



**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30472/2044

Customer: _____ Tested By: Glen Guillot
SO No: _____ Temperature: +25°C
Model No: PE2-19-6G18G-1R6-16-12-SFF Date: 10/27/2020
Serial No: PL30472/2044 Drawing No: 27631820 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	6.0 to 18.0 GHZ	6.0 to 18.0 GHZ See Plot	PMI QA3	
2	Gain:	19 dB Typ.	17.7 dB See Plot	↓	
3	Noise Figure:	2.0dB Typ. 2.5dB Max.	2.22 dB Max.		
4	VSWR (S11) Input	2.0:1 Max.	1.87:1		
5	VSWR (S22) Output	2.0:1 Max.	1.90:1		
6	OP1dB:	13 dBm Min.	13.6 dBm Min. See Plot		
7	Third Order Intercept (IP3)	23 dBm Min.	23.8 dBm See Plot		
8	DC Supply Current	+12 TO +15 VDC @ 100 mA Max	90 mA		PMI QA3

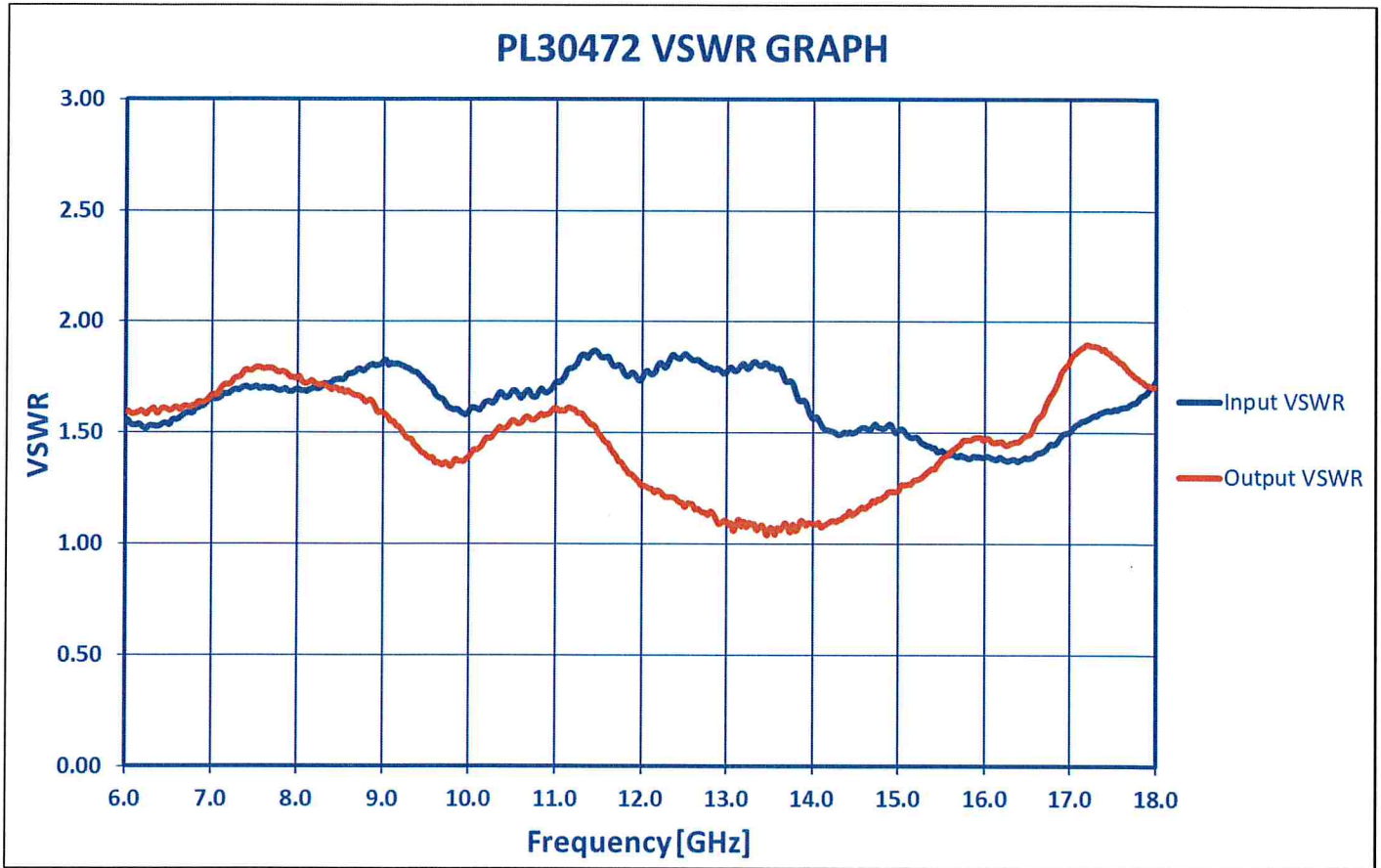
QA/QC Approval: A Zimmerman Date: 10-28-2020



SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF

PL30472/2044

INPUT / OUTPUT VSWR (S11 & S22)

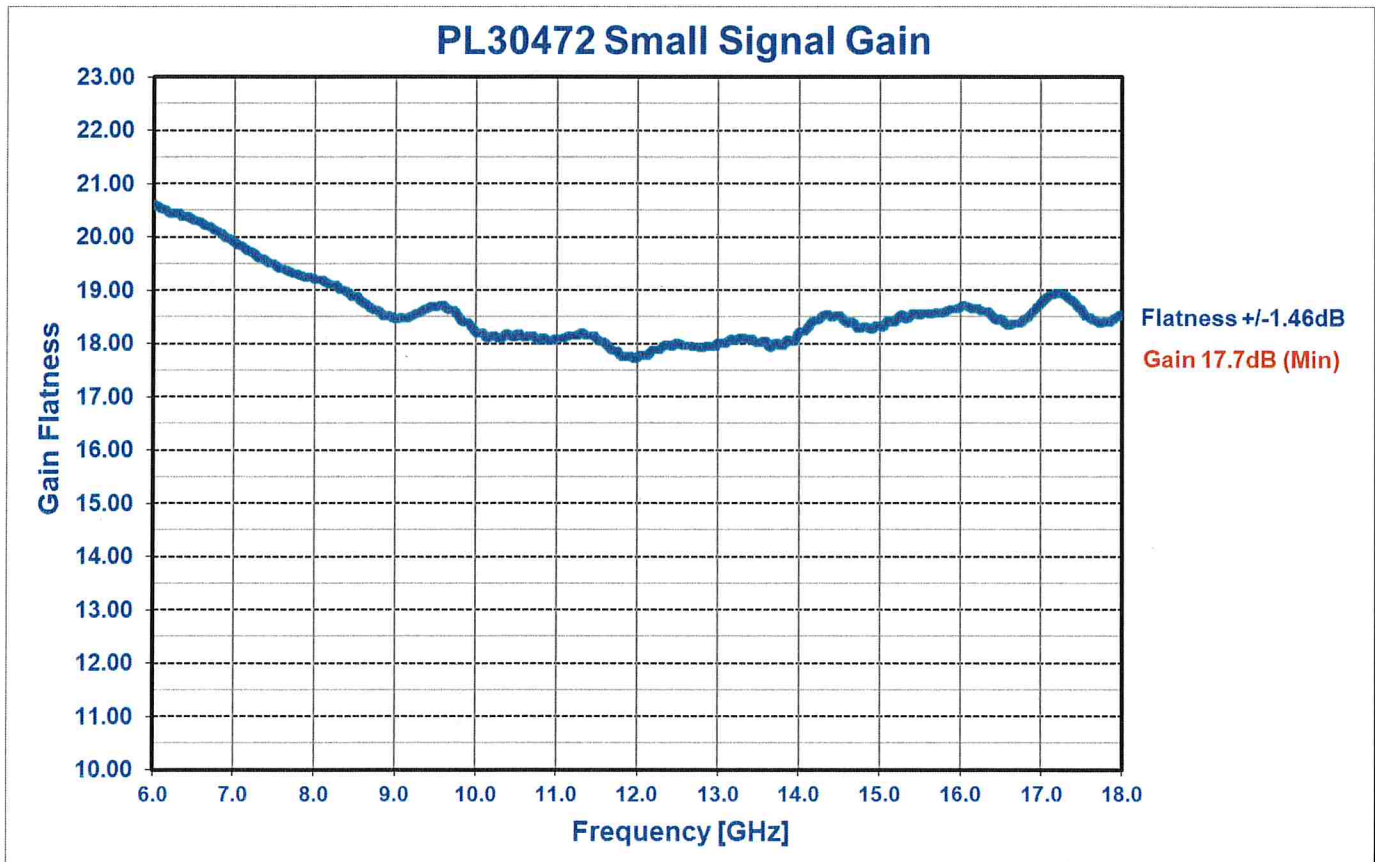




**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30472/2044

