

SUMMARY TEST DATA ON GMPA-8217-7

CUSTOMER: PMI
 SO: 1000000000
 MODEL NO: GMPA-8217-7
 SERIAL NO: PL57430/2607

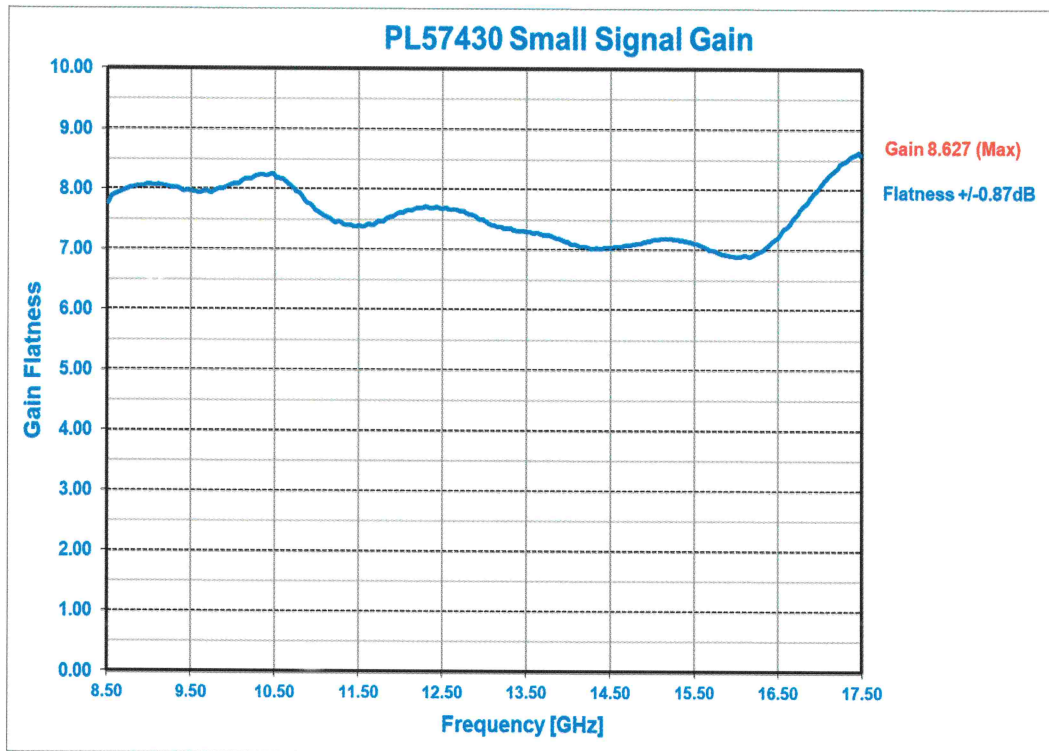
TESTED BY: EA Valdez
 TEMPERATURE: +25°C
 DATE: 2/11/2026
 DRAWING NO: 27628853 REV: C1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	8.5 GHz to 17.5 GHz	8.5 GHz to 17.5 GHz	
2	Gain	6.0 dB MIN 9.0 dB MAX	dB (See Plot)	7.04dB 8.59dB
3	Small Signal Gain Over Frequency And Temperature	6.0 dB MIN 9.0 dB MAX @ -54°C, +25°C, +85°C	dB (See Plot)	6.58dB 8.63dB
4	Noise Output	-85dBm / MHz Max. No = -114dBm + NF + Gain @ -54°C, +25°C, +85°C	Pass / Fail	PASS
5	Gain Flatness	±1.0 dB @ 25°C	dB (See Plot)	±0.77dB
6	P.1 dB @ 25°C	+22 dBm MIN	dBm	23.4dBm
7	VSWR Input / Output	2.0:1 MAX	:1 (See Plot)	1.89:1
8	Harmonic Suppression	-10 dBc MAX @ Input Level +19 dBm	dBc	19.5dBc
9	Power Supply	+12 To +15.5 VDC @ 600 mA TYP 700 mA MAX	mA	354mA

