Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST

PA-2G18G-43-5-40-SFF

Customer:
SO No:
Model No: PA-2G18G-43-5-40-SFF
Serial No: PL62566/2639

Tested By: A. Mousavi
Temperature: +25° C
Date: 9/23/2026
Drawing No: 27645180 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results +25°C	QA QC
1	Frequency Range:	2.0 - 18.0 GHz	2.0 - 18.0 GHz	PMI QA8
2	Gain:	43 dB Typ. 39 dB Min.	44.55 dB See Graph	
3	VSWR: (Input/Output)	2.0:1 Input Max. 2.4:1 Output Max.	1.92:1 In 2.37:1 Out See Graph	
4	Noise Figure:	5.0 dB Max	4.91 dB See Graph	
5	PSAT:	40 dBm (10W) Typ. 36 dBm Min	40.88 dBm Max. 38.49 dBm Min. See Graph	
6	Input Power:	20 dBm Max.	Pass See Typical Characteristics	
7	DC Supply:	+22 VDC	+22 VDC & 1650 mA	
8	Control (Enable)	"1" = +3V ON "0" = 0 V OFF	Pass	PMI QA8

Typical Current

Quiescent current and maximum current	
-40°C	
-30 dBm Input Power	1,860 mA
+20 dBm Input Power	2,550 mA

