

SUMMARY TEST
12.475
PA-2G18G-43-5-40-SFF

Customer: _____
SO No: _____
Model No: PA-2G18G-43-5-40-SFF
Serial No: PL51273/2505

Tested By: A. Mousavi
Temperature: +25° C
Date: 1/28/2025
Drawing No: 27645180 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	2.0 - 18.0 GHz	2.0 - 18.0 GHz	PMI QA4
2	Gain:	43 dB Typ. 39 dB Min.	42.37 dB See Graph	
3	VSWR: (Input/Output)	2.0:1 Input Max. 2.4:1 Output Max.	1.92:1 In	
			2.09:1 Out	
			See Graph	
4	Noise Figure:	5.0 dB Max	3.55 dB See Graph	
5	PSAT:	40 dBm (10W) Typ. 36 dBm Min	41.08 dBm Max.	
			37.82 dBm Min.	
			See Graph	
6	Input Power:	20 dBm Max.	Pass See Typical Characteristics	
7	DC Supply:	+22 VDC	+22 VDC & 1800 mA	
8	Control (Enable)	"1" = +3V ON "0" = 0 V OFF	Pass	

Typical Current

Quiescent current and maximum current	
-40°C	
-30 dBm Input Power	1,860 mA
+20 dBm Input Power	2,550 mA

