

**SUMMARY TEST DATA
ON
LM-28-C3-1**

Customer: _____
SO No: _____
Model: _____
Serial No: PL50977/2503

Tested By: A. Lopez
Temperature: +25°C
Date: 1/17/2025
Drawing No: 27649960 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results			QA QC
			+25°C	+55°C	+95°C	
1	Frequency Range:	2 to 2.0 GHz	2.0 to 8.0 GHz	2.0 to 8.0 GHz	2.0 to 8.0 GHz	PMI QA2
2	VSWR	2.0:1 Max.	1.45 :1 See Graph	1.41 :1 See Graph	1.48 :1 See Graph	
3	Insertion Loss:	1.0 dB Typ. 1.2 dB Max.	0.76 dB See Graph	0.7 dB See Graph	0.76 dB See Graph	
4	Average Power:	3 Watts Max. (CW)	Pass 3 Watts CW See Graph	Pass 3 Watts CW See Graph	Pass 3 Watts CW See Graph	
5	Peak Power:	1000 Watts Max. (1 μ s PW, 1% Duty Cycle)	Pass 1 kW Peak See Graph	Pass 1 kW Peak See Graph	Pass 1 kW Peak See Graph	
6	Recovery Time:	1000 ns Typ. @1kW 100 ns Typ. @3W CW	Pass See Typical Characteristics	Pass See Typical Characteristics	Pass See Typical Characteristics	
7	Leakage Power:	80 mW Typ. (19 dBm)	+14.87 dBm CW	+15.2 dBm CW	+14.44 dBm CW	PMI QA2
			+16.32 dBm Pulsed	+16.32 dBm Pulsed	+16.32 dBm Pulsed	
			See Graph	See Graph	See Graph	

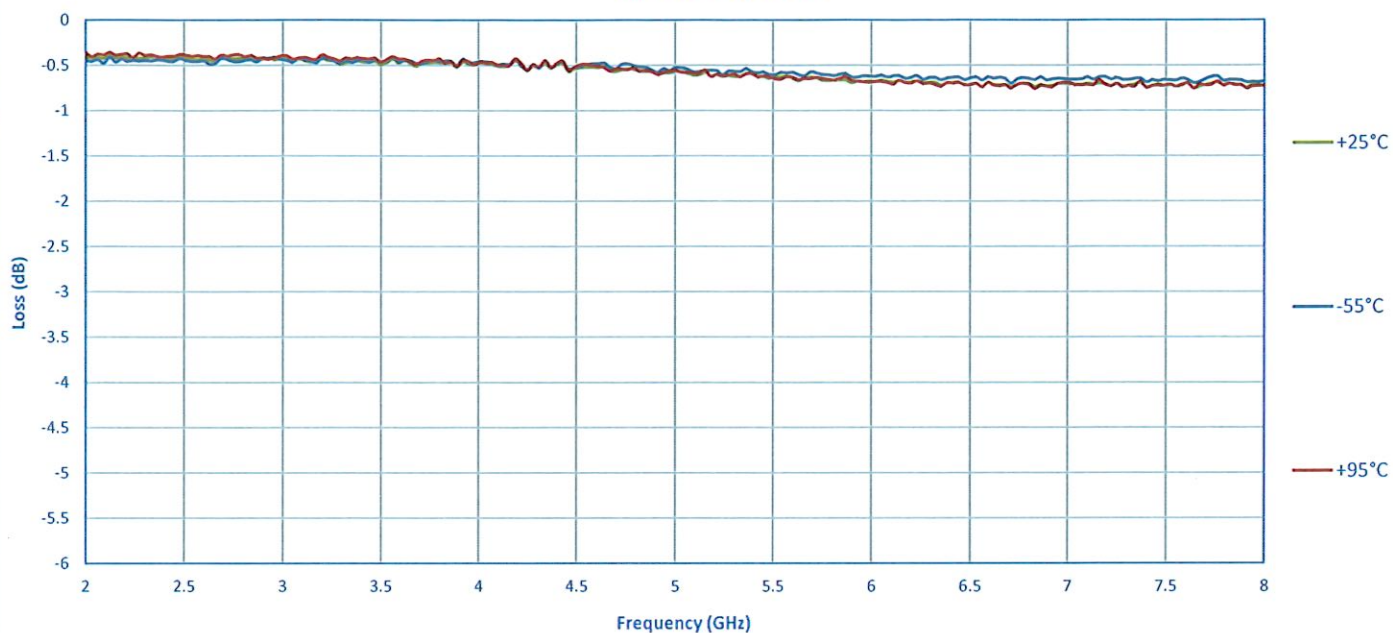
QA/QC Approval: 

