

**SUMMARY TEST
ON
PA-618-25G-6NF-30DBM-15V-SFF-2**

Customer: _____

Tested By: A. Lopez

SO No.: _____

Temperature: +25°C

Model No.: _____

Date: 10/7/2025

Serial No.: 1

Drawing No: 27650820 REV: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QC QA
1	Frequency Range:	6.0 - 18.0 GHz	6.0 - 18.0 GHz	PMI QA2
2	Gain:	+24 dB Max. +21.5 dB Min.	+ 23.27 dB Max. + 22.63 dB Min. See Graph	
3	Gain Flatness:	±1.5 dB Max.	±0.32 dB See Graph	
4	VSWR: (In/Out)	2.0:1 Max.	1.69 :1 See Graph	
5	Input Power	27 dBm Max.	Pass +27 dBm See Typical Characteristics	
6	OP1dB:	30 dBm Typ.	+ 29.54 dBm See Graph	
7	Noise Figure:	5 dB Typ. 8.5 dB Max	4.15 dB See Graph	
8	DC Supply:	+15 VDC @ 1 A (Iq)	+15 VDC @ 750 mA	
9	Detection of Overheat (Temp)	"0" = OVERHEAT WITH AUTOMATIC SHUTOFF "3.3V" = NORMAL OPERATION	Set "0V" = Automatic ShutOFF "3.3V = Operation	PMI QA2

