

**SUMMARY TEST DATA
ON
LM-150M5G-200CW-2KWPK-AGAL**

Customer: _____
SO No: _____
Model No: LM-150M5G-200CW-2KWPK-AGAL
Serial No: PL46540/2424

Tested By: K Craven
Temperature: +25°C
Date: 6/11/2024
Drawing No: 27646860 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	150 MHz to 5 GHz	150 MHz to 5 GHz	PMI QA4
2	Insertion Loss:	2.0 dB Max. (150 MHz to 300 MHz) 1.5 dB Max. (300 MHz to 5 GHz)	1.78 dB 1.19 dB See Graph	
3	VSWR:	1.7:1 Max. @ -10 dBm Input Power	2:1 In 1.91:1 Out See Graph	
4	Power Handling:	200W CW Max. (+53 dBm) *Note 1	Pass See Typical Characteristics	
5	Peak Power Handling:	2KW Peak (+63 dBm) *Note 2 (5% Duty Cycle, 25µsec Max. Pulse Width)	Pass See Typical Characteristics	
6	Flat Leakage:	+20 dBm Typ.	Pass See Typical Characteristics	
7	P1dB:	+6 dBm Min.	+10 dBm See Graph	
8	Recovery Time:	100 ns Max.	Pass See Typical Characteristics	PMI QA4

Note 1: Tested up to 100Watts CW from 150 MHz to 5 GHz, (Theoretically it can handle 200 Watts CW from 150 MHz to 5 GHz)

Note 2: Tested Pulse Peak Power from 150 MHz to 5 GHz, (Theoretically it can handle 2Kw Peak Power Typically 25us PW @ 5% DC from 150 MHz to 5 GHz)

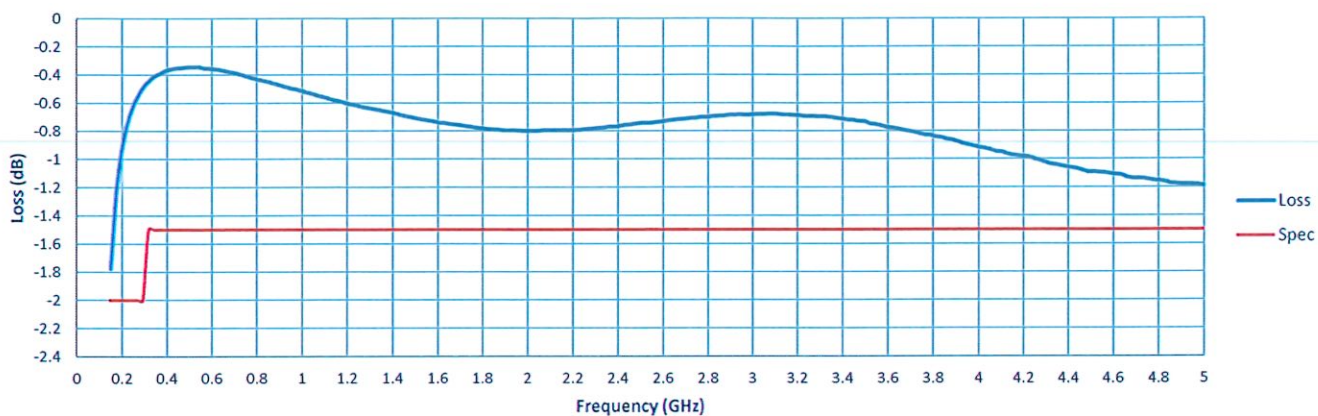
QA/QC Approval:

Cameron Kelley

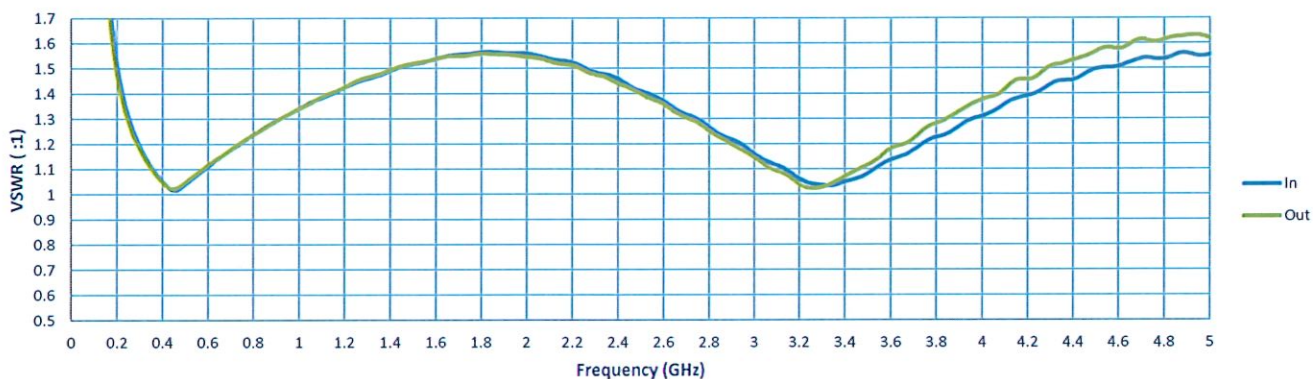
Date:

06/12/2024

Insertion Loss



VSWR



Limiter Response with Frequency

