



**SUMMARY TEST DATA
ON
PE2-28-15G18G-4R0-13-12-SFF**

Customer: _____ Tested By: Joshua Monley
 SO No: _____ Temperature: +25°C
 Model No: PE2-28-15G18G-4R0-13-12-SFF Date: 08/24/21
 Serial No: PL33649/2134 Drawing No: 27607744 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	15 GHz – 18 GHz	15 GHz – 18 GHz	PMI QA3
2	Gain Nominal:	26dB Typ. @ 10 – 18 GHz	25.1dB (See Plot)	
3	Gain Flatness:	±0.5dB Max. @ +25°C ±0.75dB Max. @ -55°C to +85°C	± 0.43dB @ +25°C ± 0.62dB @ -55°C ± 0.57dB @ +85°C	
4	Noise Figure:	4.0dB Max.	3.7dB	
5	Pout @ 1dB Compression:	+13dBm Min.	+13.2dBm	
6	VSWR: (Input/Output)	1.5:1 Typ 1.8:1 Max.	1.57:1/1.28:1 (See Plot)	
7	Max Input Power:	+20dBm CW	Pass	
8	Isolation:	-65dB Typ @ 10 to 13 GHz -60dB Typ. @ 15 to 18GHz	-66.6dB @ 11.7 GHz -60.5dB @ 16.7GHz	
9	DC Supply:	+12 to +15V @ 200mA Max.	130 mA	PMI QA3

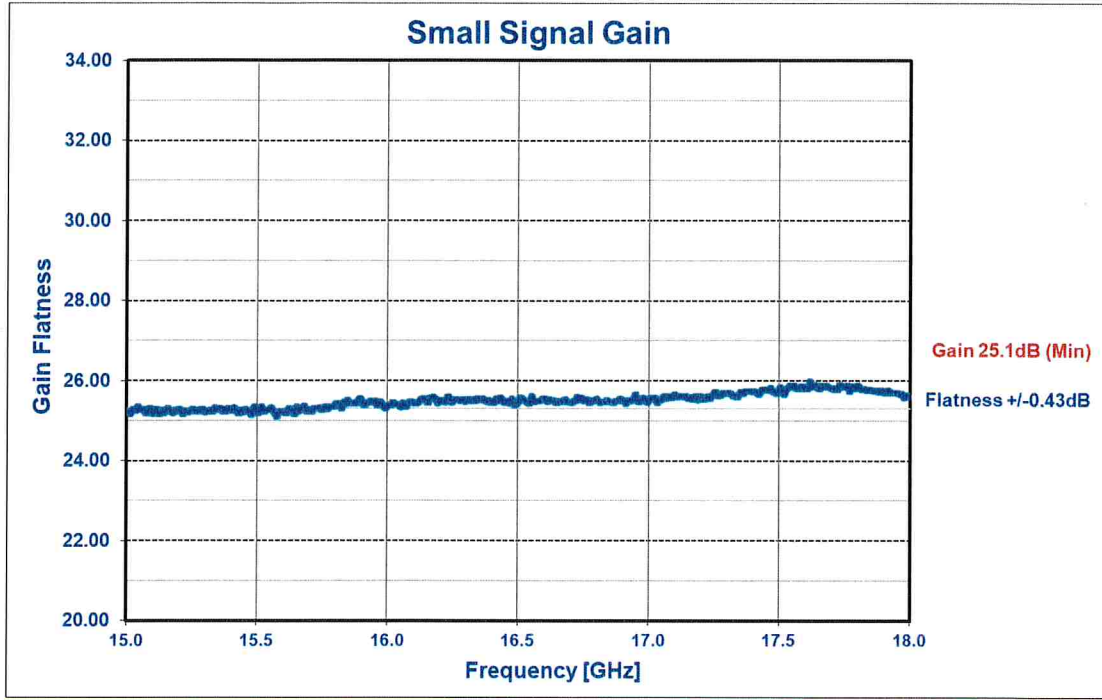
QA/QC Approval: *A Zimmerman* Date: 9-1-2021