PMI
QA2

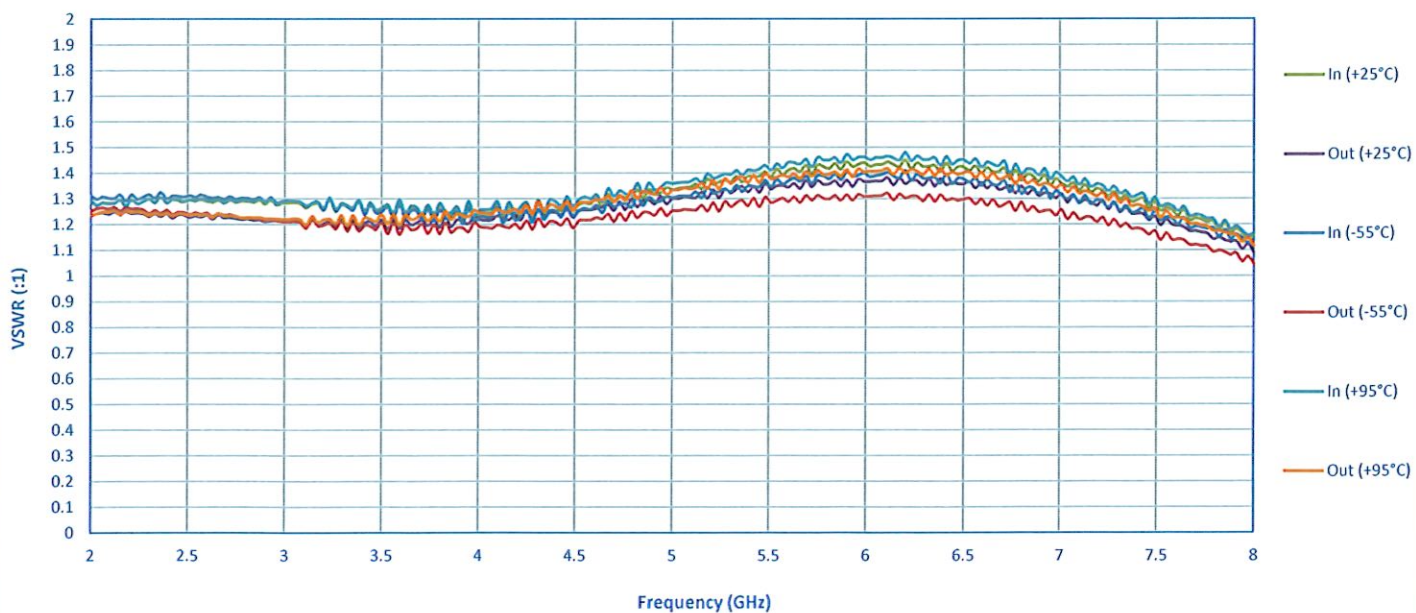
Date: 1/23/2025

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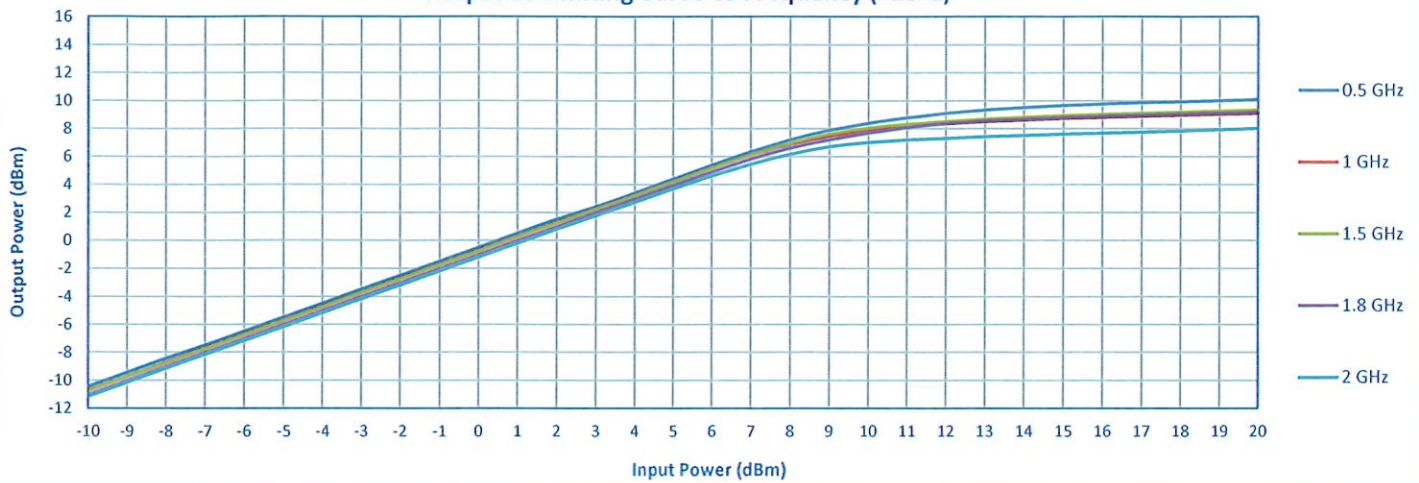
Insertion Loss



