Quantic PMI
PLANAR MONOLITHICS

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

Customer: [redacted]
SO No: [redacted]
Model No: PE2-28-15G18G-4R0-13-12-SFF
Serial No: PL40054/2313

Tested By: K. Mansfield
Temperature: +25° C
Date: 3/29/2023
Drawing No: 27607740 **REV:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	15 GHz - 18 GHz	**15 GHz - 18 GHz**	PMI QA2
2	Gain:	26 dB Typ. @ 10 - 18 GHz	**28.9 dB Max.** **28 dB Min.** **See Plot**	
3	Gain Flatness:	±0.5 dB Max. @ +25° C ±0.75 dB Max. @ -55° to +85° C	**±0.26 dB** **See Plot**	
4	Noise Figure:	4.0 dB Max.	**3.5 dB** **See Plot**	
5	OP1dB:	+13 dBm Min.	**15.8 dBm** **See Plot**	
6	VSWR Input/Output:	1.5:1 Typ. 1.8:1 Max.	**1.63:1 In** **1.22:1 Out** **See Plot**	
7	DC Supply:	+12 to +15 VDC @ 200 mA Max.	**170 mA**	
8	Isolation:	-65 dB Typ. @ 10 to 13 GHz -60 dB Typ. @ 15 to 18 GHz	**-62.4 dB** **-58.2 dB** **See Plot**	PMI QA2