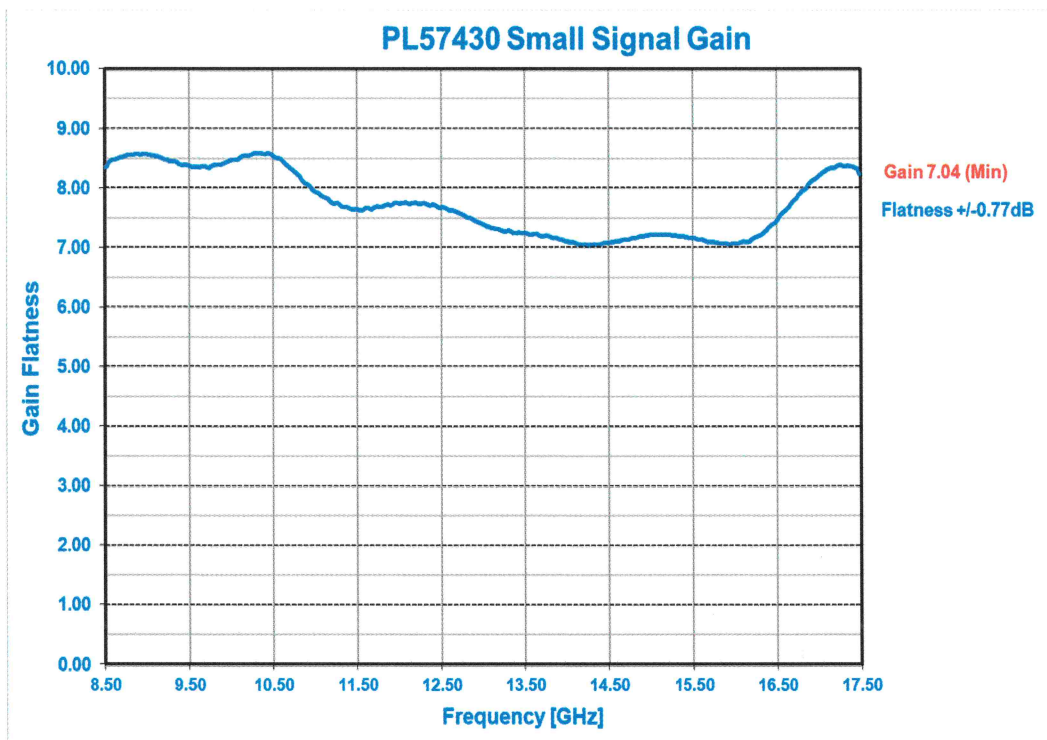
QA/QC Approval: **PMI**
QA3 *KKL*

Date: 2-12-26

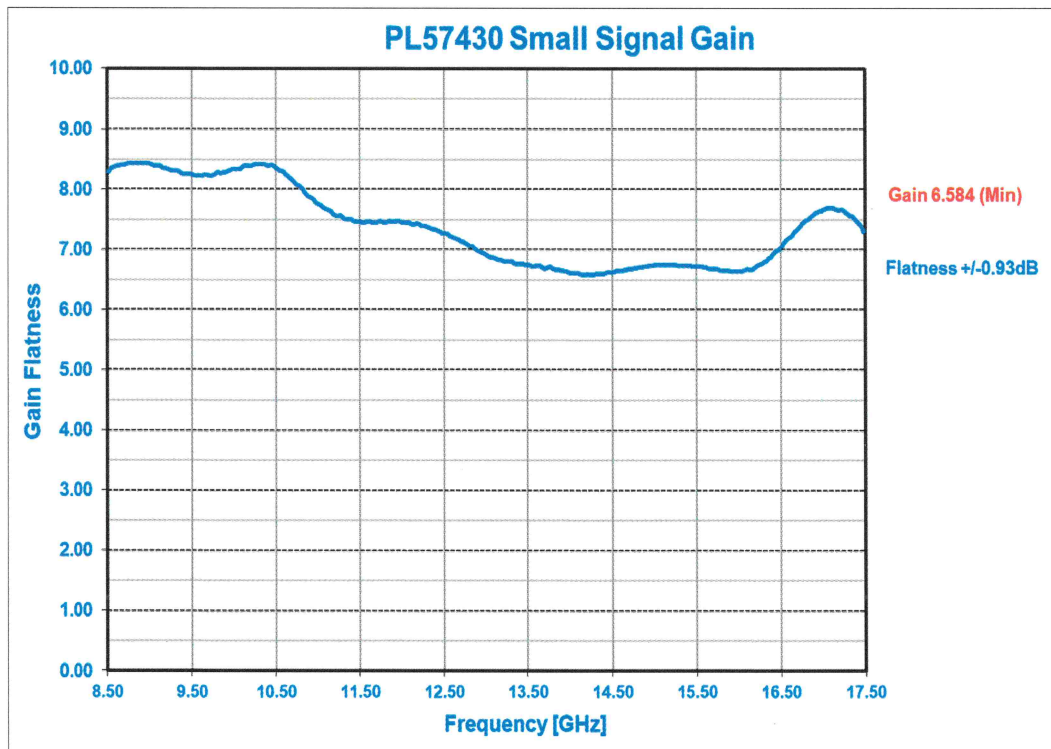
Gain and Gain Flatness @ -54°C