+25°C	
-30 dBm Input Power	2,150 mA
+20 dBm Input Power	3,200 mA

+85°C	
-30 dBm Input Power	2,400 mA
+20 dBm Input Power	3,300 mA

QA/QC Approval: PMI QA8 Date: 9/24/26

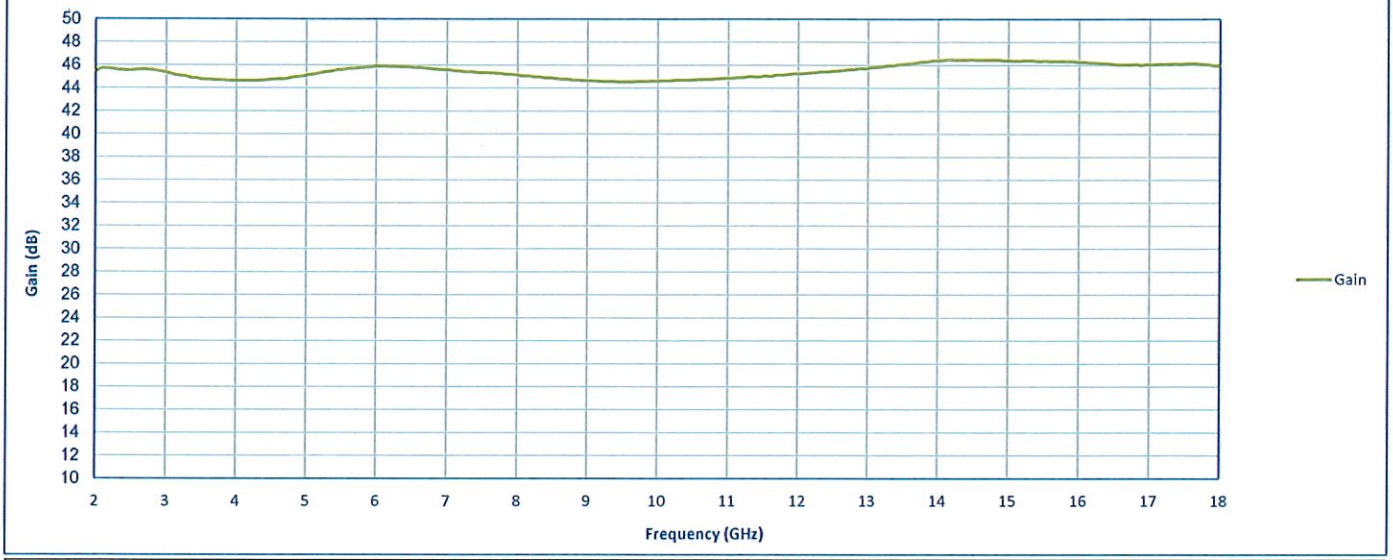
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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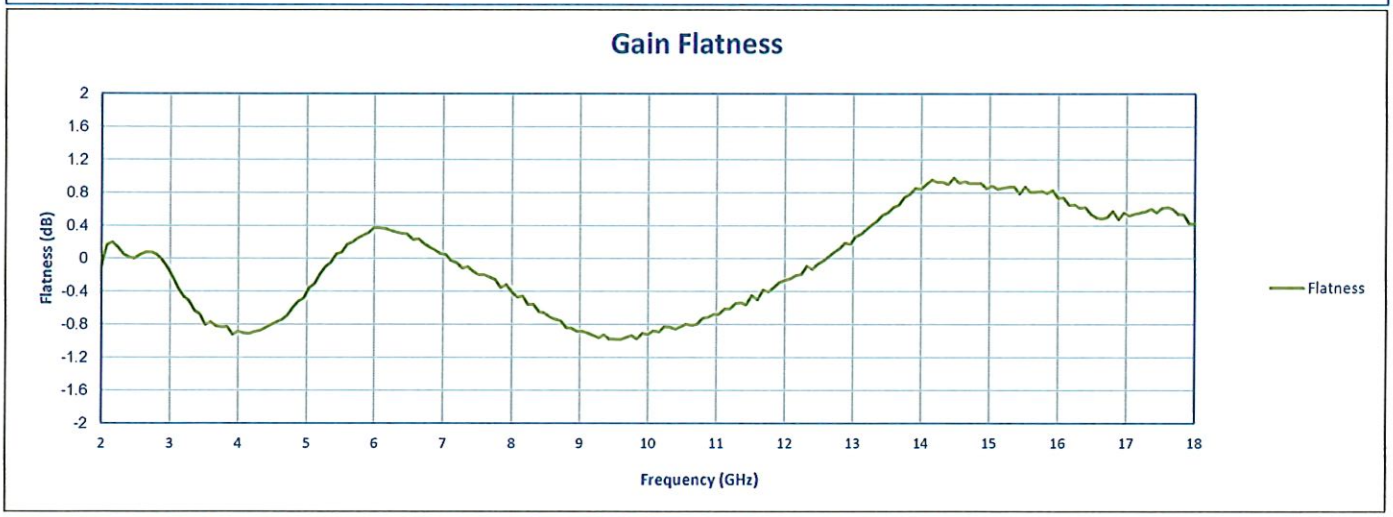
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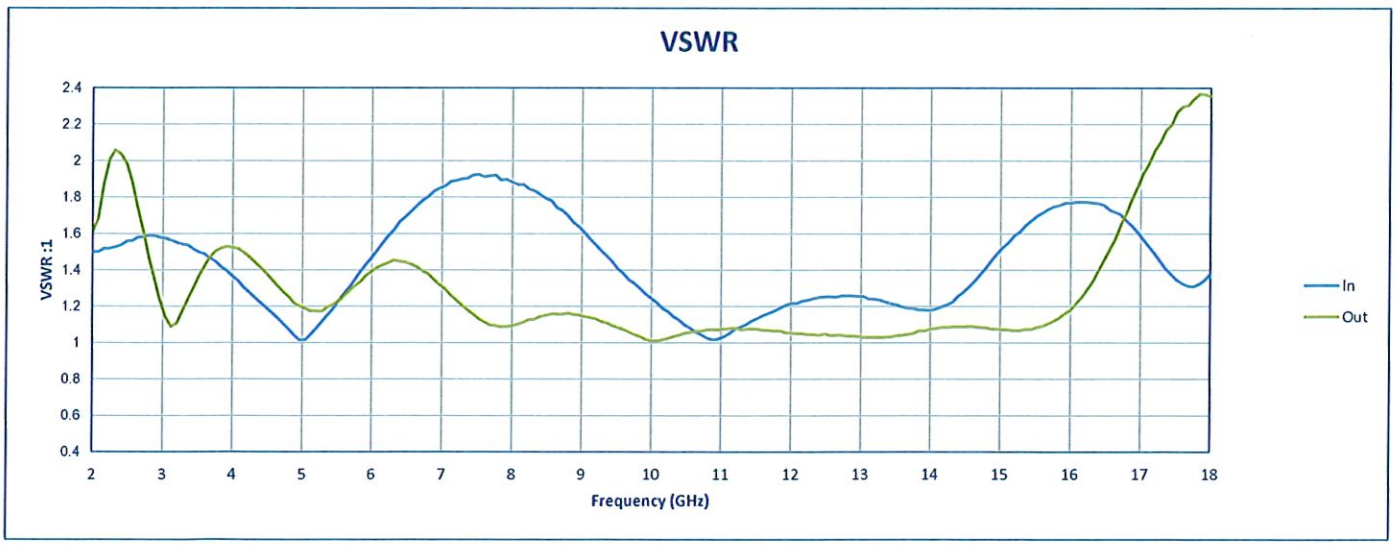
Gain