QA/QC Approval: PMI QA2 **Date:** 3/31/2023

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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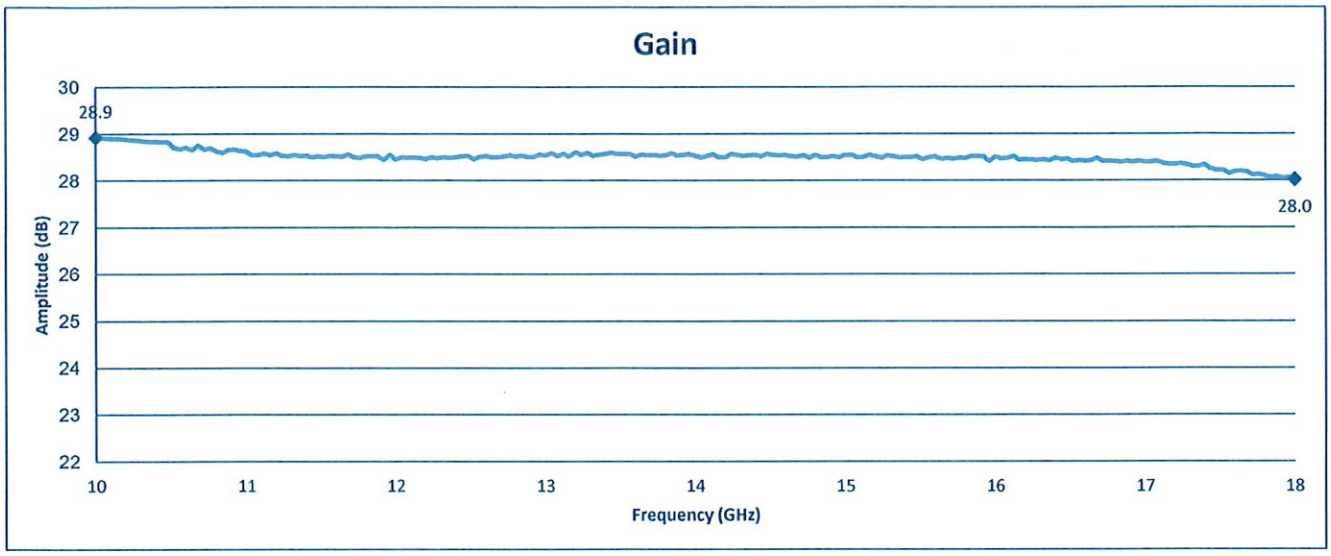
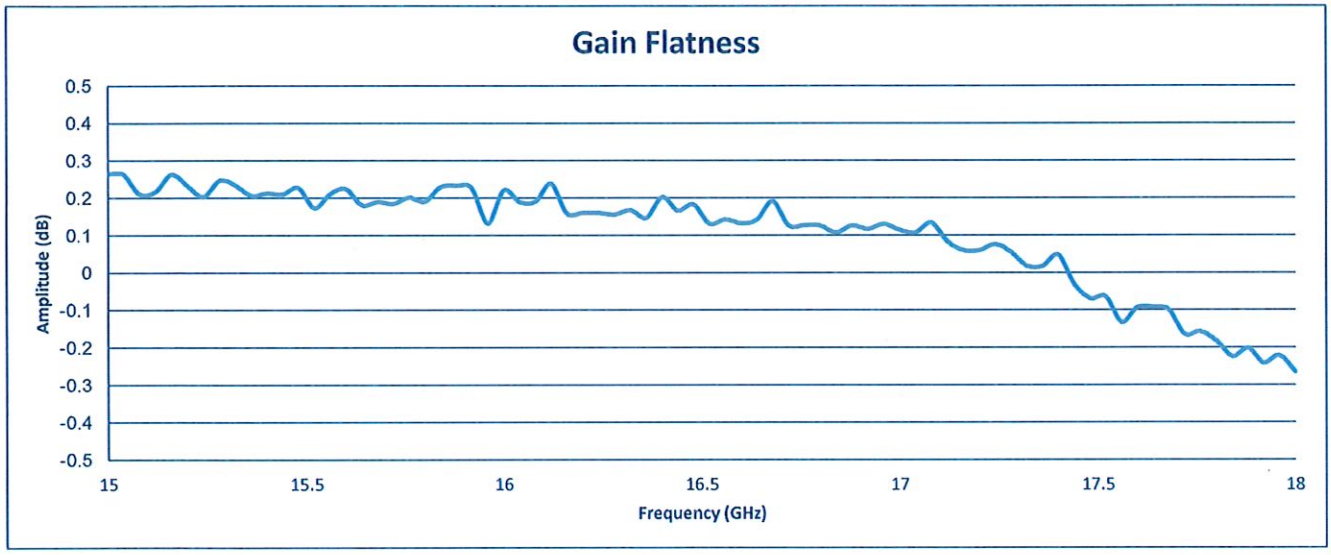
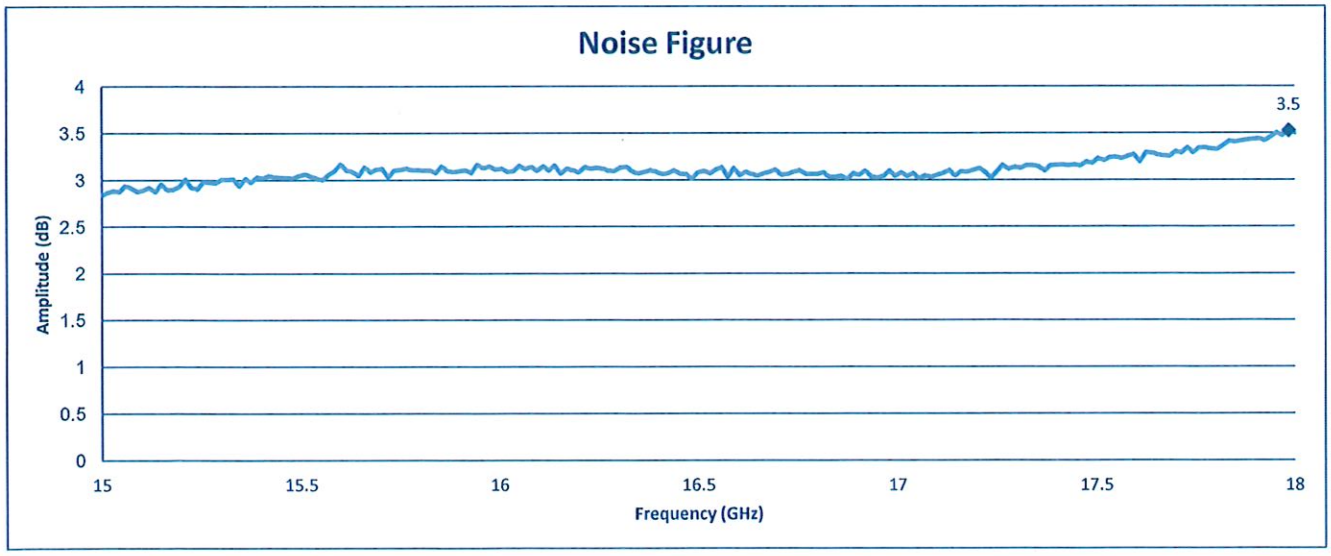
PE2-28-15G18G-4R0-13-12-SFF







