



SUMMARY TEST DATA ON PEC-36-0R518G-4R5-27-15-SFF

Customer: MVG
SO No: _____
Model No: PEC-36-0R518G-4R5-27-15-SFF
Serial No: Unit #1

Tested By: Alfredo Lopez
Temperature: +25°C
Date: 8/4/2026
Drawing No: _____ REV: A1

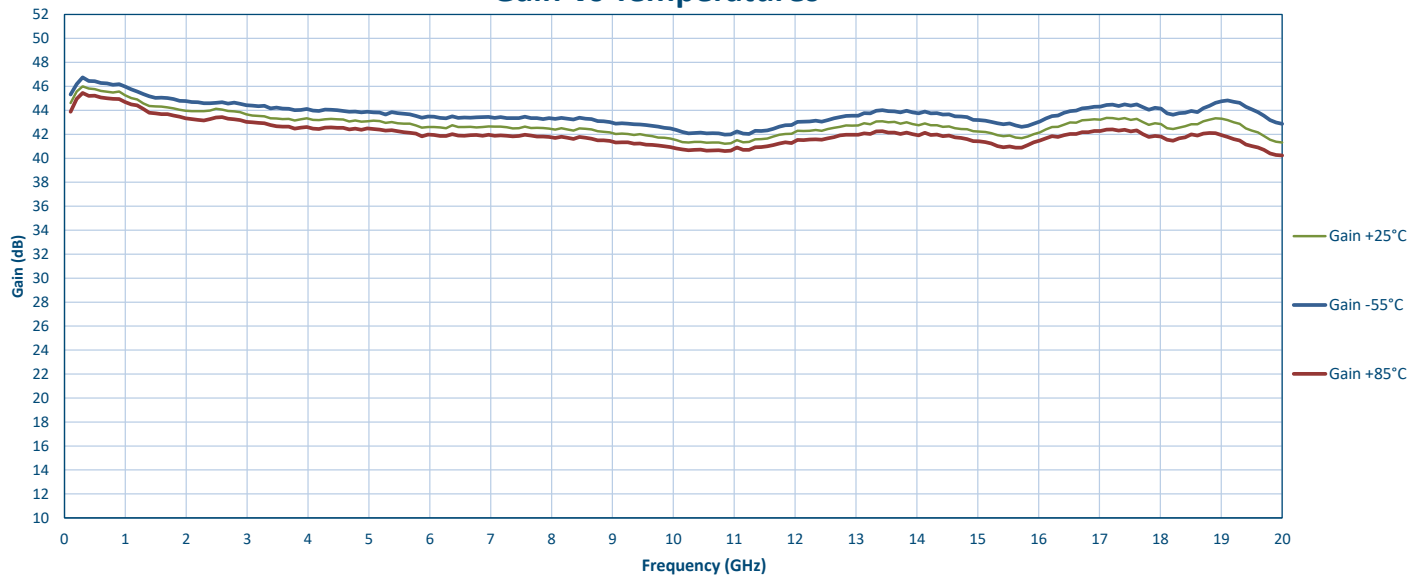
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results			QA QC
			+25°C	-55°C	+85°C	
1	Frequency Range:	0.5 - 18 GHz	0.5 - 18 GHz	0.5 - 18 GHz	0.5 - 18 GHz	
2	Gain:	39 dB Min	+ 45.77 dB Max. + 41.22 dB Min. See Graph	+ 46.44 dB Max. + 41.98 dB Min. See Graph	+ 45.22 dB Max. + 40.6 dB Min. See Graph	
3	Gain Flatness:	±2.5 dB Max	±2.28 dB See Graph	±2.23 dB See Graph	±2.31 dB See Graph	
4	Noise Figure (@+25°C):	4.5 dB Typ. 5.0 dB Max	3.51 dB See Graph	3.37 dB See Graph	3.84 dB See Graph	
5	OP1dB:	+26.5 dBm Min +27.5 dBm Typ.	+ 26.95 dBm See Graph	+ 27.24 dBm See Graph	+ 26.94 dBm See Graph	
6	Psat:	Not specified	+ 28.76 dBm See Graph	+ 28.97 dBm See Graph	+ 28.73 dBm See Graph	
7	Input Power:	+20 dBm	Pass	Pass	Pass	
8	VSWR: (Input/Output)	2.0:1 Max. (Input) 2.2:1 Max. (Output)	1.63 :1 (In)	1.65 :1 (In)	1.62 :1 (In)	
			2.07 :1 (Out)	2.08 :1 (Out)	2.08 :1 (Out)	
			See Graph	See Graph	See Graph	
9	DC Voltage Supply:	+15 VDC @ 850 mA Nom	+15 VDC @ 674 mA	+15 VDC @ 670 mA	+15 VDC @ 678 mA	