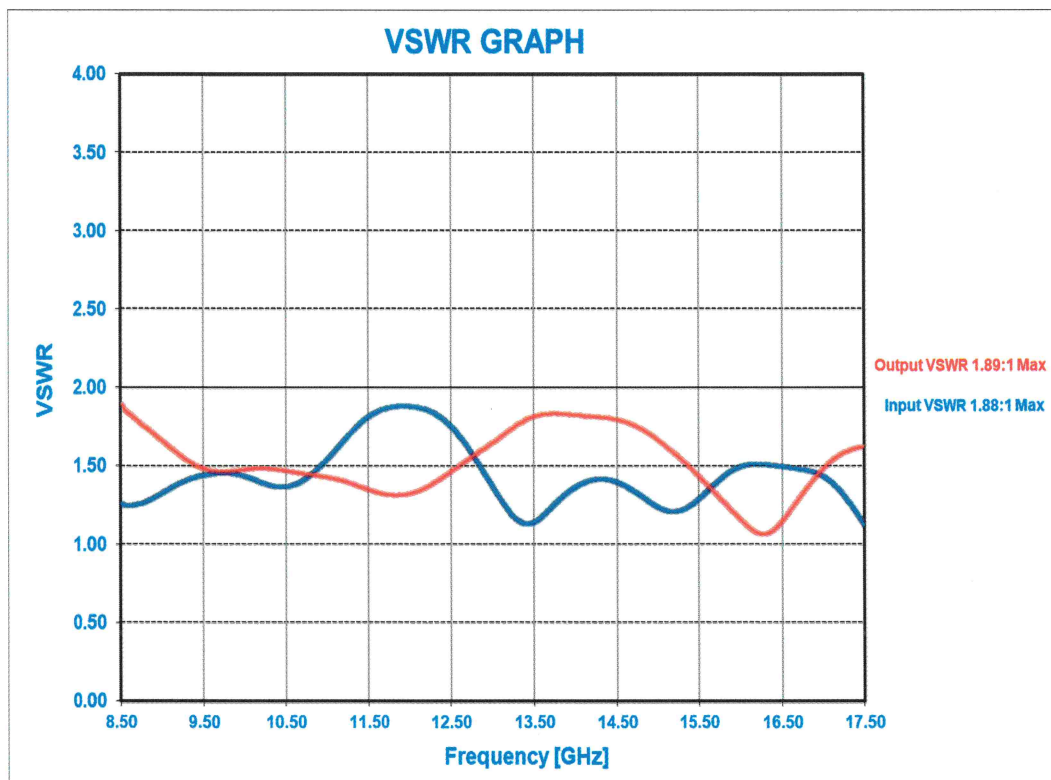
Gain and GainFlatness @ +25°C



Gain and GainFlatness @ +85°C



VSWR @ +25C°



Harmonic Suppression @ +19 dBm Input