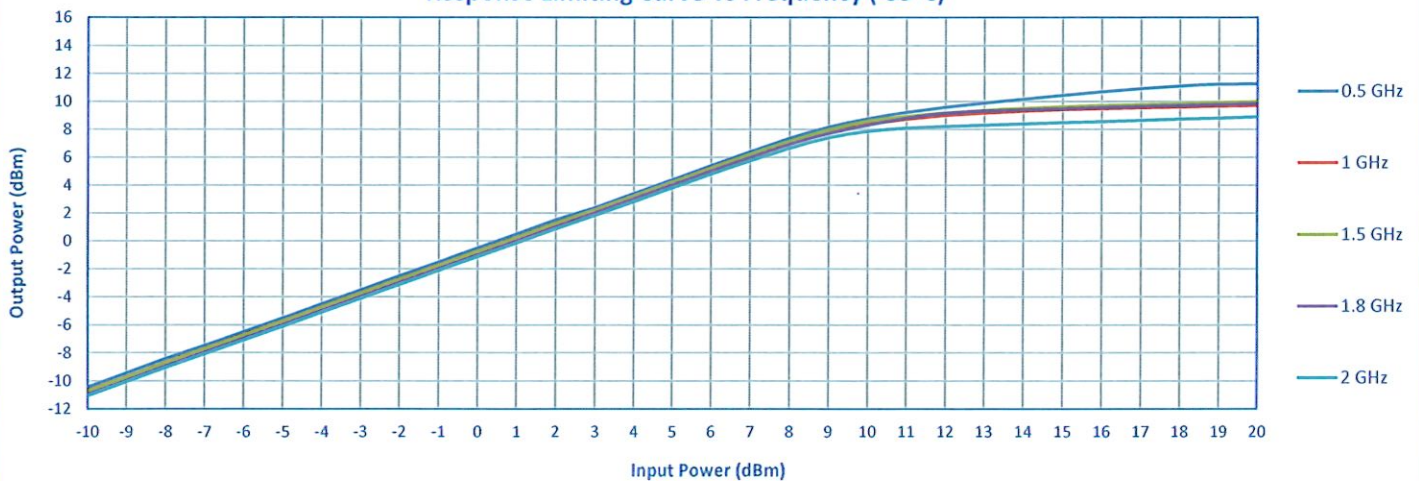
VSWR



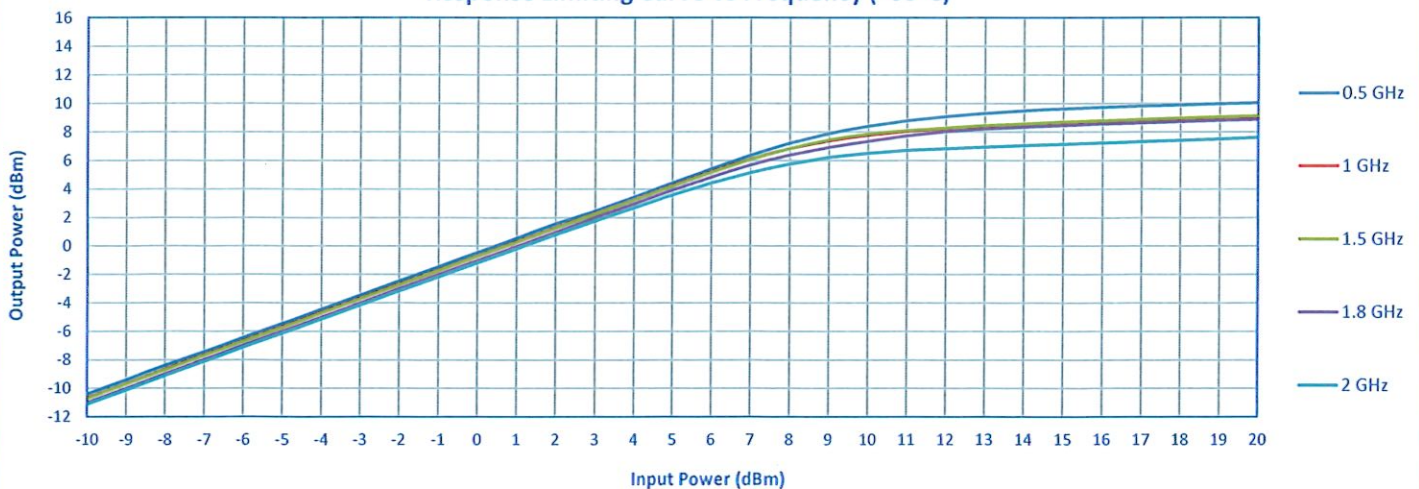
Response Limiting Curve Vs Frequency (+25°C)