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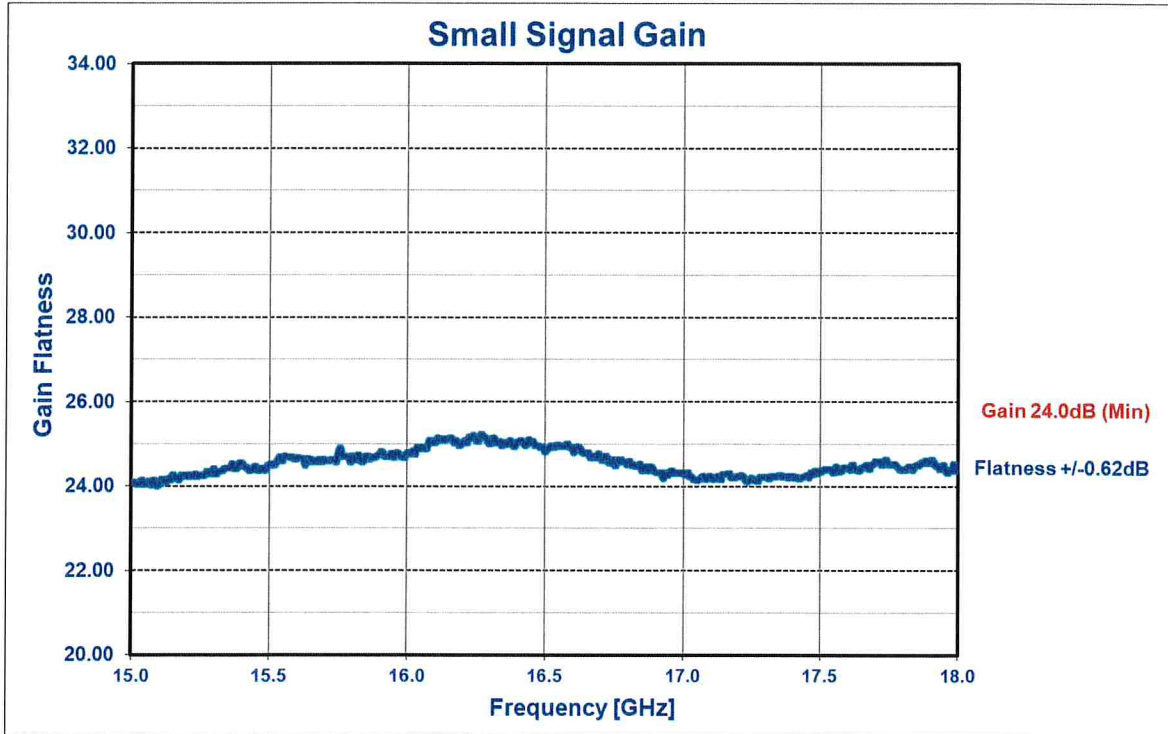
Gain and Flatness @ +25°C





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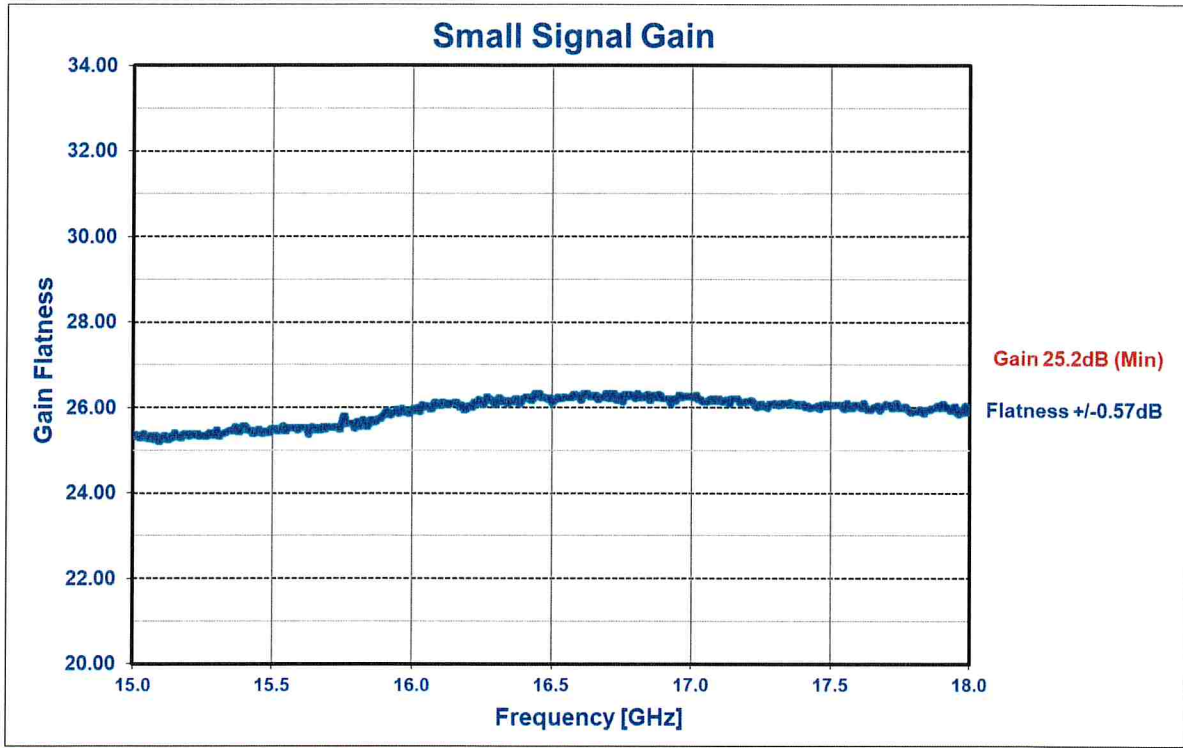
Gain and Flatness @ -55°C





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Gain and Flatness @ +85°C





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