



SUMMARY TEST DATA
ON
LM-20M18G-100W-15DBM-TH-OPT042

Customer: _____
SO No: _____
Model No: LM-20M18G-100W-15DBM-TH-OPT042
Serial No: PL44038/2405

Tested By: John R. _____
Temperature: +25°C _____
Date: 1/30/2024 _____
Drawing No: 27647080 _____

REV: A1 _____

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.4 GHz to 2 GHz	0.4 GHz to 2 GHz	
2	Insertion Loss:	1.0 dB Max. @ -10 dBm Input Power	0.57 dB See Graph	
5	VSWR:	2.0:1 Max. @ -10 dBm Input Power	1.37:1 In 1.31:1 Out See Graph	
3	Leakage Power:	+15dBm Max. @ 100 W CW	Pass See Typical Characteristics	
4	Recovery Time (3 dB):	100 ns Max. 100 W Peak Power	Pass See Typical Characteristics	
6	RF Power Handling:	100 W CW Max.	Pass See Typical Characteristics	
		1kW PEAK MIN +85°C (1µs PULSE WIDTH, 0.1% DUTY CYCLE) 100W (1µs PULSE WIDTH, 1% DUTY CYCLE, 10 kHz) 100W (10 µs PULSE WIDTH, 0.1% DUTY CYCLE, 100 Hz) 100W (1µs PULSE WIDTH, 1% DUTY CYCLE, 1 kHz) 100W (40µs PULSE WIDTH, 1% DUTY CYCLE, 2.5 kHz)	Pass See Typical Characteristics	
7	Limiting Threshold:	+ 5 dBm Min. (1 dB Compression)	+ 6 dBm See Graph	

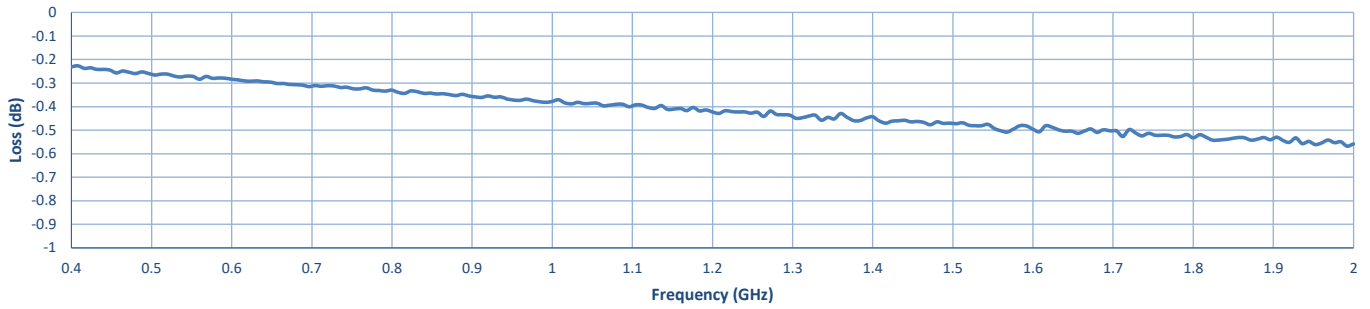
QA/QC Approval: _____

Date: _____

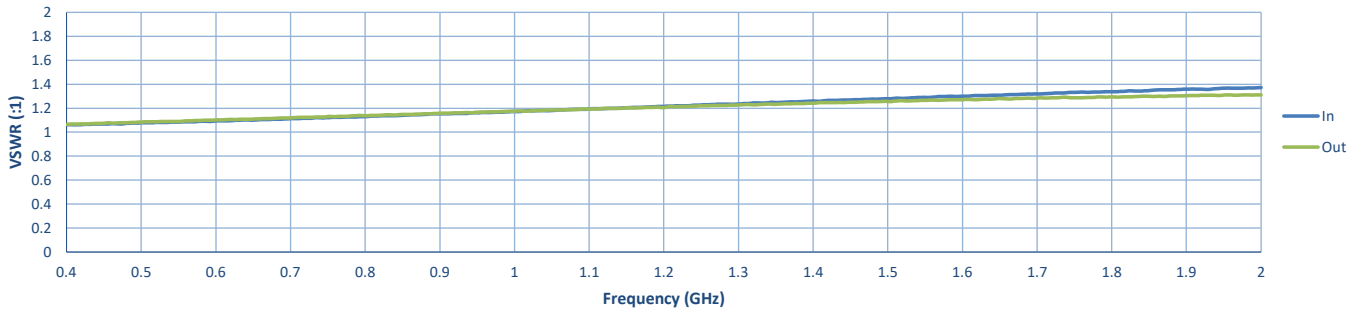
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PL44038/2405

Insertion Loss



VSWR



Limiter Response with Frequency

