

**SUMMARY TEST DATA
ON
LM-9K18G-16-20W-RAD-FM**

Customer: _____
SO No: _____
Model No: _____
Serial No: **DEMO - PMI**

Tested By: **Alfredo Lopez**
Temperature: **+25°C**
Date: **4/2/2025**
Drawing No: _____ REV: **A1**

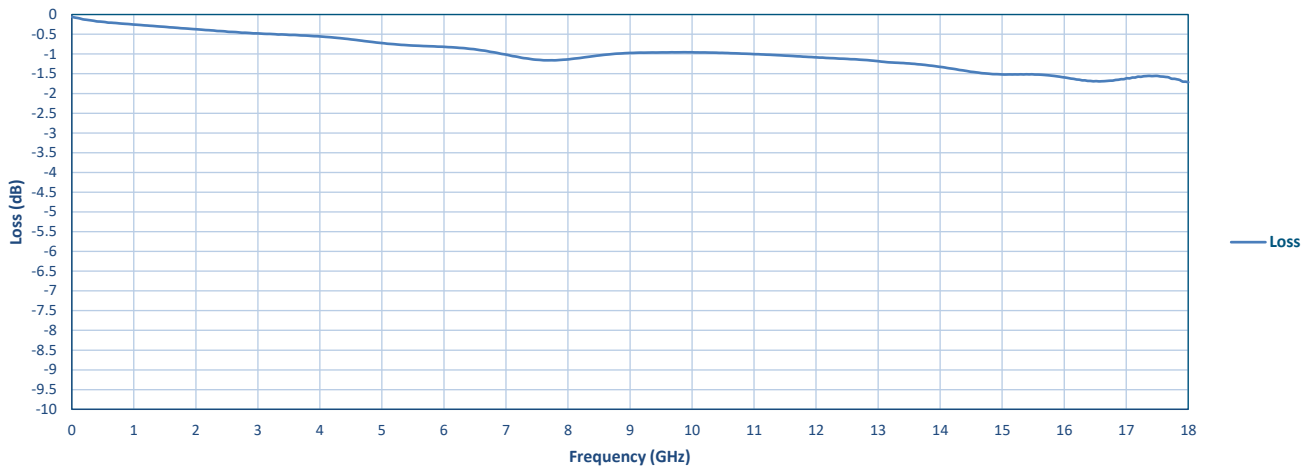
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	9 KHz to 18.0 GHz	9 KHz to 18.0 GHz	
2	Insertion Loss:	2.0 dB Max.	1.71 dB See Graph	
3	Leakage Power:	+17dBm Max.	+14.26 dBm CW Input Power	
			+15 dBm Pulse Input Power	
			See Graphs	
4	Impedance:	50 Ohms	Pass See Typical Characteristics	
5	Recovery Time:	500 ns Max. @ 1000 W Peak Power	490 ns See Plot	
6	VSWR:	2.0:1 Max.	1.78:1 In 1.7:1 Out See Graph	
7	RF Power Handling:	20 W CW Max.	Pass 20 Watts CW (+43 dBm)	
		1 KW Peak Max. (1 μ s PW, 1% DC)	Pass 1 kW Pulse Peak See Graph	
8	Limiting Threshold:	+ 5 dBm Min. (1 dB Compression)	+ 6 dBm See Graph	

