



## SUMMARY TEST DATA ON PLNA-44-16K18G-SFF

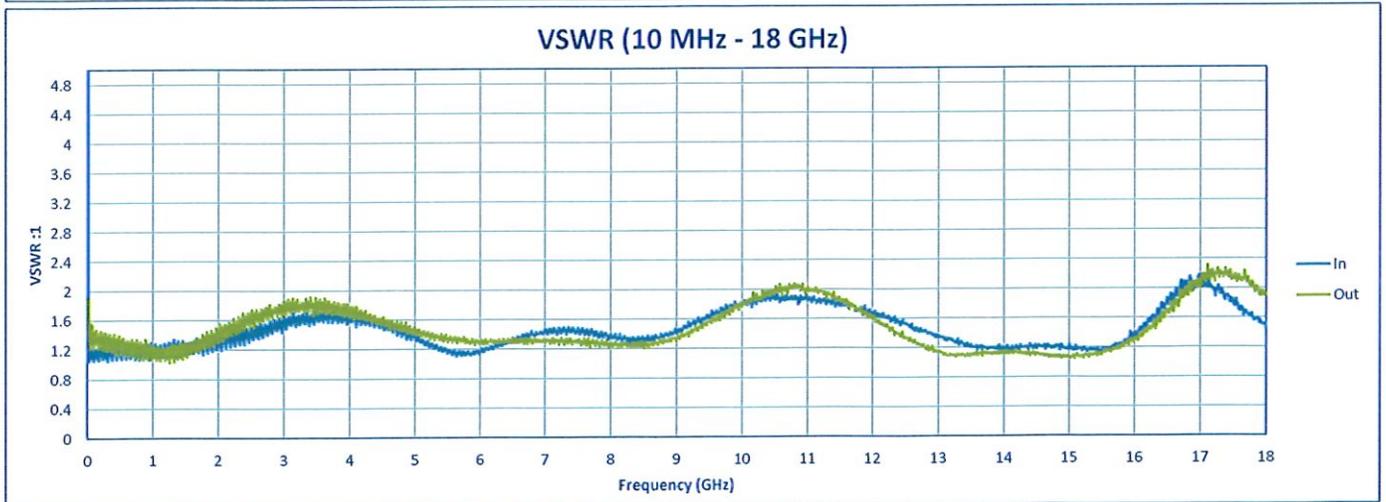
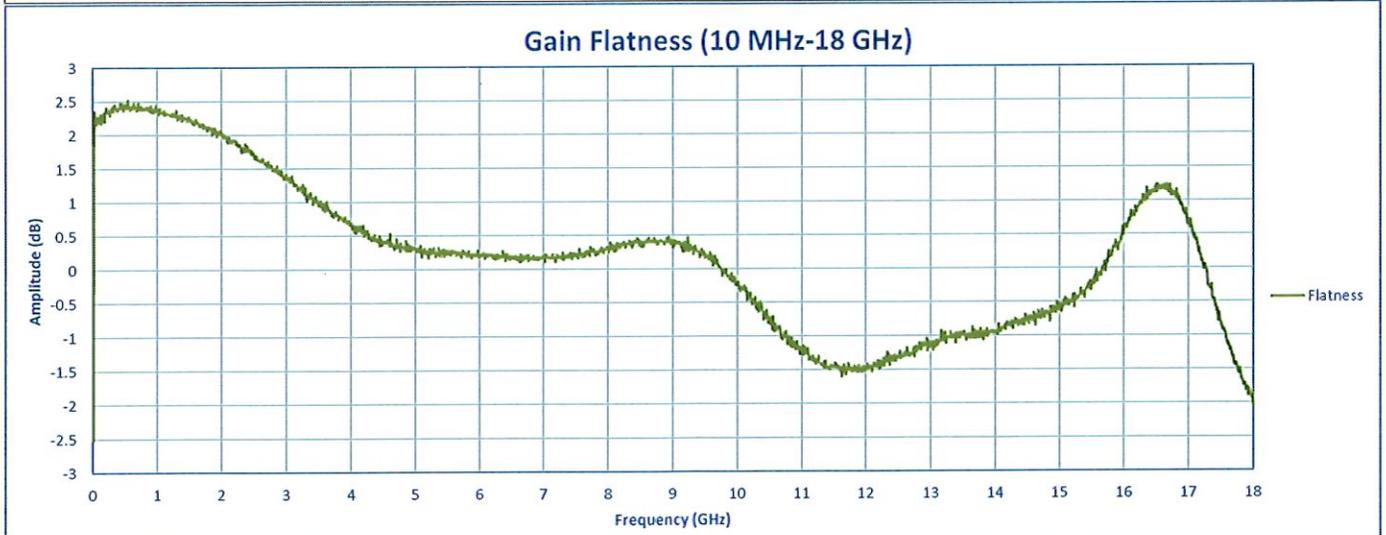