Gain Flatness



VSWR

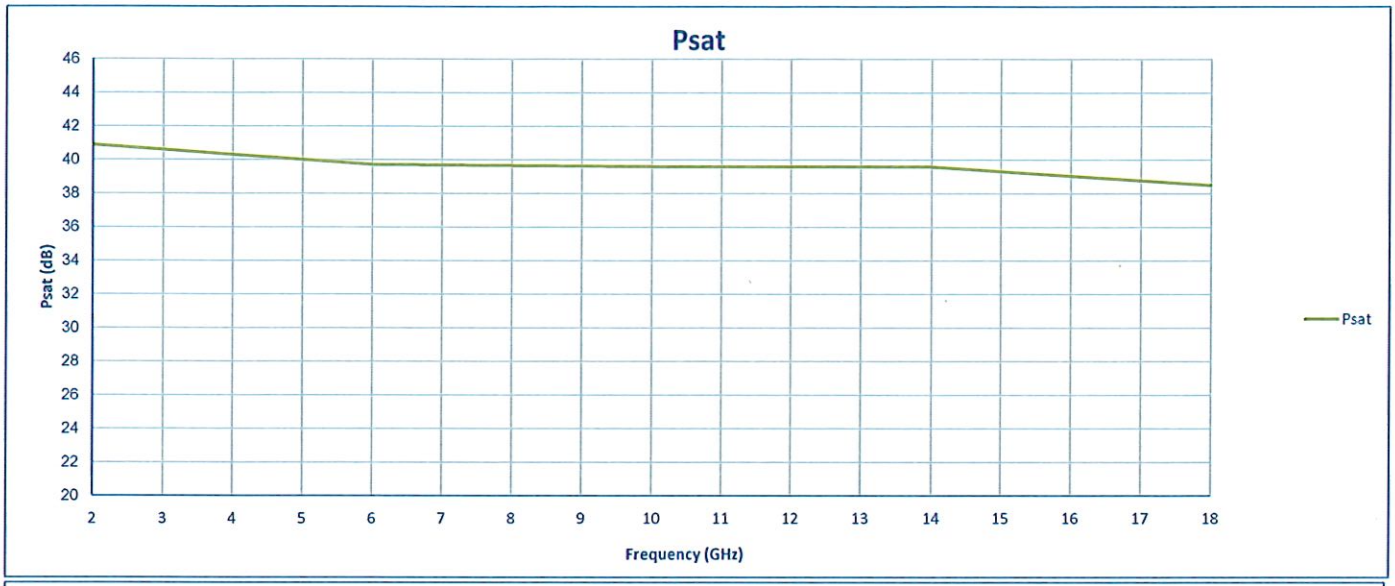


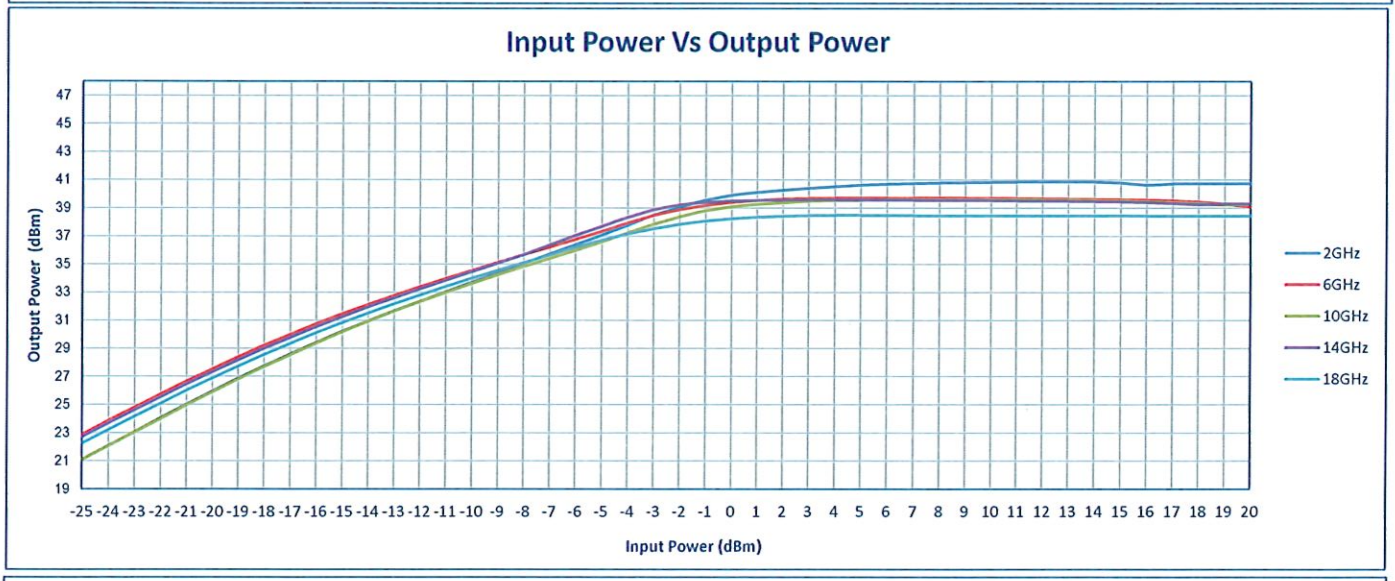
