



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

PL30469/2044

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: PL30469/2044 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.	17.5 dB See Plot	↓	
3	Noise Figure:	2.0dB Typ. 2.5dB Max.	2.36 dB Max.		
4	VSWR (S11) Input	2.0:1 Max.	1.85:1		
5	VSWR (S22) Output	2.0:1 Max.	1.96:1		
6	OP1dB:	13 dBm Min.	13.5 dBm Min. See Plot		
7	Third Order Intercept (IP3)	23 dBm Min.	24.4 dBm See Plot		
8	DC Supply Current	+12 TO +15 VDC @ 100 mA Max	90 mA		PMI QA3

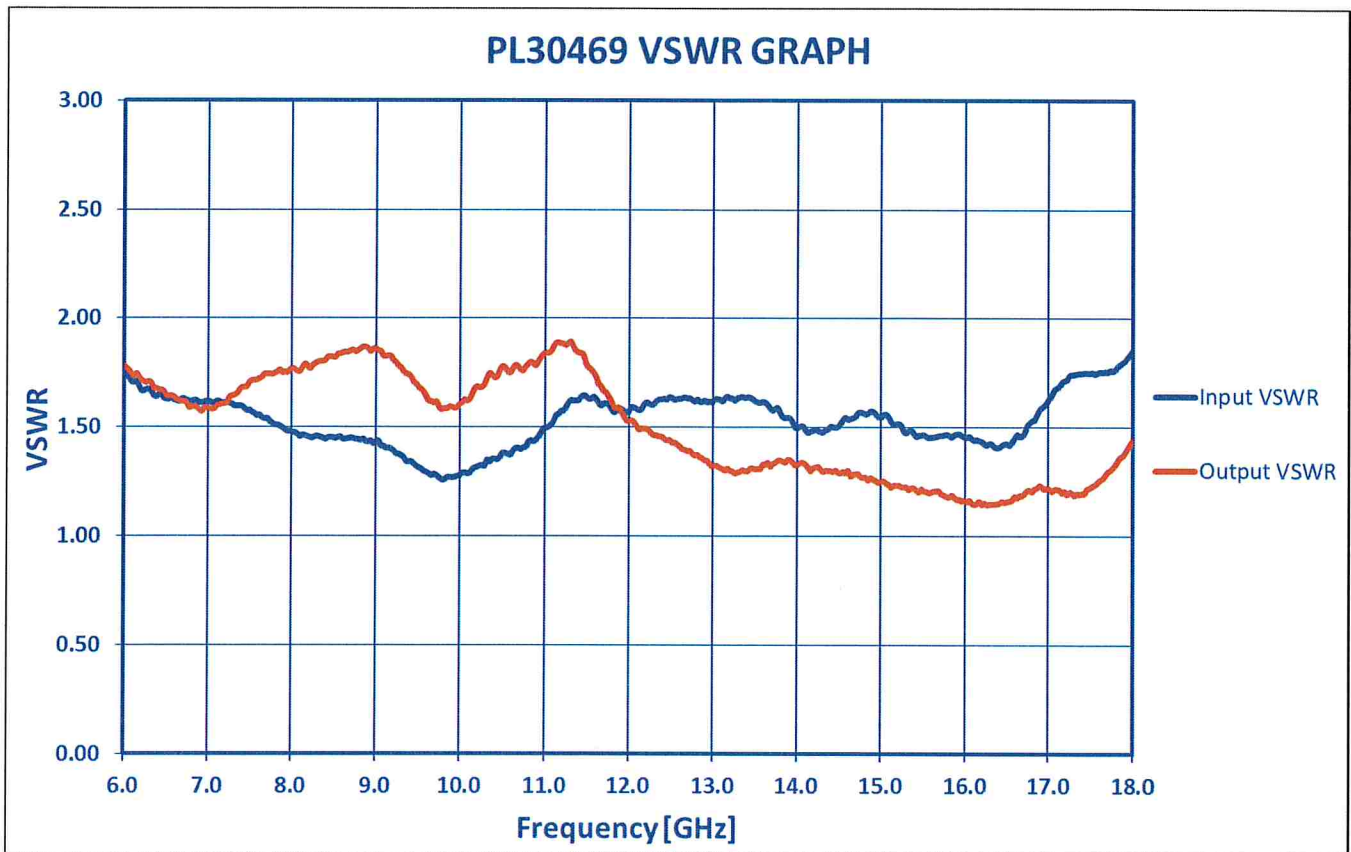
QA/QC Approval: A Zimmerman Date: 10-28-2020



