



**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: PL25411/1915

Tested By: K. Mansfield  
 Temperature: +25°C  
 Date: 4/12/2019  
 Drawing No: 27635780 REV: A1

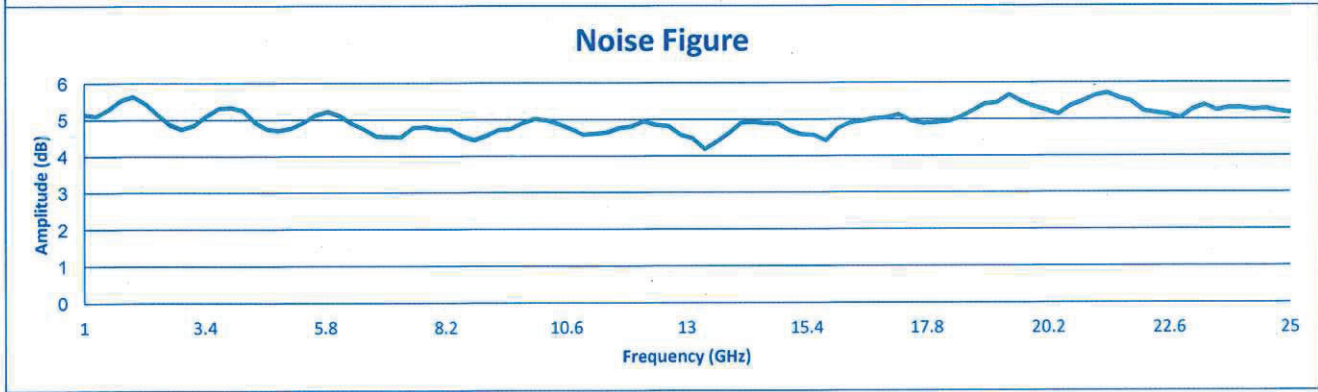
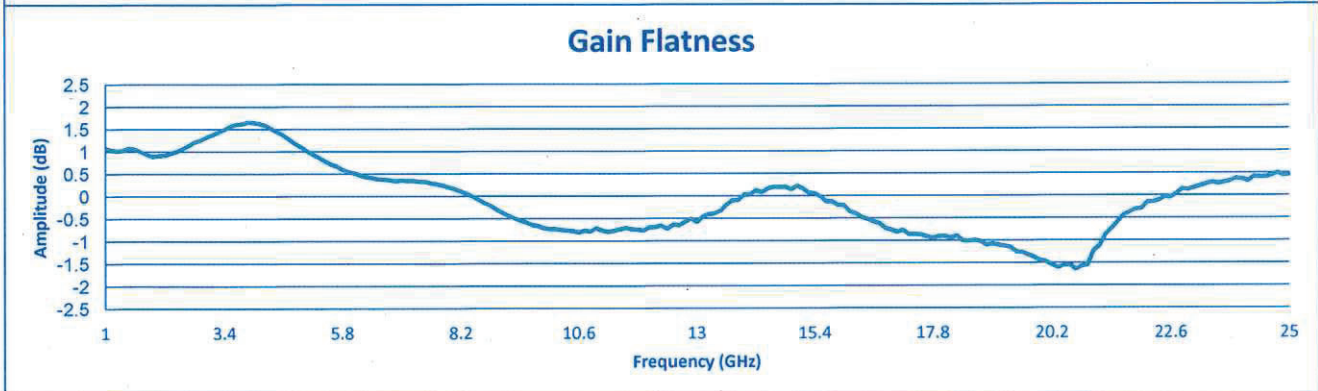
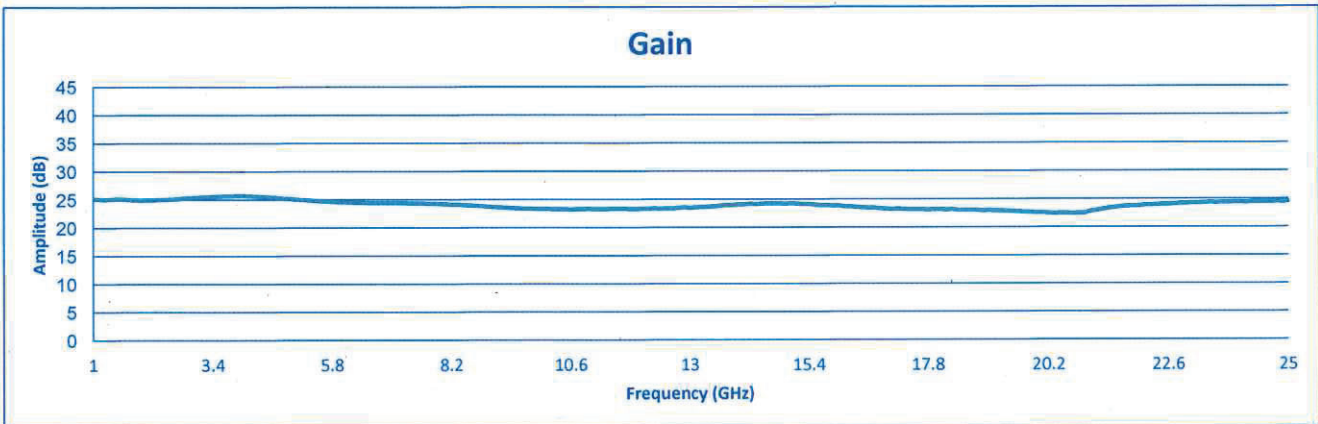
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	1.0 GHz - 25 GHz	1.0 GHz - 25 GHz	PMI QA1	
2	Gain:	25 dB Typ.	25.7 dB Max. 24.1 dB Typ. 22.4 dB Min. See Plot		
3	Gain Flatness:	±2.5 dB Max.	±1.65 dB See Plot		
4	Noise Figure:	5.5 dB Typ.	5.7 dB See Plot		
5	OP1dB:	+19 dBm Typ. (1.0-18 GHz) +17 dBm Typ. (18-25 GHz)	+18.9 dBm Typ. (1.0-18 GHz) +18.6 dBm Typ. (18-25 GHz) See Plot		
6	Psat:	+23 dBm Typ. (1.0-18 GHz) +20 dBm Typ. (18-25 GHz)	+22.5 dBm Typ. (1.0-18 GHz) +22.1 dBm Typ. (18-25 GHz) See Plot		
7	VSWR: (Input/Output)	2.0:1 / 2.5:1 Max.	1.9:1 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 @ 246 mA		PMI QA1

QA/QC Approval:  PMI  
QA1 Date: 4/16/19



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