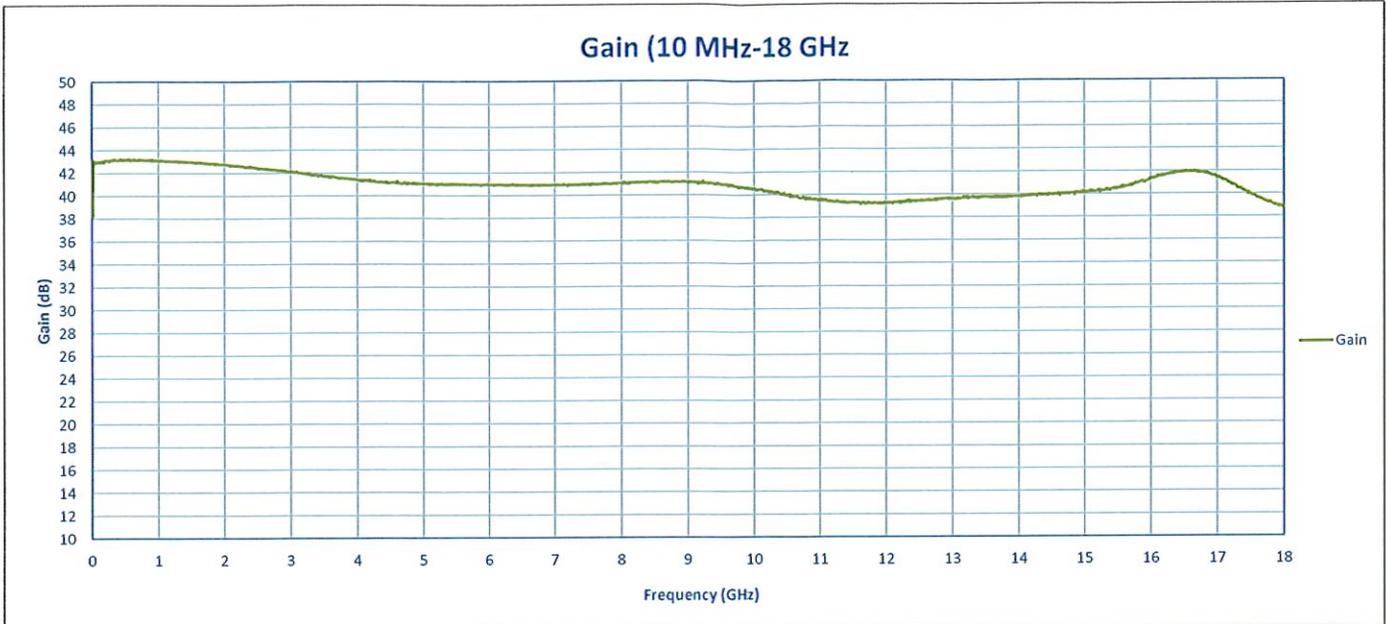
Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PLNA-44-16K18G-SFF  
 Serial No: PL53845/2527

