

Tested By: L. McGraw
Temperature: +25°C
Date: 3/7/2025
Drawing No: 27646220 REV: A1

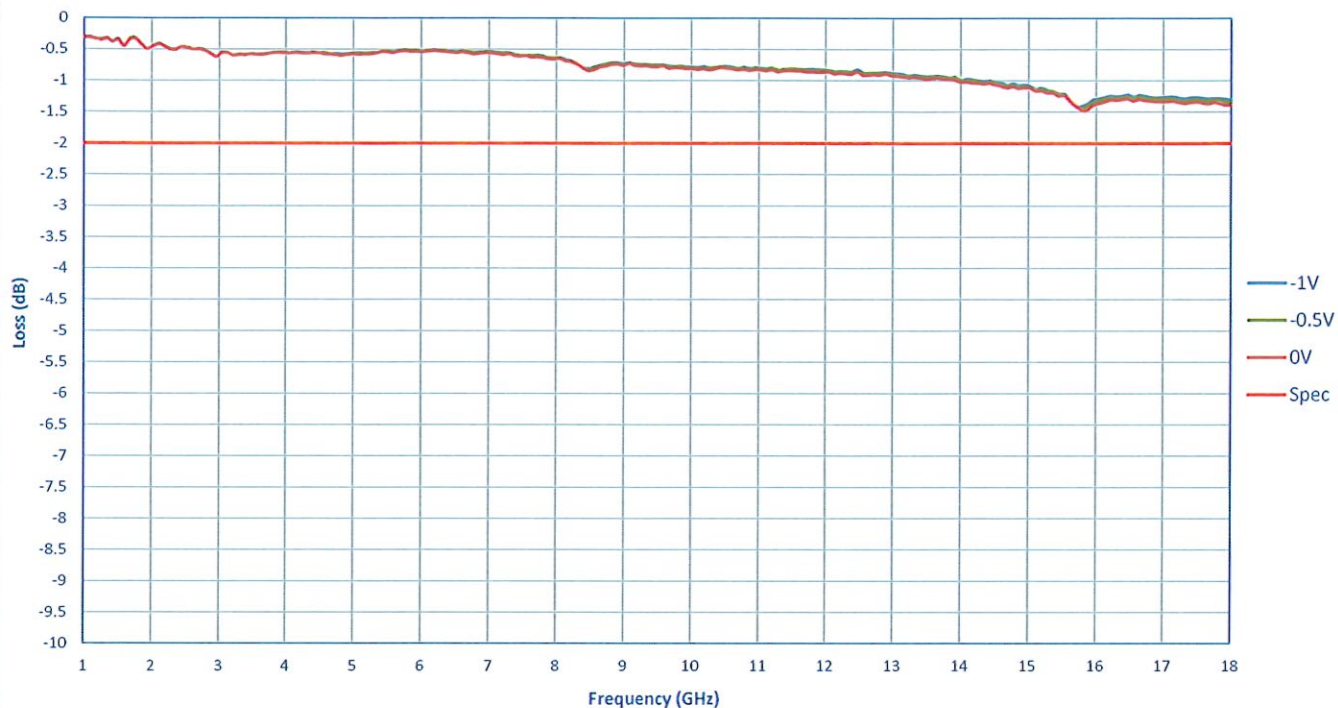
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1 o 18 GHz	1 to 18 GHz	PMI QA2
2	Insertion Loss:	2 dB Max.	1.42 dB (-1V)	
			1.44 dB (-0.5V)	
			1.47 dB (0.V)	
			See Graph	
3	Input/Output VSWR:	2.0:1 Max.	1.49 :1 (-1V)	
			1.48 :1 (-0.5V)	
			1.48 :1 (0V)	
			See Graph	
4	RF Leakage (2W Input):	26.75 dBm Typ (-1V) 24.75 dBm Typ (-0.5V) 23.4 dBm Typ (0V)	Pass See Typical Characteristics	
5	P1dB:	+19 dBm Typ. (-1V) +16 dBm Typ. (0.5V) +11 dBm Typ. (0V)	+19 dBm & -1V	
			+16 dBm & -0.5V	
			+10 dBm & 0V	
			See Graph	
6	Set Voltage Control	-10 to 0 VDC @ 1 mA Max.	0 to -1.0 VDC See Graph	PMI QA2

Date:

