

**SUMMARY TEST DATA
ON
PEC-50-500M40G-20-12-292FF-BG**

Customer: _____
 SOno: _____
 Model No: PEC-50-500M40G-20-12-292FF-BG
 Serial No: PL52827/2519

Tested By: Alfredo Lopez
 Temperature: +25°C
 Date: 5/5/2025
 Drawing No: 27640665 REV: B1

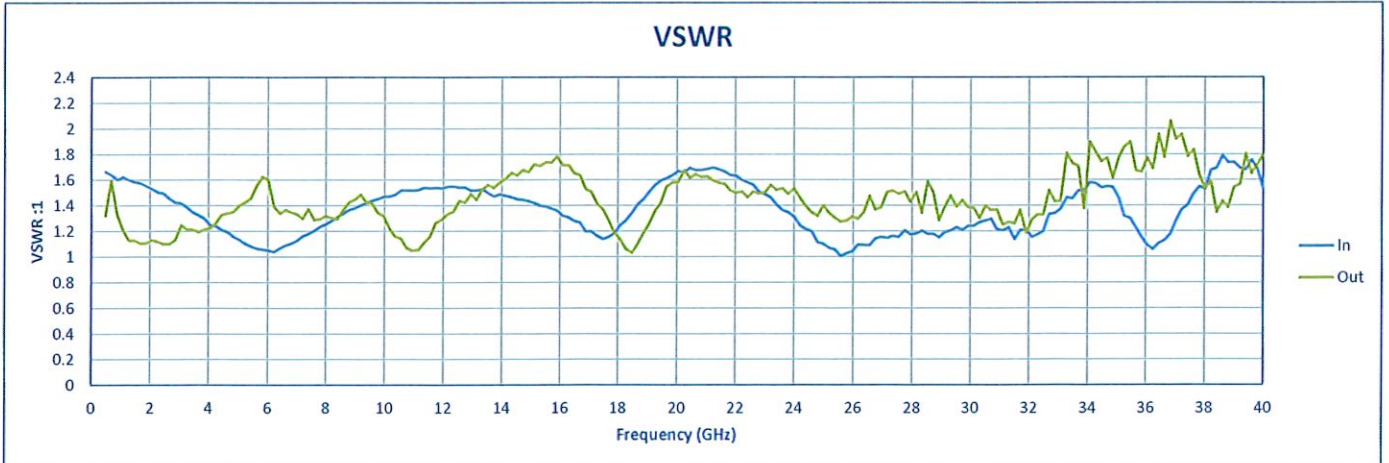
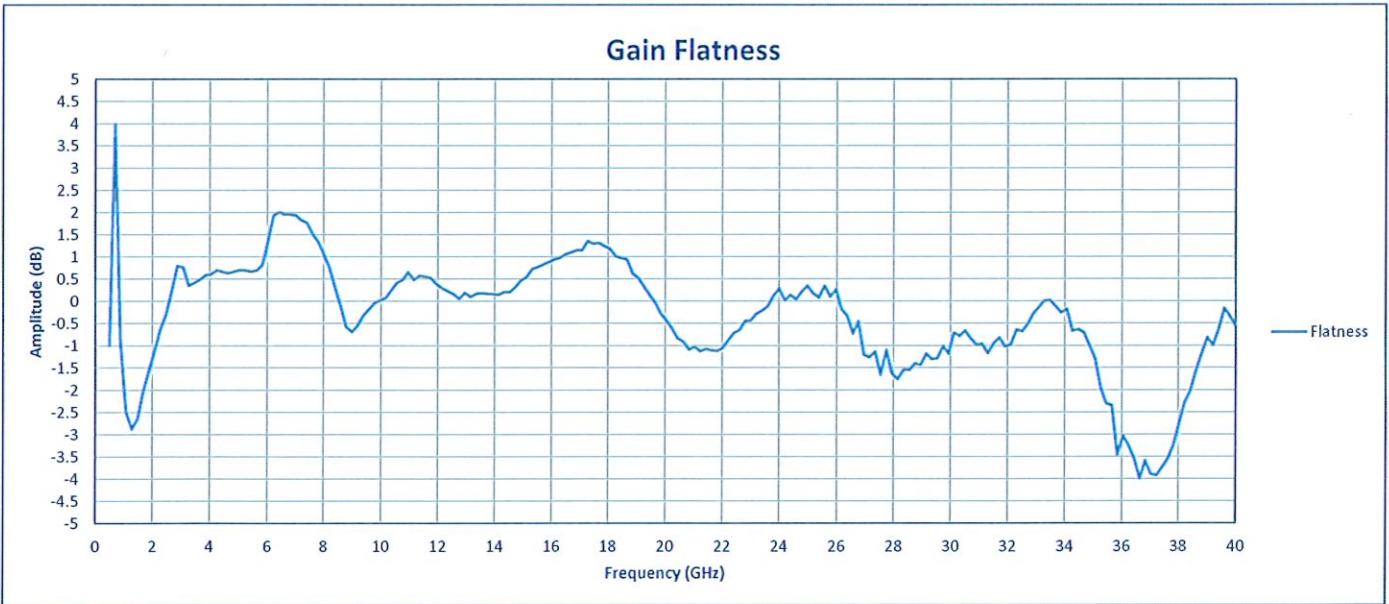
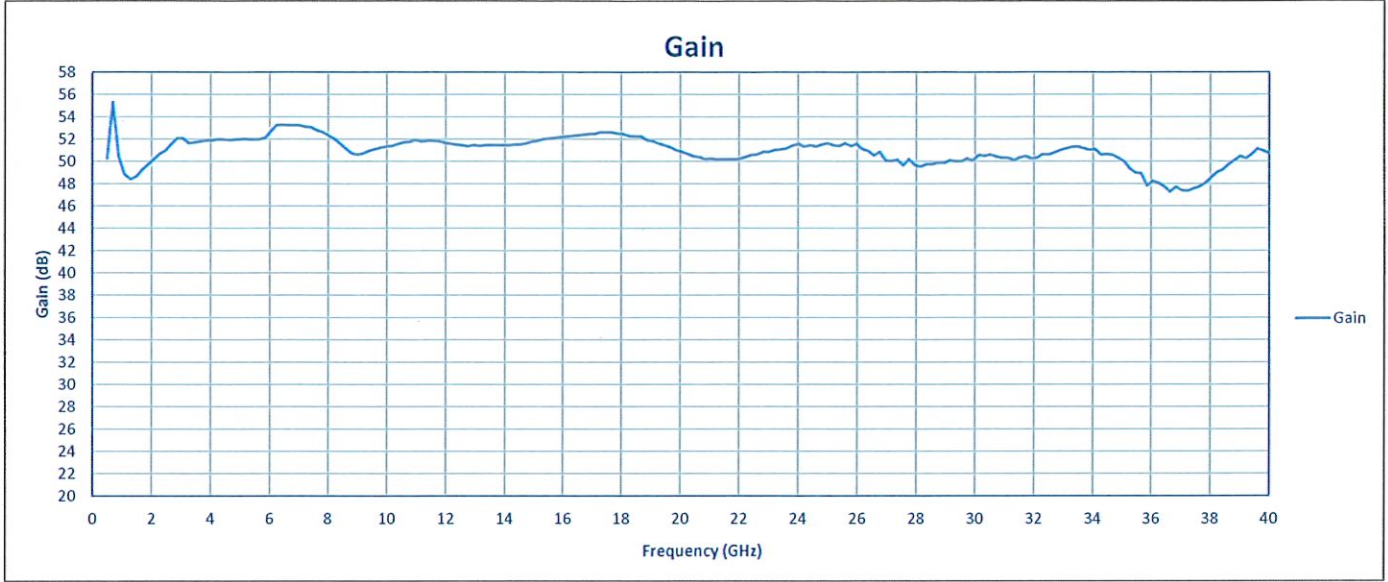
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	500 MHz - 40 GHz	500 MHz - 40 GHz	PMI QA/QC PMI QA/QC
2	Gain:	50 dB Typ.	+ 55.29 dB Max. + 47.3 dB Min. See Graph	
3	Gain Flatness:	±2.5 dB Typ.	3.99 dB See Graph	
4	*Noise Figure:	5.5 dB Typ. (Up to 26.5 GHz)	4.51 dB (0.5 to 26.5 GHz)	
			6.52 dB (26.5 to 40) GHz See Graph	
5	Pout @ 1 dB Compression:	+22 dBm Typ. (1-18 GHz) +19 dBm Typ. (18-40 GHz)	+ 22.78 dBm	
			+ 18.23 dBm See Graph	
6	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	1.79 :1 (In)	
			2.06 :1 (Out) See Graph	
8	Input Power Handling:	+17 dBm CW Max.	Pass See Typical Characteristics	
9	DC Supply:	+12 to +15 VDC @ 600 mA Typ.	+12 to +15 VDC @ 572 mA	

*Up to 26.5 GHz

QA/QC Approval: *Carmen Kelly*

Date: 5/9/25

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