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

PL21958/1752

Customer:		**Tested By:**	**Simon K. / E.Benson**		
SO No:		**Temperature:**	**+25°C, -55°C, +85°C**		
Model No:	**PE2-28-15G18G-4R0-13-12-SFF**	**Date:**	**12/29/17**		
Serial No:	**PL21958/1752**	**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 QA 1
2	Gain Nominal:	26dB Typ. @ 10 – 18 GHz	**27.3 dB (See Plot)**	
3	Gain Flatness:	±0.5dB Max. @ +25°C ±0.75dB Max. @ -55°C to +85°C	**±0.28 dB** **±0.27 dB** **±0.36 dB**	
4	Noise Figure:	4.0dB Max.	**3.28dB**	
5	Pout @ 1dB Compression:	+13dBm Min.	**+13.2 dBm**	
6	VSWR: (Input/Output)	1.5:1 Typ 1.8:1 Max.	**1.76:1** **1.32:1** **(See Plot)**	
7	Max Input Power:	+20dBm CW	**Pass**	
8	Isolation:	-65dB Typ @ 10 to 13 GHz -60dB Typ. @ 15 to 18GHz	**Pass**	
9	DC Supply:	+12 to +15V @ 200mA Max.	**131 mA**	PMI QA 1

QA/QC Approval: PMI QA 1 **Date:** 1/8/18

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Email: sales@pmi-rf.com

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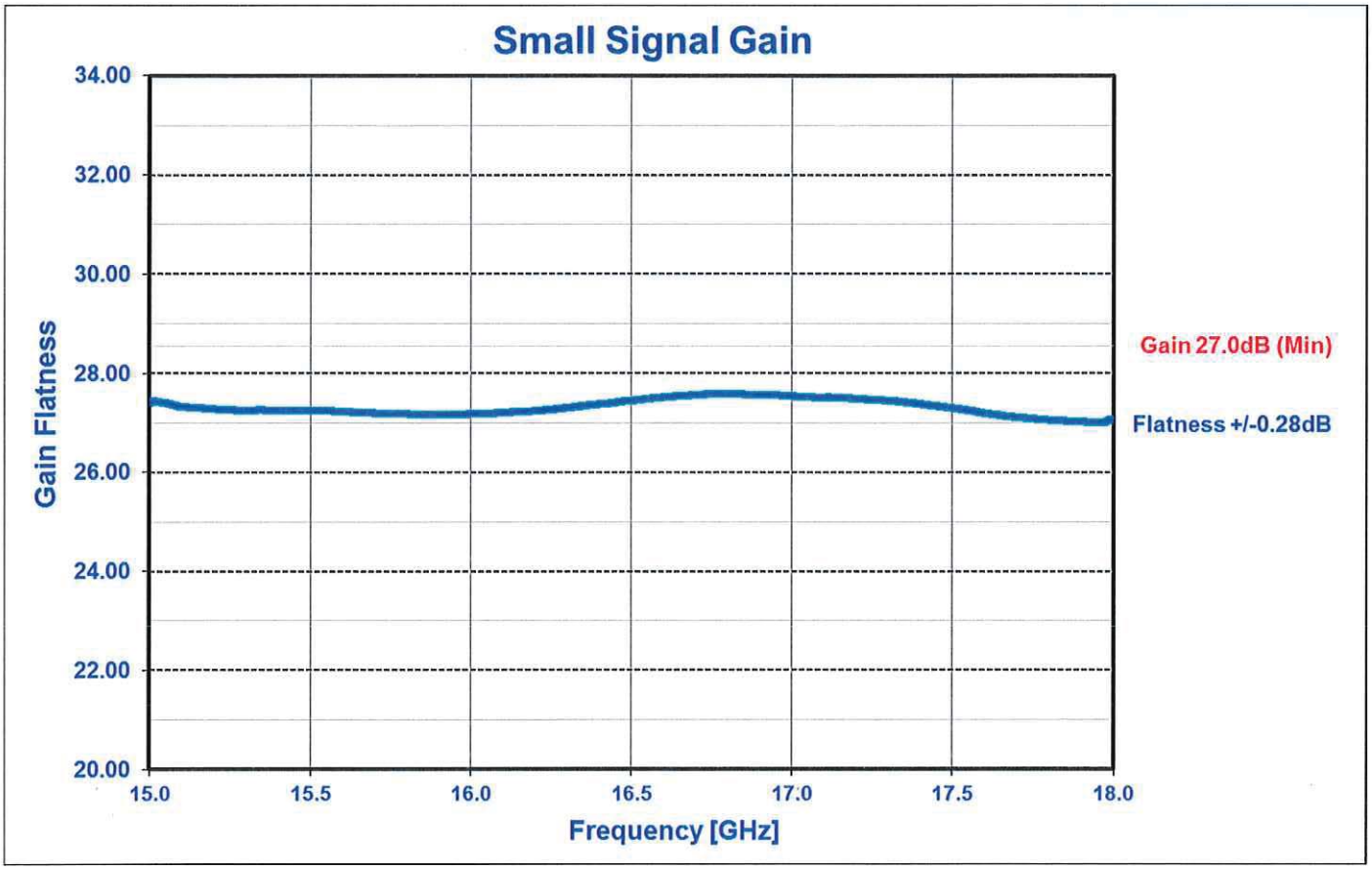
Gain and Flatness @ +25°C



