



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

Customer: _____
 SO No: _____
 Model No: LM-20M15G-100W-15DBM
 Serial No: PL30684/2046

Tested By: Bryan K.
 Temperature: +25°C
 Date: 6/21/2021
 Drawing No: 27338620 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	20 MHz to 15 GHz	20 MHz to 15 GHz	PMI QA 2
2	RF Power Handling	100W CW Max. @ -55C to +85C 1KW Peak Max. +85C (1us PW, 0.1% Dcycle) 100W (1us, 1% Dcycle, 10kHz) 100W (10us, 0.1% Dcycle 100 Hz) 100W (1us, 0.1% Dcycle, 1kHz) 100W (40us, 10% Dcycle, 2.5kHz)	Pass See Typical Characteristics	PMI QA 2
3	Insertion Loss	1.80 dB Max. (-10dBm Input Power)	1.68:1 (See Plot)	
4	Leakage Power	+15 dBm Max. @ 100W CW	Pass See Typical Characteristics	
5	VSWR	2.0:1 Max (-10 dBm Input Power)	1.87:1 (See Plot)	
6	Limiting Threshold (P1dB)	+5 dBm Min.	+5 dBm See Plot	
7	Recovery Time:	100 ns Typ.	Pass See Typical Characteristics	

QA/QC Approval: _____

PMI
QA 2

Date: _____

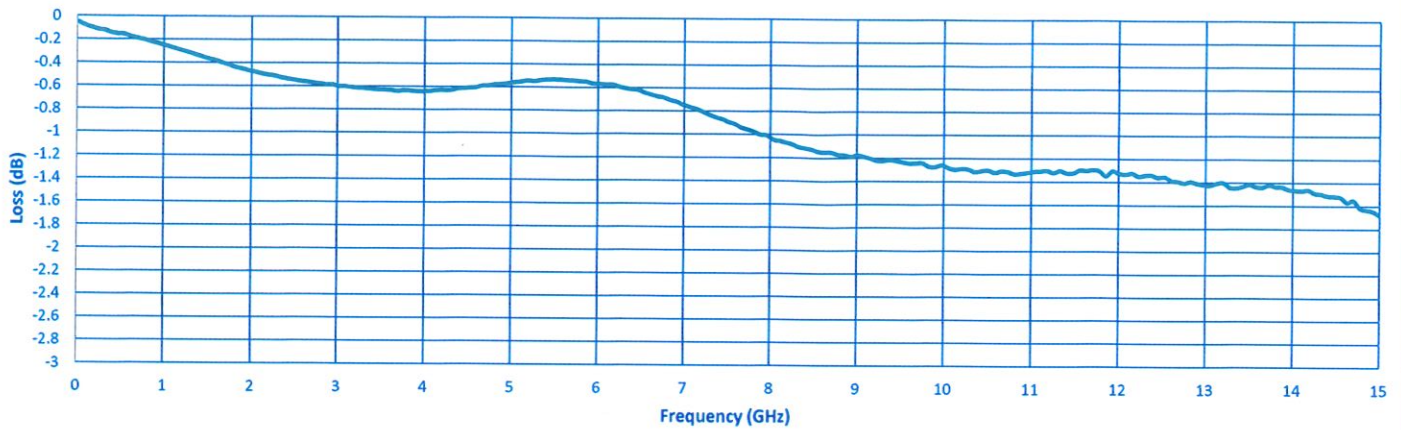
6/23/21



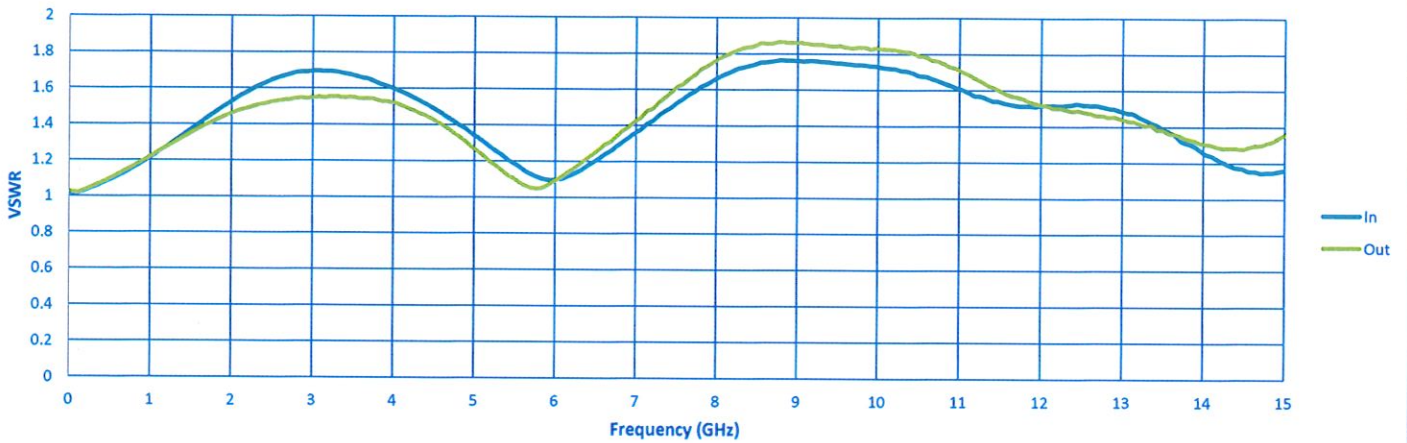
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PL30884/2046

Insertion Loss



VSWR



Limiter Response with Frequency

