

**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: PL55128/2535

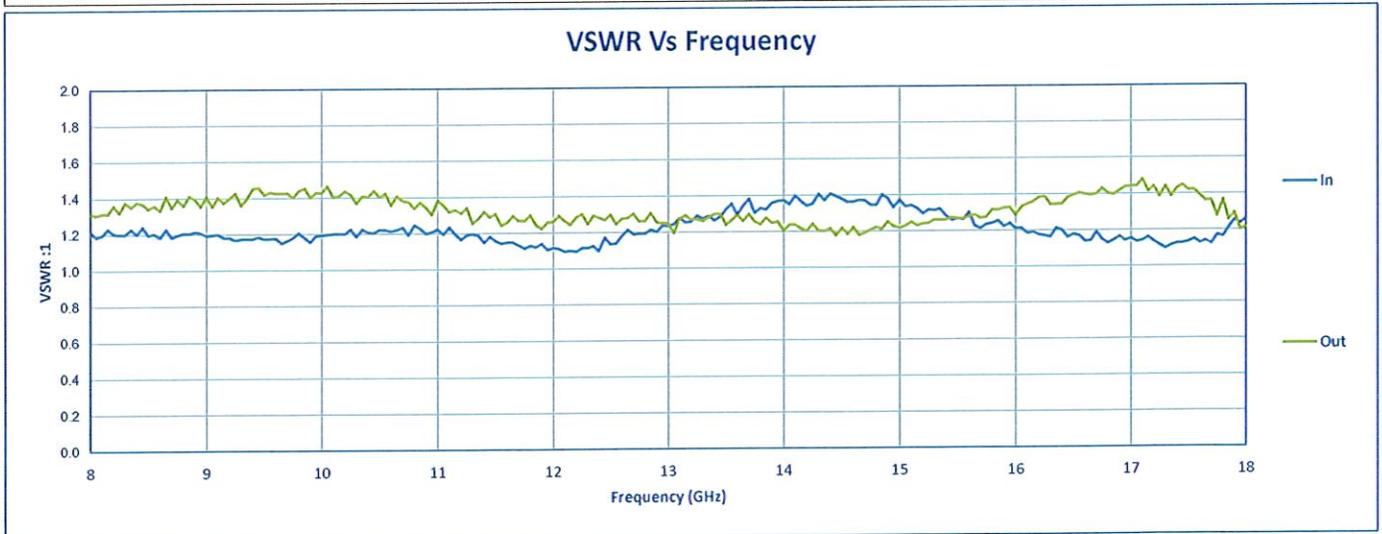
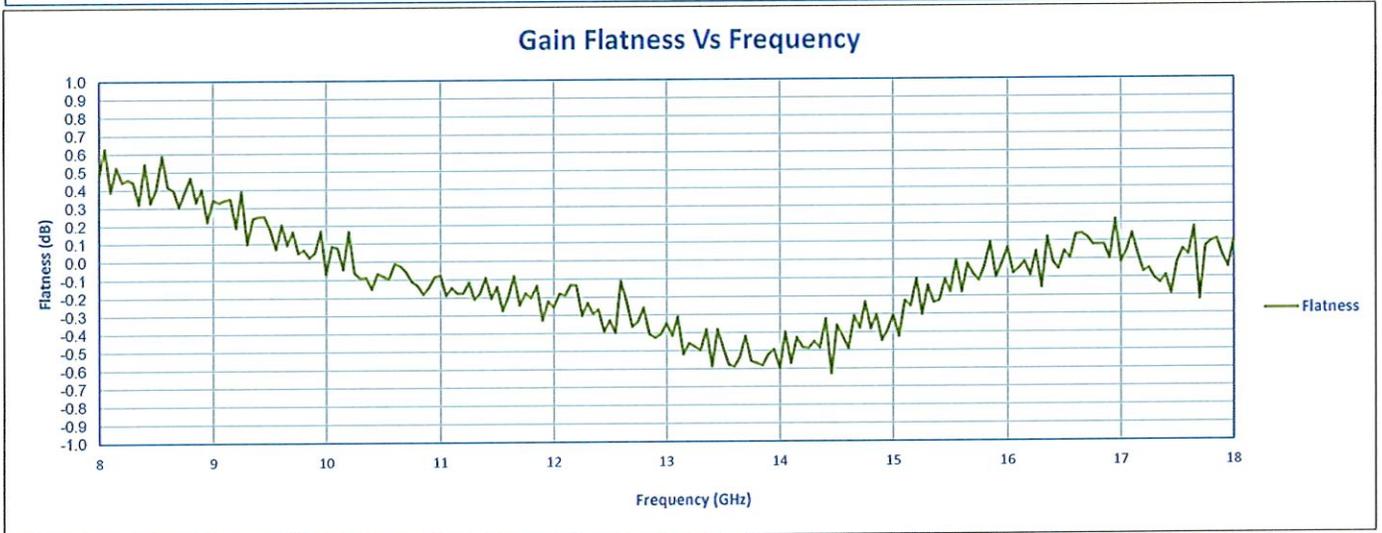
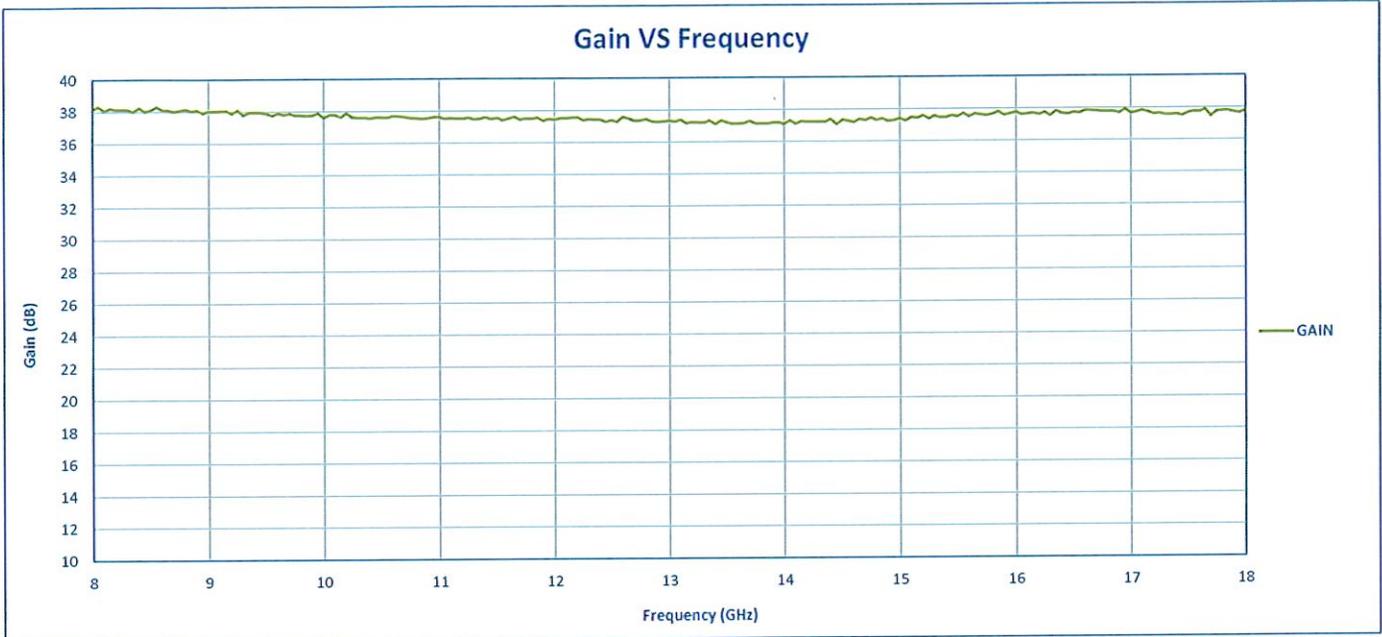
Tested By: Darwin Martinez-Castro
 Temperature: +25° C
 Date: 8/26/2025
 Drawing No: 27647000 REV: A1

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 PMI QA4
2	Gain:	+42 dB Max. +36 dB Min.	38.32 dB Max. 37.07 dB Min. See Graph	
3	Gain Flatness:	±2.0 dB Max.	±0.63 dB See Graph	
4	VSWR: (Input/Output)	2.0:1 Max.	1.41 :1 See Graph	
5	Saturated Output Power	+10 dBm Max. +6 dBm Min.	8.73 dBm Max.	
			8.06 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.	3.77 dB See Graph	
8	DC Supply:	+12 VDC @ 450 mA Max.	+12 VDC & 228 mA	

QA/QC Approval: *Carmen Kelly*

Date: 8/29/25

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