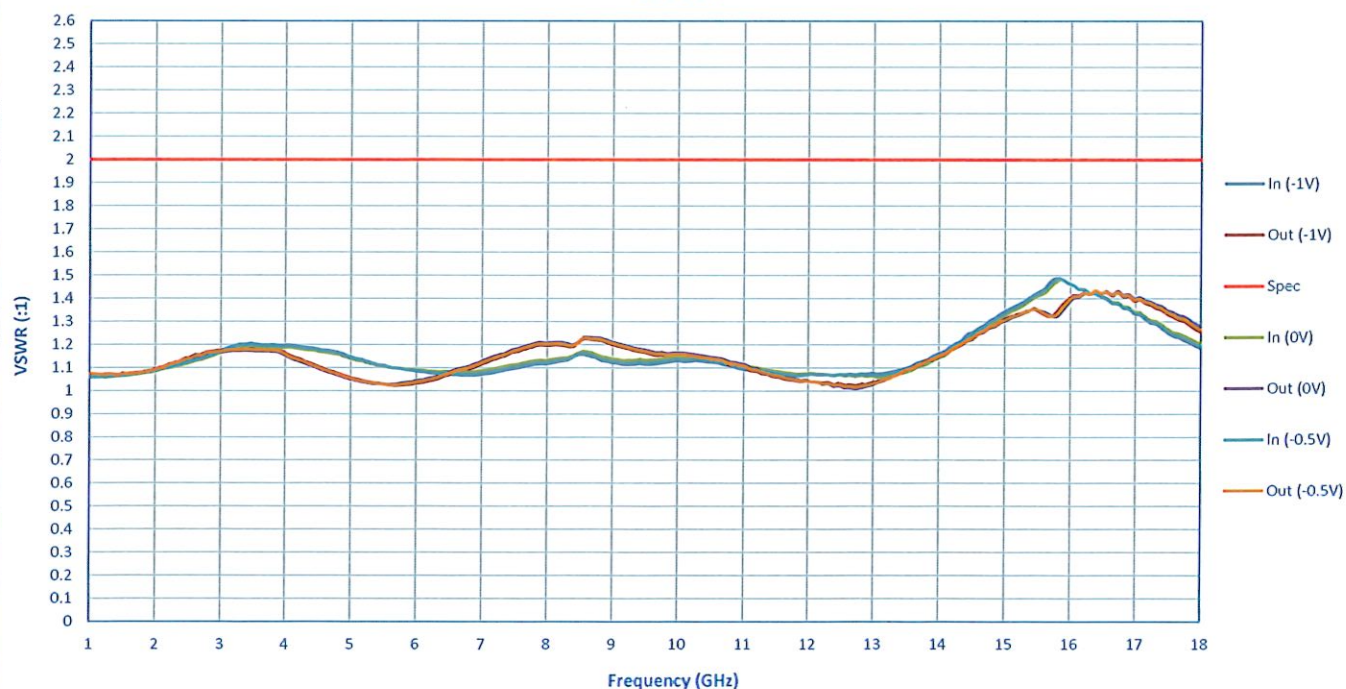
3/27/2025

SUMMARY TEST DATA ON LM-1G18G-2W-SFF-BIAS

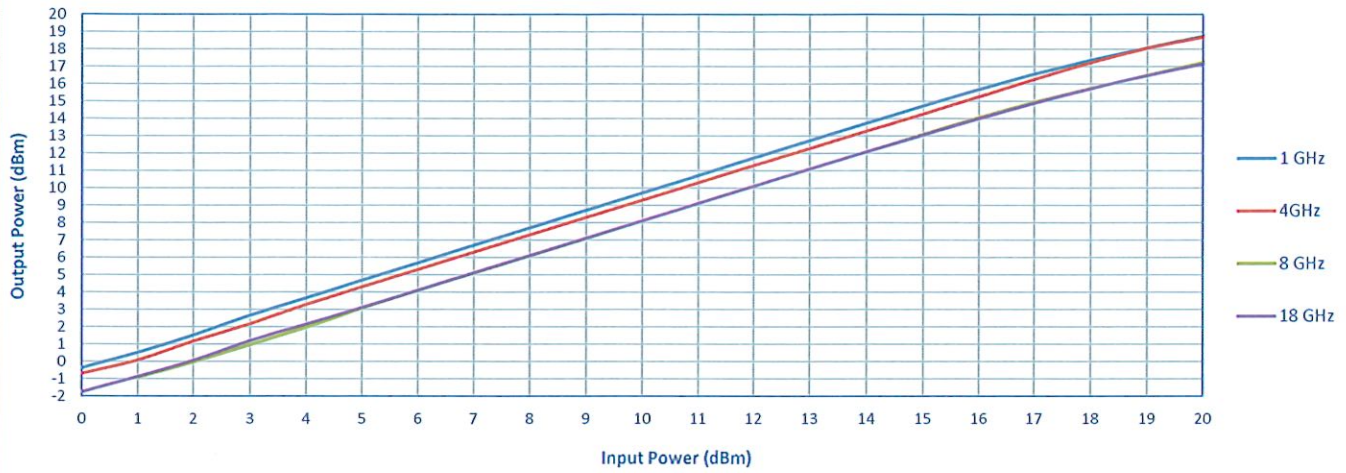
Insertion Loss



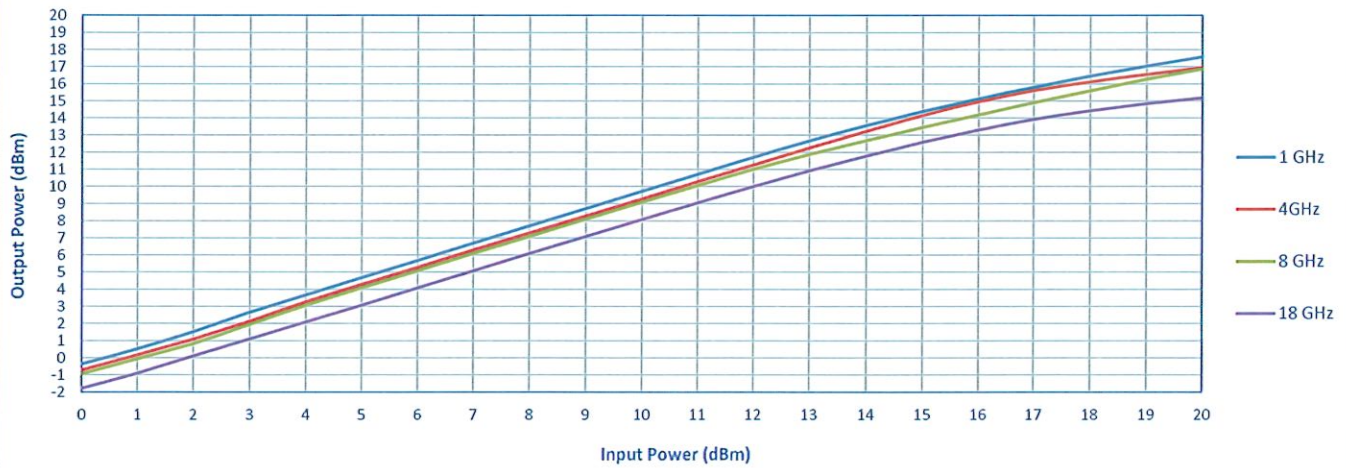
VSWR



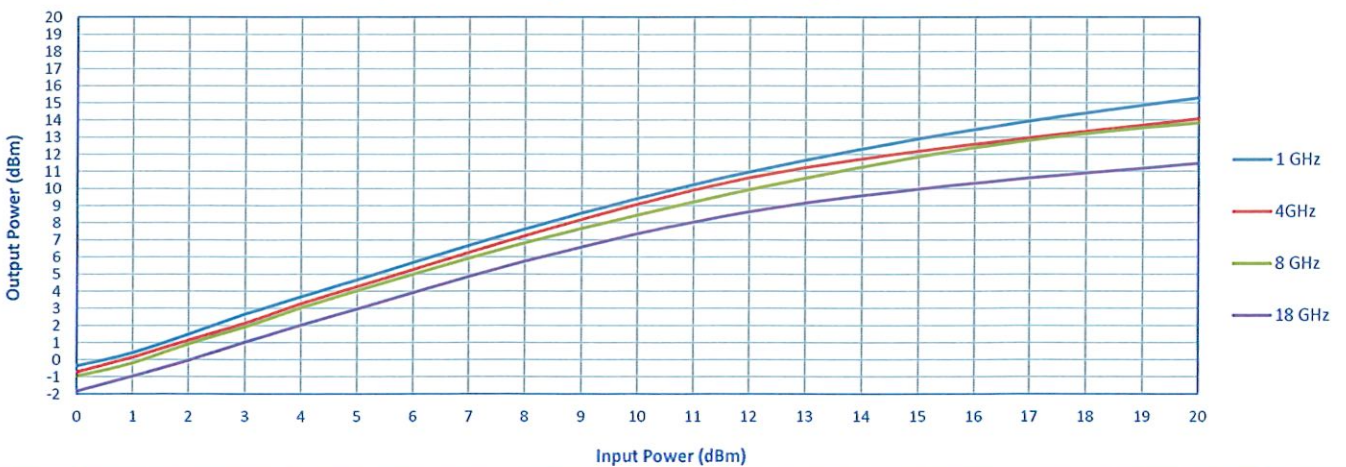
Response Limiting Curve Vs Frequency (-1 VDC Bias)



Response Limiting Curve Vs Frequency (-0.5 VDC Bias)



Response Limiting Curve Vs Frequency (0 VDC Bias)



SUMMARY TEST DATA ON LM-1G18G-2W-SFF-BIAS

