SUMMARY TEST DATA
ON
LM-10M2D5G-100CW-1KWP-SFF

Customer: [redacted]
SO No: [redacted]
Model No: LM-10M2D5G-100CW-1KWP-SFF
Serial No: PL39751/2309

Tested By: K Craven
Temperature: +25°C
Date: 2/28/2023
Drawing No: 27624580 **REV:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	10 MHz to 2.5 GHz	**10 MHz to 2.5 GHz**	PMI QA2
2	Insertion Loss:	0.8 dB Max.	**0.58 dB See Plot**	
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	**Input 1.3:1 Output 1.27:1 See Plot**	
4	Impedance:	50 Ω	**Pass**	
5	Max. CW Input Power:	100W CW Maximum 1KW Peak (1% DUTY CYCLE, 1uS Maximum Pulse Width) (Notes 1,2.3,4)	**Pass See Typical Characteristics**	
6	Max. Pulsed Peak Power Handling:	1KW Peak (1% Duty Cycle, 1µsec Max. Pulse Width)	**Pass See Typical Characteristics**	
7	Max. Flat Leakage:	+14 dBm Max. At 10W CW	**Pass See Typical Characteristics**	
8	P1dB:	0 dBm Min.	**5.9 dBm See Plot**	
9	Recovery Time:	2 uS Typ.	**Pass See Typical Characteristics**	PMI QA2

Notes:

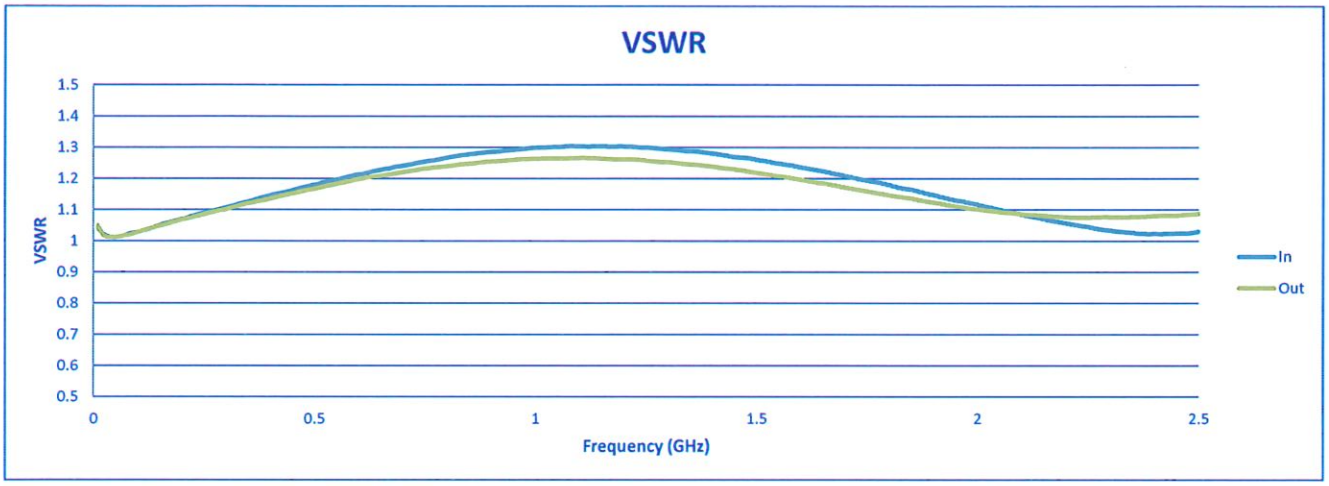
1. POWER RATING AT 25°C: DERATED LINEARLY TO ZERO AT 150°C
2. HIGH POWER TEST DURATION: FULL RATED POWER FOR 10 SECONDS
3. HIGH POWER PEAK CONDITIONS: 1KW PEAK (1% DUTY CYCLE, 1USEC MAXIMUM PULSE WIDTH)
4. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

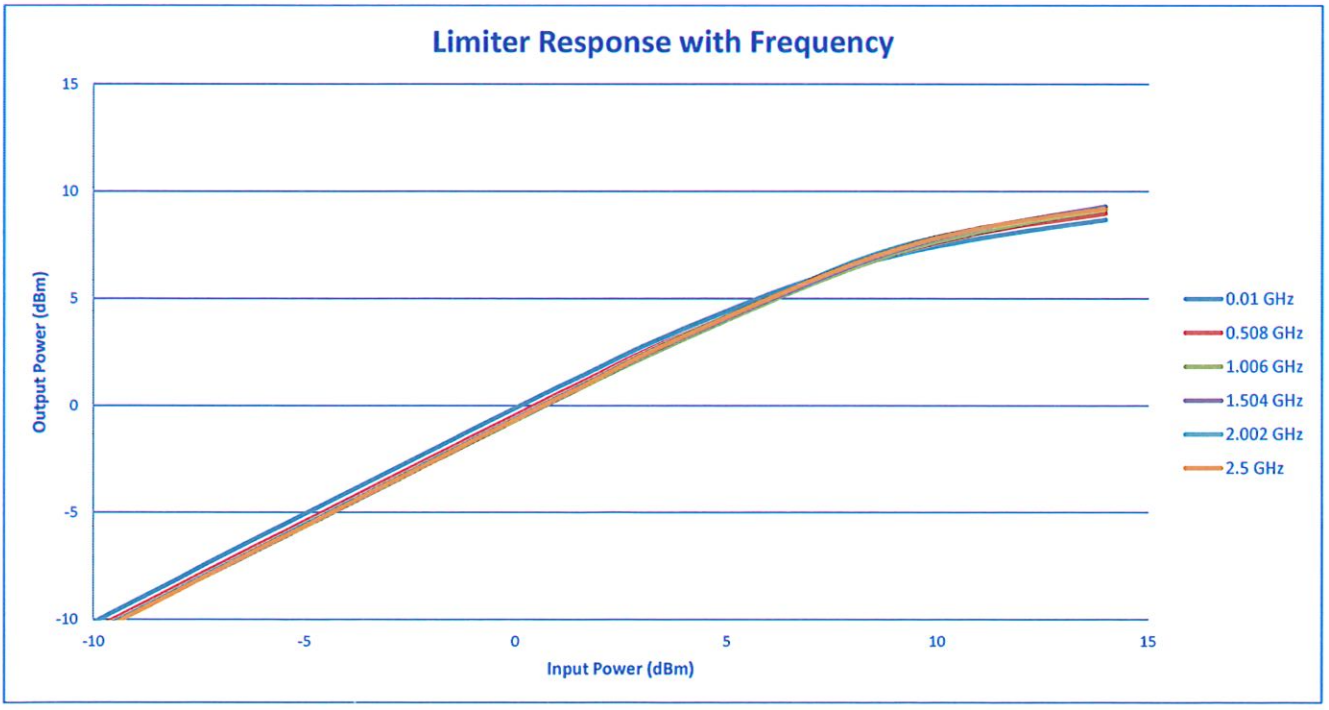
QA/QC Approval: PMI QA2 **Date:** 2/28/2023

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

SUMMARY TEST DATA
ON
LM-10M2D5G-100CW-1KWP-SFF

PL39751/2309





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