



SUMMARY TEST DATA
ON
LM-20M15G-100W-15DBM

Customer: _____
SO No: _____
Model No: LM-20M15G-100W-15DBM
Serial No: PL49924/2444

Tested By: John R. _____
Temperature: +25°C _____
Date: 10/30/2024 _____
Drawing No: 27638620 _____ REV: A2 _____

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	20 MHz to 15 GHz	20 MHz to 15 GHz	PMI QA4
2	Insertion Loss:	1.8 dB Max @ -10dBm Input Power	1.42 dB See Graph	
3	Input/Output VSWR:	2.0:1 Max. @ -10 dBm Input Power	1.88:1 In 1.78:1 Out See Graph	
4	RF Power Handling:	100W CW Max. @ -55C TO +85C 1kW Peak (1µs Max. PW, 0.1% Duty Cycle) 100W (1µs, 1% Duty Cycle, 10KHz) 100W (10µs, 0.1% Duty Cycle, 100Hz) 100W (1µs, 0.1% Duty Cycle, 1KHz) 100W (40µs, 10% Duty Cycle, 2.5KHz)	Pass See Typical Characteristics	
5	Leakage Power:	+15 dBm Max. Max. @100W CW	Pass See Typical Characteristics	
6	P1dB:	+5 dBm Min.	+6 dBm See Graph	
7	Recovery Time:	100 ns Typ.	Pass See Typical Characteristics	PMI QA4

QA/QC Approval:

Cameron Kelly

Date:

11/1/24

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