



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

Customer: _____
 SO No: _____
 Model No: LM-150M5G-200CW-2KWPK-AGAL-NFF
 Serial No: PL32905/2128

Tested By: A. Lopez
 Temperature: +25°C
 Date: 5/17/2021
 Drawing No: 27641360 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA
			+25°C	QC
1	Frequency Range:	150 MHz to 5 GHz	150 MHz to 5 GHz	PMI QA1
2	Power Handling	200 Watts CW Typ. (+53 dBm) Note 1	Pass See Typical Characteristics	
		2 kW Peak Power Typ. (+63 dBm), 25µs, 5% Duty Cycle Note 2	Pass See Typical Characteristics	
3	Insertion Loss	150 to 300 MHz (2.0 dB Max.) 300 MHz to 5 GHz (1.5 dB Max.)	1.4 dB	
			1.3 dB	
			See Graph	
4	VSWR (in/out)	1.7:1 Typ.	1.85:1	
			1.83:1	
			See Graph	
5	Flat Leakage Power	+20 dBm Typ.	Pass See Typical Characteristics	
6	P1dB	+6 dBm Min.	+9 dBm See Graph	
7	Recovery Time	100 ns Max.	Pass See Typical Characteristics	PMI QA1

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

Note 2: Tested Pulse Peak Power up to From 150 MHz to 5 GHz, (Theoretically it can handle 2KW Peak Power Typically 25µs PW, 5% Duty Cycle for Frequency Range 150MHz to 5GHz)

QA/QC Approval: **PMI QA1** Date: 5/18/22



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