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**INPUT / OUTPUT VSWR (S11 & S22)**

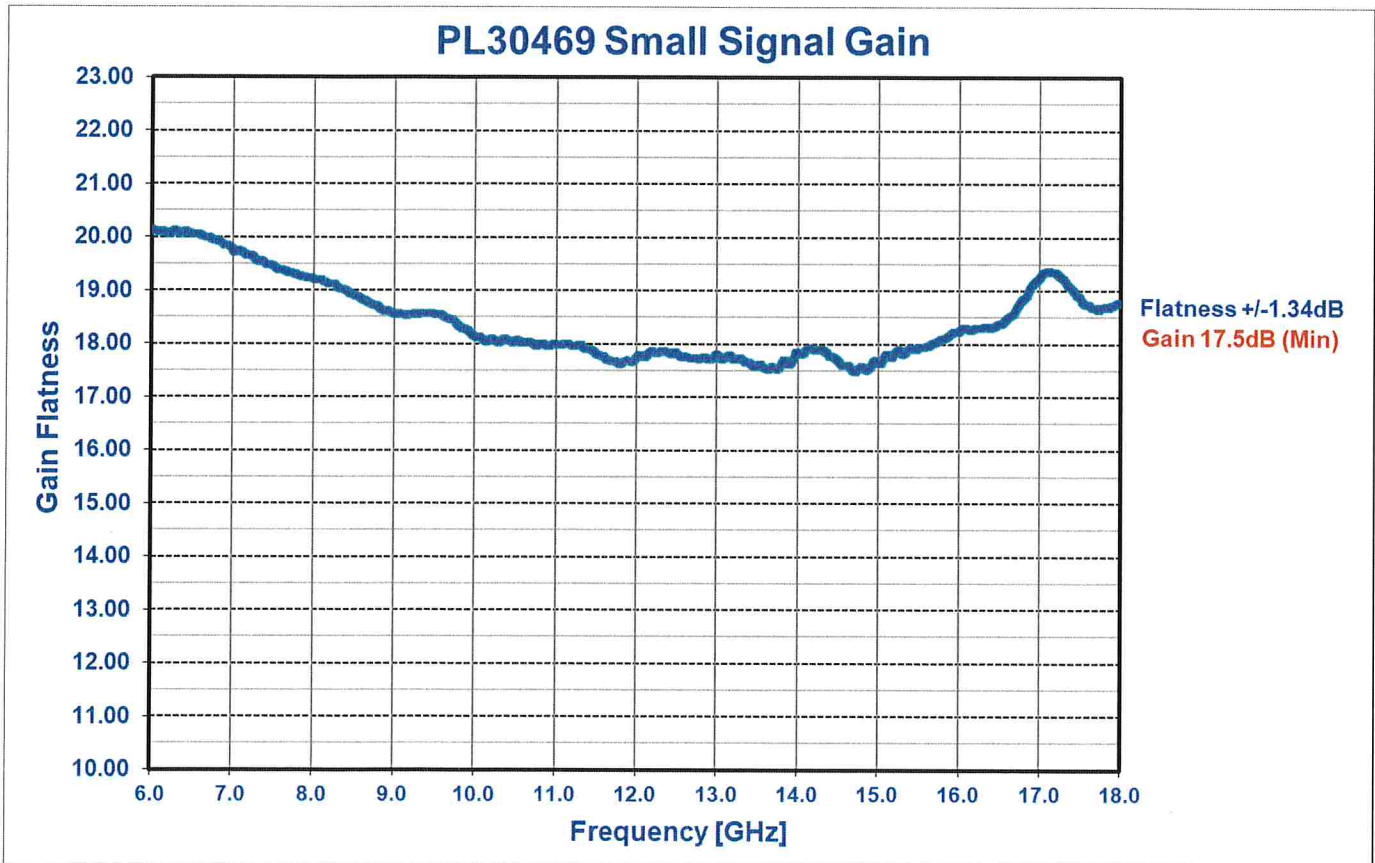




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