

SUMMARY TEST DATA ON LM-0D52-C3-1

Customer: _____
SO No: _____
Model LM-0D52-C3-1
Serial No: PL50944/2503

Tested By: A. Lopez
 Temperature: +25°C
 Date: 1/17/2025
 Drawing No: 27649980 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results			QA QC
			+25°C	+55°C	+95°C	
1	Frequency Range:	0.5 GHz to 2.0 GHz	0.5 to 2.0 GHz	0.5 to 2.0 GHz	0.5 to 2.0 GHz	PMI QA2
2	VSWR	1.5:1 Max.	1.25 :1 See Graph	1.26 :1 See Graph	1.24 :1 See Graph	
3	Insertion Loss:	0.5 dB Max.	0.44 dB See Graph	0.46 dB See Graph	0.39 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:	200 mW Typ. (23 dBm)	+15.08 dBm CW	+15.42 dBm CW	+14.72 dBm CW	PMI QA2
			+16 dBm Pulsed	+16 dBm Pulsed	+16 dBm Pulsed	
			See Graph	See Graph	See Graph	

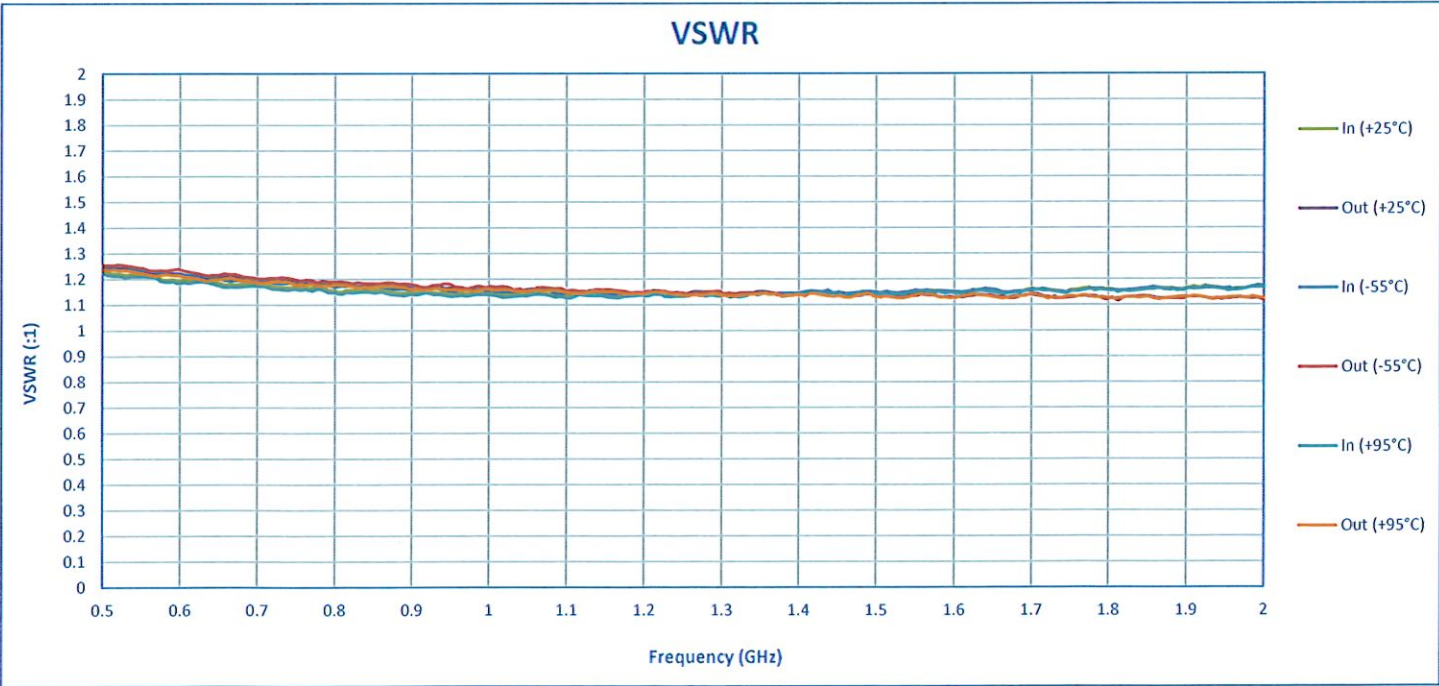
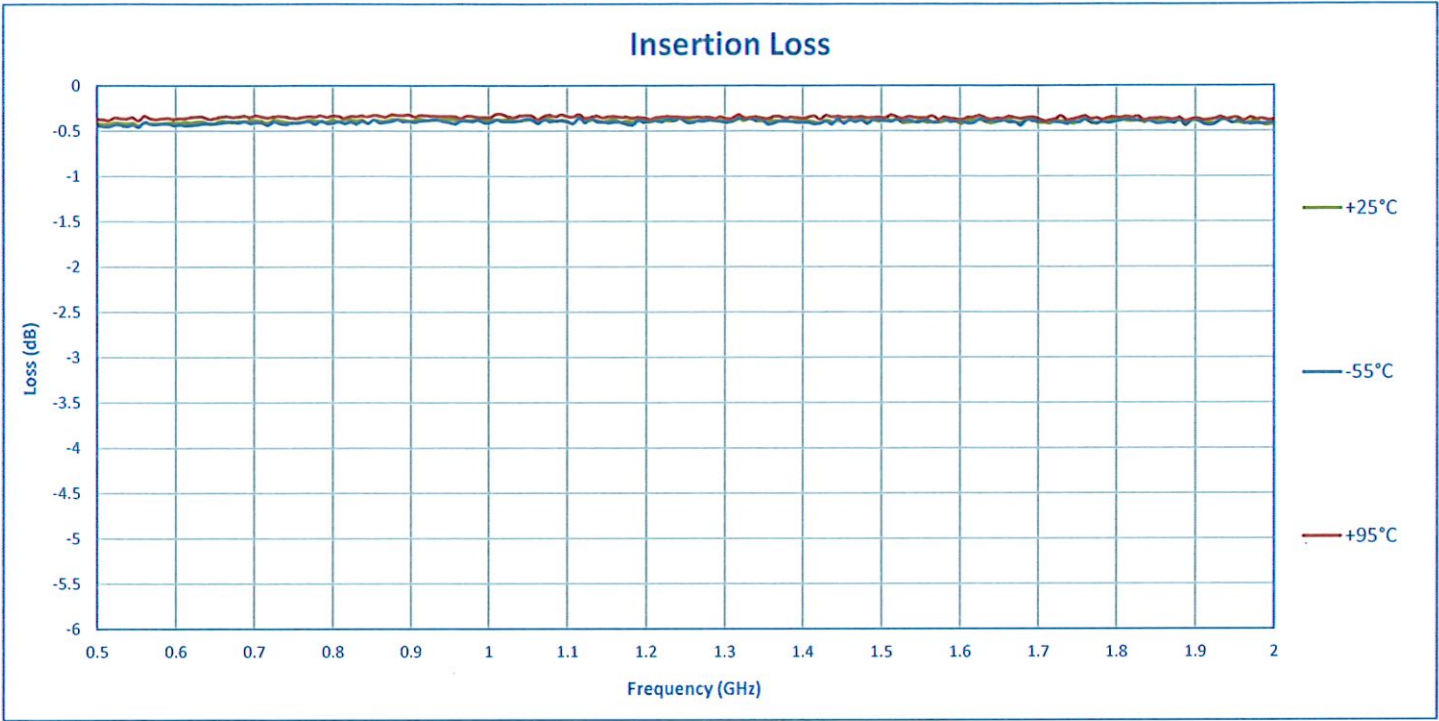
QA/QC Approval:

