

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

Customer: _____
SO No: _____
Model No: PA-618-25G-6NF-30DBM-15V-SFF-2
Serial No: PL54788/2532

Tested By: A. Lopez
Temperature: +25°C
Date: 10/7/2025
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.	+ 23.43 dB Max. + 22.8 dB Min. See Graph	
3	Gain Flatness:	±1.5 dB Max.	±0.31 dB See Graph	
4	VSWR: (In/Out)	2.0:1 Max.	1.84 :1 See Graph	
5	Input Power	27 dBm Max.	Pass +27 dBm See Typcal Characteristics	
6	OP1dB:	30 dBm Typ.	+ 29.38 dBm See Graph	
7	Noise Figure:	5 dB Typ. 8.5 dB Max	4.49 dB See Graph	
8	DC Supply:	+15 VDC @ 1 A (Iq)	+15 VDC @ 760 mA	
9	Detection of Overheat (Temp)	"0" = OVERHEAT WITH AUTOMATIC SHUTOFF "3.3V" = NORMAL OPERATION	Set "0V" = Automatic ShutOFF "3.3V = Operation	PMI QA2

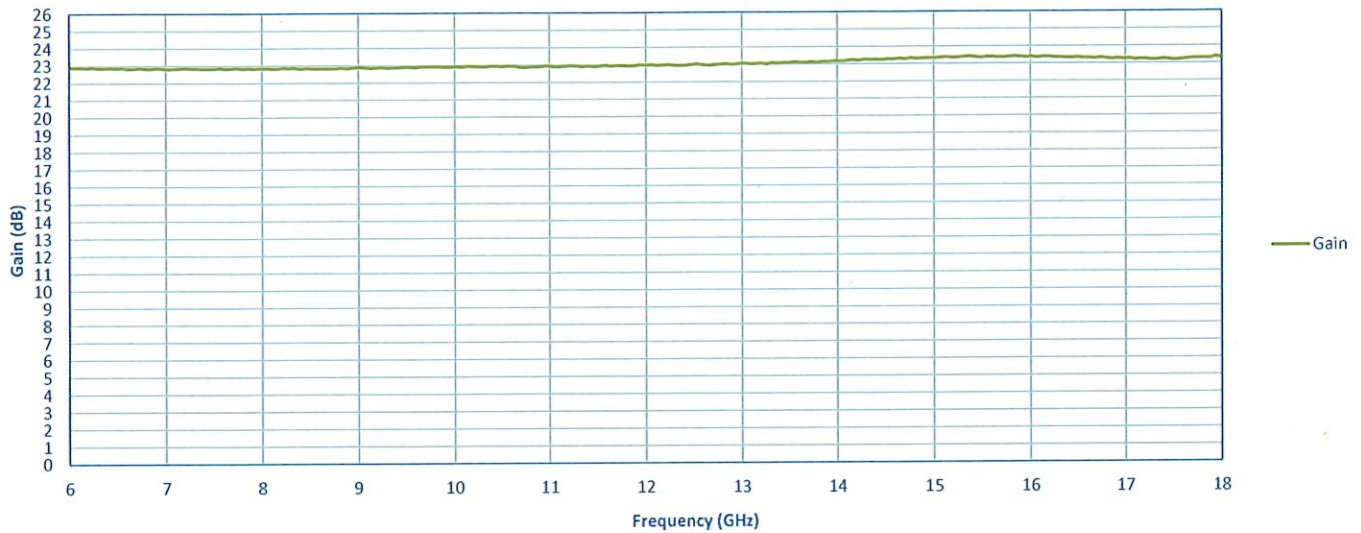
QA/QC Approval: _____

PMI
QA2

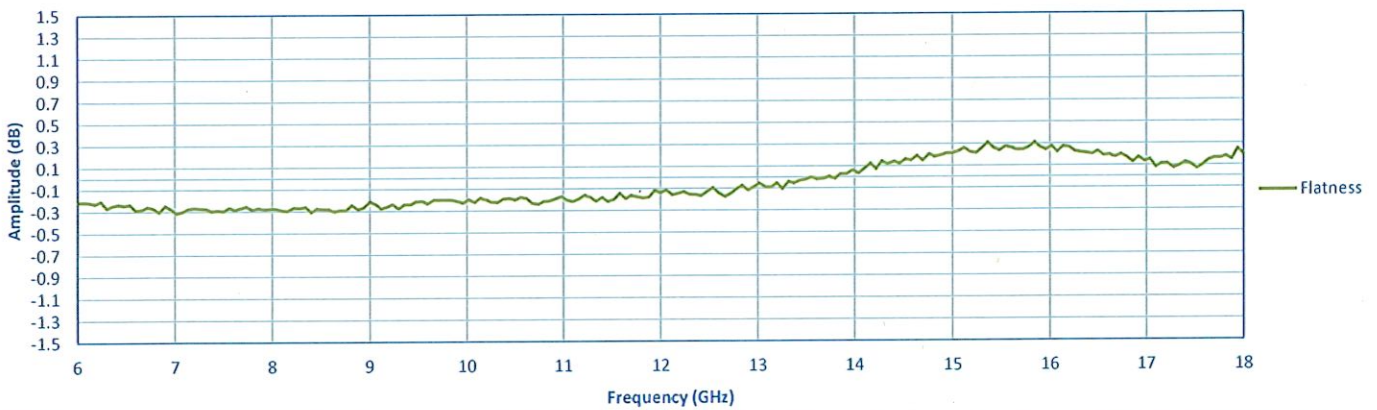
Date: 10/8/2025

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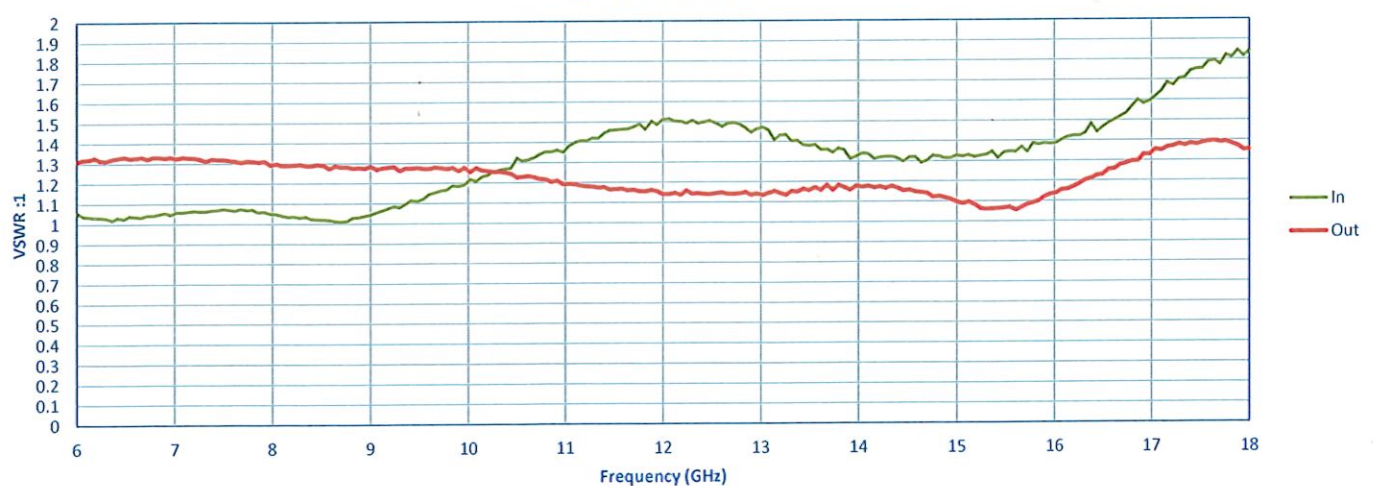
Gain vs Frequency