Response Limiting Curve Vs Frequency (-55°C)

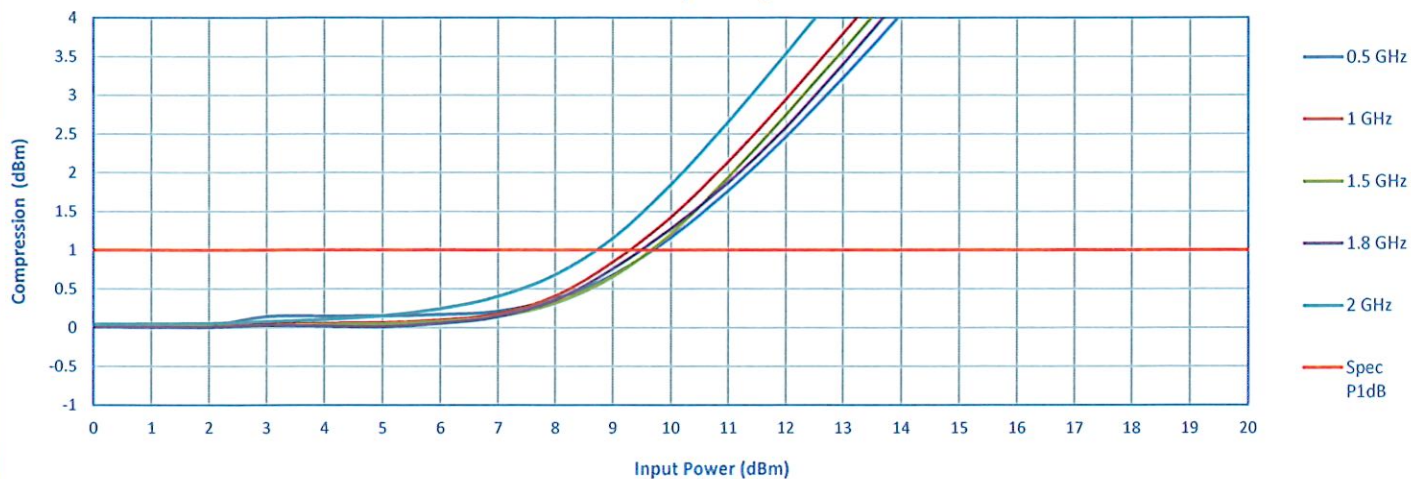


Response Limiting Curve Vs Frequency (+95°C)

