



## SUMMARY TEST DATA ON LM-2G18G-18-20W-1KWP-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-2G18G-18-20W-1KWP-SFF  
 Serial No: PL36130/2214

Tested By: Tin M. L  
 Date: 3/28/2022  
 Drawing No: 27636740 REV: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
			+25°C		
1	Frequency Range:	2.0 to 18.0 GHz	2.0 to 18.0 GHz	PMI QA 2	
2	RF Input Power:	+43 dBm CW Maximum	Pass See Typical Characteristics		
3	Peak Input Power:	+50 dBm Maximum @10% Duty Cycle & 40µs Pulse Width	Pass See Typical Characteristics		
4	Limiting Threshold (P1dB):	+5 dBm Minimum	+9 dBm See Plot		
5	RF Leakage:	+18 dBm Flat & Spike Maximum	Pass See Typical Characteristics		
6	Recovery Time:	100 ns Maximum	<100 ns See Typical Characteristics		
7	Insertion Loss:	2.6 dB Maximum (@ -10 dBm Input Power)	1.89 dB See Plot		
8	VSWR:	2.0:1 Maximum (Input/Output) (@ -10 dBm Input Power)	1.63:1 See Plot		
9	Insertion Phase:	Measured at an Input Power Level of 0 dBm. Will be within ± 2.0 Degrees relative to the Phase Measured at Input Power Levels less than or equal to 0 dBm	±0.94 Degrees See Plot		
10	Mechanical Outline	See Outline Drawing Pass / Fail	Pass		
11	Weight:	3.0 OZ Maximum	Pass		
12	Seal	See Attached Seal Data Pass / Fail FINE LEAK: 1 X 10 <sup>-6</sup> ATM- cc/sec	Pass		PMI QA 2

QA/QC Approval:

PMI  
QA 2

Date:

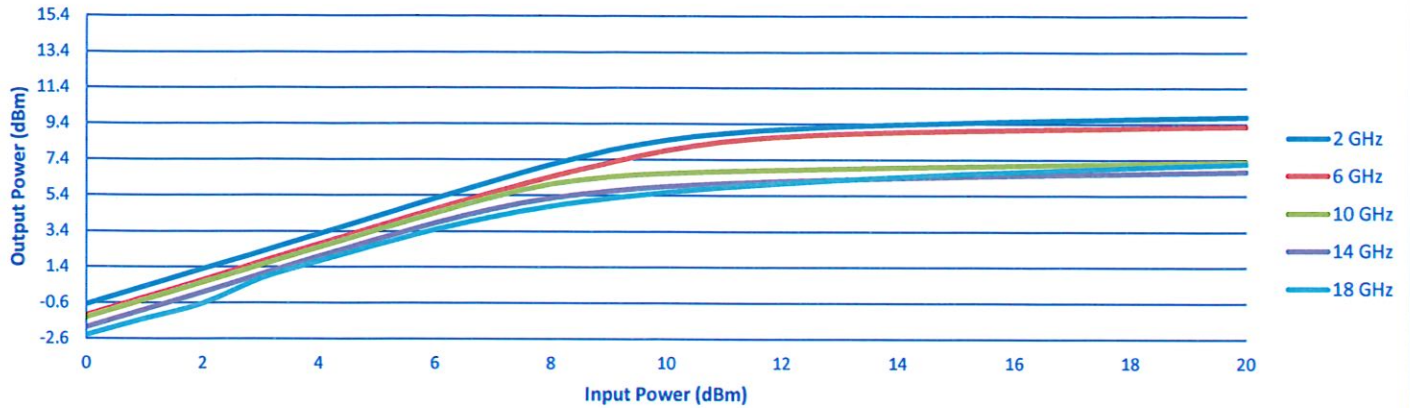
3/30/2022



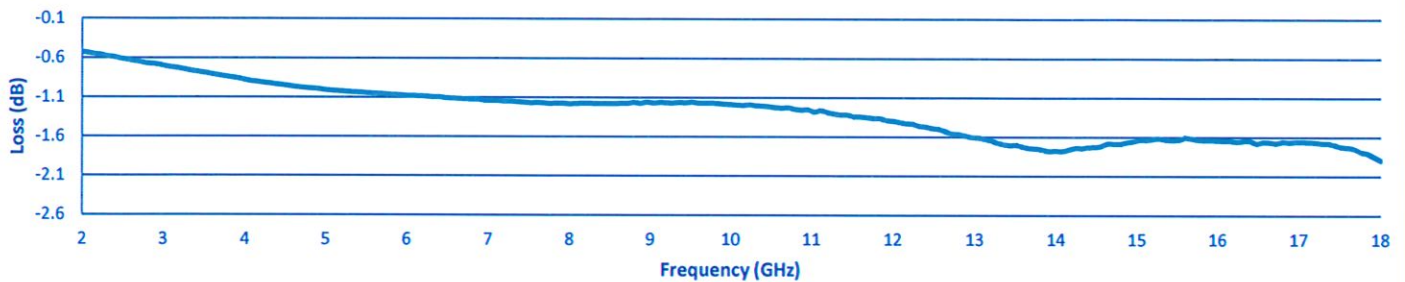
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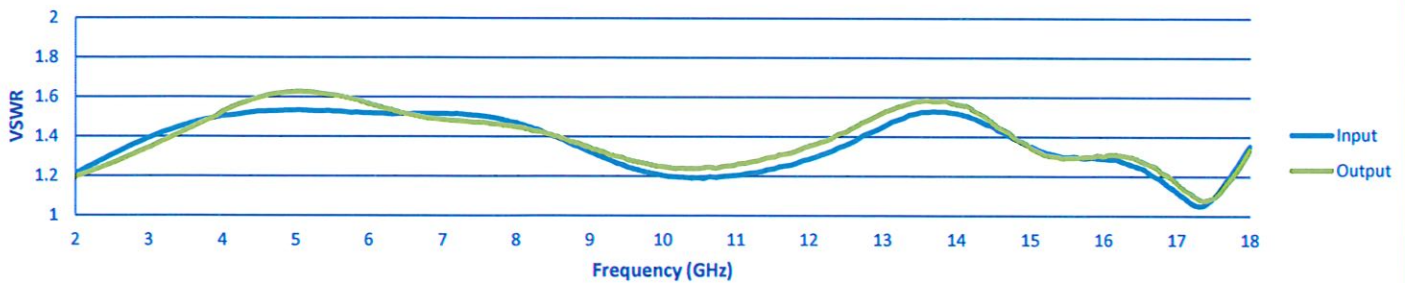
## Limiting



## Insertion Loss



## VSWR



## Insertion Phase