PMI
QA2

Date:

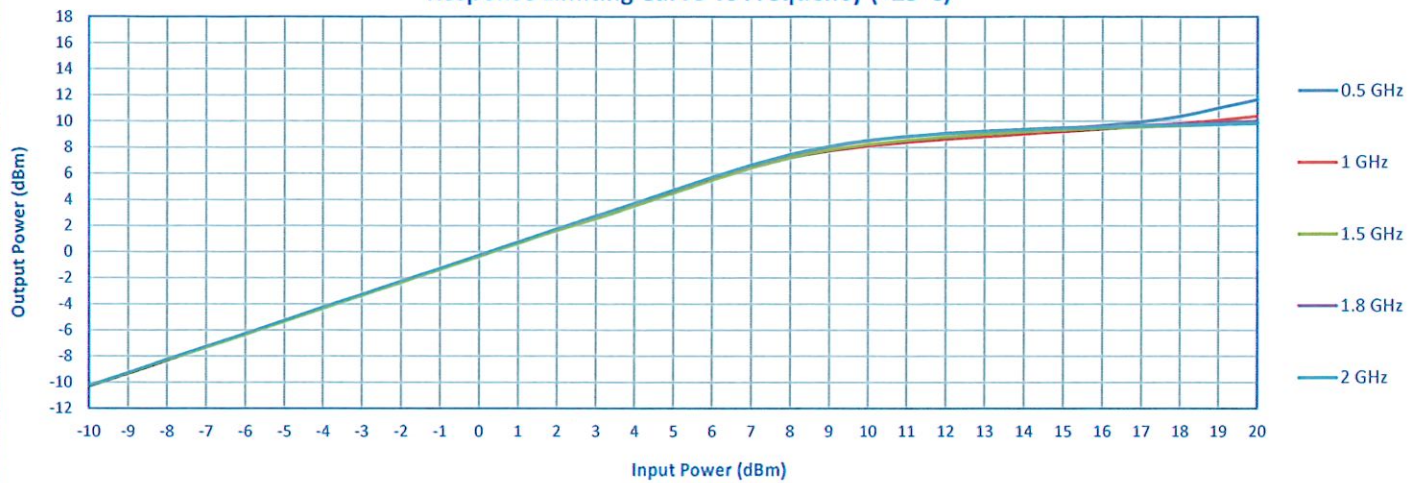
1/23/2025

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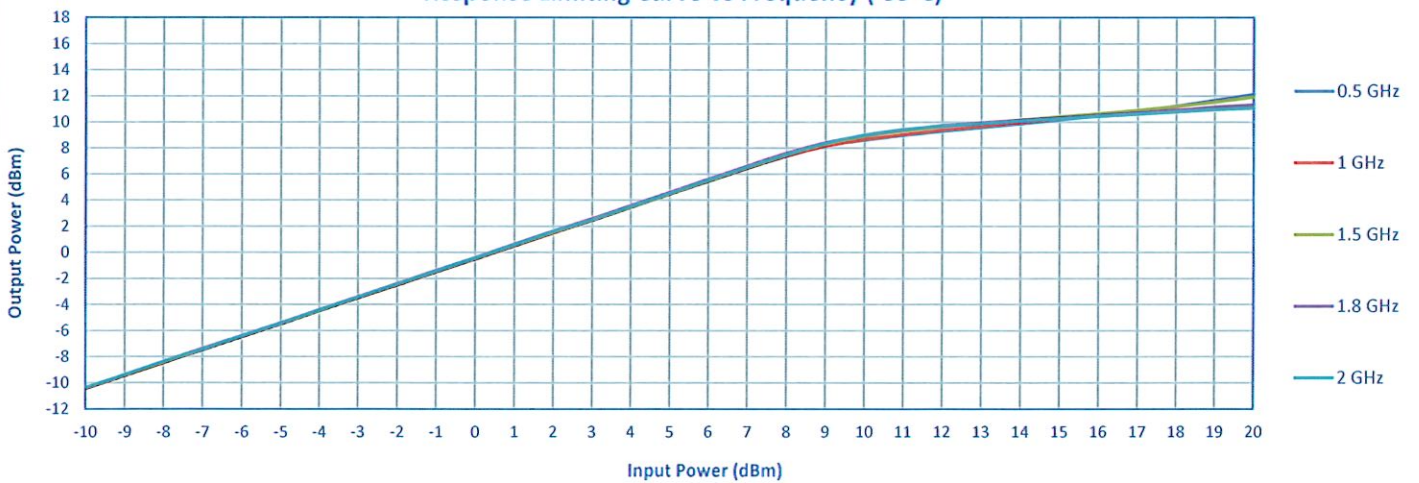