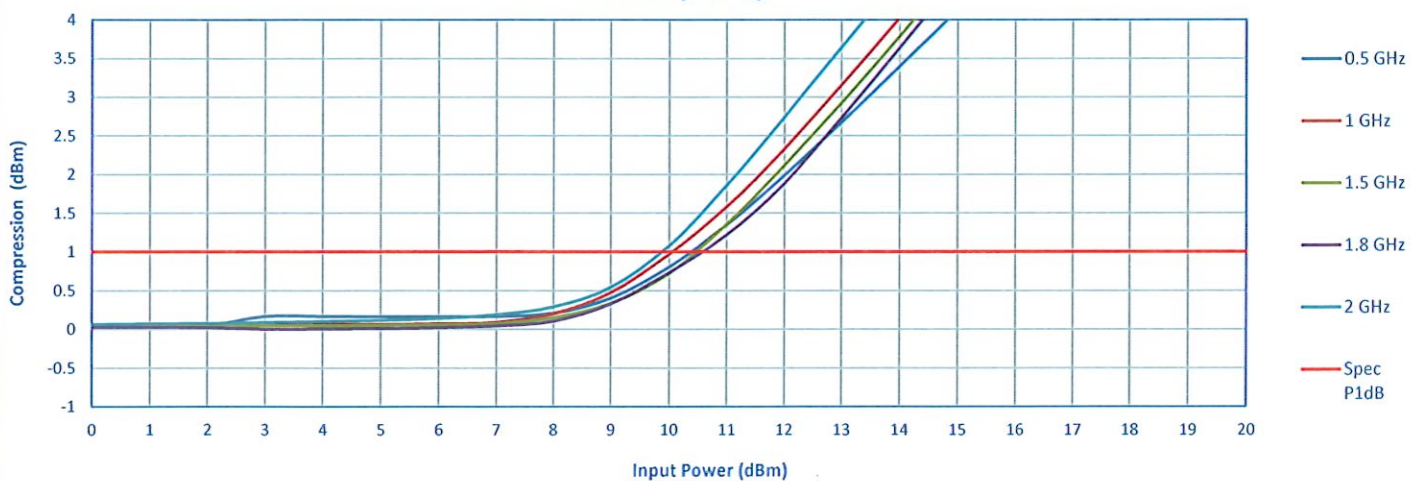


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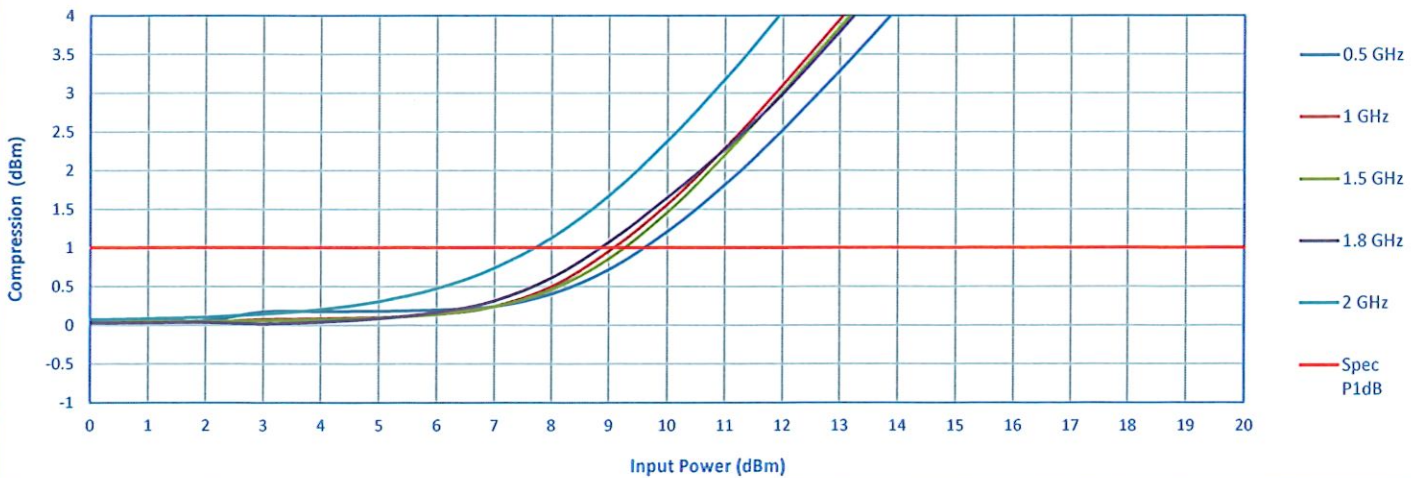
P1dB (+25°C)



