

**SUMMARY TEST**

**PA-2G18G-43-5-40-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PA-2G18G-43-5-40-SFF  
 Serial No: PL54562/2531

Tested By: A. Mousavi  
 Temperature: +25° C  
 Date: 7/30/2025  
 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	
2	Gain:	43 dB Typ. 39 dB Min.	44.84 dB See Graph	
3	VSWR: (Input/Output)	2.0:1 Input Max. 2.4:1 Output Max.	2:1 In	
			2.13:1 Out	
			See Graph	
4	Noise Figure:	5.0 dB Max	2.74 dB See Graph	
5	PSAT:	40 dBm (10W) Typ. 36 dBm Min	43.28 dBm Max.	
			40.12 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:

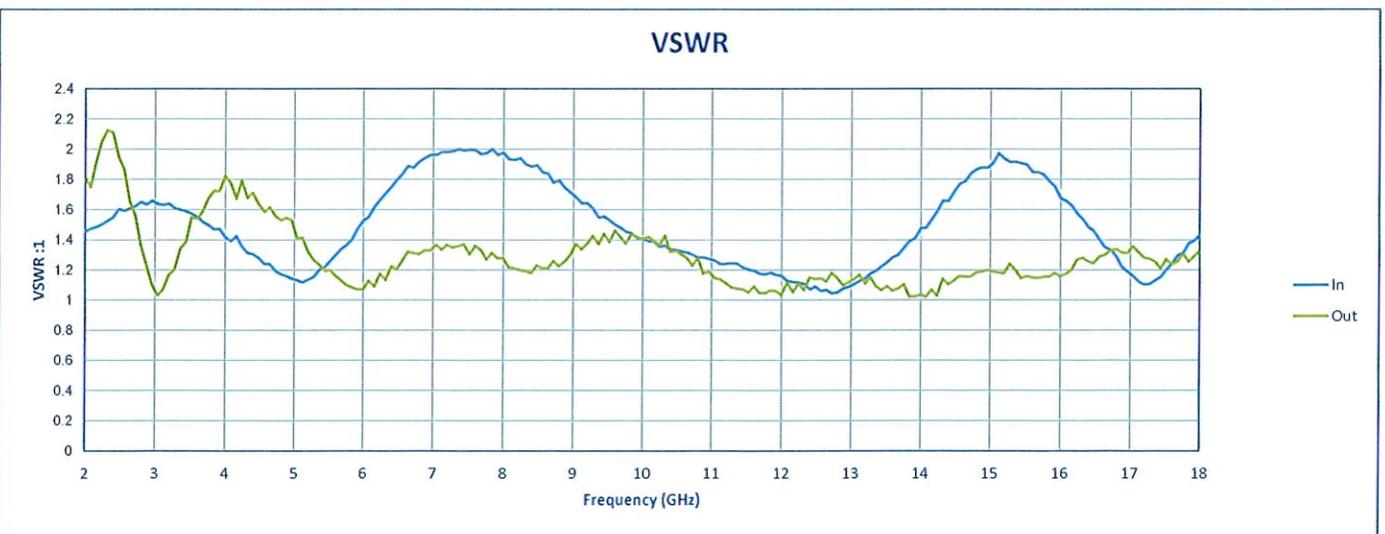
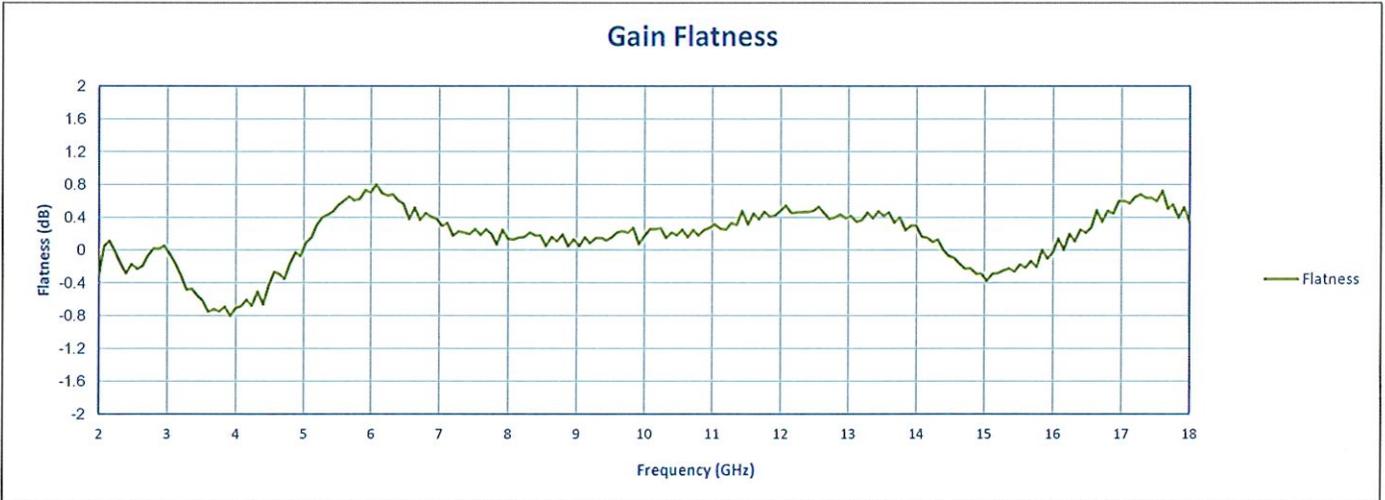
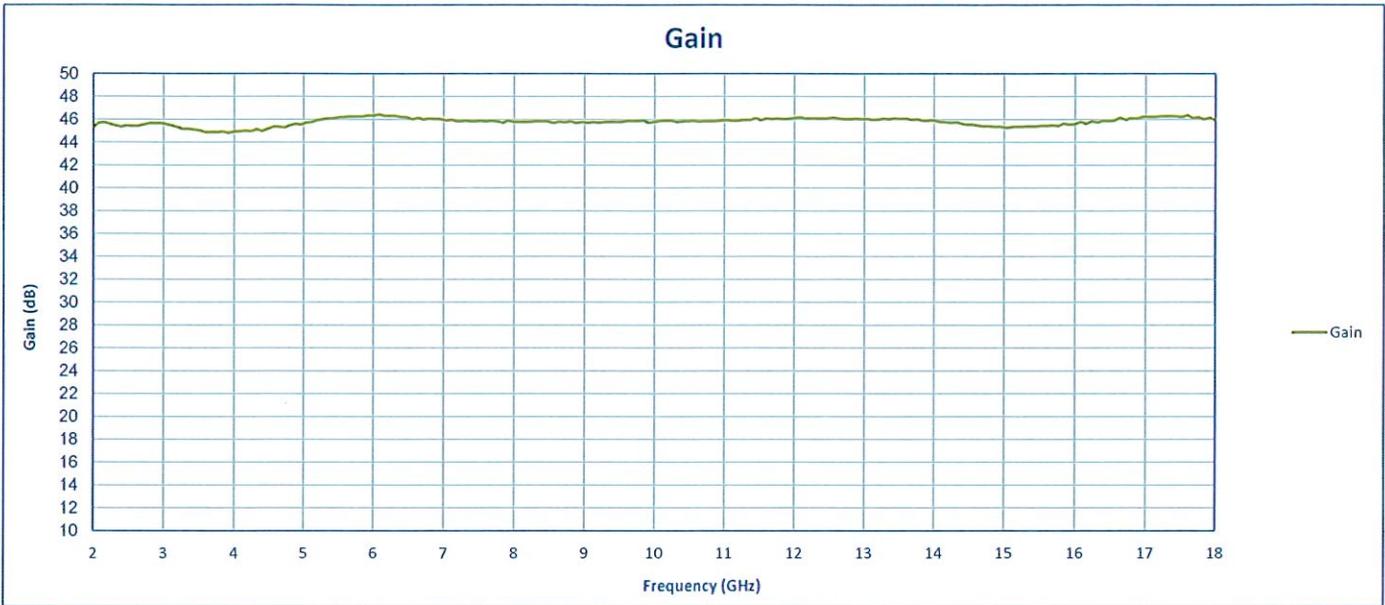


Date:

8/4/25

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