Tested By: Alfredo Lopez  
 Temperature: +25°C  
 Date: 7/2/2025  
 Drawing No: \_\_\_\_\_ REV: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA
			+25°C	QC
1	Frequency Range:	4 MHz to 18 GHz	4 MHz to 18 GHz	
2	Gain:	36 dB Min.	+ 43.26 dB Max. + 38.23 dB Min. See Graph	
3	Gain Flatness:	±2.5 dB Typ.	±2.51 dB See Graph	
4	Noise Figure:	3.5 dB Typ.	7.37 dB	
			(10 MHz to 0.5 GHz)	
			3.87 dB	
			(0.5 to 18 GHz) See Graph	
5	OP1dB:	+12 dBm Min	+ 12.88 dBm See Graph	
6	Psat:	+16 dBm Typ.	+ 14.89 dBm See Graph	
7	Input Power Handling:	+20 dBm Max.	Pass	
8	VSWR: (Input/Output)	2.4:1 Max. (Input) 2.5:1 Max. (Output)	2.18 :1 (In)	
			2.31 :1 (Out)	
			See Graph	
9	DC Supply:	+5 VDC @ 200 mA Max.	+5 VDC @ 155 mA	

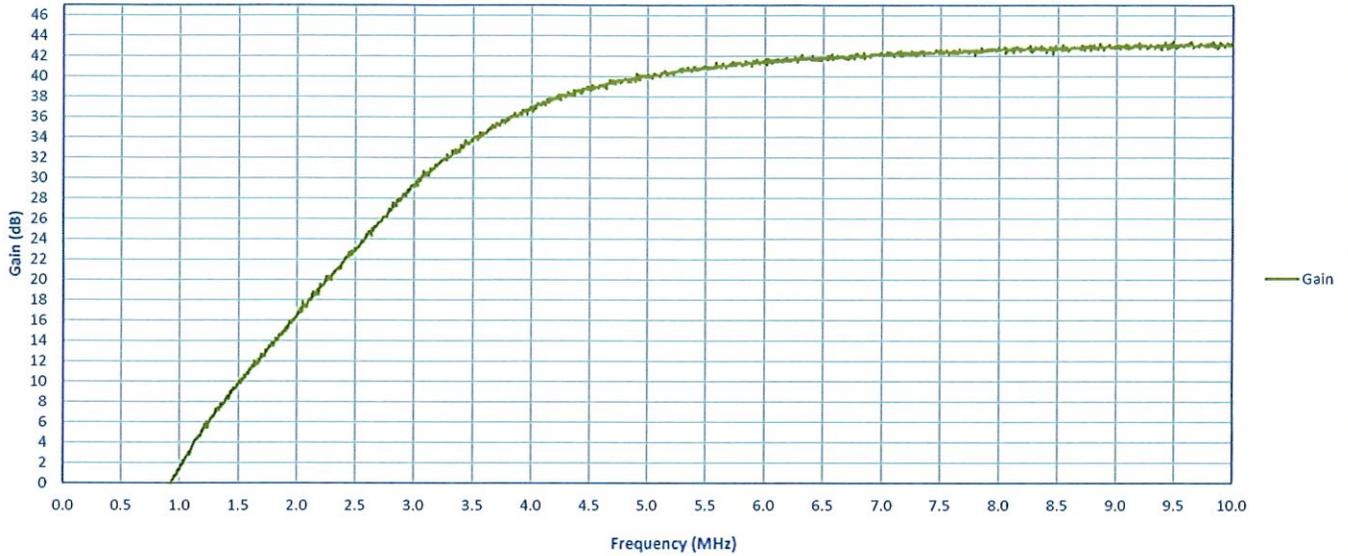
QA/QC Approval:

Date: 7/15/25

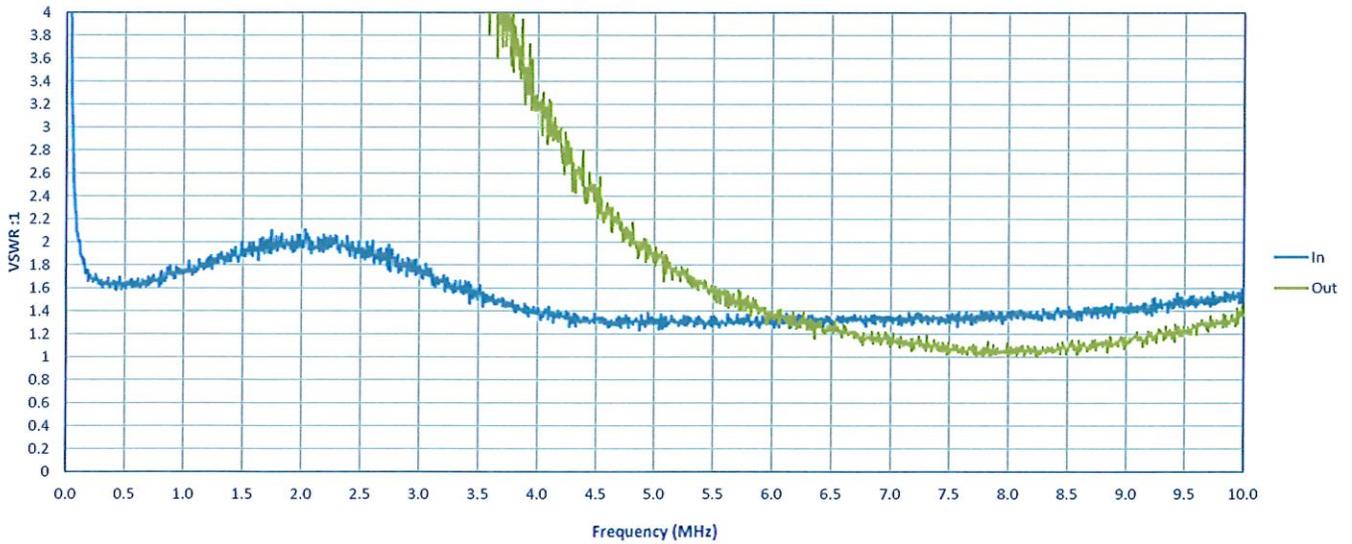


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### Gain (9 KHz to 10 MHz)

