

**SUMMARY TEST DATA
 ON
 PEC-42-500M40G-20-12-292MM**

Customer: _____
 SO No: _____
 Model No: PEC-42-500M40G-20-12-292MM
 Serial No: PL42105/2337

Tested By: K. Mansfield
 Temperature: 25°C
 Date: 9/13/2023
 Drawing No: 27619464 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	500 MHz - 40 GHz	500 MHz - 40 GHz	PMI QA2	
2	Gain:	42 dB Typ.	+37.1 dB Typ. +32.8 dB Min. See Plot		
3	Gain Flatness:	±2.5 dB Typ.	±4.31 dB See Plot		
4	*Noise Figure:	5.5 dB Typ.	3.6 dB See Plot		
5	OP1dB:	+19 dBm Typ. (1-18 GHz) +17 dBm Typ. (18-40 GHz)	+20.3 dBm +18 dBm See Plot		
6	Psat:	+23 dBm Typ. (1-18 GHz) +20 dBm Typ. (18-40 GHz)	+22.9 dBm +21.7 dBm See Plot		
7	Input Power Handling:	+17 dBm CW Max.	See Typical Characteristics		
8	VSWR: (Input/Output)	2.0:1 / 2.5:1 Max.	1.91:1 In 2.04:1 Out See Plot		
9	DC Supply:	+12 to +15 VDC @ 450 mA Nom.	412 mA		PMI QA2