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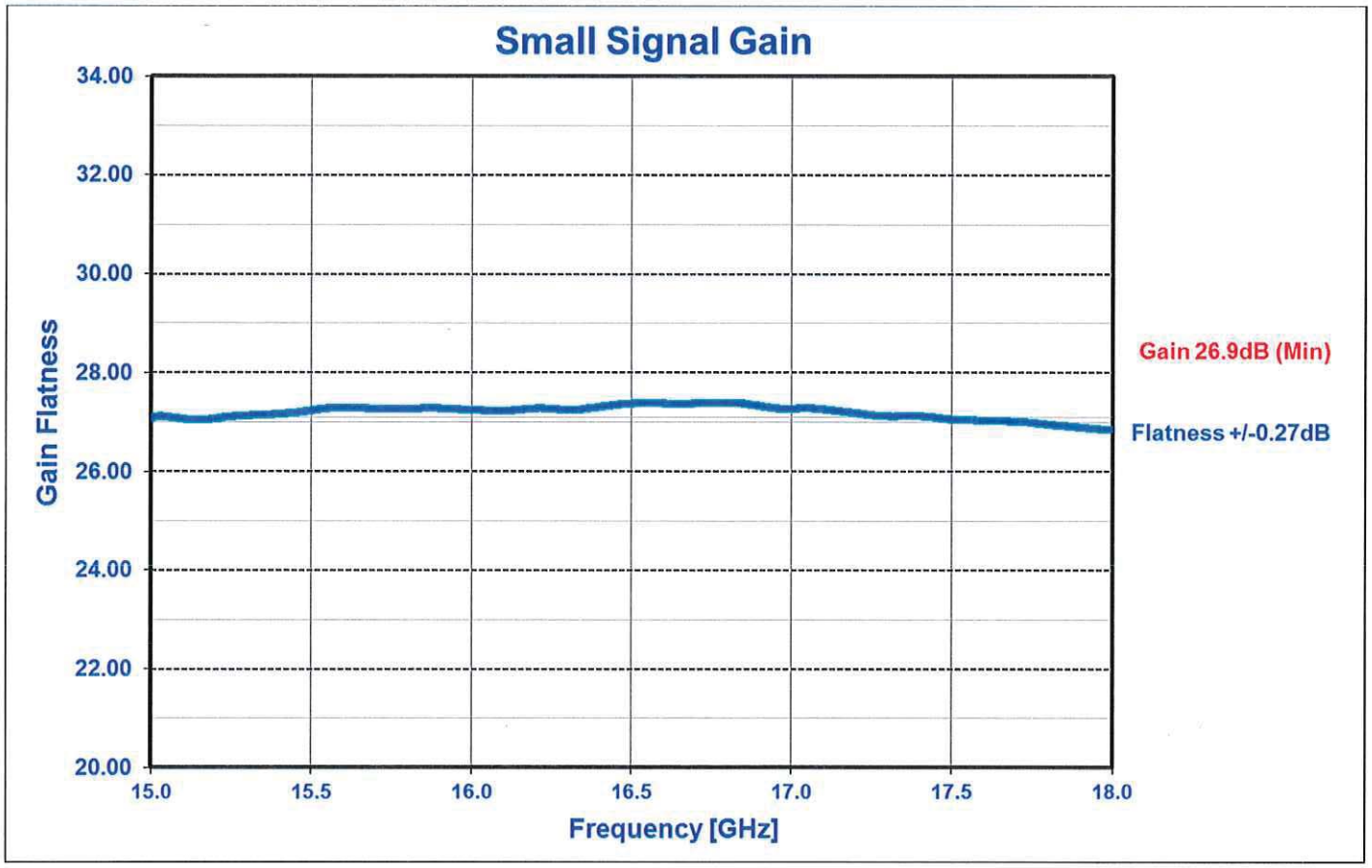
Gain and Flatness @ -55°C