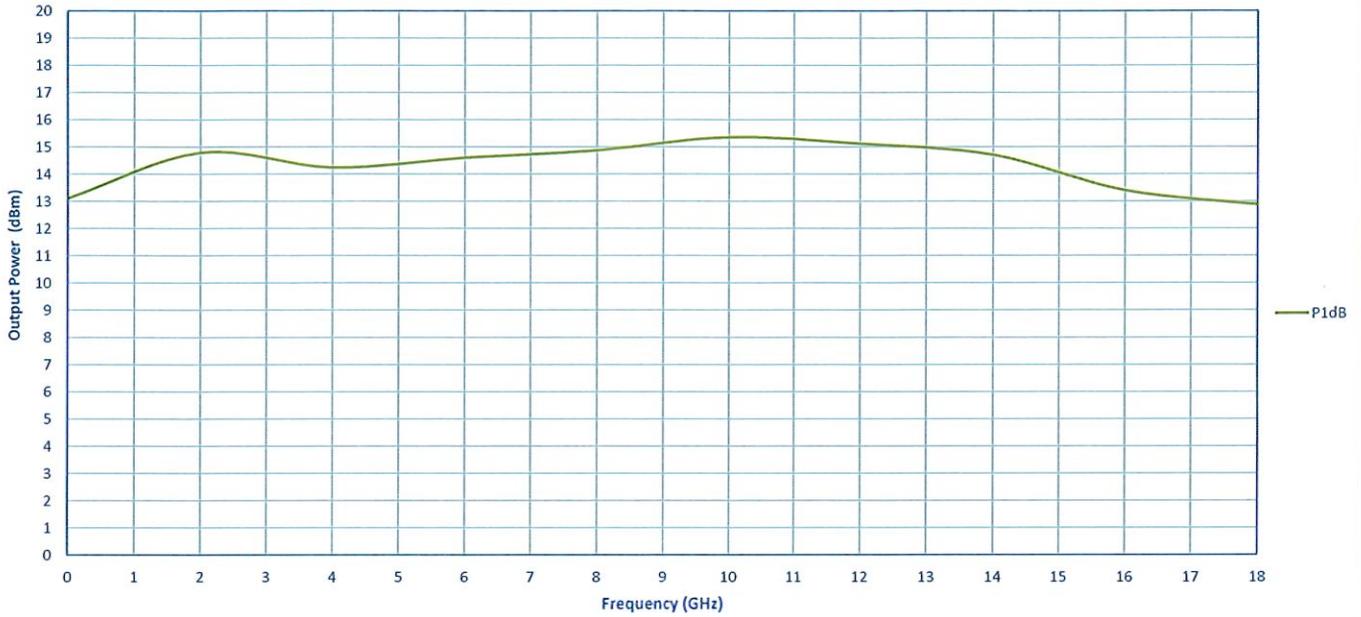


### VSWR (9KHz to 10 MHz)

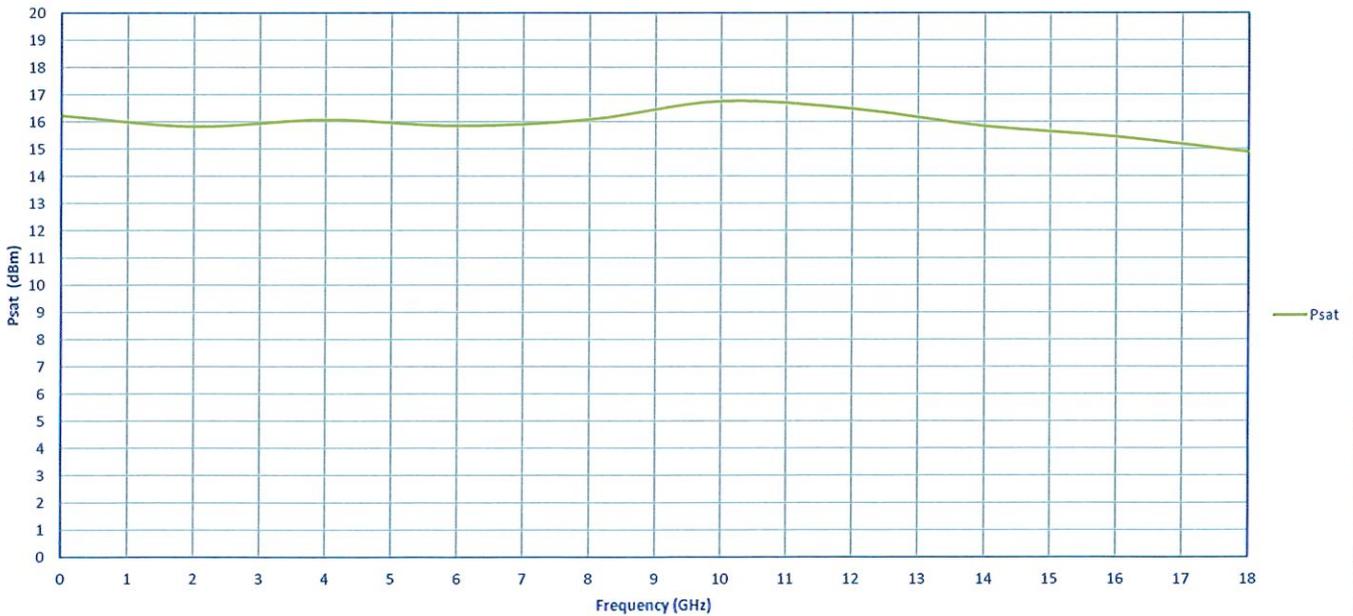


# SUMMARY TEST DATA ON PLNA-44-16K18G-SFF

### OP1dB (10 MHz to 18 GHz)