*Up to 26.5 GHz

QA/QC Approval: _____

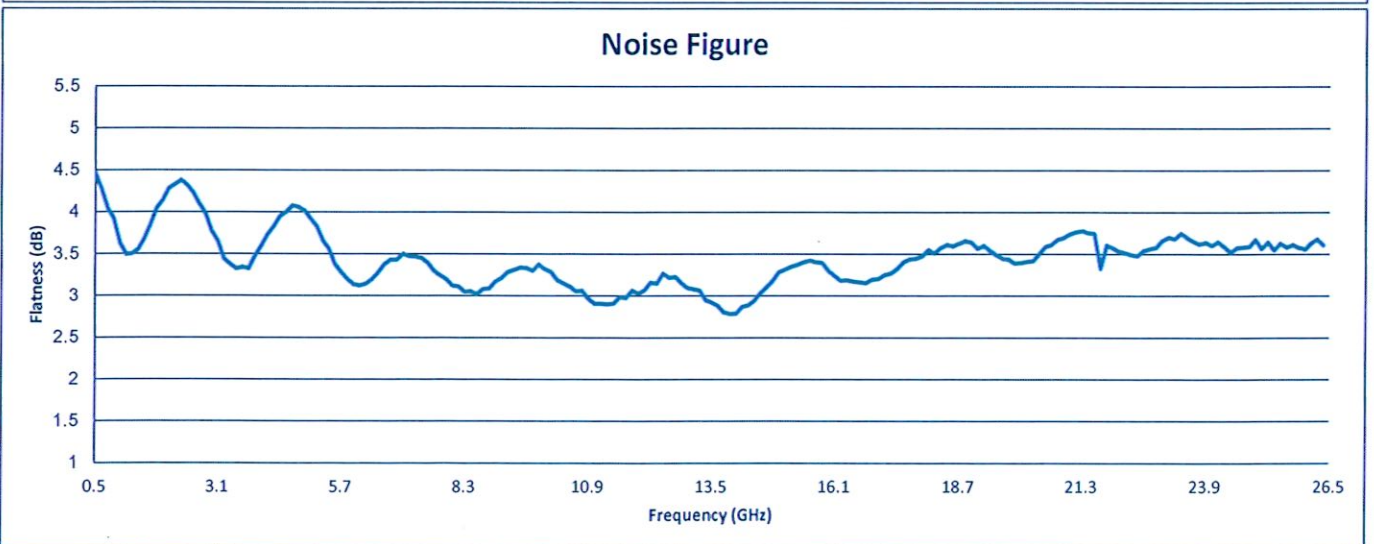
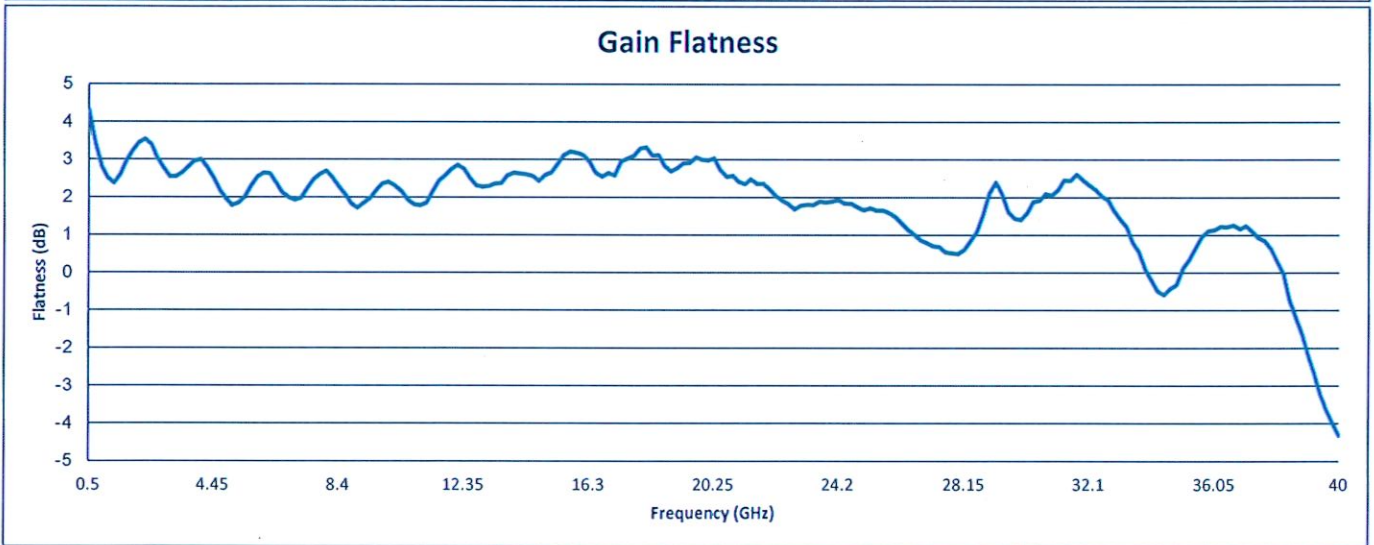
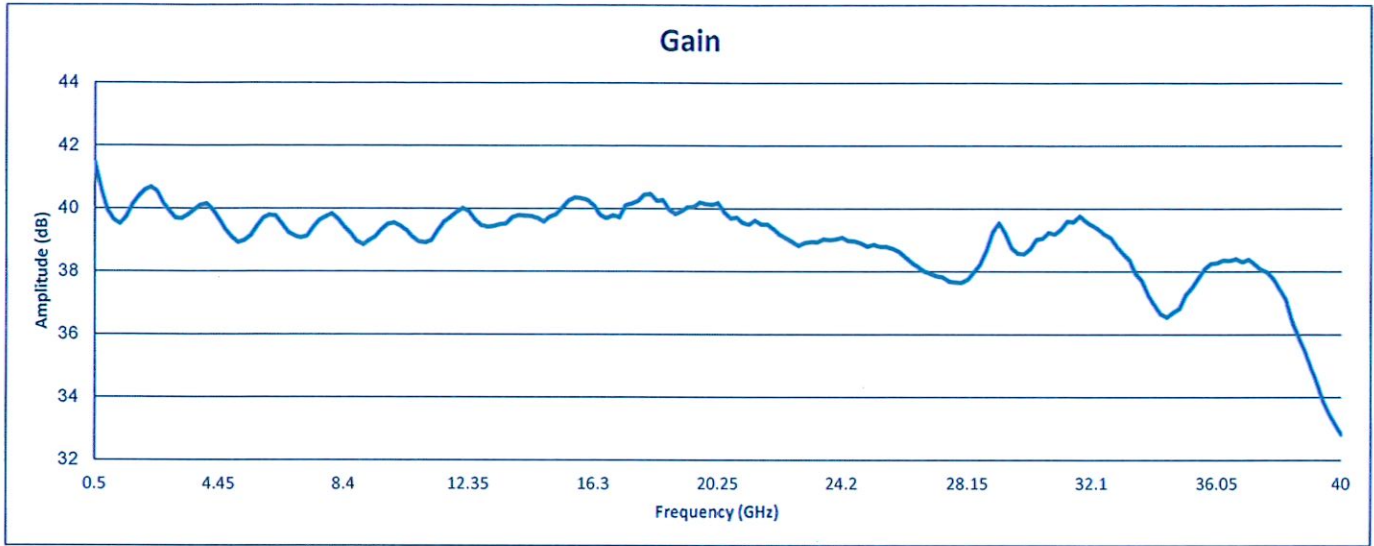
[Handwritten Signature]

PMI
QA2

Date: _____

9/20/2023

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