Gain Flatness

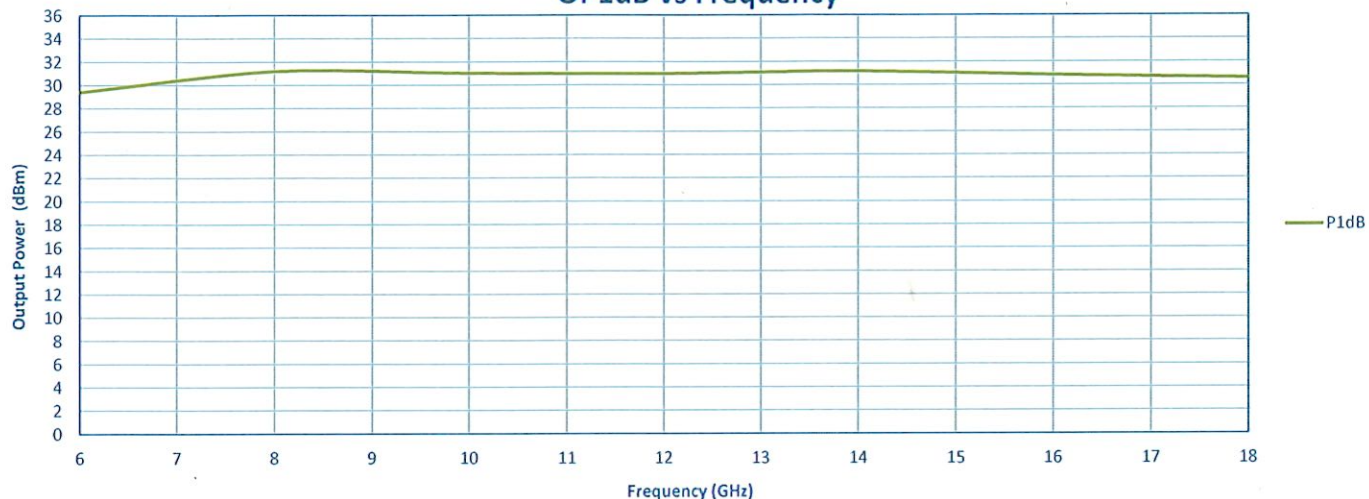


Input/Output VSWR

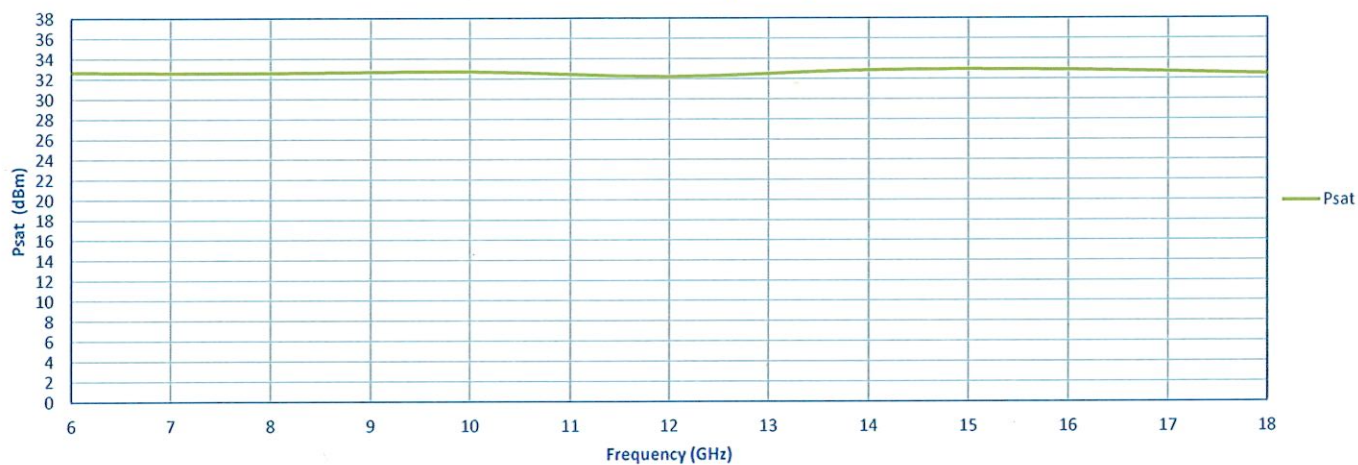


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OP1dB vs Frequency



PSat vs Frequency



Noise Figure vs Frequency

