

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

Customer: PMI
SO No: PMI
Model No: PA-218-25G-6NF-34PS-24V-SFF
Serial No: PL55496/2539

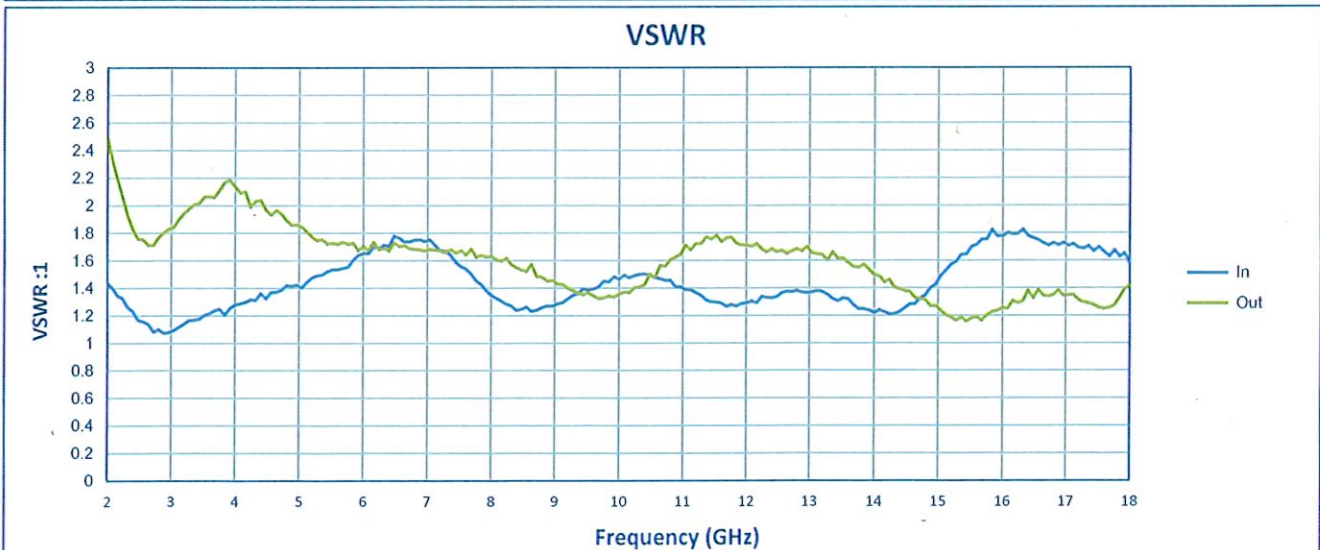
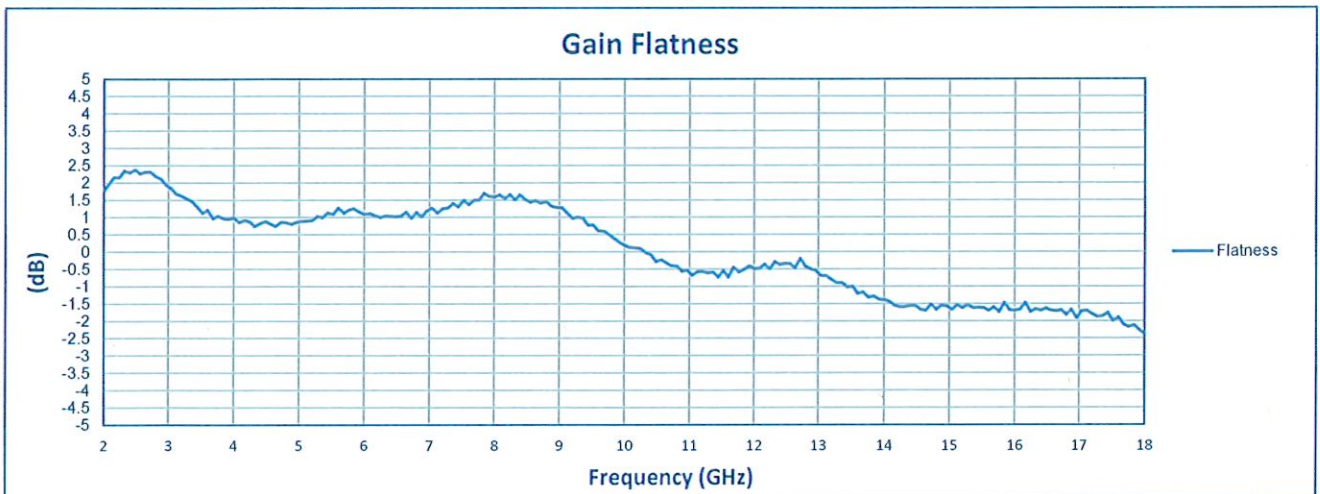
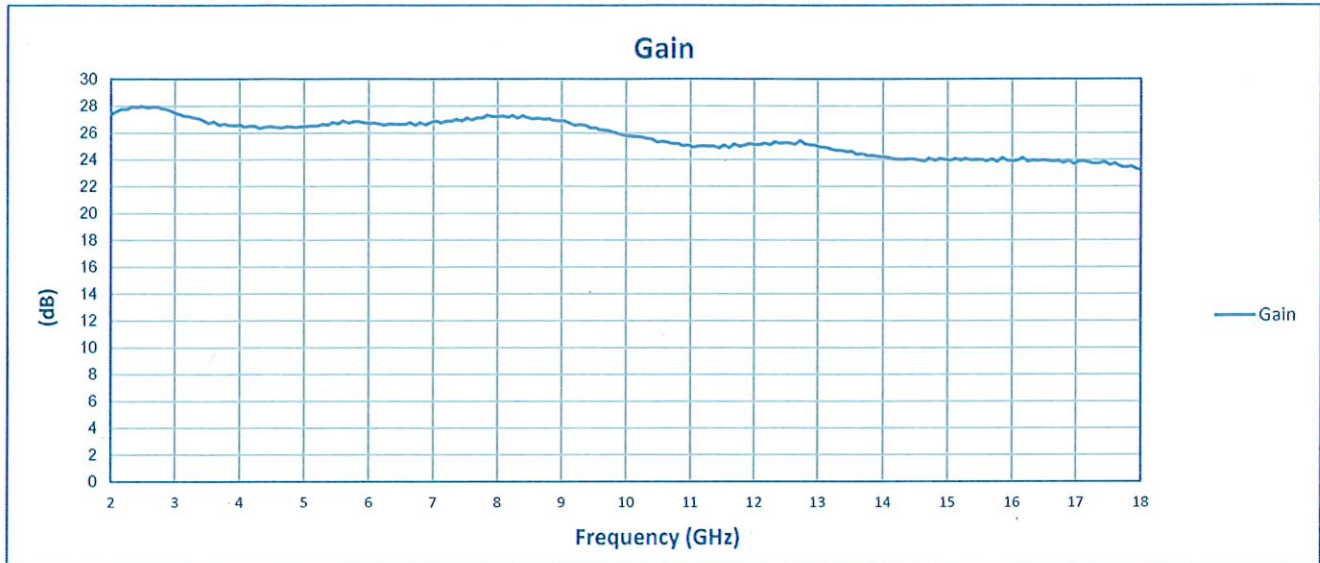
Tested By: A. Mousavi
Temperature: +25° C
Date: 9/26/2025
Drawing No: 27641120 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	2 TO 18 GHz	2 TO 18 GHz	PMI QA4
2	Gain:	25 dB TYP 20 dB MIN 28 dB MAX	27.97 dB Max. 23.23 dB Min. See Graphs	
3	Gain Flatness:	±2.6 dB Max.	2.37 dB (±) See Graph	
4	Noise Figure:	5 dB TYP 8.5 dB MAX	7.96 dB See Graph	
5	OP1dB:	30 dB TYP	26.53 dB See Graph	
6	Psat:	34 dBm TYP	34.35 dBm See Graph	
7	VSWR Input	2.0:1 Max.	1.82 :1 See Graph	
8	VSWR Output:	2.5:1 Max. (2 to 5 GHz) 2.0:1 Max (5 to 18 GHz)	2.49 :1 1.86 :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 440 mA (I-q) AND 732 mA (I-Psat)	PMI QA4

QA/QC Approval: Cumming Kelly

Date: 9/29/25

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