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

Customer: _____
SO No: _____
Model No: LM-10M2D5G-100CW-1KWP-SFF
Serial No: PL35134/2150

Tested By: John R
Temperature: +25°C
Date: 12/17/2021
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 QA 2
2	Insertion Loss:	0.5 dB Typ.	**0.57 dB See Plot**	
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	**Input 1.2:1 Output 1.14:1 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:	+13 dBm Max. @ 10W CW	**Pass See Typical Characteristics**	
8	P1dB:	0 dBm Min.	**5.89 dBm See Plot**	
9	Recovery Time:	2 uS Typ.	**Pass See Typical Characteristics**	PMI QA 2

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 QA 2 **Date:** 12/17/2021

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Email: sales@pmi-rf.com

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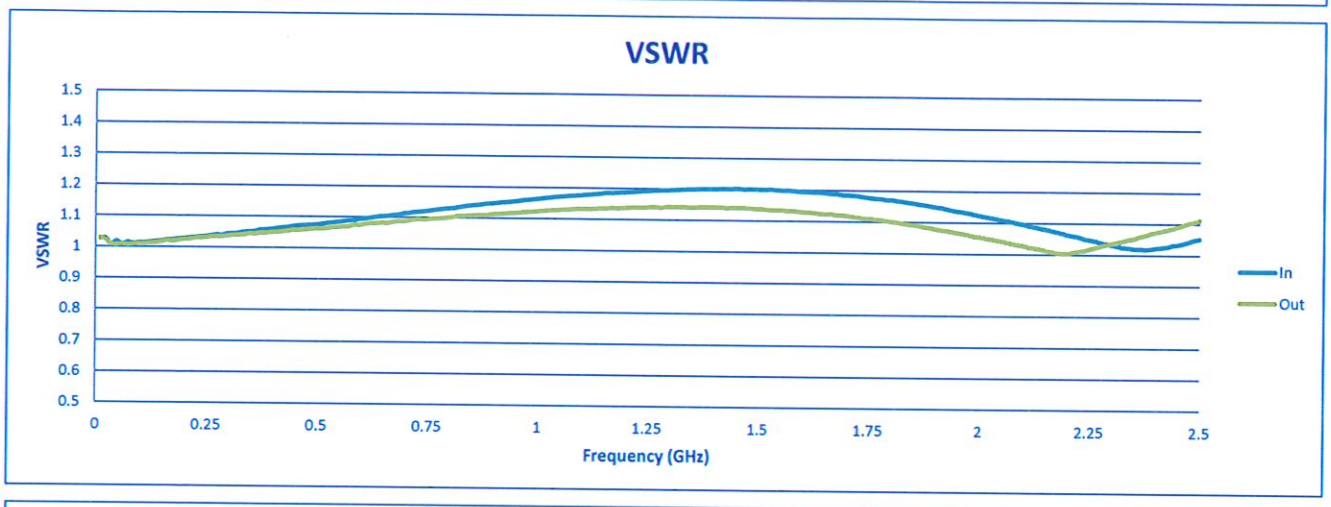
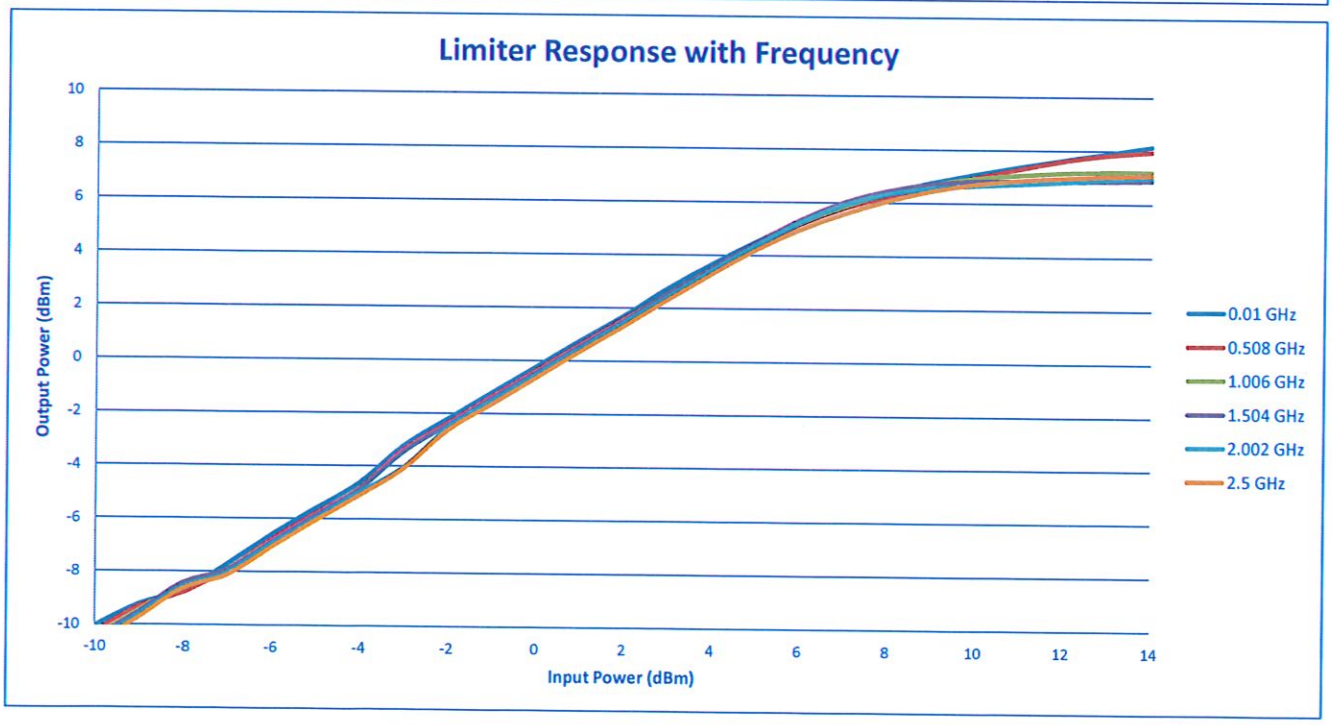
PL35134/2150





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