Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
LM-1G18G-15-3W-500WP-SFF

Customer:
SO No:
Model No: LM-1G18G-15-3W-500WP-SFF
Serial No: PL41419/2330
Part No:

Tested By: John R.
Temperature: +25°C
Date: 7/26/2023
Drawing No: 27634041 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1.0 to 18.0 GHz	1.0 to 18.0 GHz	PMI QA2
2	Insertion Loss:	2.5 dB Max. @ -20 dBm Input Power	2.37 dB See Graph	
3	Recovery Time:	100 ns Typical	Pass See Typical Characteristics	
4	VSWR:	2.0:1 Max. @ -20 dBm Input Power	1.86:1 In 1.79:1 Out See Graph	
5	RF Power Handling:	3 W CW Max.	Pass See Typical Characteristics	
		500W Peak Max. (1 µs PW, 0.1% DC)	Pass See Typical Characteristics	
6	Limiting Threshold:	+17 dBm Typ. (1 dB Compression)	+12 dBm See Graph	PMI QA2

QA/QC Approval: PMI QA2 Date: 7/26/2023

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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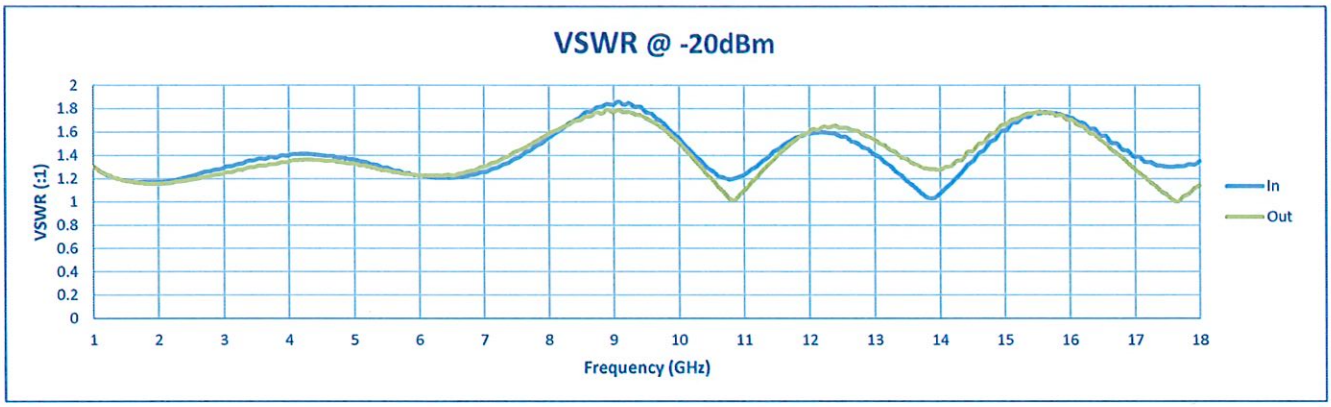
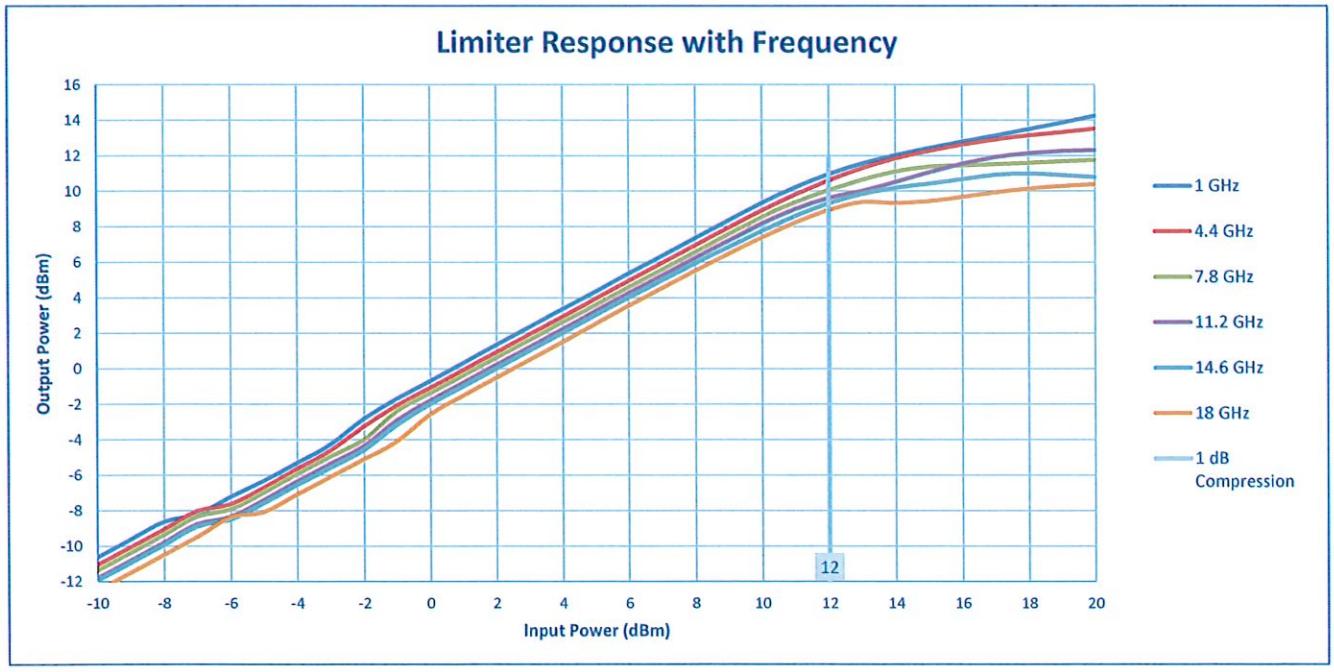
LM-1G18G-15-3W-500WP-SFF

PL41419/2330





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