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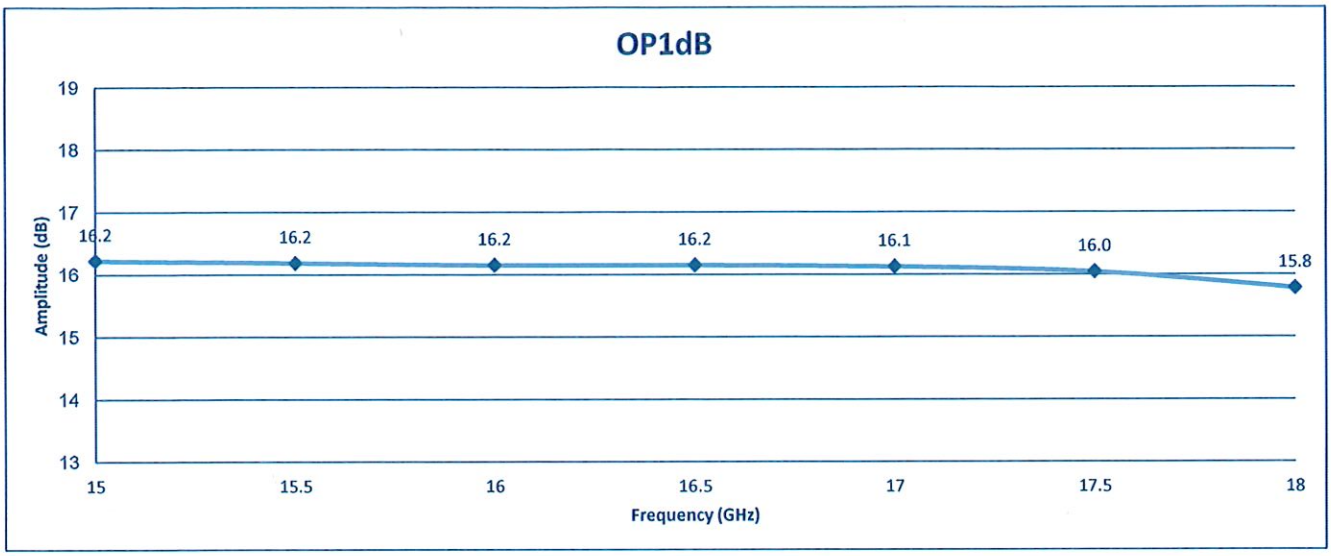

