

**SUMMARY TEST DATA
ON**

PLNA-42D5-8G18G-5NF-15DBM-12V-SFF

Customer: _____
 SO No: _____
 Model No: PLNA-42D5-8G18G-5NF-15DBM-12V-SFF
 Serial No: PL54217/2529

Tested By: E. Kretz
 Temperature: +25° C
 Date: 7/16/2025
 Drawing No: 27651021 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results			QA QC
			+25°C	-20°C	+90°C	
1	Frequency Range	8.0 - 18.0 GHz	GHz	GHz	GHz	
2	Gain (Min-Max)	+46 dB Max. +39 dB Min.	+44.4 dB Max +42.3 dB Min See Plot	+44.2 dB Max +41.5 dB Min See Plot	+43.6 dB Max +41.6 dB Min See Plot	
3	Gain Flatness	±2.5 dB Max.	±1.04 dB See Plot	±1.36 dB See Plot	±1.04 dB See Plot	
4	Noise Figure	4.0 dB Max. @ +25°C 5.0 dB Max.	3.4 dB See Plot	3.2 dB See Plot	4 dB See Plot	
5	Saturated Output Power	+15 dBm Min.	19.67 dBm			
6	Harmonics at +5 dBm Input	-9 dBc Max.	-13.4 dBc			
7	VSWR (IN/OUT)	2.0:1 Max.	1.4:1 In 1.9:1 Out See Plot			
8	DC Power Supply	+12 VDC @ 450 mA Max.	+12V @ 283 mA			

QA/QC Approval: _____

Date: _____

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