SMALL SIGNAL GAIN





**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30472/2044

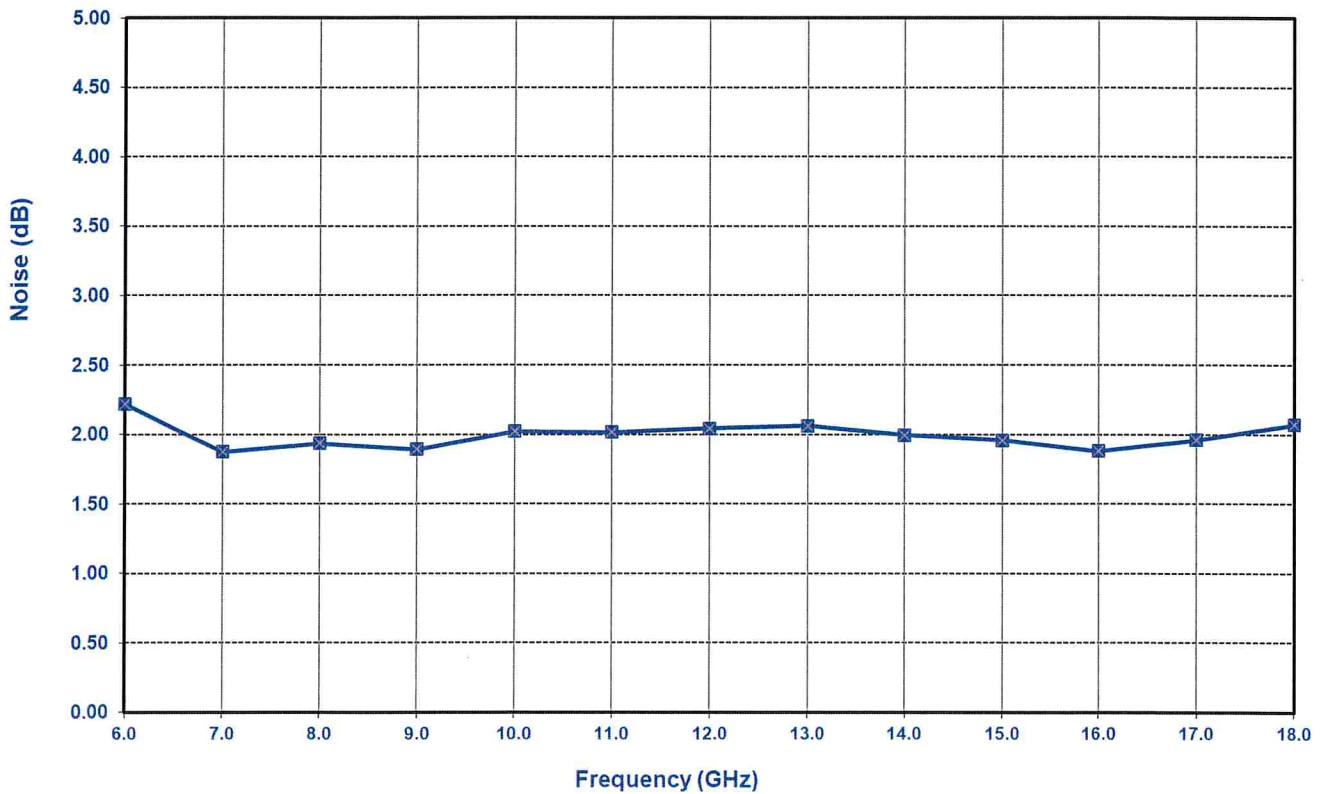
NOISE FIGURE

S/N: PL30472

Noise Figure

