

# SUMMARY TEST DATA ON PA-218-25G-6NF-34PS-24V-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PA-218-25G-6NF-34PS-24V-SFF  
 Serial No: PL55135/2535

Tested By: A. Mousavi  
 Temperature: +25° C  
 Date: 8/28/2025  
 Drawing No: 27641120 Rev: A1

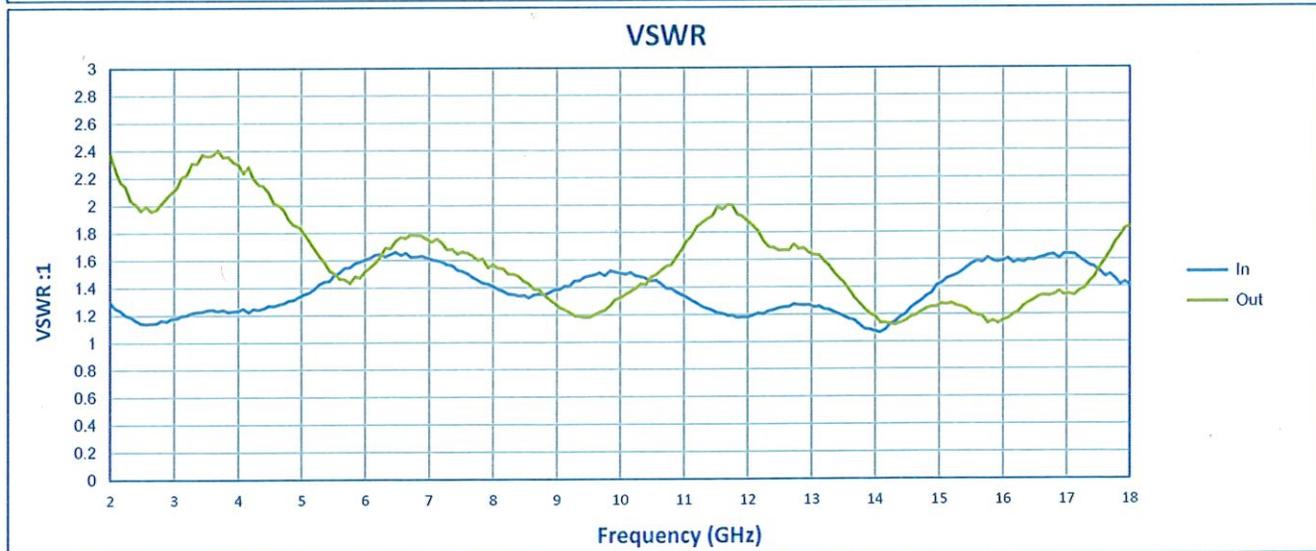
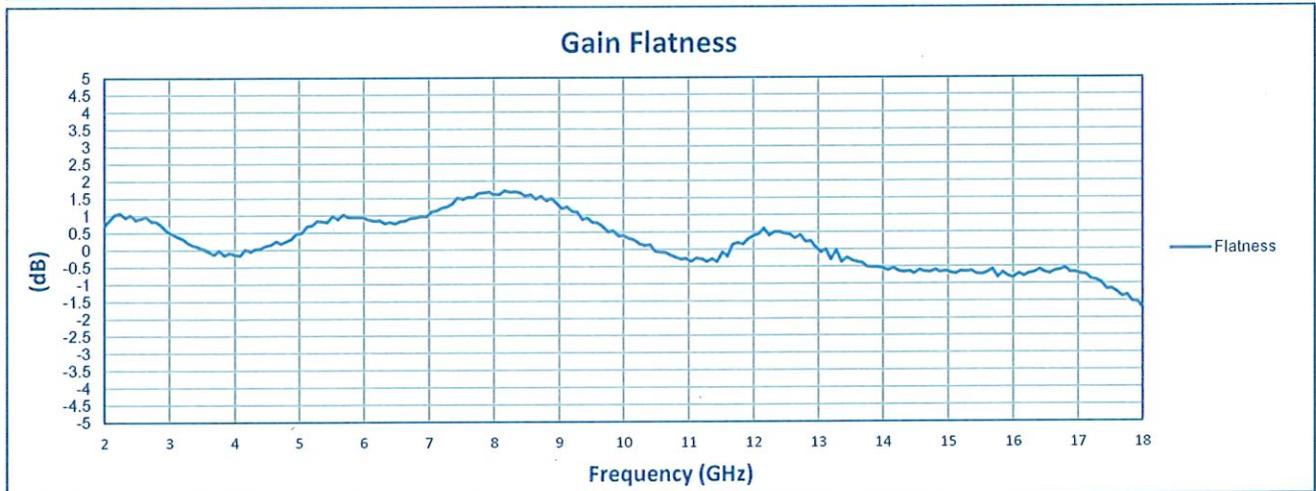
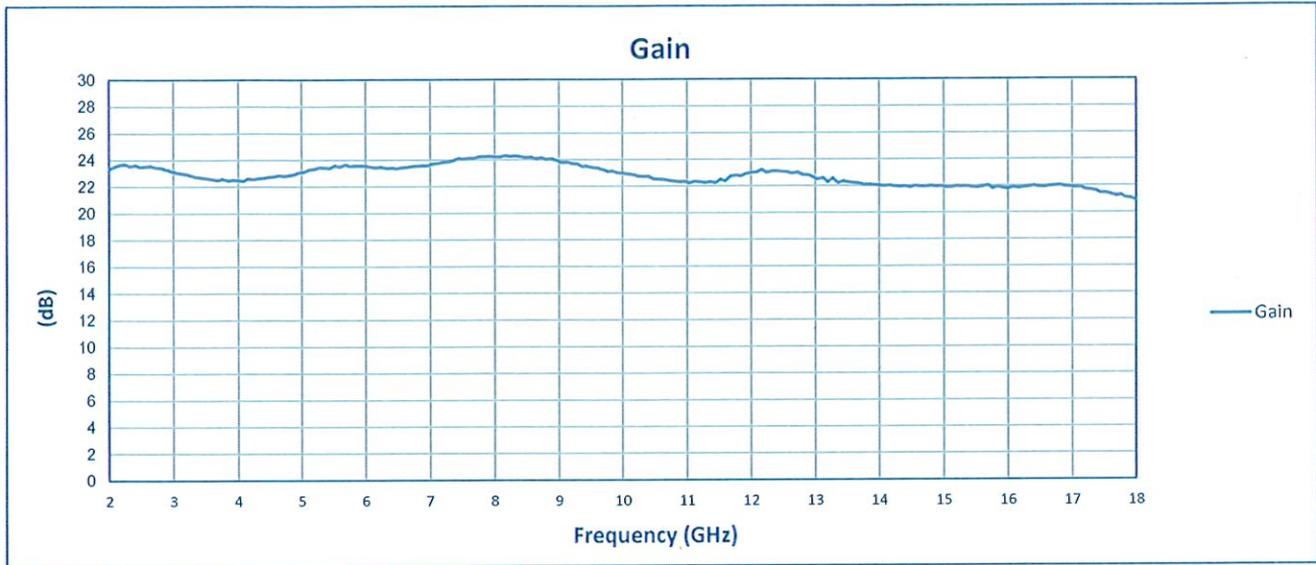
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA
			+25°C	QC
1	Frequency Range:	2 TO 18 GHz	2 TO 18 GHz	PMI QA4
2	Gain:	25 dB TYP 20 dB MIN 28 dB MAX	24.31 dB Max.	
			20.89 dB Min.	
			See Graphs	
3	Gain Flatness:	±2.6 dB Max.	1.71 dB (±)	
			See Graph	
4	Noise Figure:	5 dB TYP 8.5 dB MAX	8.47 dB See Graph	
5	OP1dB:	30 dB TYP	27.9 dB See Graph	
6	Psat:	34 dBm TYP	34.03 dBm See Graph	
7	VSWR Input	2.0:1 Max.	1.66 :1 See Graph	
8	VSWR Output:	2.5:1 Max. (2 to 5 GHz) 2.0:1 Max (5 to 18 GHz)	2.4 :1	
			2 :1	
			See Graph	
9	Input power:	27 dBm MAX	Pass See Typical Characteristics	
10	Power Amp Control (Enable):	"1" = +3V ON "0" = 0V OFF	Pass	
11	DC Supply:	+24 VDC AT 440 mA (I-q) AND 700 mA (I-Psat) TYP	+24 VDC AT 430 mA (I-q) AND 732 mA (I-Psat)	PMI QA4

QA/QC Approval: *Cummin King*

Date: 8/29/25

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