**SMALL SIGNAL GAIN**





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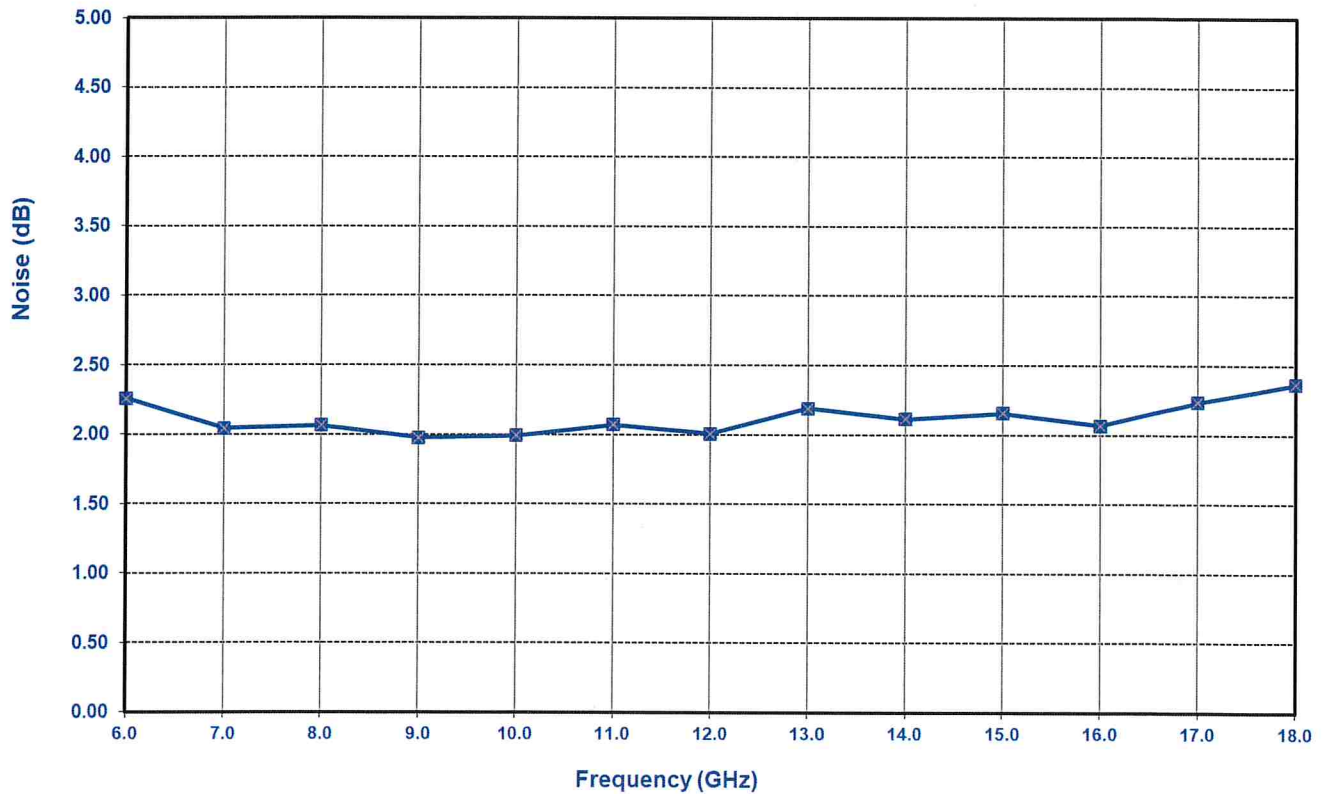
**NOISE FIGURE**