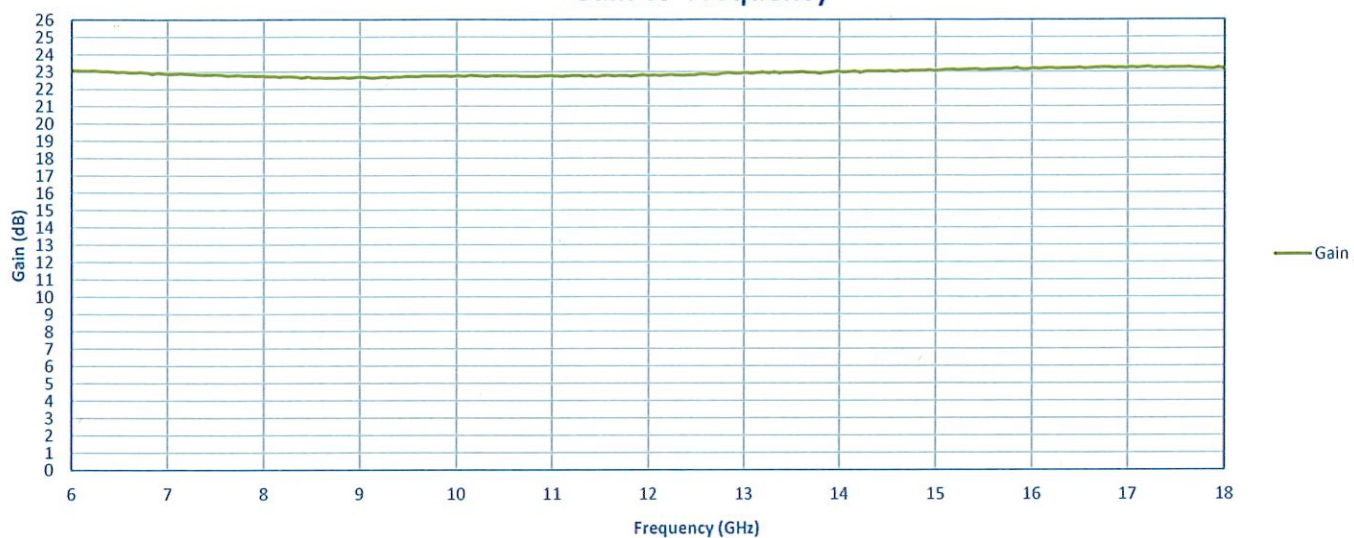
QA/QC Approval: _____

PMI
QA2

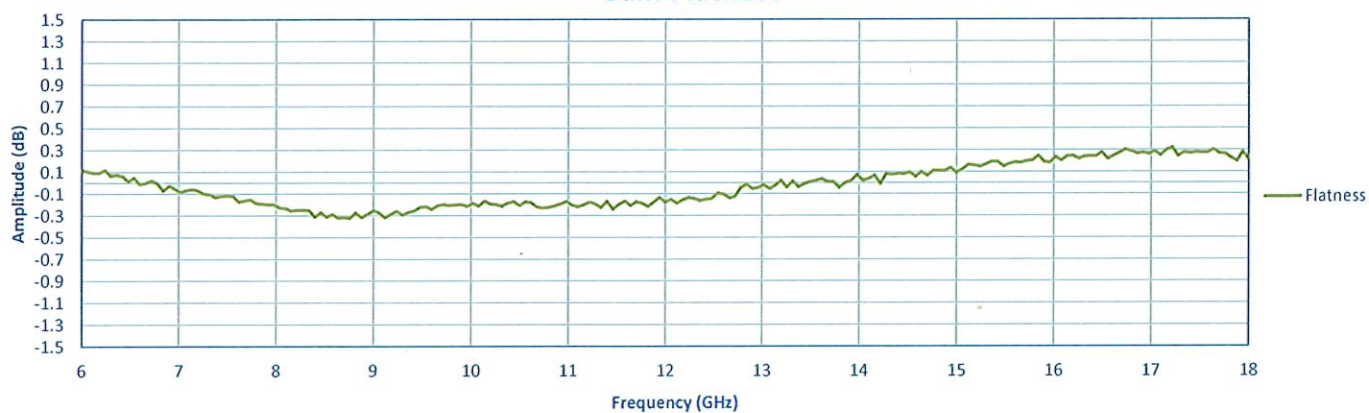
Date: 10/8/2025

SUMMARY TEST ON PA-618-25G-6NF-30DBM-15V-SFF-2

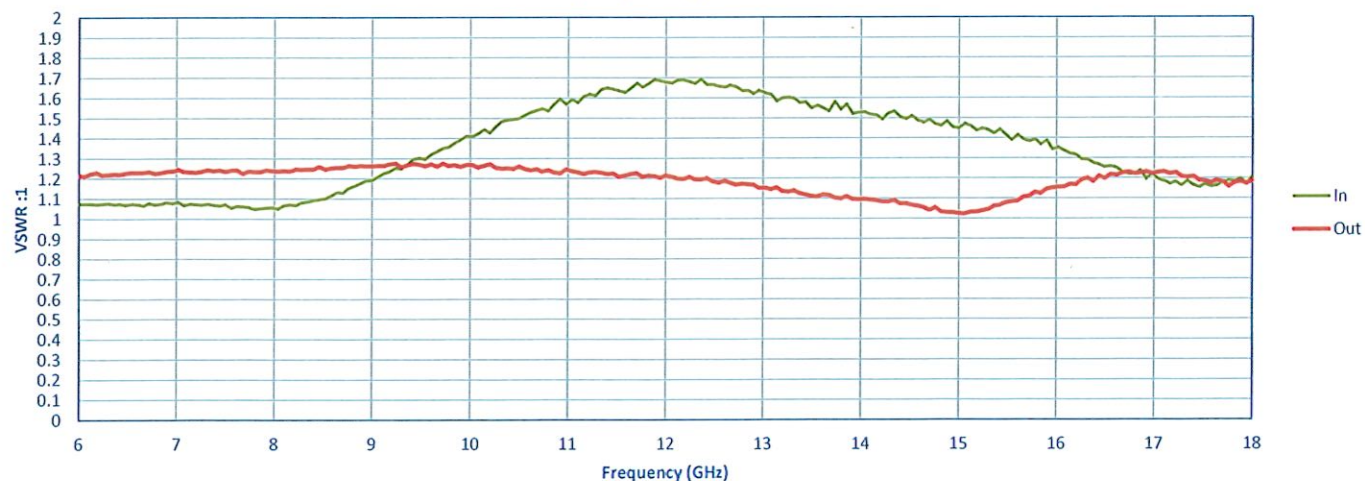
Gain vs Frequency



