Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
LM-18G40G-18-1W-292FF

Customer:
SO No:
Model No: LM-18G40G-18-1W-292FF
Serial No: PL62985/2640

Tested By: John R.
Temperature: +25°C
Date: 9/29/2026
Drawing No: 27618172 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	18.0 GHz to 40 GHz	18.0 GHz to 40 GHz	PMI QA8
2	*Insertion Loss:	4.0 dB Max.	1.77 dB See Graph	
3	Input Power:	1 Watt CW Max.	Pass See Typical Characteristics	
4	*VSWR:	2.1:1	1.76:1 In 1.77:1 Out See Graph	
5	**Leakage Power:	+18 dBm Max.	Pass See Typical Characteristics	
6	Limiting Threshold:	+ 9 dBm Min.	+ 13 dBm See Graph	
7	Recovery Time:	10 nsec Max	<10 nsec See Typical Characteristics	PMI QA8

*Note 1: Insertion Loss and VSWR tested at -10 dBm.
**Note 2: Power Rating derated to 20% at +125 Degrees C.

QA/QC Approval: PMI QA3 Date: 9/30/26

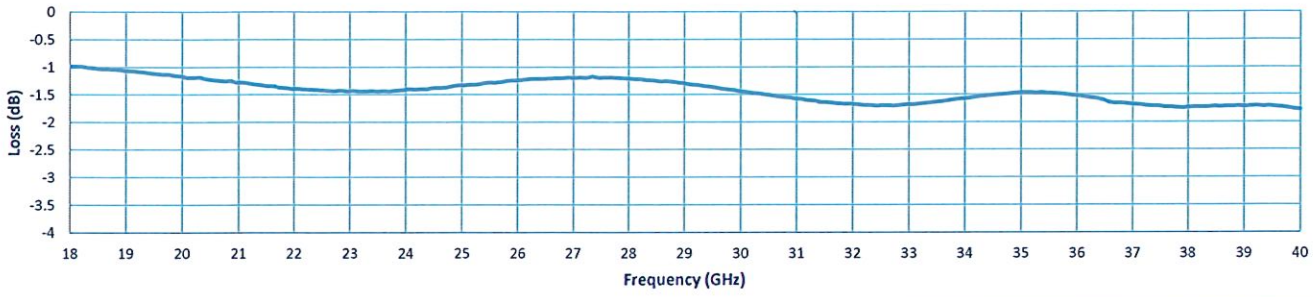
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

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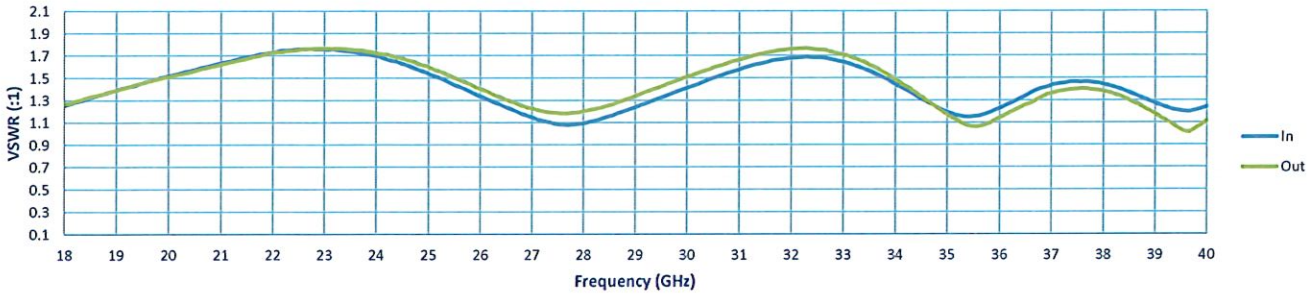
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ON
LM-18G40G-18-1W-292FF

PL62985/2640

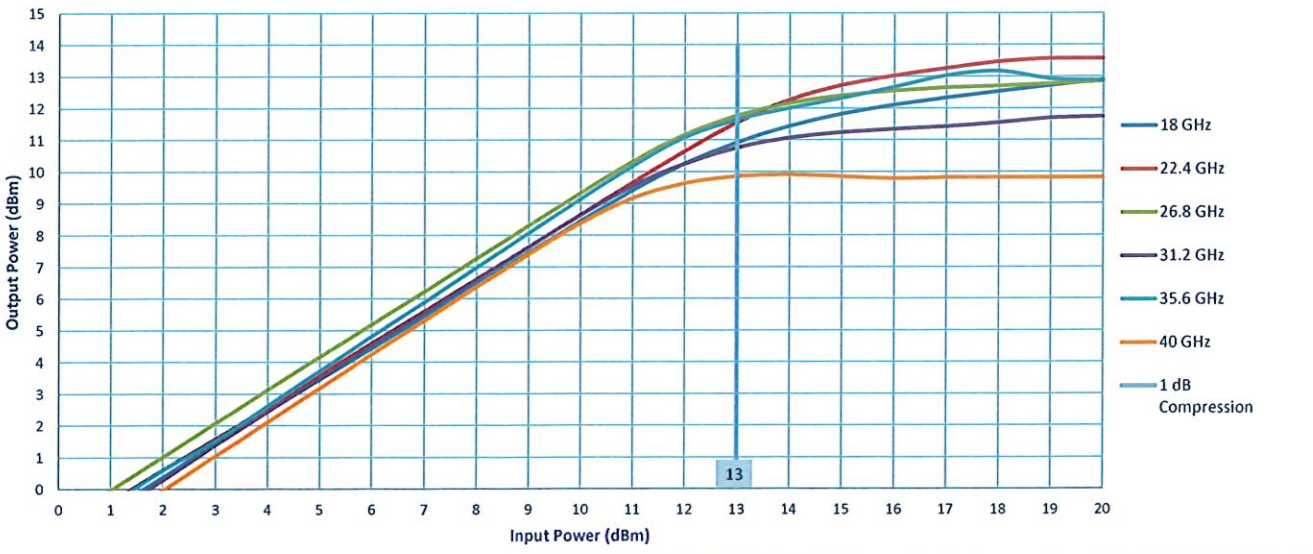
Insertion Loss @ -10 dB



VSWR @ -10 dB



Limiter Response with Frequency



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