



**SUMMARY TEST DATA  
ON  
PEC-25-500M40G-20-12-292FF-OPT125**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-25-500M40G-20-12-292FF-OPT125  
 Serial No: PL25630/1921

Tested By: K. Mansfield  
 Temperature: +25°C  
 Date: 5/24/2019  
 Drawing No: 27635780 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1.0 GHz - 25 GHz	1.0 GHz - 25 GHz	PMI QA 1
2	Gain:	25 dB Typ.	27 dB Max. 25 dB Typ. 23.1 dB Min. See Plot	
3	Gain Flatness:	±2.5 dB Max.	±1.96 dB See Plot	
4	Noise Figure:	5.5 dB Typ.	4.9 dB See Plot	
5	OP1dB:	+19 dBm Typ. (1.0-18 GHz) +17 dBm Typ. (18-25 GHz)	+18.7 dBm Typ. (1.0-18 GHz) +18 dBm Typ. (18-25 GHz) See Plot	
6	Psat:	+23 dBm Typ. (1.0-18 GHz) +20 dBm Typ. (18-25 GHz)	+21.9 dBm Typ. (1.0-18 GHz) +20.6 dBm Typ. (18-25 GHz) See Plot	
7	VSWR: (Input/Output)	2.0:1 / 2.5:1 Max.	2:1 In 1.9:1 Out See Plot	
8	Input Power Handling:	+17 dBm CW Max.	Pass	
9	DC Supply:	+12 to +15 VDC @ 350 mA Nominal	+12 to +15 VDC @ 243 mA	

QA/QC Approval: \_\_\_\_\_

PMI  
QA 1

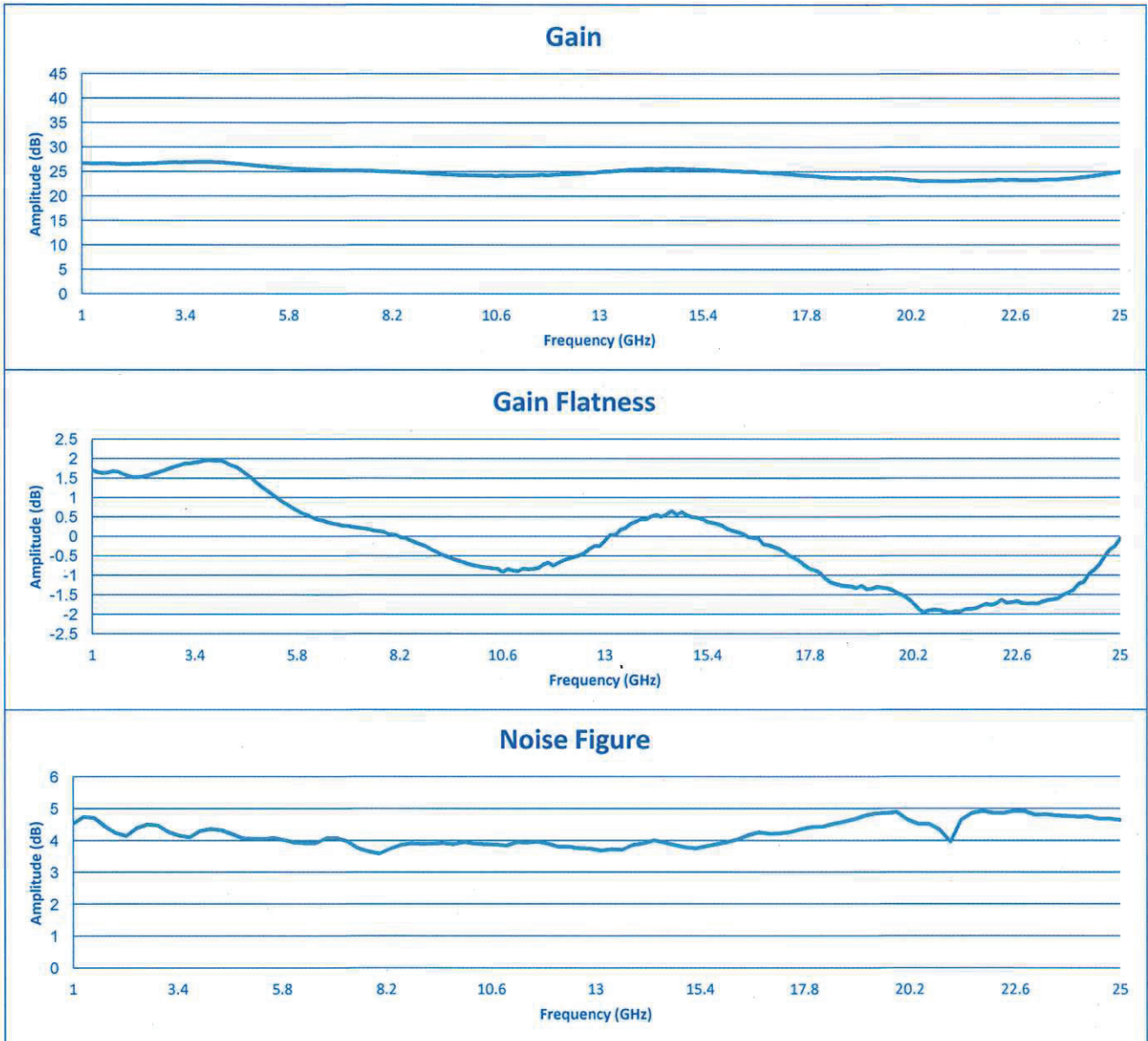
Date: \_\_\_\_\_

5/24/19



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