QA/QC Approval: _____

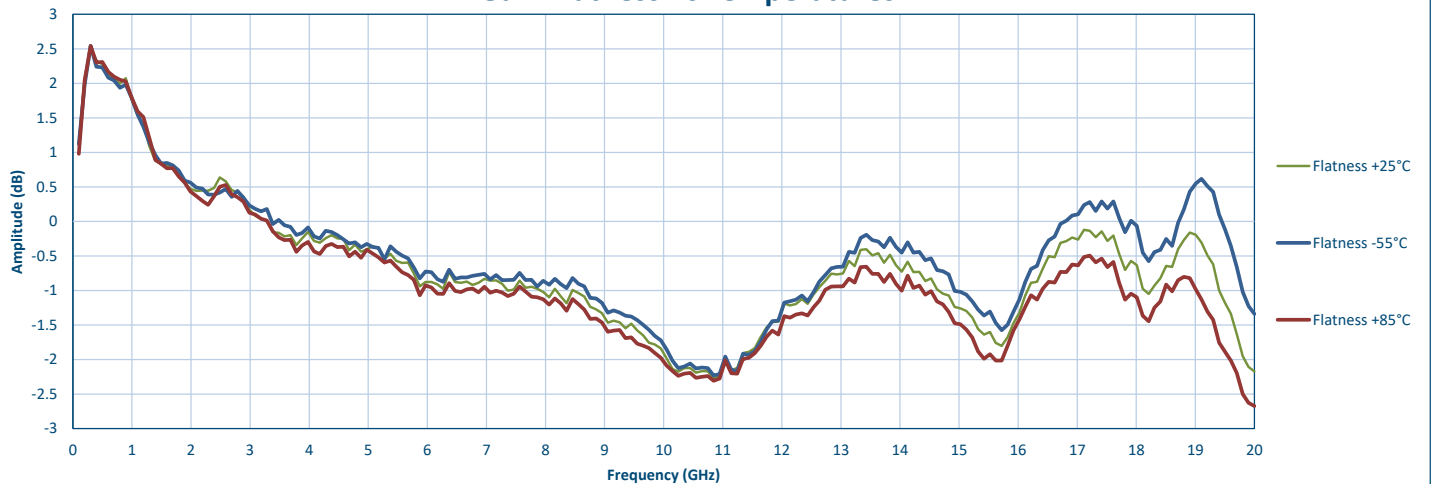
Date: _____

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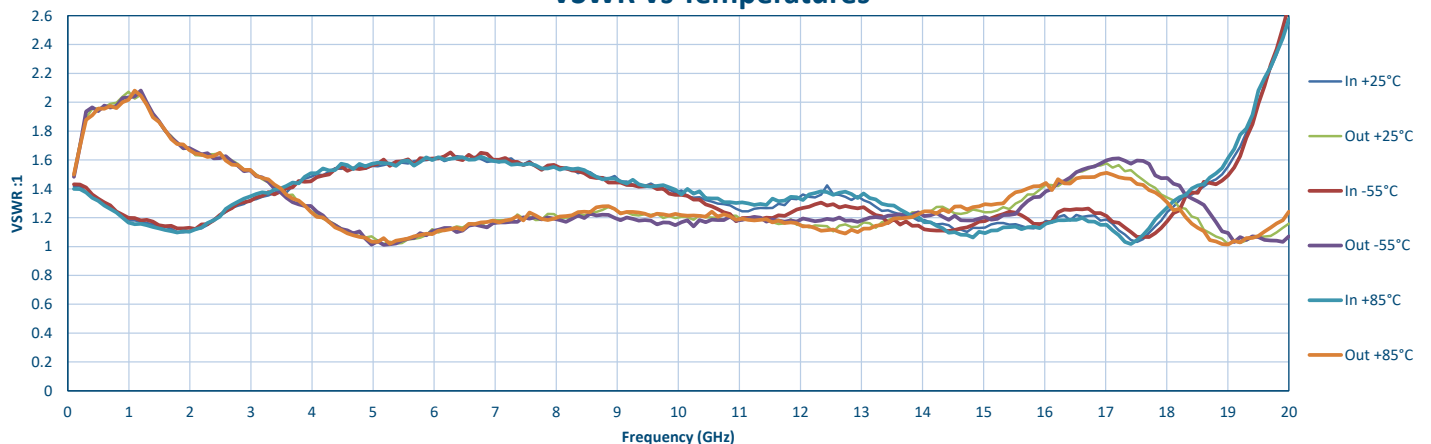
Gain Vs Temperatures