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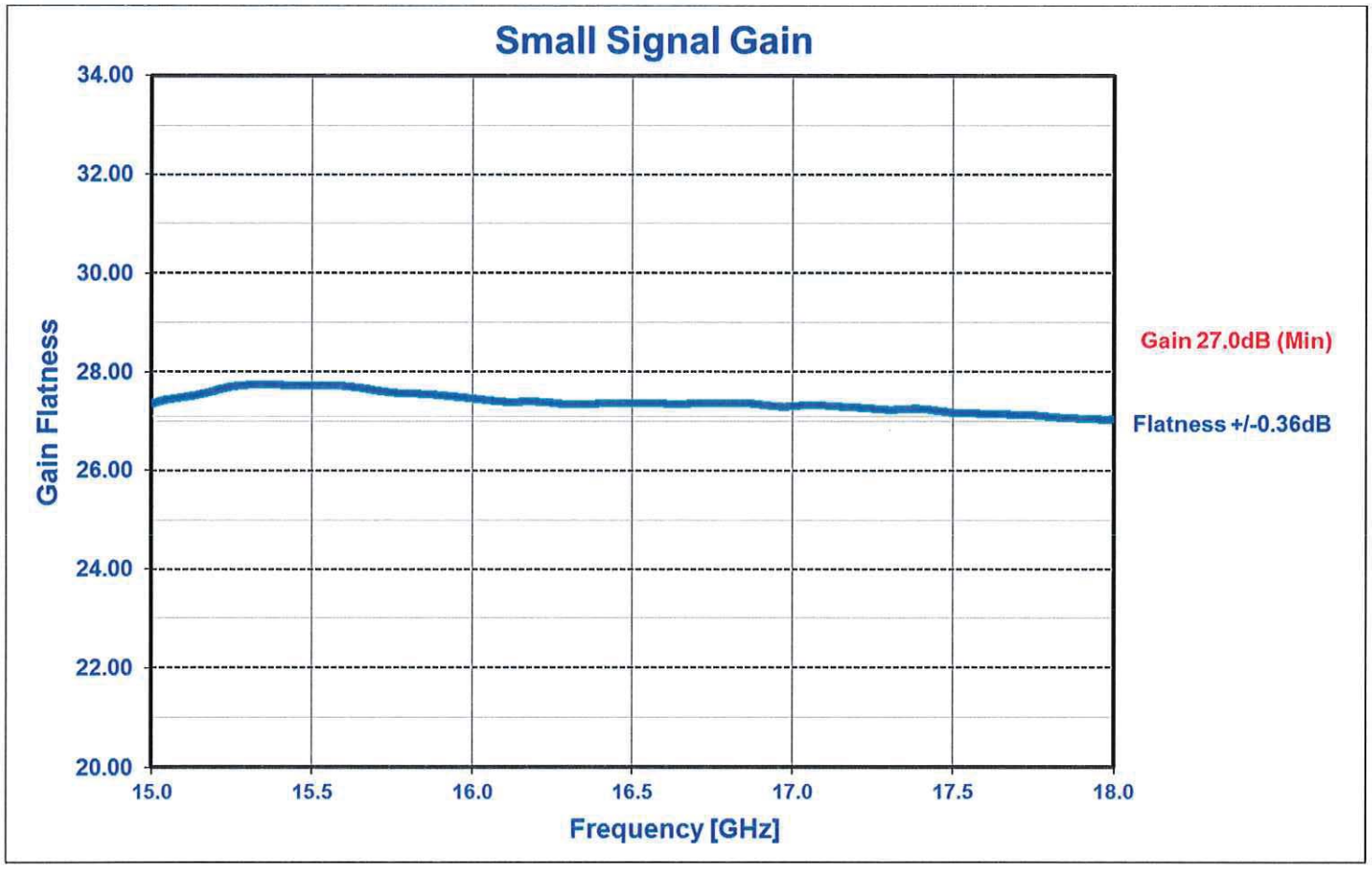
Gain and Flatness @ +85°C