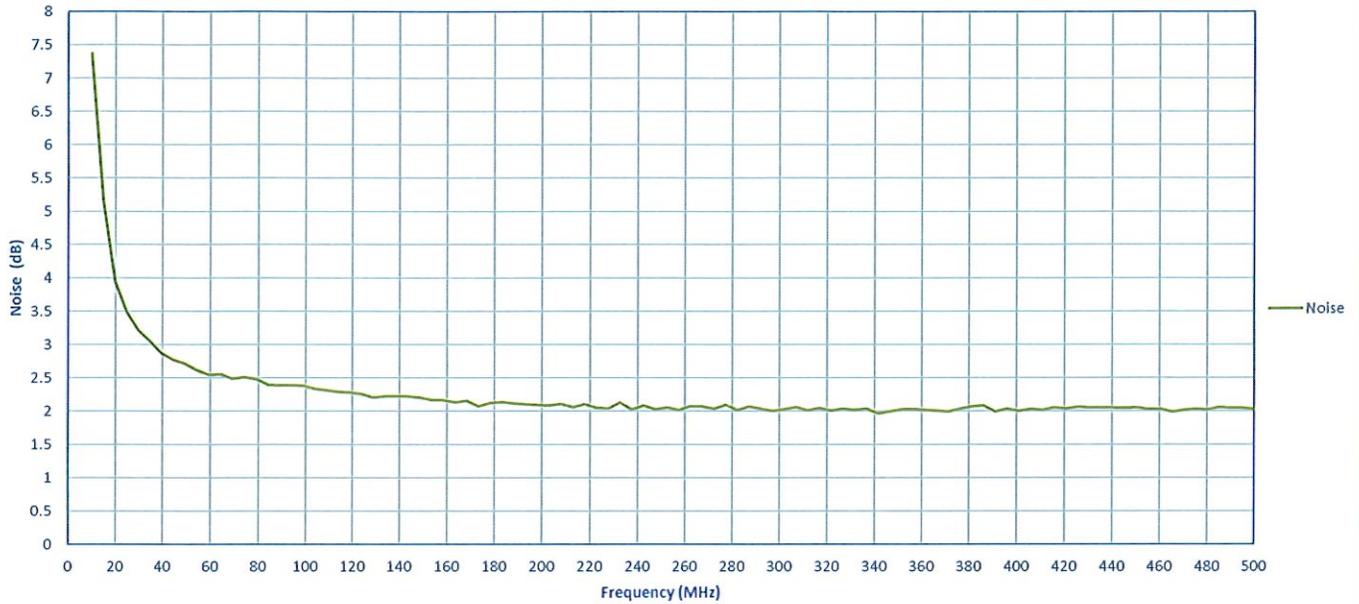


### PSAT (10 MHz to 18 GHz)



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**Noise Figure (10 MHz to 0.5 GHz)**



**Noise Figure (0.5 to 18 GHz)**