Max Noise 2.22 dB At Freq. : 6 GHz

Min Noise 1.87 dB



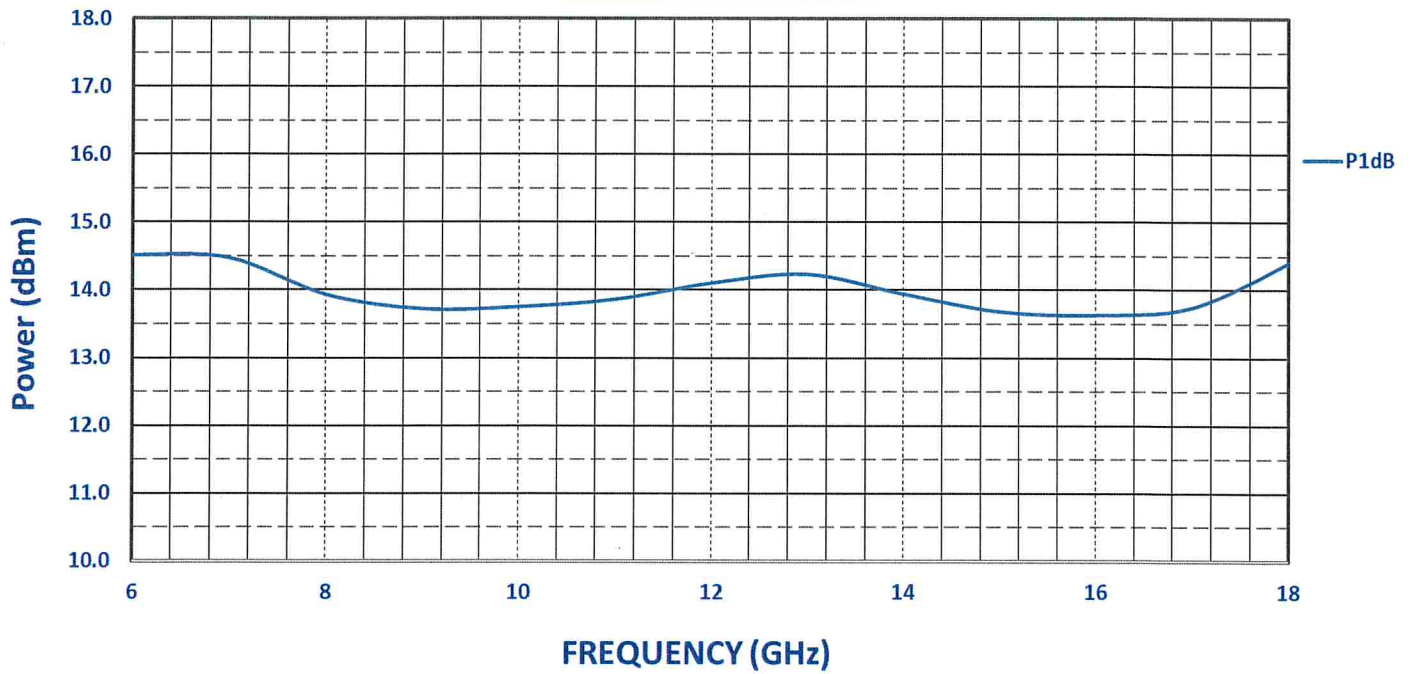


**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30472/2044

1 dB COMPRESSION (P-1dB)