Gain Flatness

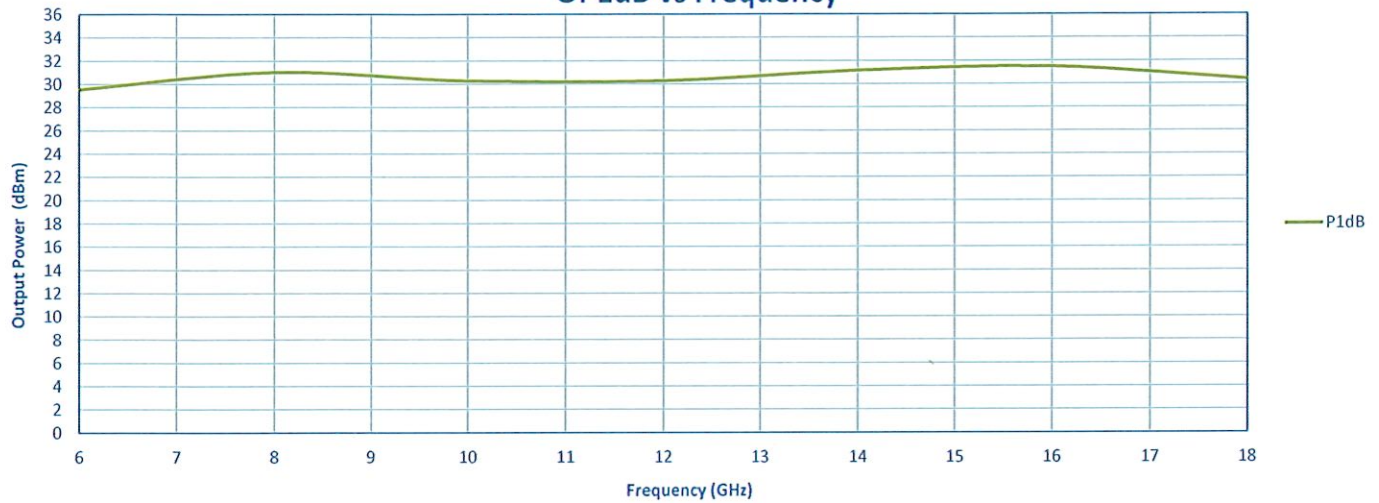


Input/Output VSWR

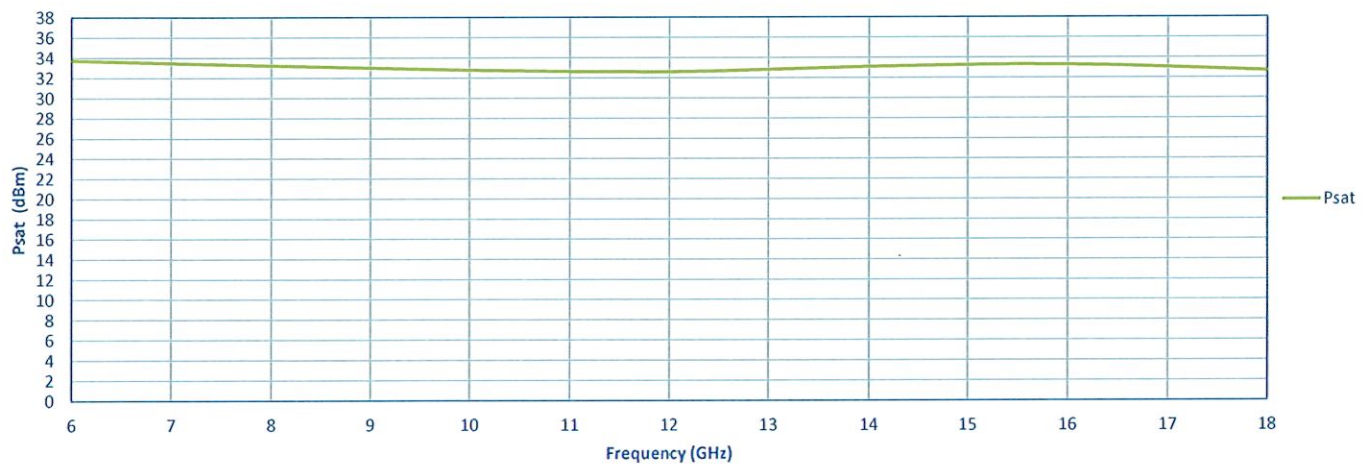


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OP1dB vs Frequency



PSat vs Frequency



Noise Figure vs Frequency