S/N: PL30469

**Noise Figure**

Max Noise 2.36 dB At Freq. : 18 GHz

Min Noise 1.97 dB





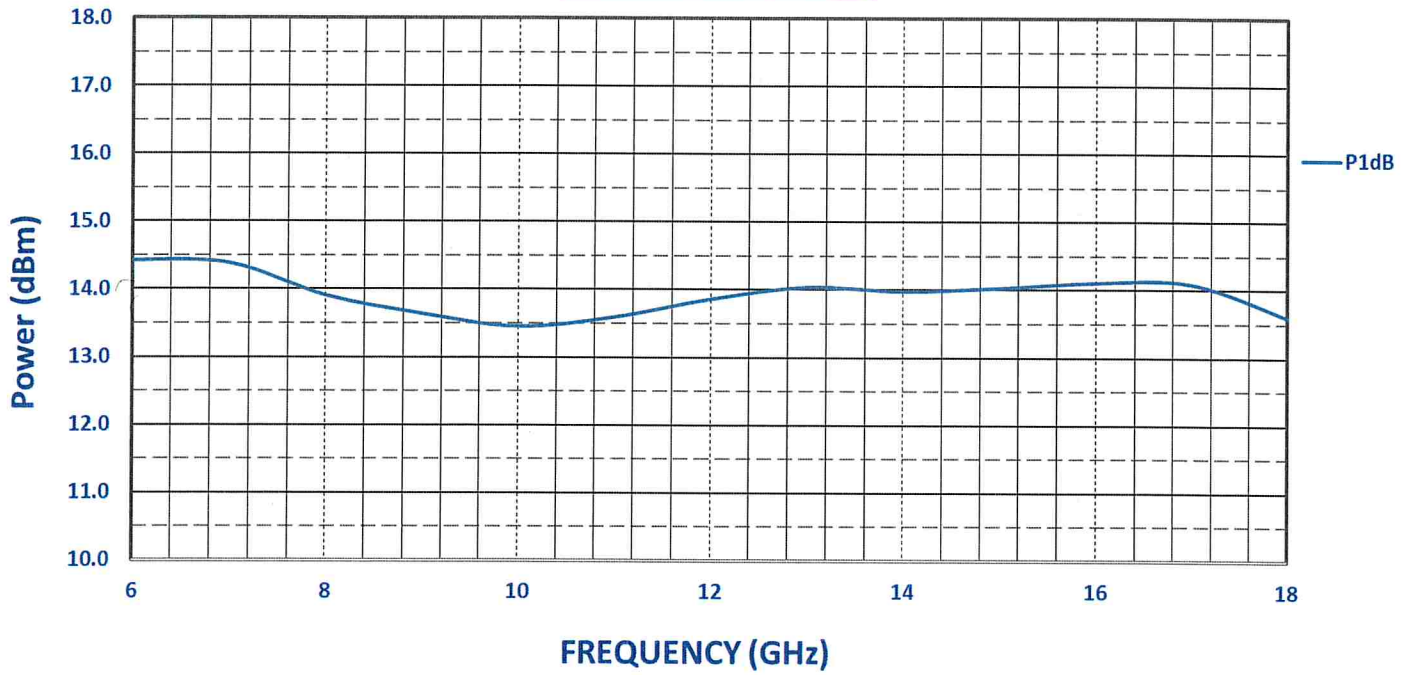


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**1 dB COMPRESSION (P-1dB)**