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Response Limiting Curve Vs Frequency (+25°C)



Response Limiting Curve Vs Frequency (-55°C)

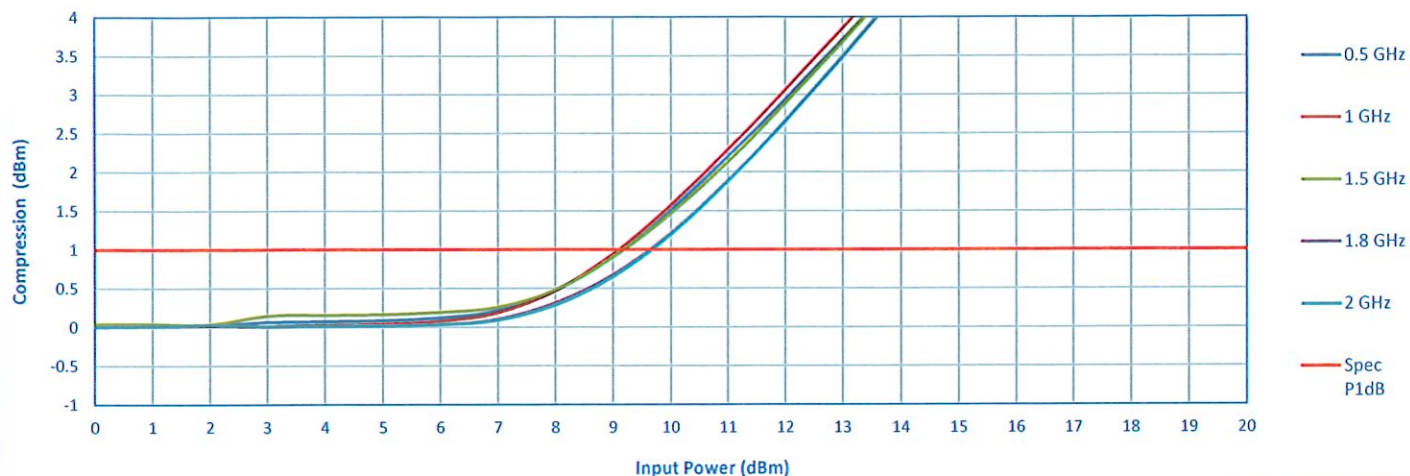


Response Limiting Curve Vs Frequency (+95°C)

