



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

Customer: _____
SO No: _____
Model No: LM-20M18G-100W-15DBM-NFM
Serial No: PL53525/2525

Tested By: K Craven
Temperature: 25°C
Date: 6/17/2025
Drawing No: 27643600 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	20 MHz To 18 GHz	20 MHz To 18 GHz	PMI QA4
2	Insertion Loss:	2 dB GOAL 2.5 dB Max. @ -10 dBm Input	2.47 dB See Graph	
3	Input/Output VSWR:	2.0:1 Max. @ -10 dBm Input	1.9 :1 See Graph	
4	Leakage:	+17 dBm Max. @100W CW	Pass See Typical Characteristics	
5	Recovery Time:	100 ns Typ.	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% DC, 1μs PW)	Pass See Typical Characteristics	
		100W Peak (10% DC, 10μs PW)	Pass See Typical Characteristics	PMI QA4
8	Limiting Threshold (P1dB):	+5 dBm Min.	6 dBm See Graphs	

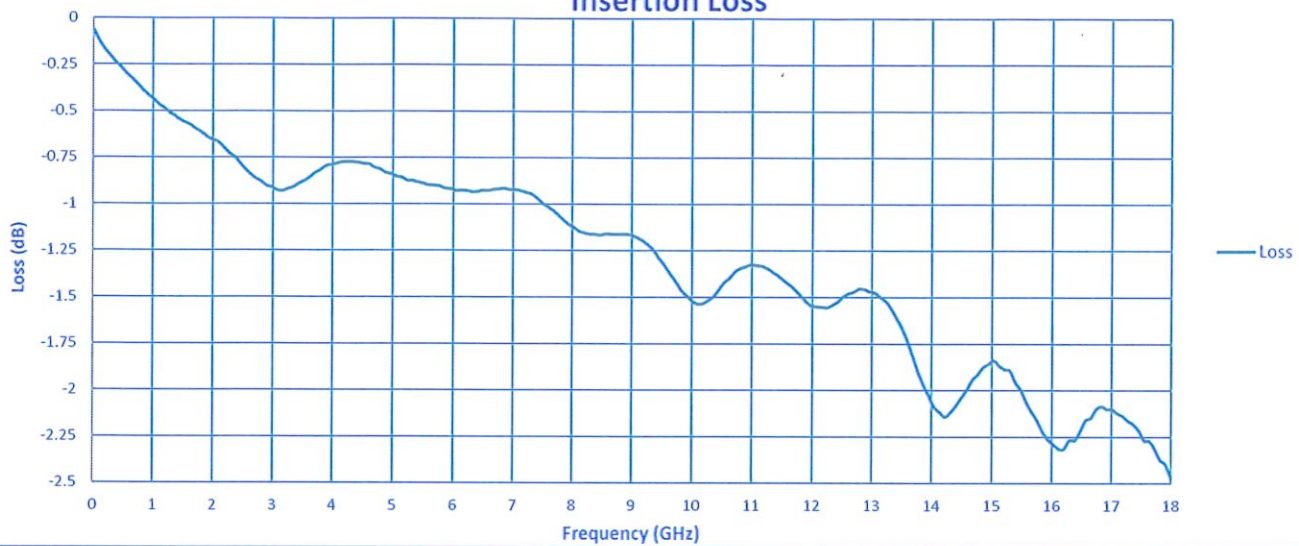
QA/QC Approval: _____

Date: 6/23/25

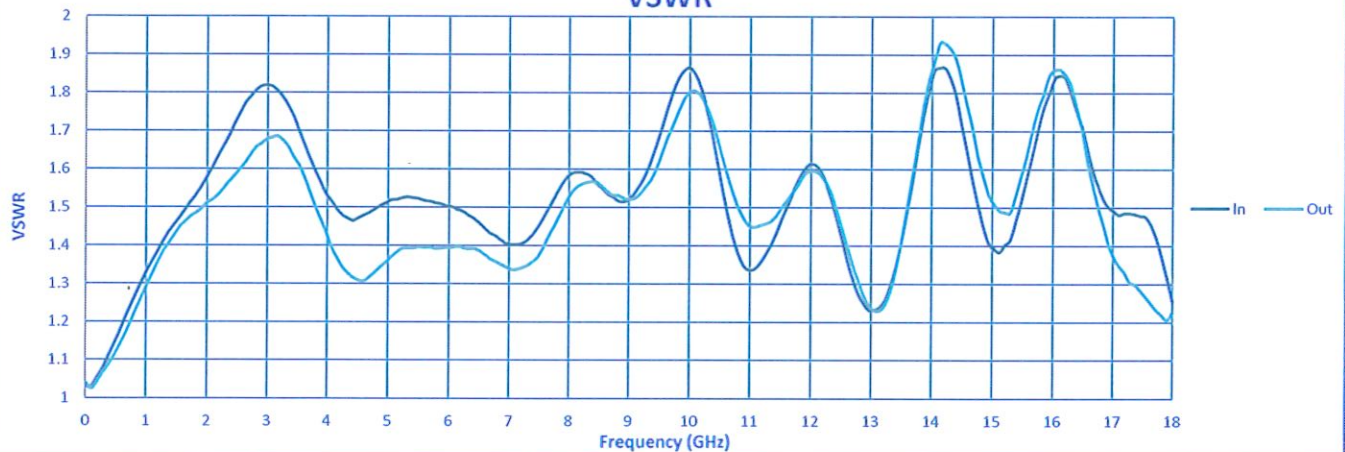


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Insertion Loss



VSWR



Response Limiting Curve Vs Frequency