QA/QC Approval: _____

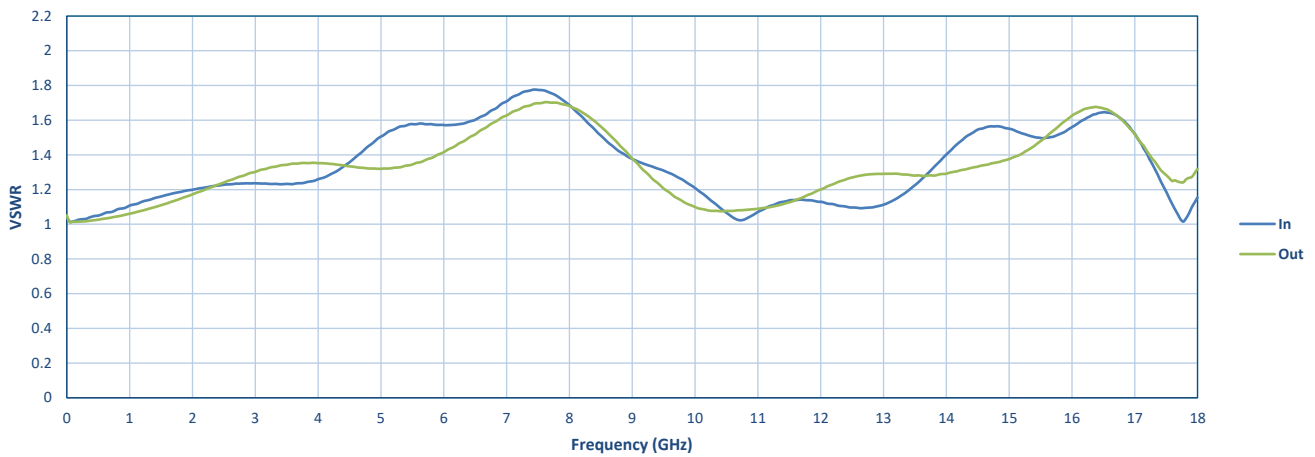
Date: _____

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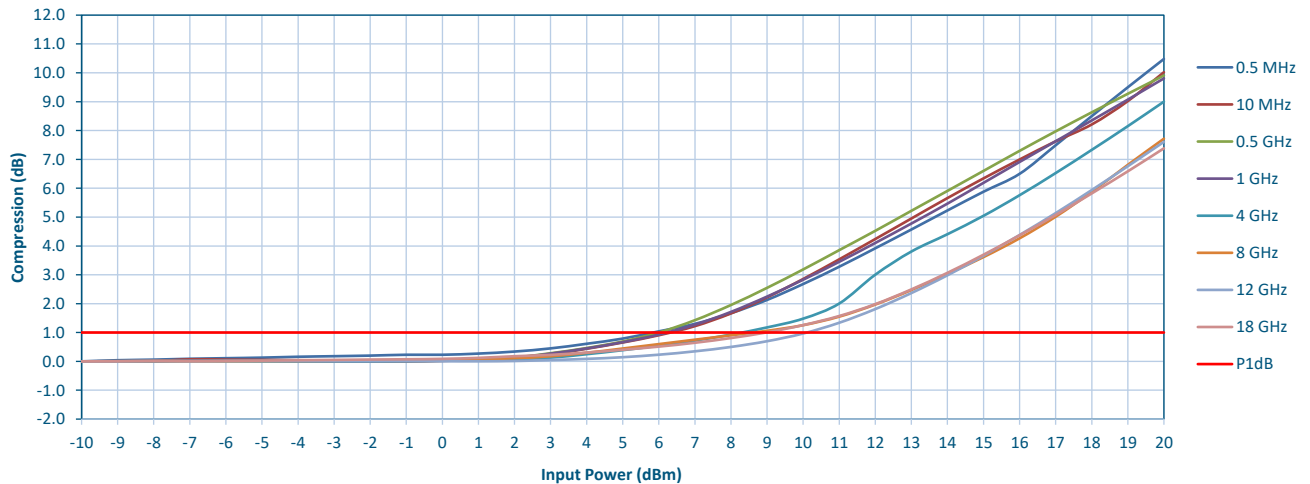
Insertion Loss



VSWR

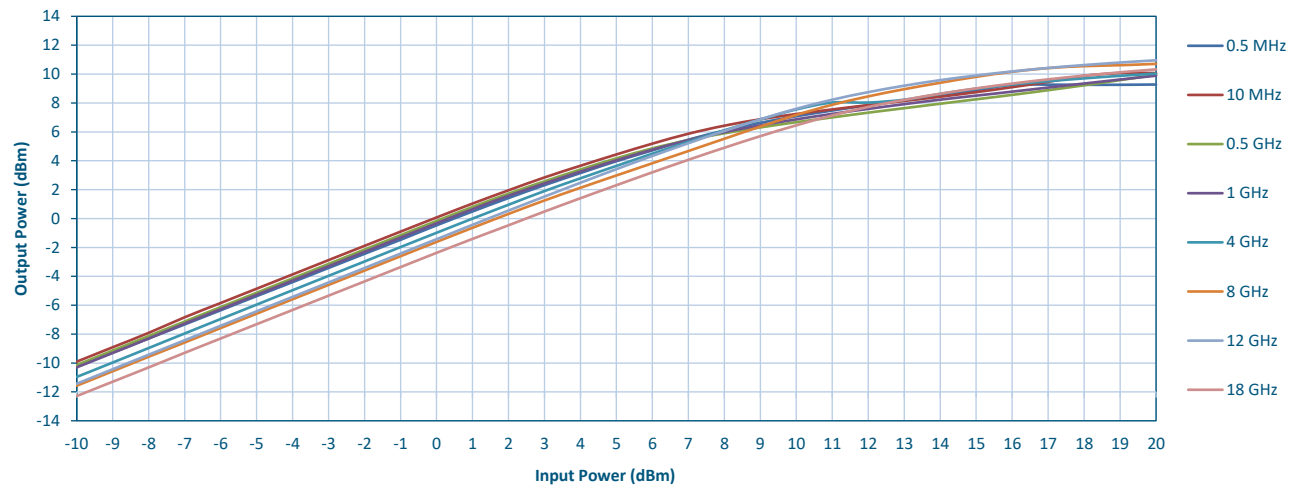


Limiting Threshold (P1dB)