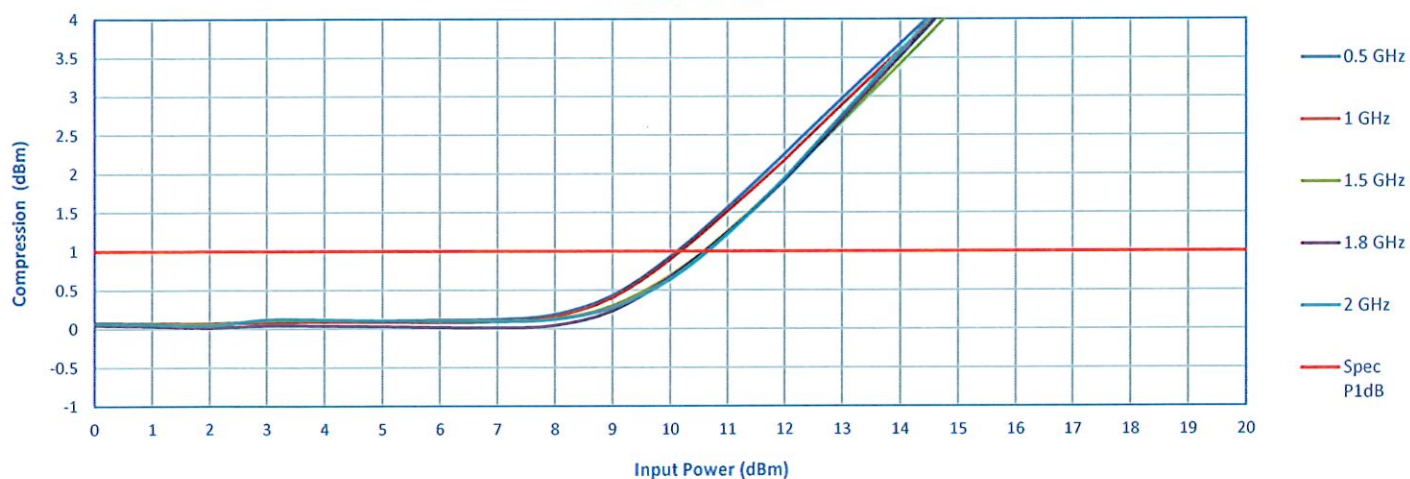


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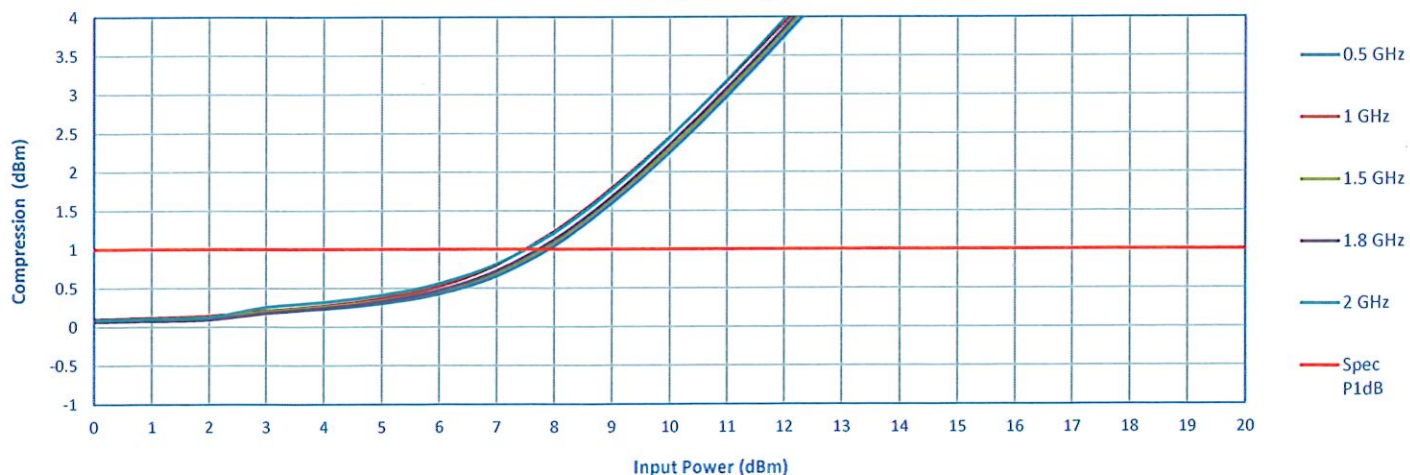
P1dB (+25°C)



