

**SUMMARY TEST DATA  
ON  
PEC-12-50M40G-4R0-15-292FF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-12-50M40G-4R0-15-292FF  
 Serial No: PL59432/2618

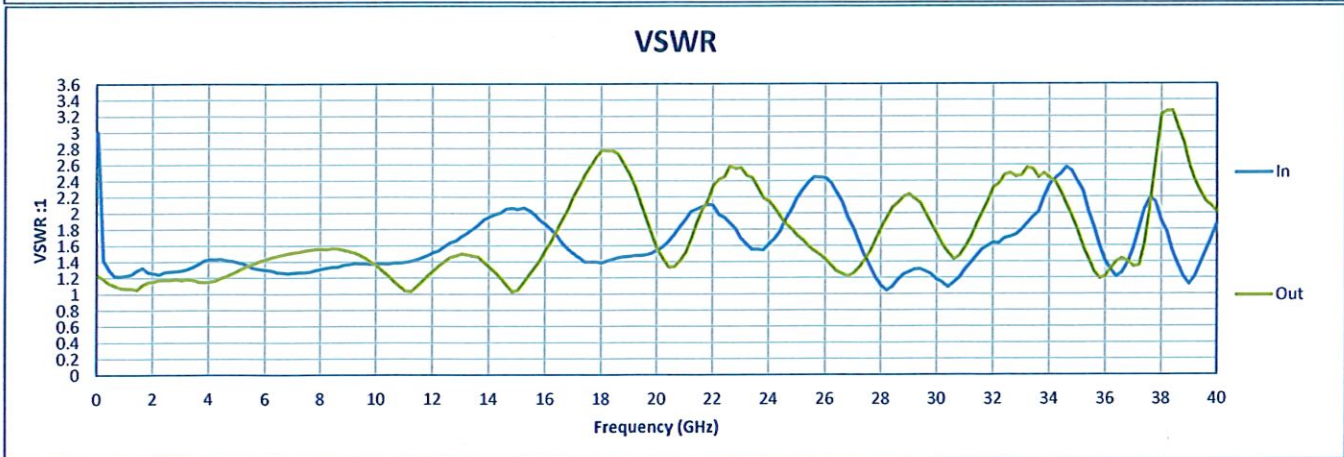
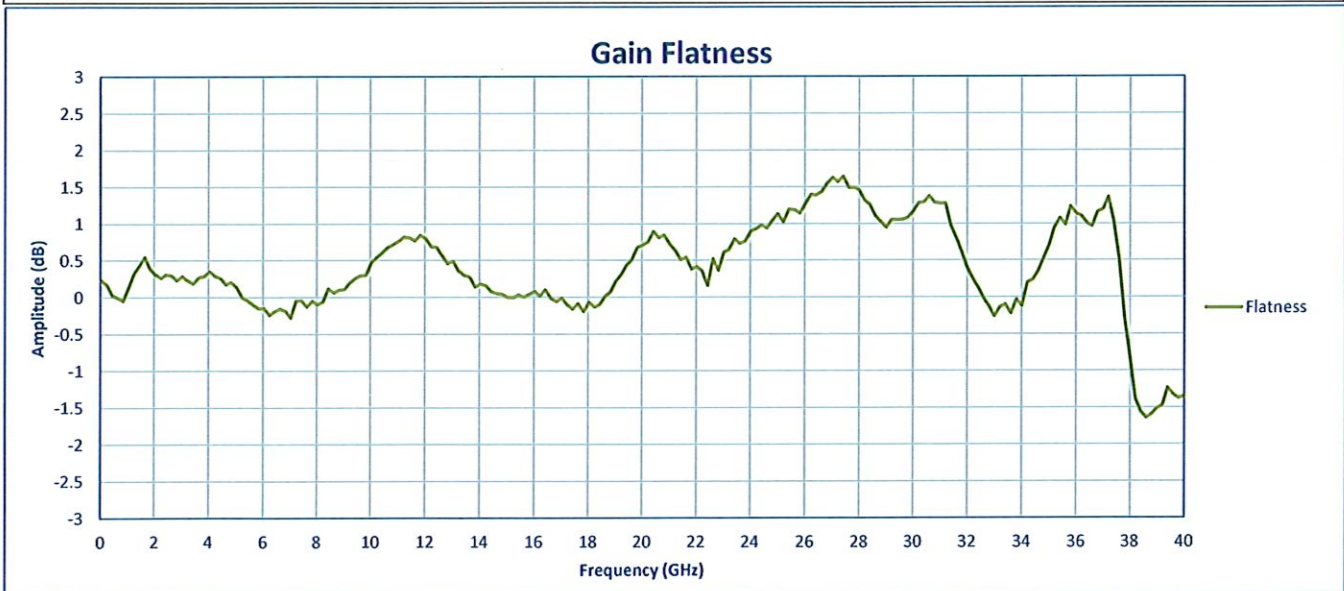
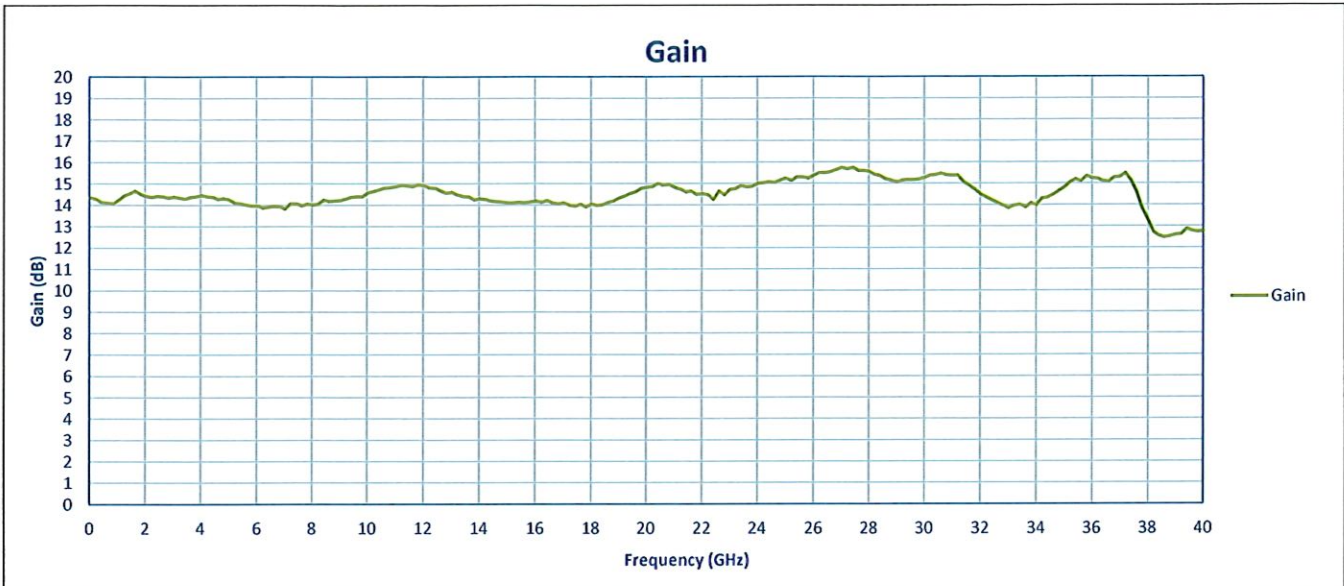
Tested By: Darwin Martinez-Castro  
 Temperature: +25°C  
 Date: 4/28/2026  
 Drawing No: 27602980-I      REV: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA
			25°C	QC
1	Frequency Range:	50MHz TO 40GHz	50MHz TO 40GHz	PMI QA6
2	Gain:	+10 dB Min.	+ 15.75 dB Max. + 12.47 dB Min. See Graph	
3	Gain Flatness:	±2.5 dB Max.	1.64 dB See Graph	
4	Noise Figure:	8.5 dB Max. (0.05 to 0.5 GHz)	7.81 dB (0.05 to 0.5 GHz)	
		5.5 dB Max. (0.5 to 31 GHz)	5.5 dB (0.5 to 31 GHz)	
		8.5 dB Max. (31 to 40 GHz)	8.23 dB (31 to 40 GHz)	
			See Graph	
5	OP1dB:	+13 dBm Min.	+ 17.73 dBm	
			+ 14.93 dBm	
			See Graph	
6	VSWR: (In)	2.8:1 Max. (0.1 to 40 GHz)	2.57 :1	
	VSWR: (IOut)	2.8:1 Max. (0.05 to 35 GHz)	2.78 :1	
		3.3:1 Max. (35 to 40 GHz)	3.26 :1	
			See Graph	
7	DC Supply:	+12 V @ 300 mA Max.	+12 VDC @ 169 mA	PMI QA6

QA/QC Approval: Anthony Hardy      PMI  
QA6

Date: 4/29/26

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