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

### Customer: Lockheed, NY
SO No: 20210220-P
Model No: LM-20M18G-100W-15DBM
Serial No: PL33230/2130

### Tested By: A. Lopez
Temperature: 25 Degrees C
Date: 7/30/2021
Drawing No: 27438620

### TEST ITEM NO | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC
---|---|---|---|---
1 | Frequency Range: | 20 MHz To 18 GHz | 20 MHz To 18 GHz | PMI QA A
2 | Insertion Loss: | 2.6 dB Max. @ -10 dBm Input | 2.29 dB See Graph |  
3 | Input/Output VSWR: | 2.0:1 Max. @ -10 dBm Input | 1.9:1 See Graph |  
4 | Leakage: | +15 dBm Max. @100W CW | Pass See Typical Characteristics |  
5 | Recovery Time: | 100 ns Typical | Pass See Typical Characteristics |  
6 | Max.CW Input Power: | 100 Watt CW Max. @-55°C to +85°C | Pass See Typical Characteristics |  
7 | Max. Pulsed Peak Power Handling: | 1KW Peak (0.1% Duty Cycle, 1µs Pulse Width) | Pass See Typical Characteristics |  
8 | Limiting Threshold (P1DB): | +5 dBm Min. | 6 dB | PMI QA A

### QA/QC Approval:

Date: 7/30/2021

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Email: sales@pmi-rf.com

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Insertion Loss

VSWR

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Limiter Response with Frequency

Output Power (dBm)

Input Power (dBm)

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

-14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

-20 MHz
-4 GHz
-7 GHz
-11 GHz
-14 GHz
-18 GHz