+25°C	
-30 dBm Input Power	2,150 mA
+20 dBm Input Power	3,200 mA

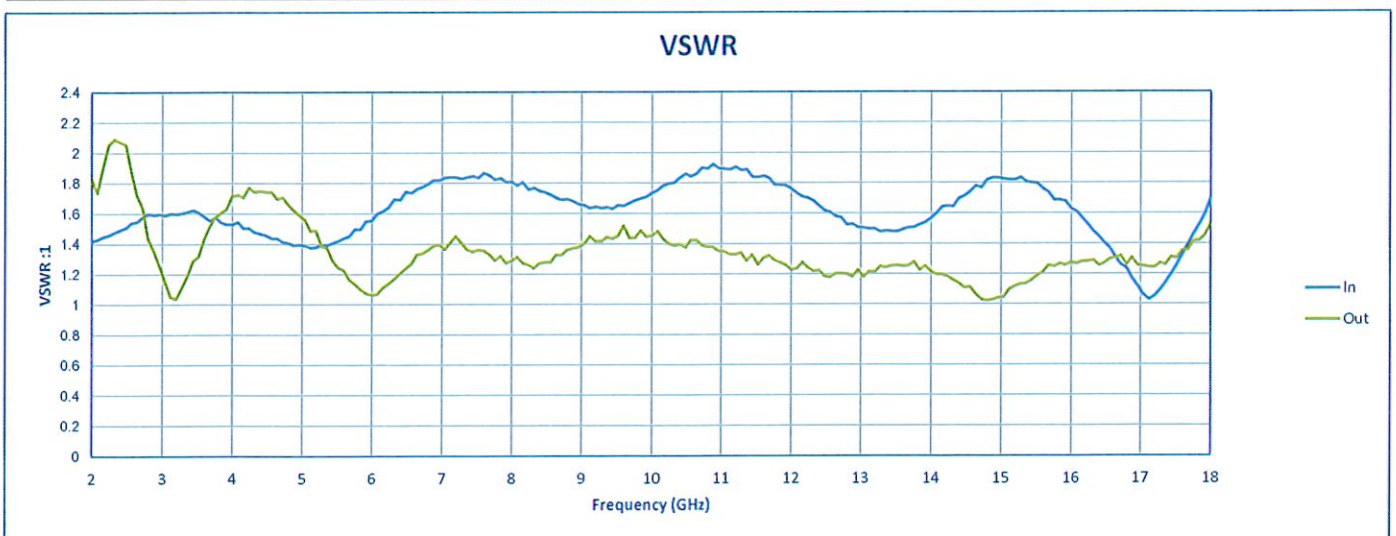
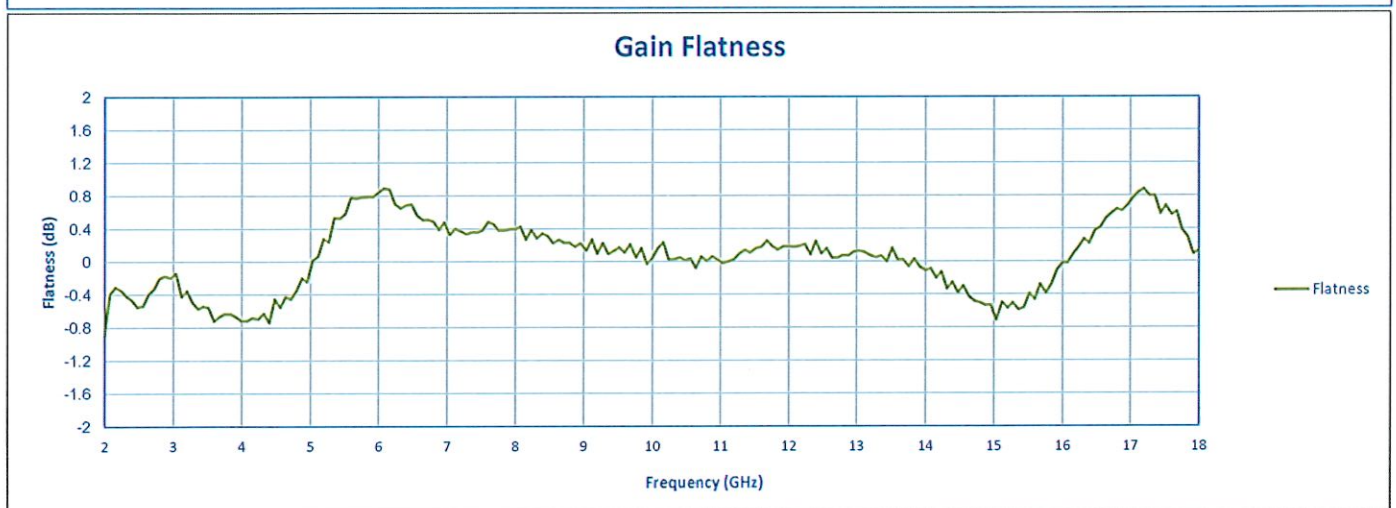
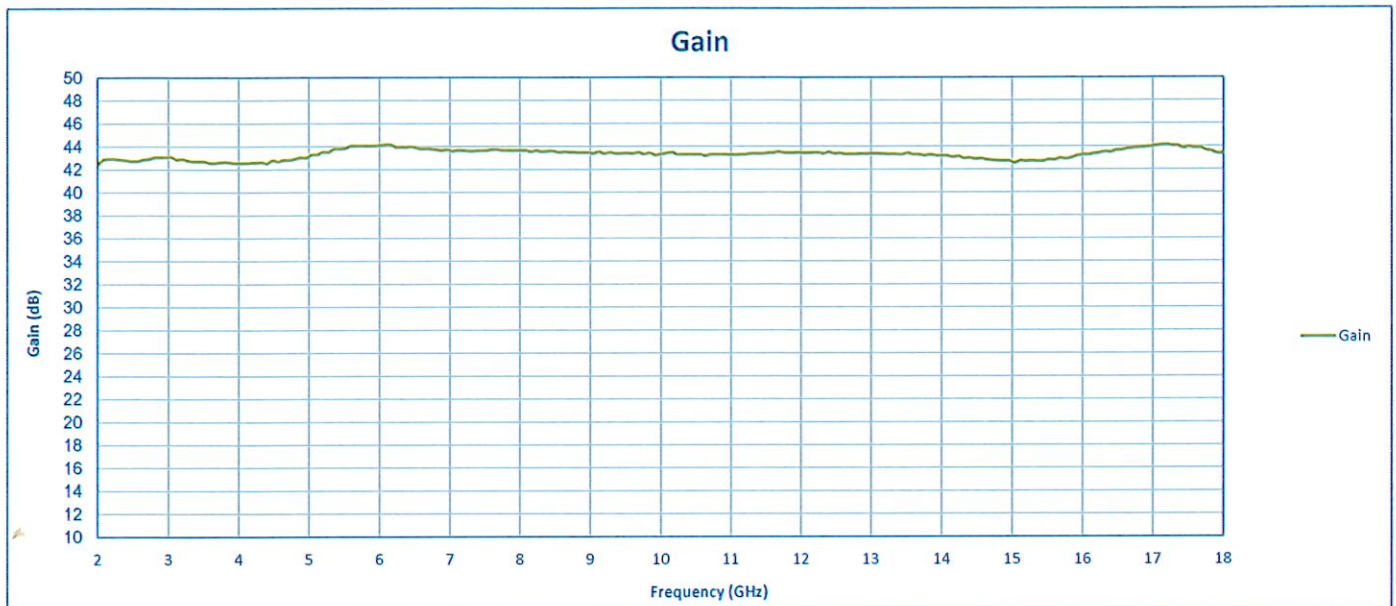
+85°C	
-30 dBm Input Power	2,400 mA
+20 dBm Input Power	3,300 mA

QA/QC Approval:

Carmona Velazquez

Date: 2/6/25

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