Gain Flatness Vs Temperatures

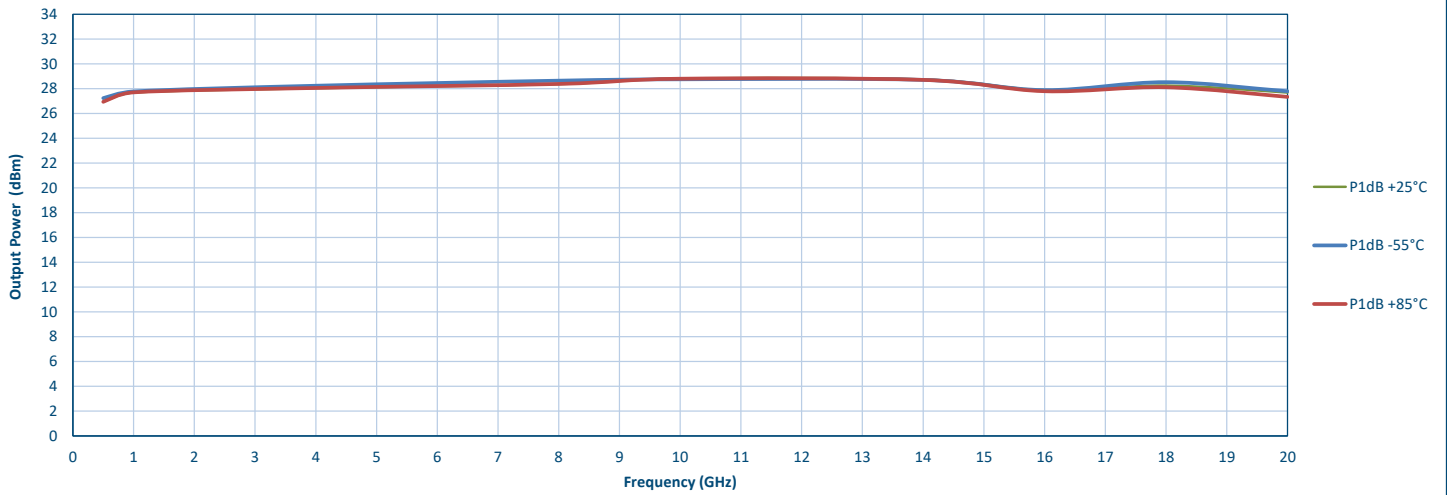


VSWR Vs Temperatures

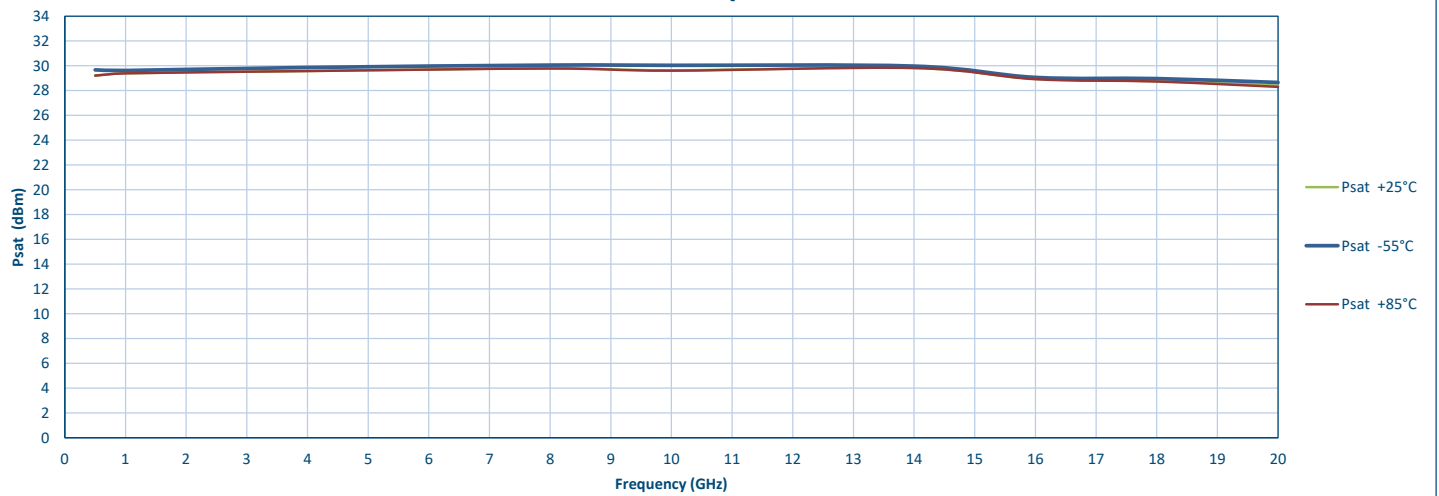


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OP1dB Vs Temperatures



PSAT Vs Temperatures



Noise Figure Vs Temperatures