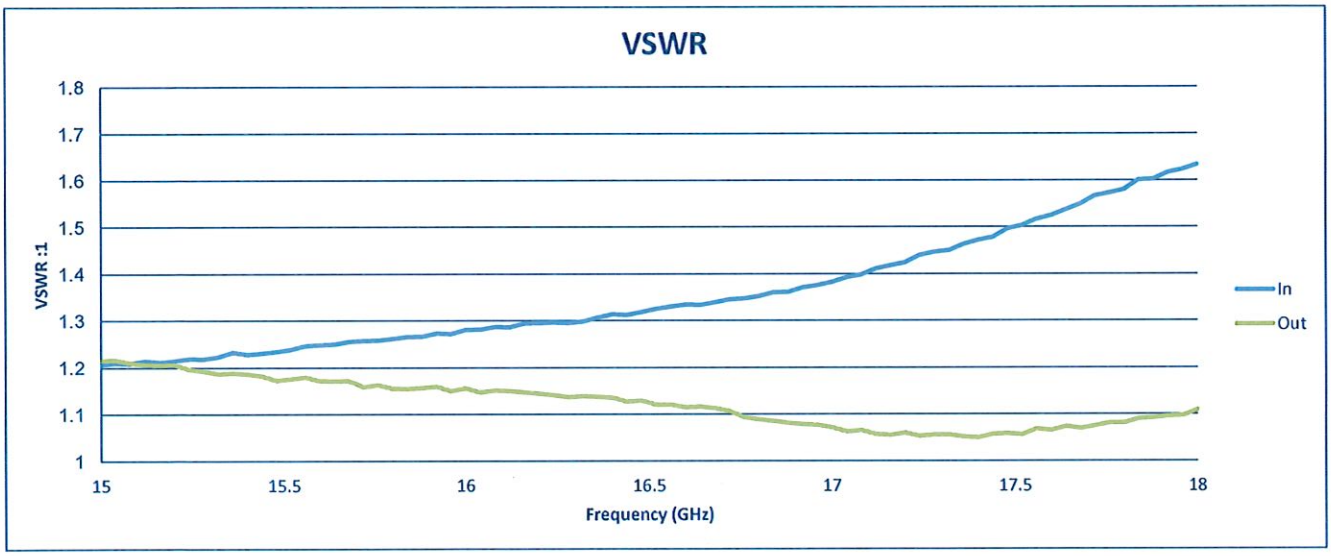

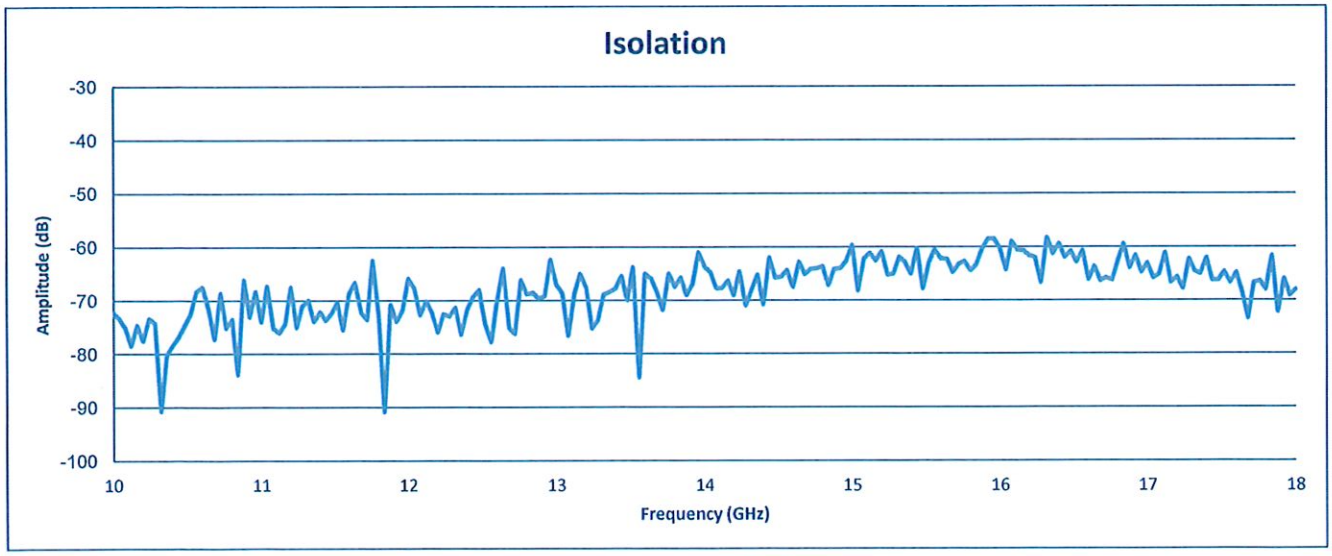

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