

SUMMARY TEST DATA
ON
LM-10M14G-100W-1KWP-SFF-OPT17

Customer: _____
SO No: _____
Model No: LM-10M14G-100W-1KWP-SFF-OPT17
Serial No: PL45957/2419

Tested By: K Craven
Temperature: +25°C
Date: 5/7/2024
Drawing No: 27637020 REV: B1

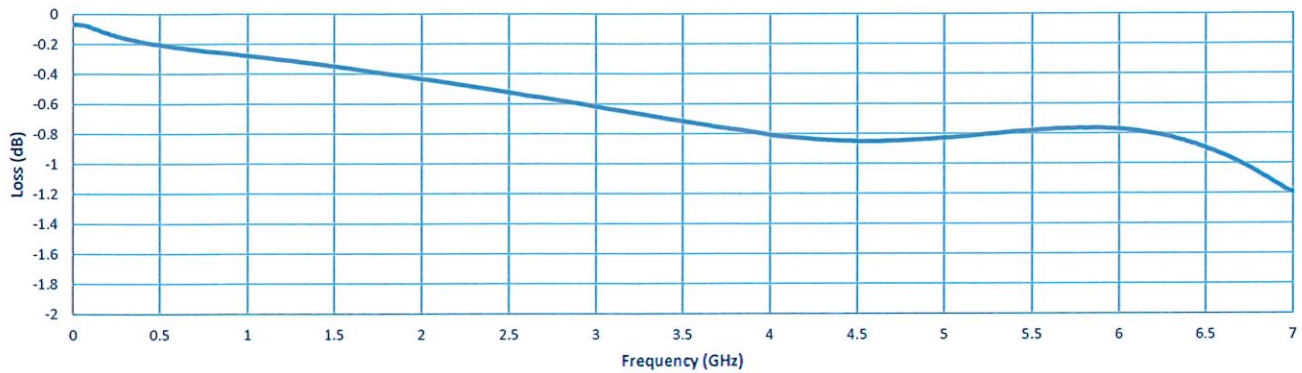
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	10 MHz to 7 GHz	10 MHz to 7 GHz	PMI QA4
2	Insertion Loss:	2 dB Typ.	1.19 dB See Graph	
3	Input/Output VSWR:	2.0:1 Max. @ -10 dBm Input	1.77:1 In 1.88:1 Out See Graph	
4	Impedance:	50 Ω	Pass	
5	Max. CW Input Power:	100W CW Max. (1.0 GHz to 7.0 GHz) All Temperatures (-55°C to +85°C)	Pass See Typical Characteristics	
6	Max. Pulsed Peak Power Handling:	1KW Peak (1% Duty Cycle, 1 μ s Pulse Width) 100W Peak (10% Duty Cycle, 10 μ s Pulse Width)	Pass See Typical Characteristics	
7	Max. Flat Leakage:	+17 dBm Typ. @ 100W CW	Pass See Typical Characteristics	
8	P1dB:	+ 5 dBm Min.	+ 5 dBm See Graph	
9	Recovery Time:	100 ns Max.	Pass See Typical Characteristics	PMI QA4

QA/QC Approval:

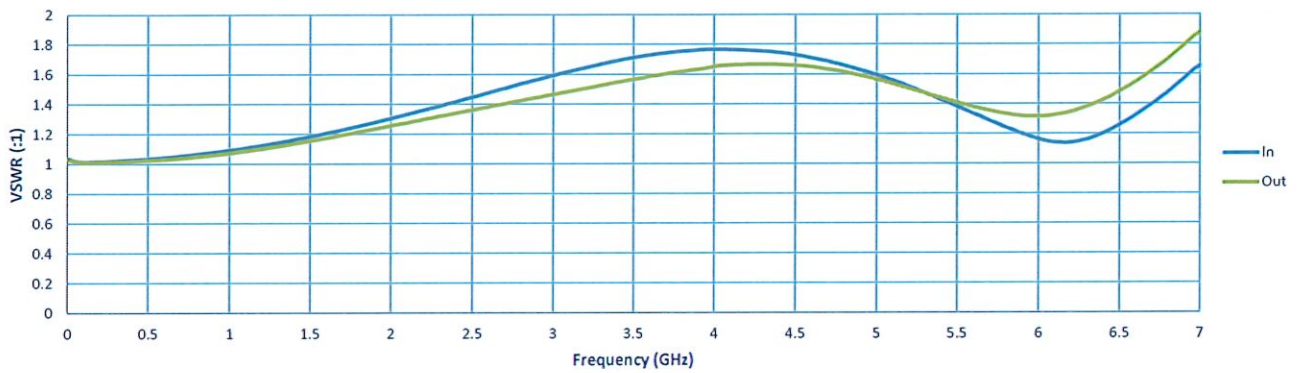
Cameron Kelley

Date: 05/08/2024

Insertion Loss



VSWR



Limiter Response with Frequency

