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

Customer:	[redacted]	**Tested By:**	**Joshua Monley**
SO No:	[redacted]	**Temperature:**	**+25°C**
Model No:	**PE2-28-15G18G-4R0-13-12-SFF**	**Date:**	**08/24/21**
Serial No:	**PL33651/2134**	**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	**25.4dB (See Plot)**	
3	Gain Flatness:	±0.5dB Max. @ +25°C ±0.75dB Max. @ -55°C to +85°C	**± 0.51dB @ +25°C** **± 0.49dB @ -55°C** **± 0.29dB @ +85°C**	
4	Noise Figure:	4.0dB Max.	**3.7dB**	
5	Pout @ 1dB Compression:	+13dBm Min.	**+13.3dBm**	
6	VSWR: (Input/Output)	1.5:1 Typ 1.8:1 Max.	**1.62:1/1.33:1 (See Plot)**	
7	Max Input Power:	+20dBm CW	**Pass**	
8	Isolation:	-65dB Typ @ 10 to 13 GHz -60dB Typ. @ 15 to 18GHz	**-65.9dB @ 12.2 GHz** **-58.9dB @ 17.8 GHz**	
9	DC Supply:	+12 to +15V @ 200mA Max.	**130 mA**	PMI QA3

QA/QC Approval: AZimmerman **Date:** 9-1-2021

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Email: sales@pmi-rf.com

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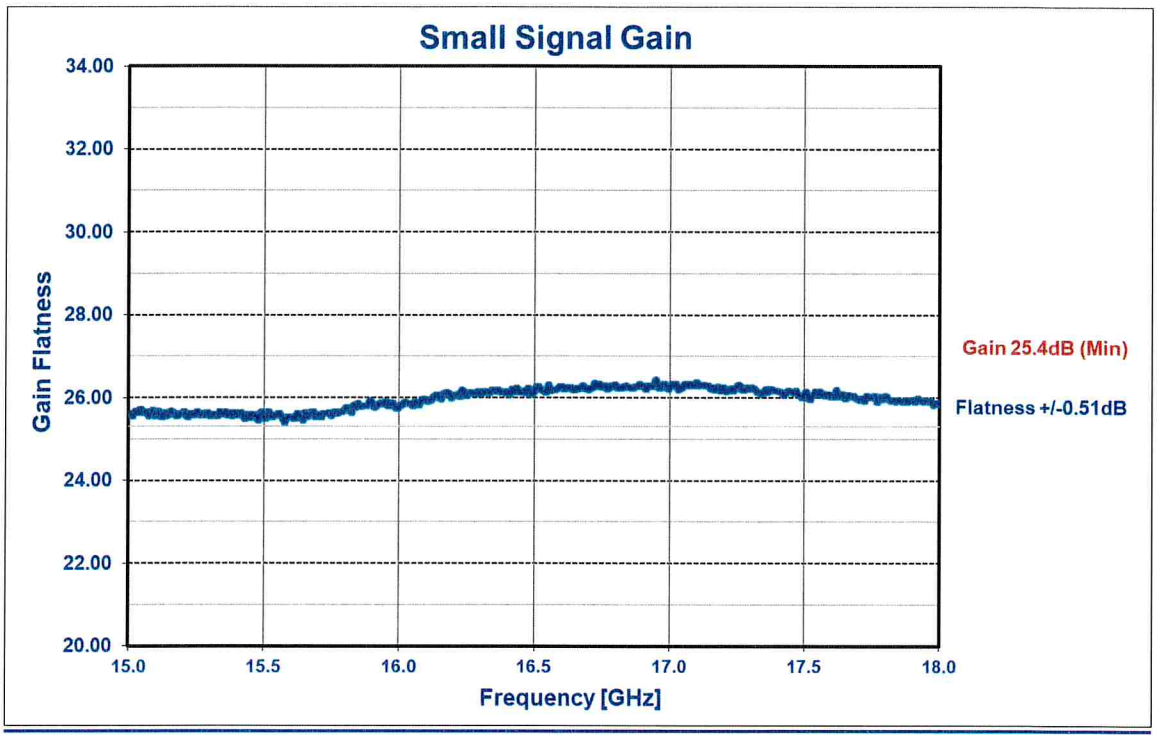
Gain and Flatness @ +25°C