P1dB Vs Frequency

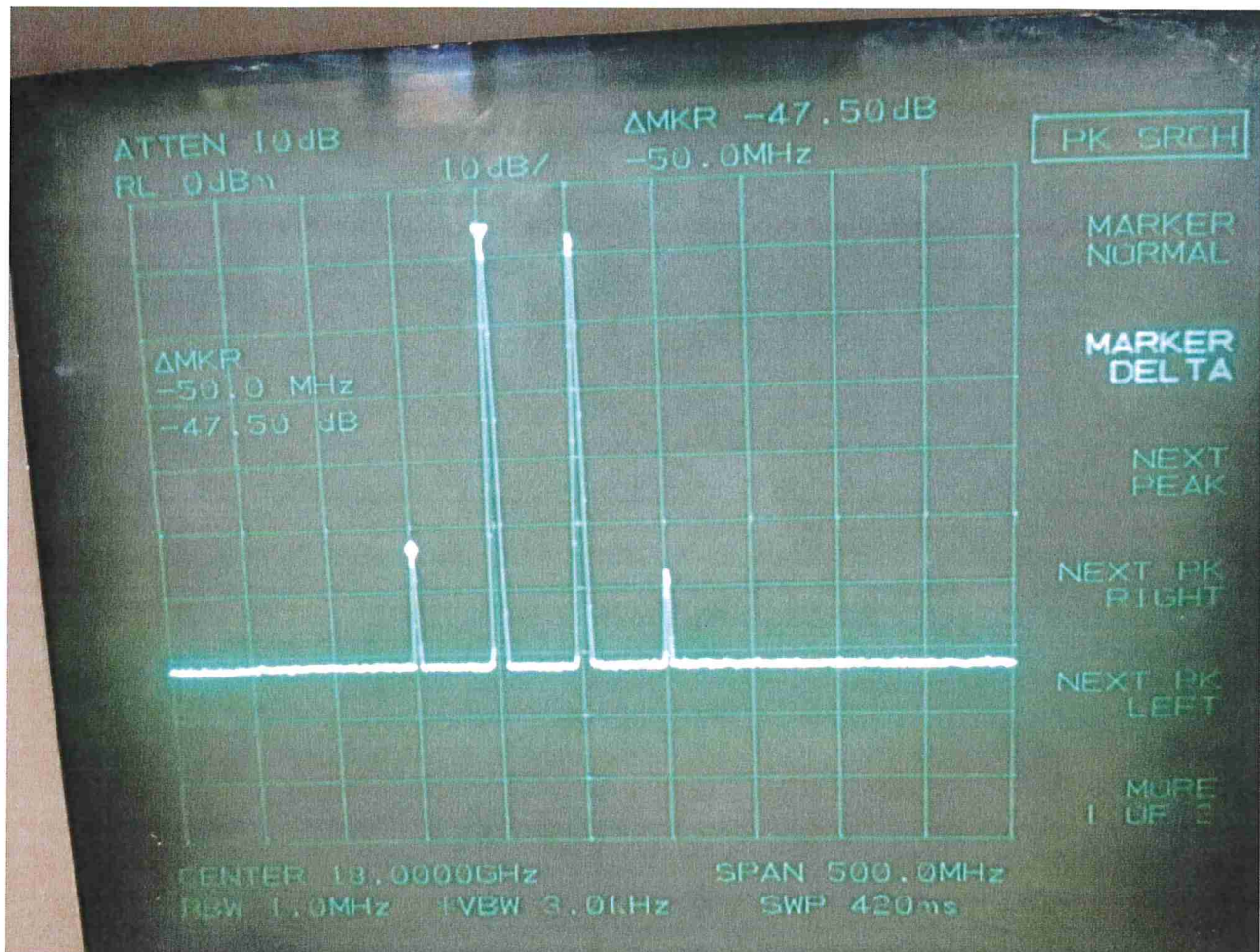




SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF

PL30472/2044

IP3



(23.8 dBm)