

**SUMMARY TEST DATA
 ON
 PE2-12-30M40G-5R5-18-12-292FF**

Customer: _____
 SO No: _____
 Model No: PE2-12-30M40G-5R5-18-12-292FF
 Serial No: PL52002/2513

Tested By: A. Lopez
 Temperature: +25° C
 Date: 7/11/2025
 Drawing No: 27637300 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.03 to 40.0 GHz	0.03 to 40.0 GHz	PMI QA2
2	Gain:	12dB Typ.	13.6 dB Max. 9.8 dB Min. See Plot	
3	Gain Flatness:	±2.75 dB Typ.	±1.89 dB See Plot	
4	Noise Figure: @25°C	4 dB Max. (Up to 10 GHz)	5.6 dB	
		5 dB Max. (10 to 20 GHz)	3.93 dB	
		7.5 dB Typ. (20 to 40 GHz)	5.99 dB	
			See Graphs	
5	OP1dB:	16 dBm Min.	9.14 dBm See Graph	Customer waiver
6	VSWR Input/Output:	2.2:1 Typ.	2:1 In 1.9:1 Out See Plot	
7	DC Supply:	+12 to +15 VDC @ 230 mA Nominal.	+12 to +15 VDC @ 82 mA	PMI QA2

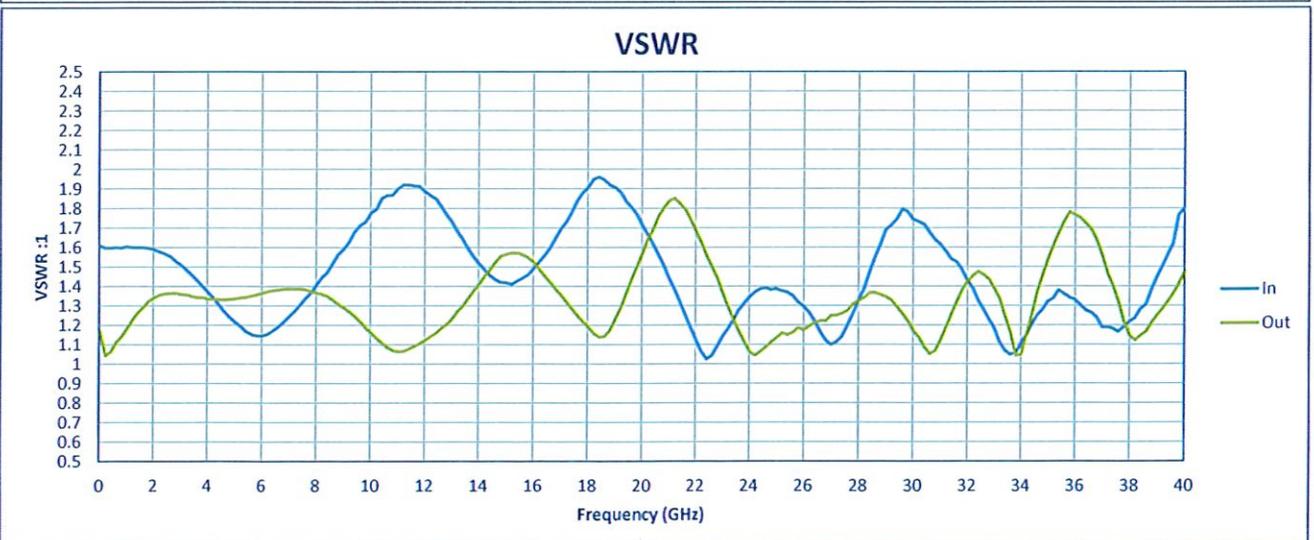
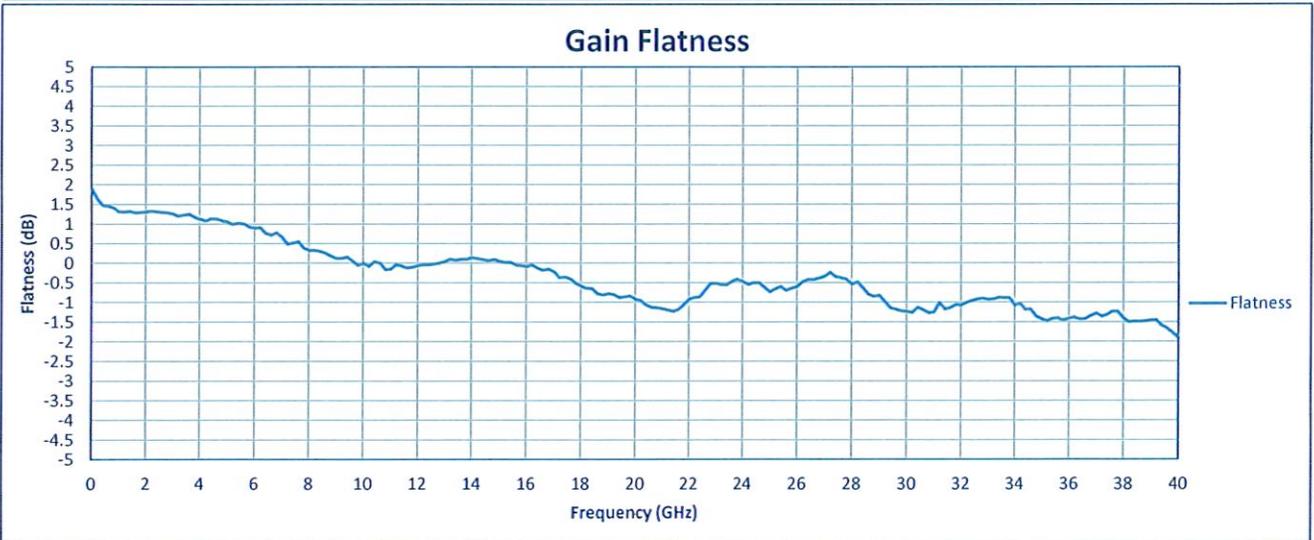
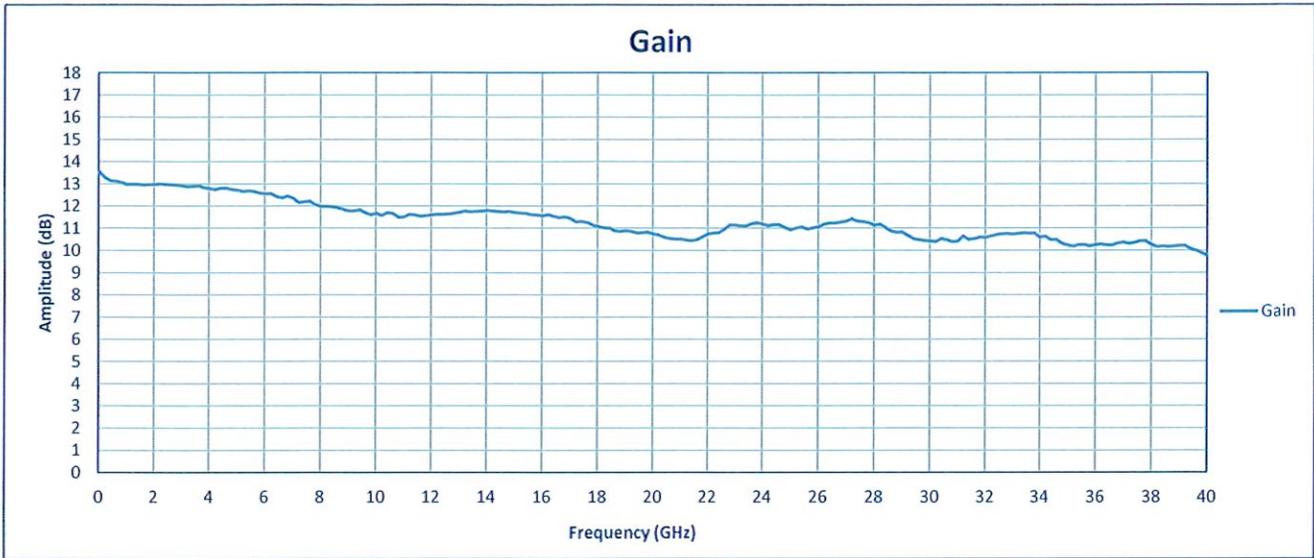
(*)Noise figure only valid above 1 GHz

QA/QC Approval:  

PMI
QA2

Date: 7/11/2025

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