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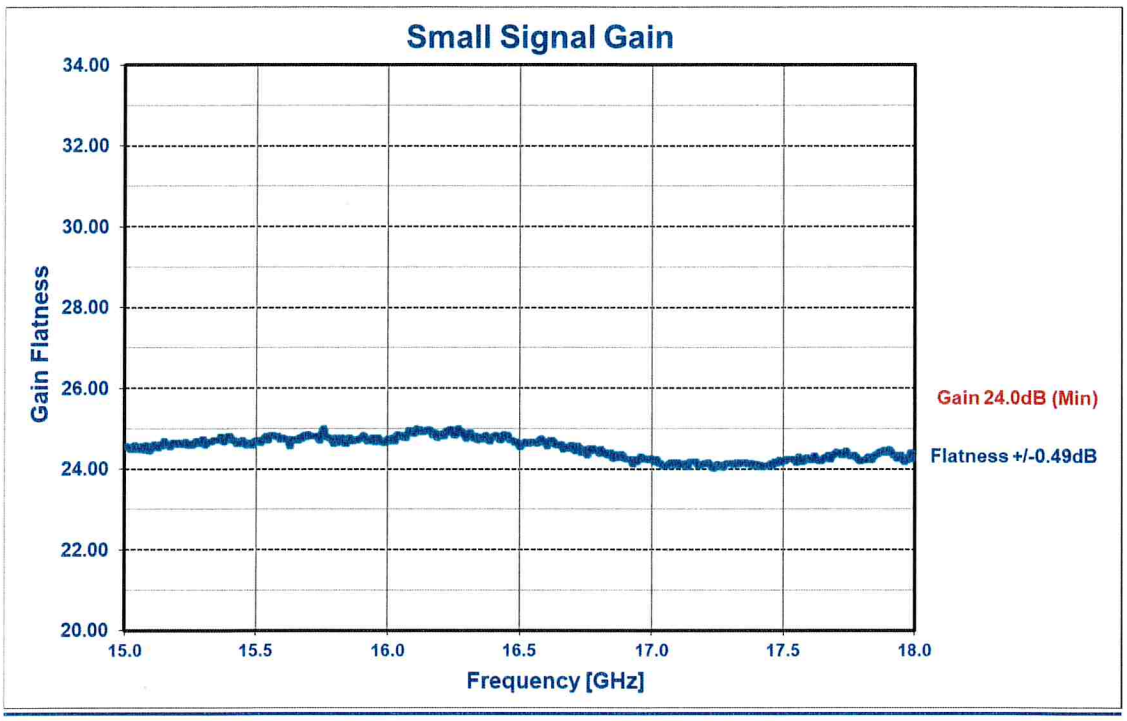
Gain and Flatness @ -55°C



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SUMMARY TEST DATA
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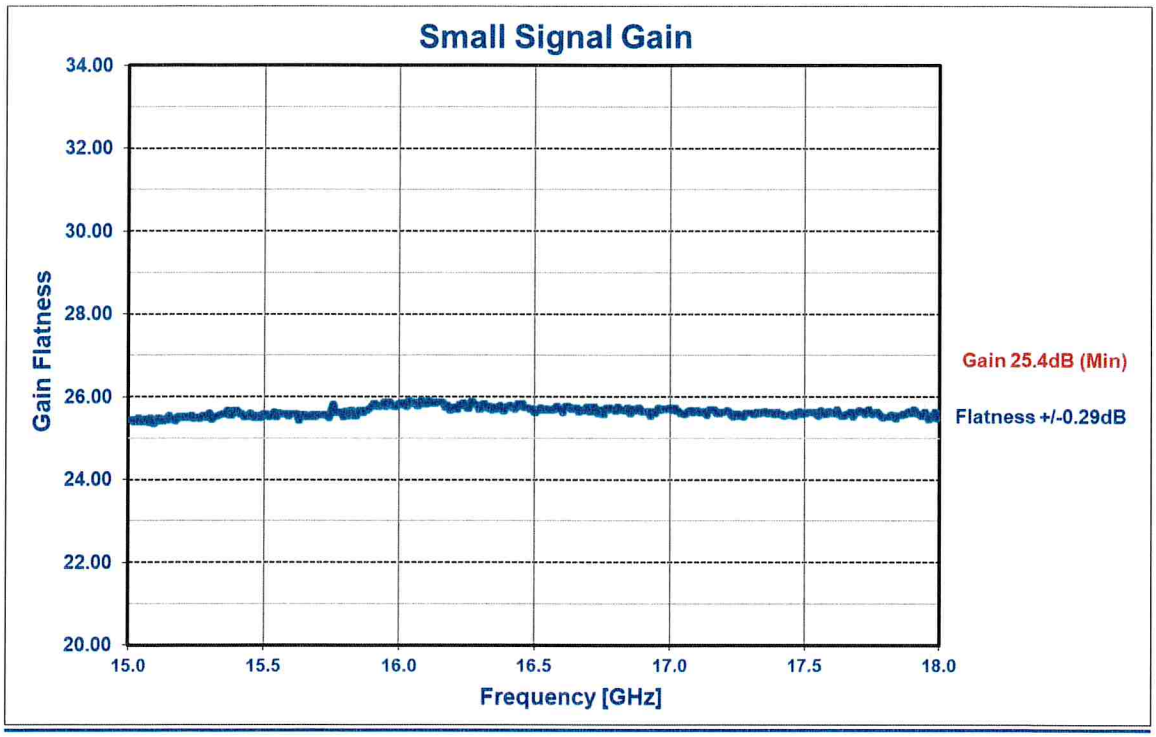
Gain and Flatness @ +85°C