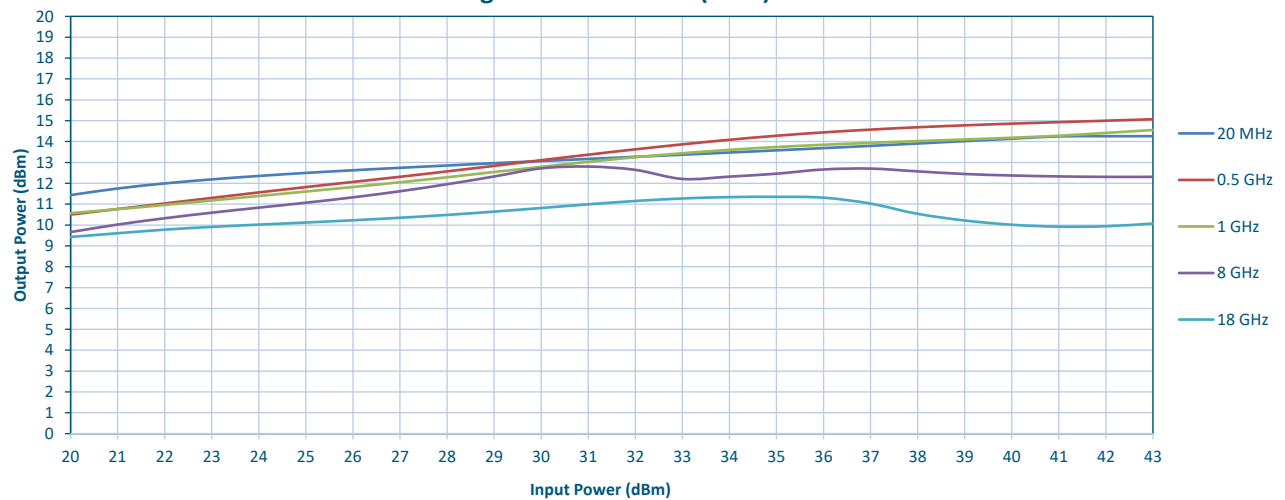


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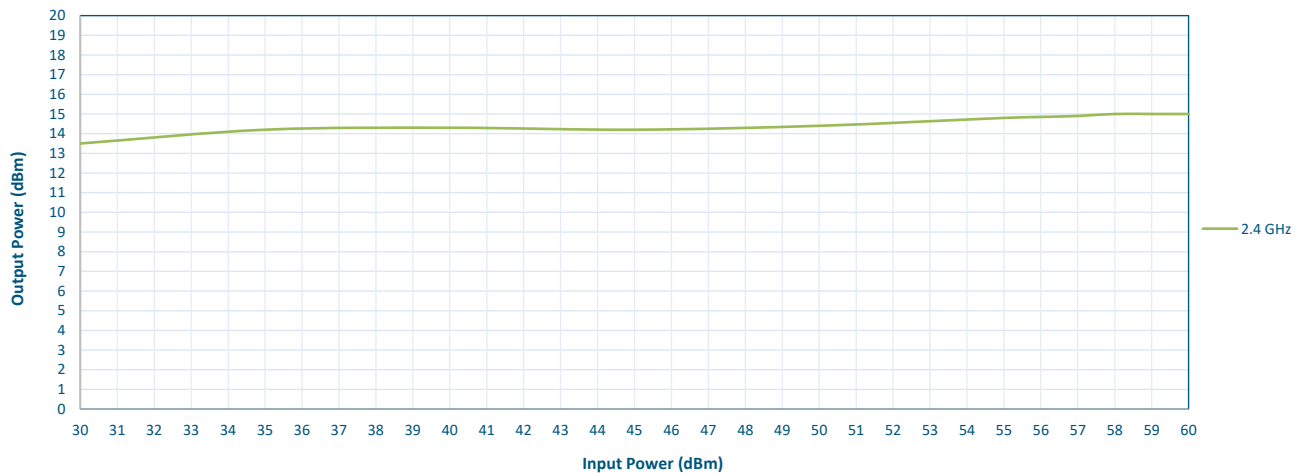
Limiting Input Power Vs Output Power (dBm)



High Power Test CW (dBm)



Peak Power Test 2.4 GHz (1μs PW, Duty Cycle 1%)



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Recovery Time

*Input Power - 1kW
1 μ s PW, 1% Duty Cycle*

Measured value - 490 ns