**P1dB Vs Frequency**

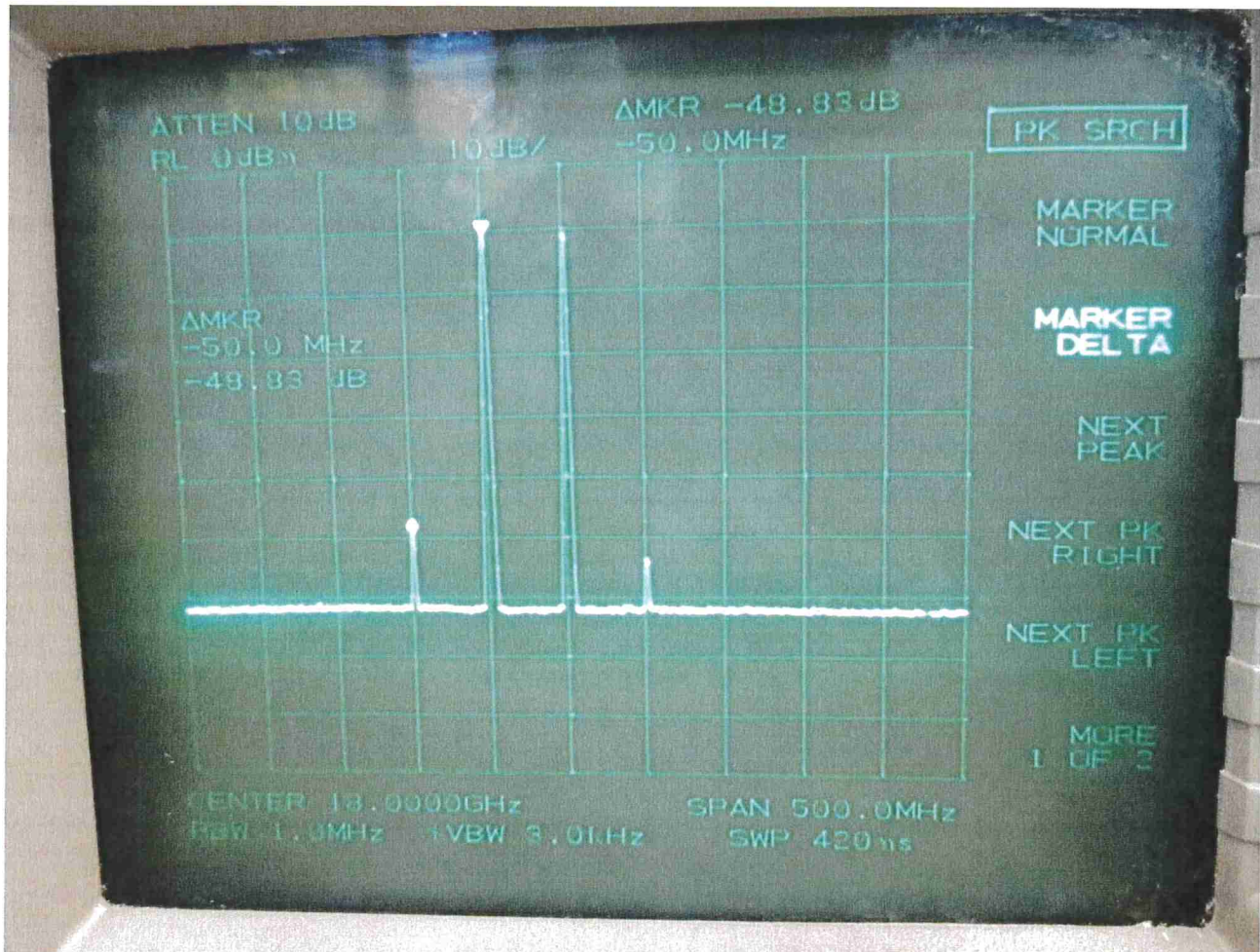




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**IP3**



**(24.4 dBm)**