

**SUMMARY TEST DATA
ON
PEC-30-500M40G-20-12-292FF**

Customer: _____
SO No: _____
Model No: PEC-30-500M40G-20-12-292FF
Serial No: PL39535/2307

Tested By: K. Mansfield
Temperature: +25° C
Date: 2/17/2023
Drawing No: 27632862 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.5 GHz - 40 GHz	0.5 GHz - 40 GHz	PMI QA2
2	Gain:	30 dB Typ.	+25.7 dB Max. +20.2 dB Min. See Plot	
3	Gain Flatness:	±2.5 dB Typ.	±2.75 dB See Plot	
4	Noise Figure:	5.5 dB Typ. Up to 20 GHz	4.8 dB See Plot	
5	OP1dB:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+19.5 dBm (0.5-18 GHz) +16.5 dBm (18-40 GHz) See Plot	
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+23.5 dBm (0.5-18 GHz) +21.3 dBm (18-40 GHz) See Plot	
7	Input Power Handling:	+17 dBm CW Max.	See Typical Characteristics	
8	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	1.92:1 In 2.21:1 Out See Plot	
9	DC Supply:	+12 to +15 VDC @ 350 mA Nominal	+12 to +15 VDC @ 297 mA	PMI QA2

QA/QC Approval: _____

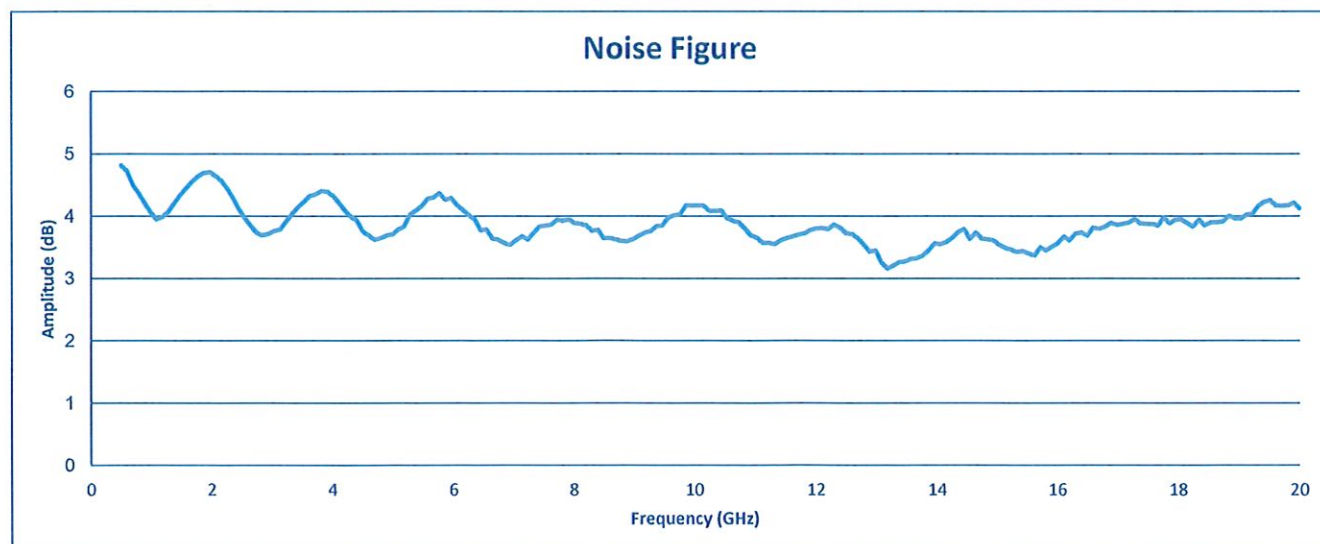
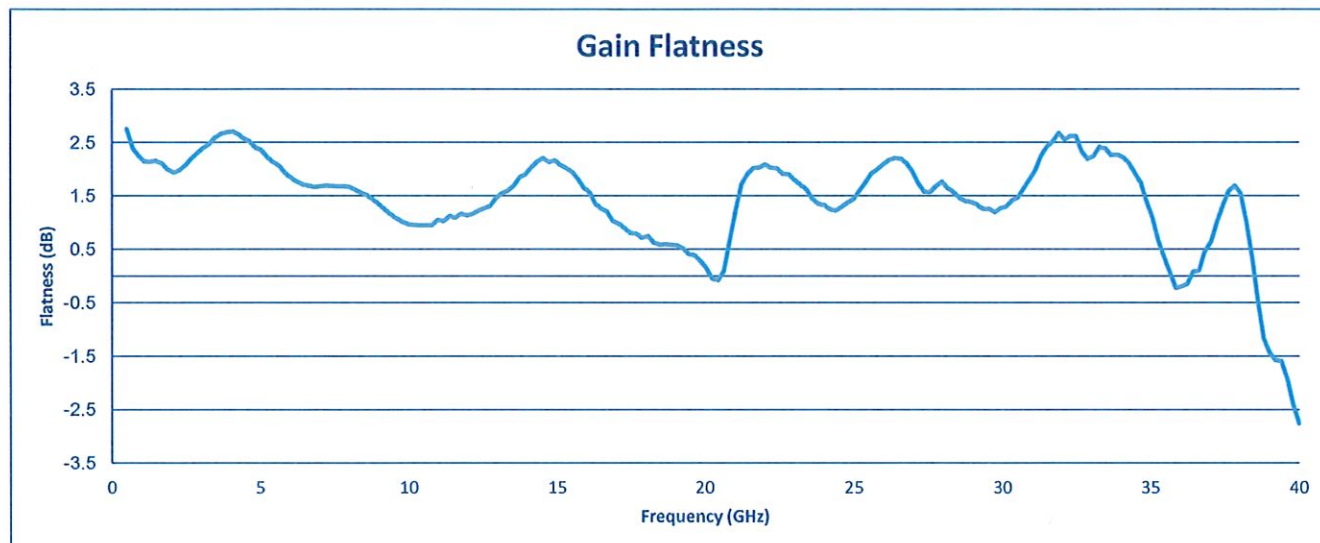
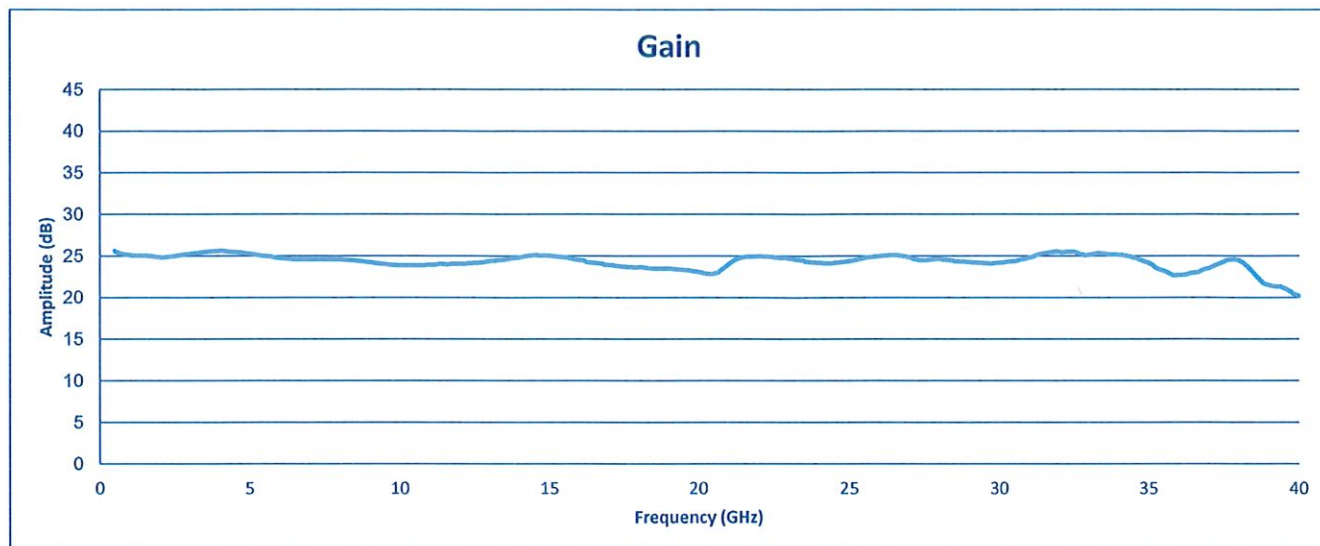
[Handwritten Signature]

PMI
QA2

Date: _____

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