P1dB (-55°C)

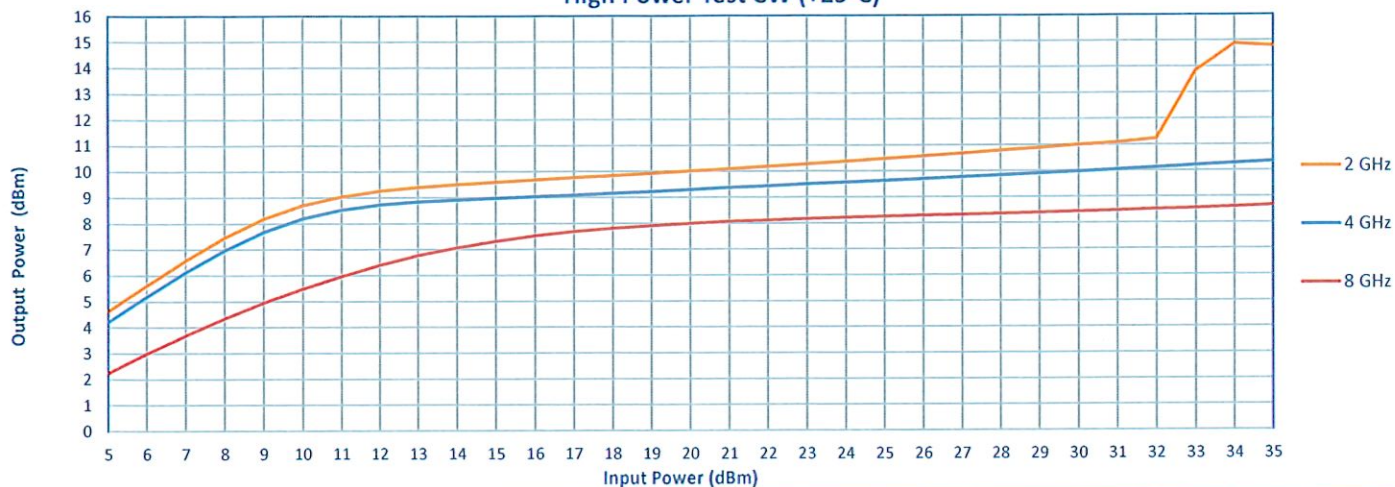


P1dB (+95°C)

