.35 dBm Min.	
			See Graph	
6	Harmonics at +5 dBm Input	-6 dBc Max.	Pass See Typical Characteristics	
7	Noise Figure:	4.0 dB Max. @ +25°C 5.0 dB Max.	3.74 dB See Graph	
8	DC Supply:	+12 VDC @ 450 mA Max.	+12 VDC & 228 mA	PMI QA4

QA/QC Approval:

Cameron Kelly

Date: 8/29/25

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