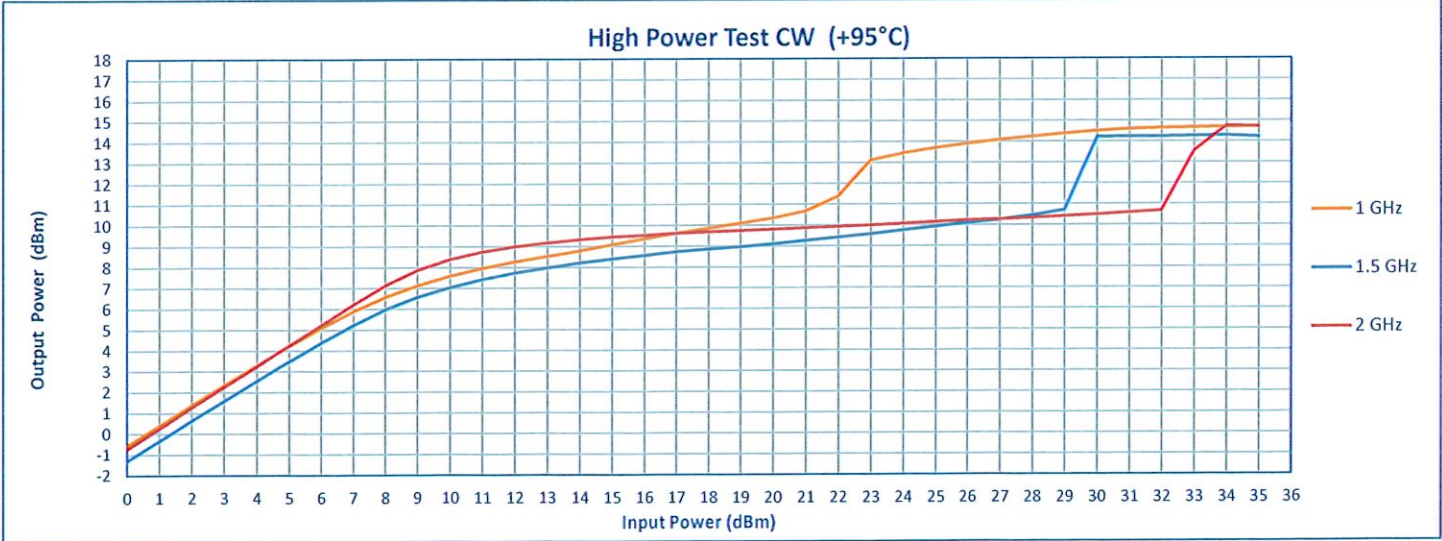
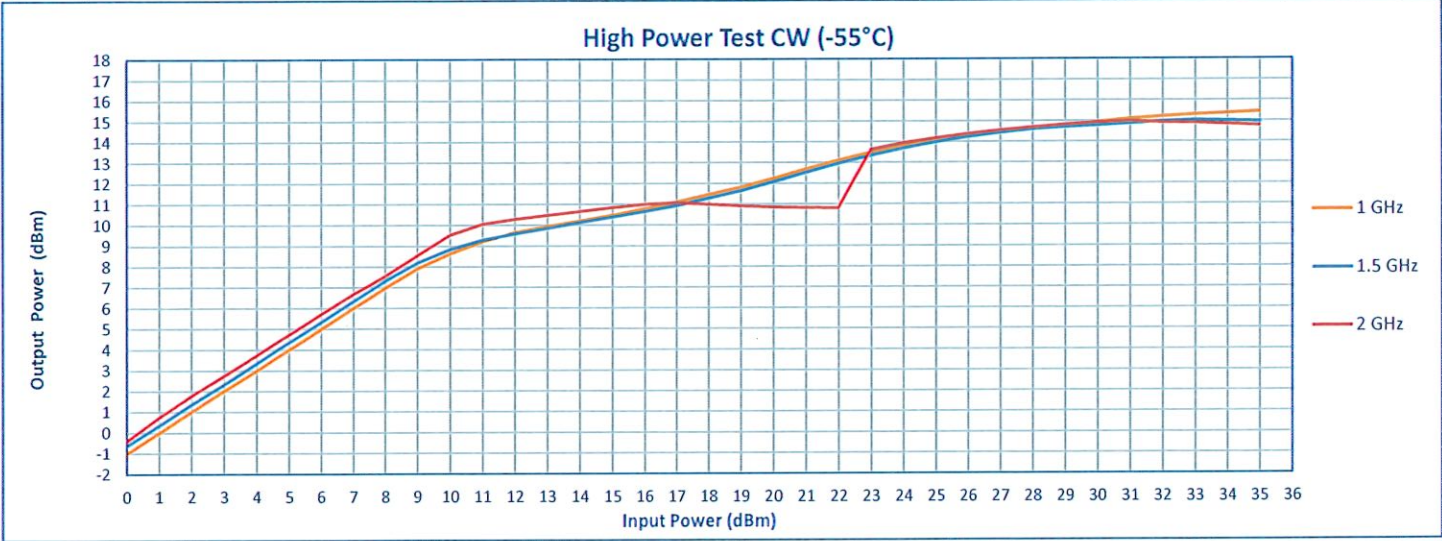
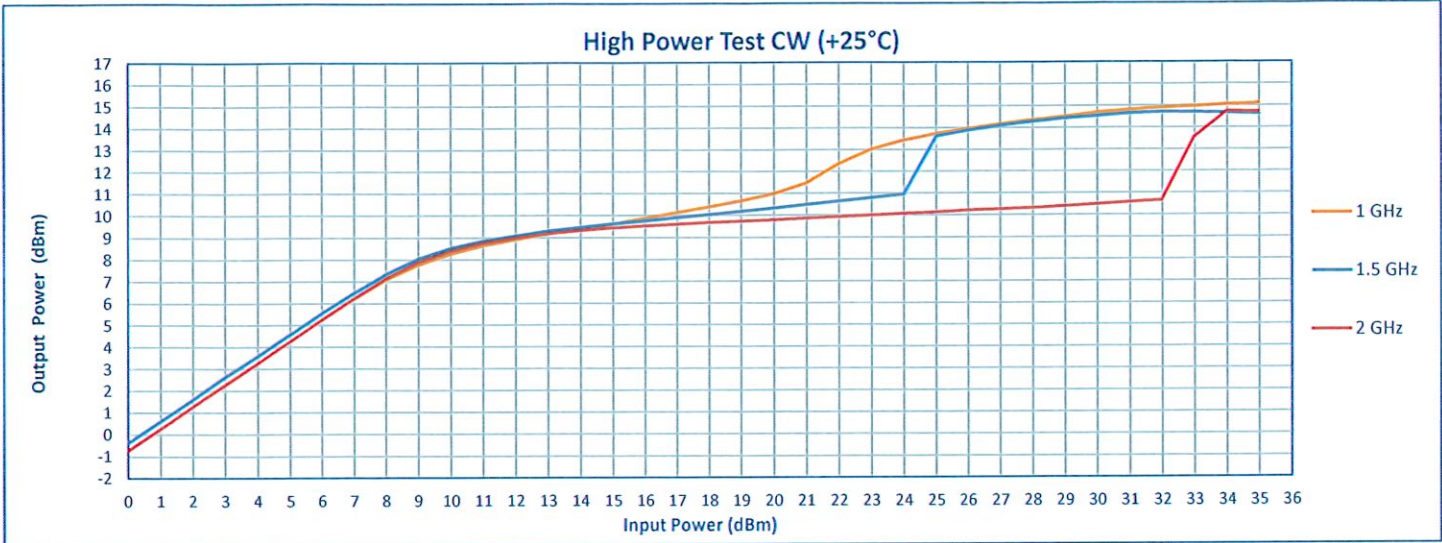
P1dB (-55°C)



P1dB (+95°C)



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