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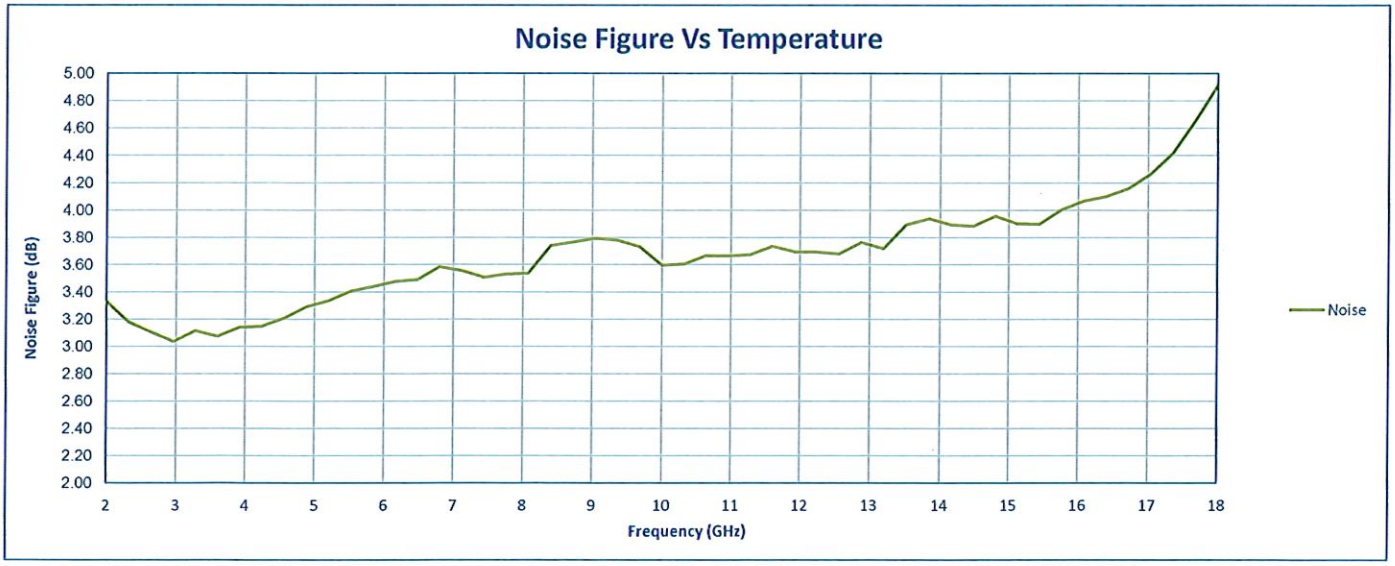
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