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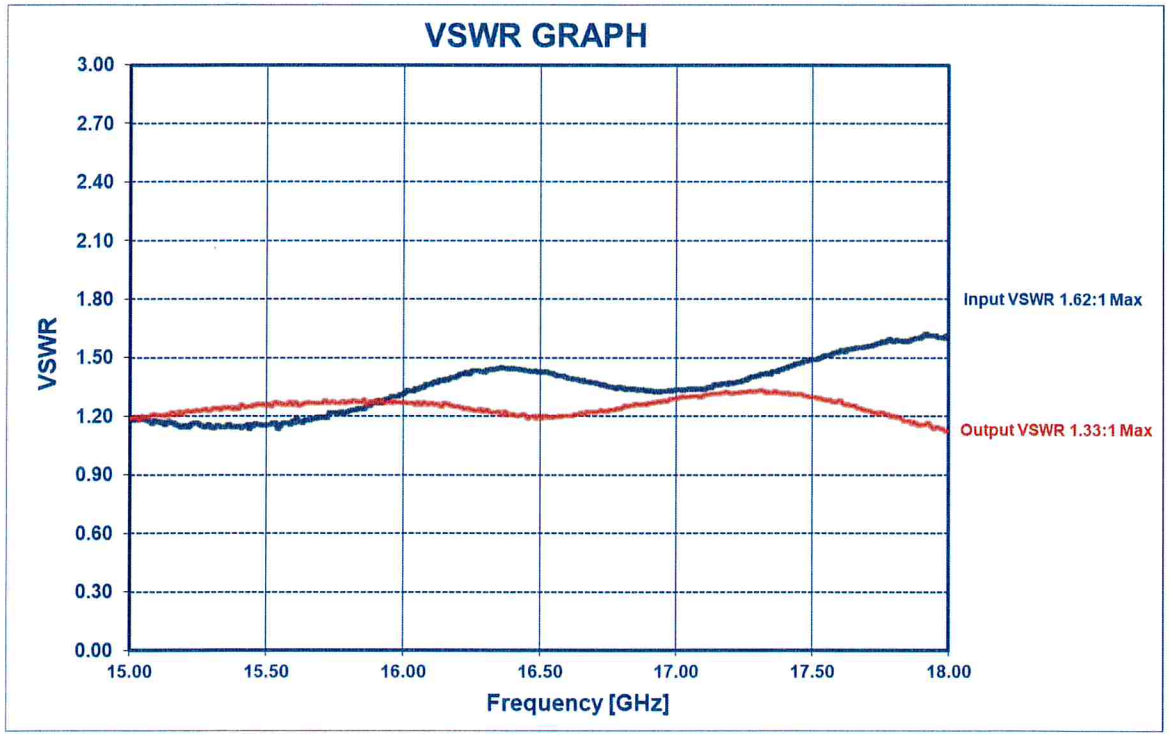

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