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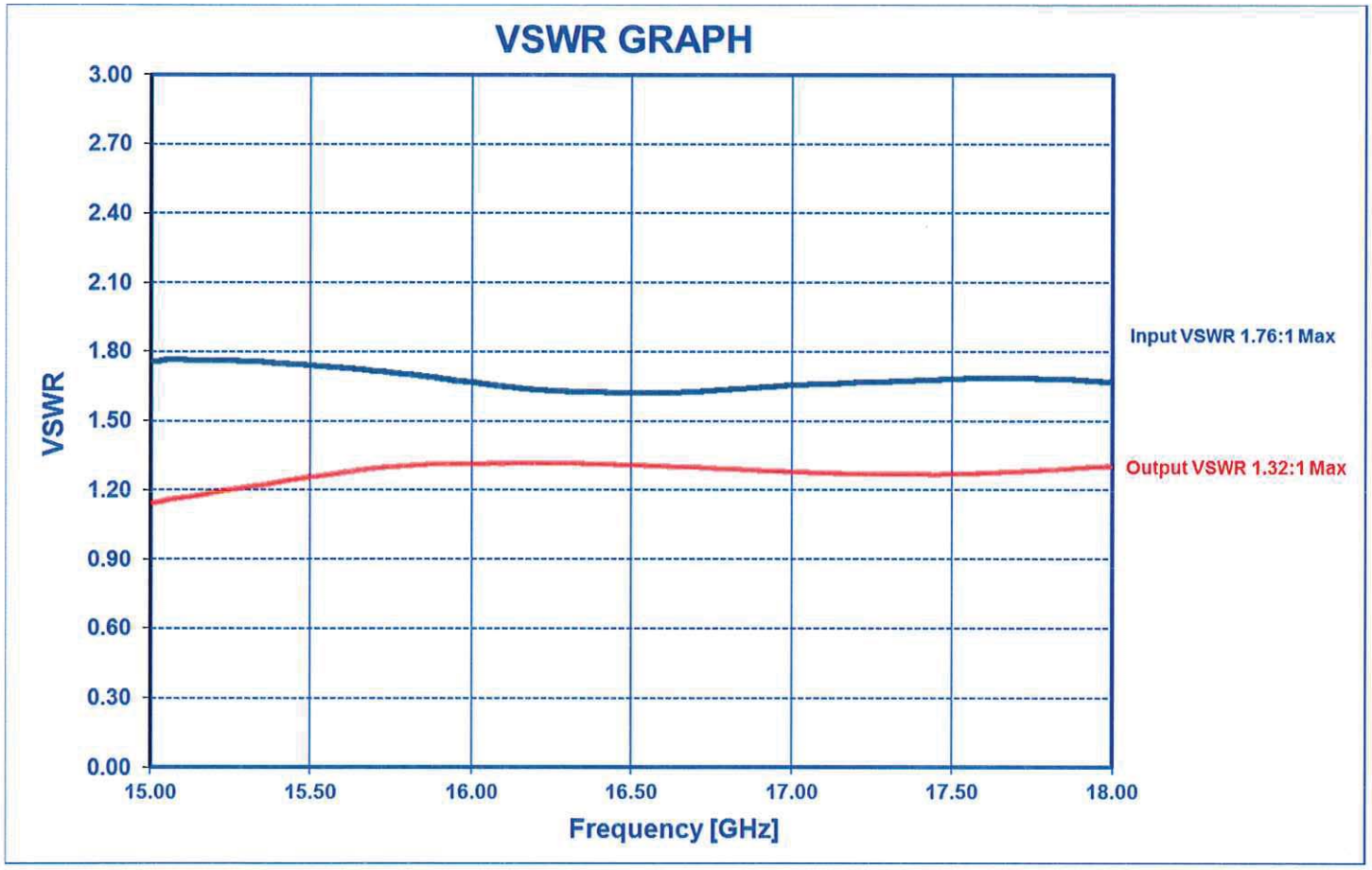
VSWR



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