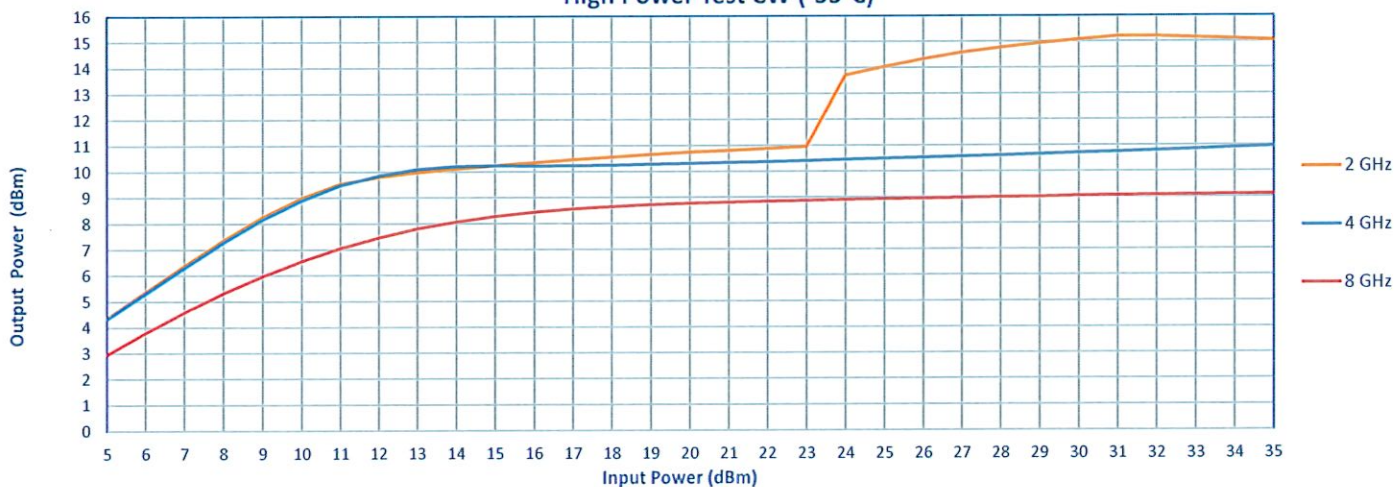


SUMMARY TEST DATA ON LM-28-C3-1

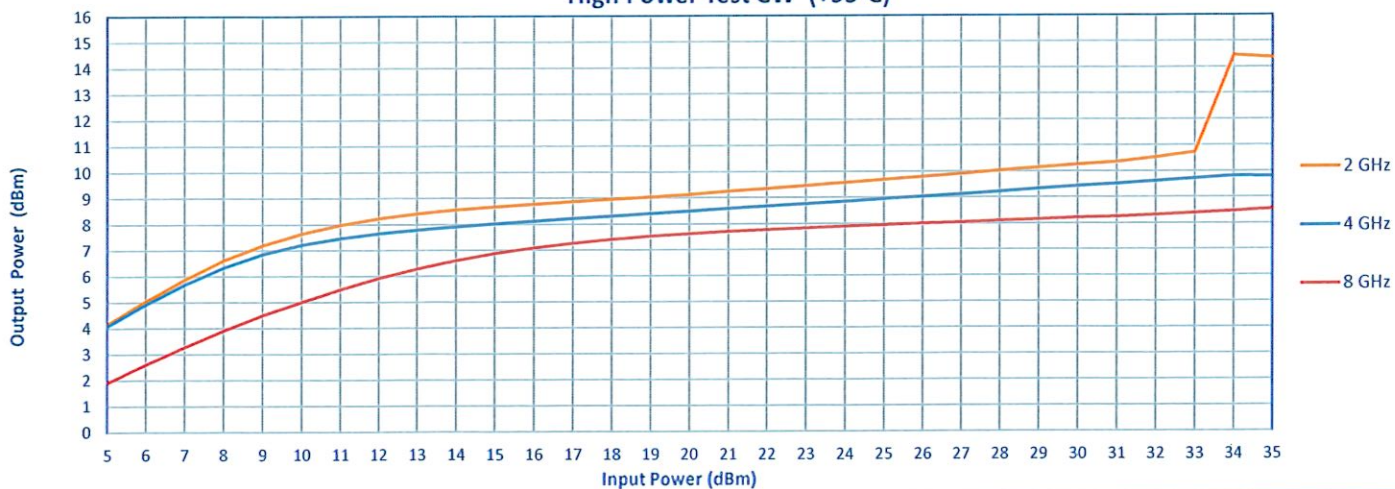
High Power Test CW (+25°C)



High Power Test CW (-55°C)



High Power Test CW (+95°C)



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