

**SUMMARY TEST DATA
ON
PEC-14-2G18G-4-27-15-SFF**

CUSTOMER: _____
SO: _____
MODEL NO: PEC-14-2G18G-4-27-15-SFF
SERIAL NO: PL41815/2334

TESTED BY: A. Lopez & K. Wagaman
TEMPERATURE: +25°C
DATE: 11/2/2023
DRAWING NO: 27646180 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	2.0 GHz to 8.0 GHz	2.0 to 8.0 GHz	PMI QA2
2	Gain:	13 dB ±1.5 dB Max	12.93 dB Max.	
			12.35 dB Min.	
			See Graph	
3	Gain Flatness:	± 0.75 dB Max	±0.29 dB. See Graph	
4	Noise Figure:	5.0 dB Typ, 6.0 dB Max (2-3 GHz) 4.5 dB Typ, 5.0 dB Max (3-5 GHz) 3.5 dB Typ, 4.5 dB Max (5-8 GHz)	5.54 dB	
			4.49 dB	
			3.19 dB	
			See Graph	
5	OP1dB:	+26 dBm Min. +27.5 dBm Typical	29.29 dBm Max.	
			29.04 dBm Min.	
			See Graph	
6	VSWR: (Input/Output)	2.0:1 Max.	1.61 :1 (In)	
			1.74 :1 (Out)	
			See Graph	
7	Input Power:	+27 dBm CW Max.	Pass +27 dBm CW) See Typical Characteristics	
8	DC Voltage Supply: DC Current Draw:	+11.3V @ Iq = 360 mA Typ*	+11.3 VDC @ 324 mA	
			PMI QA2	

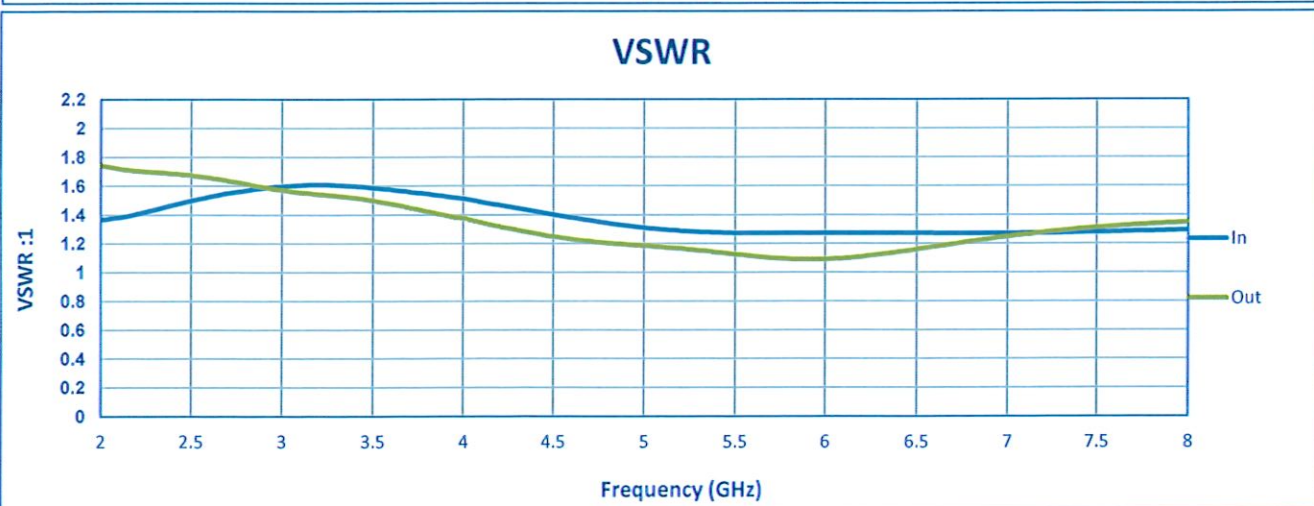
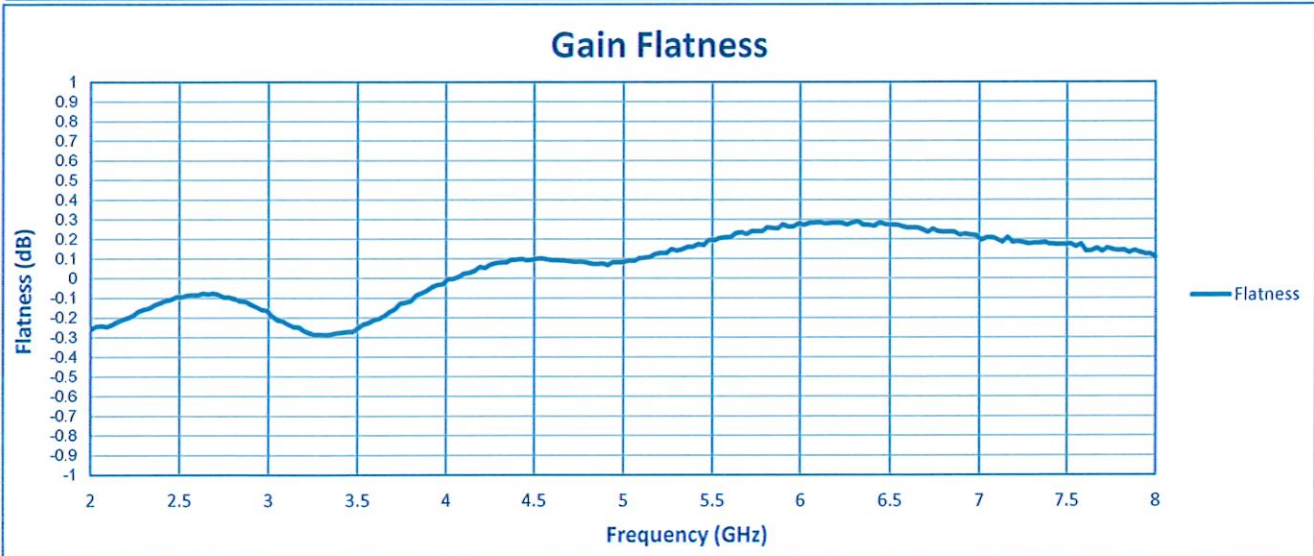
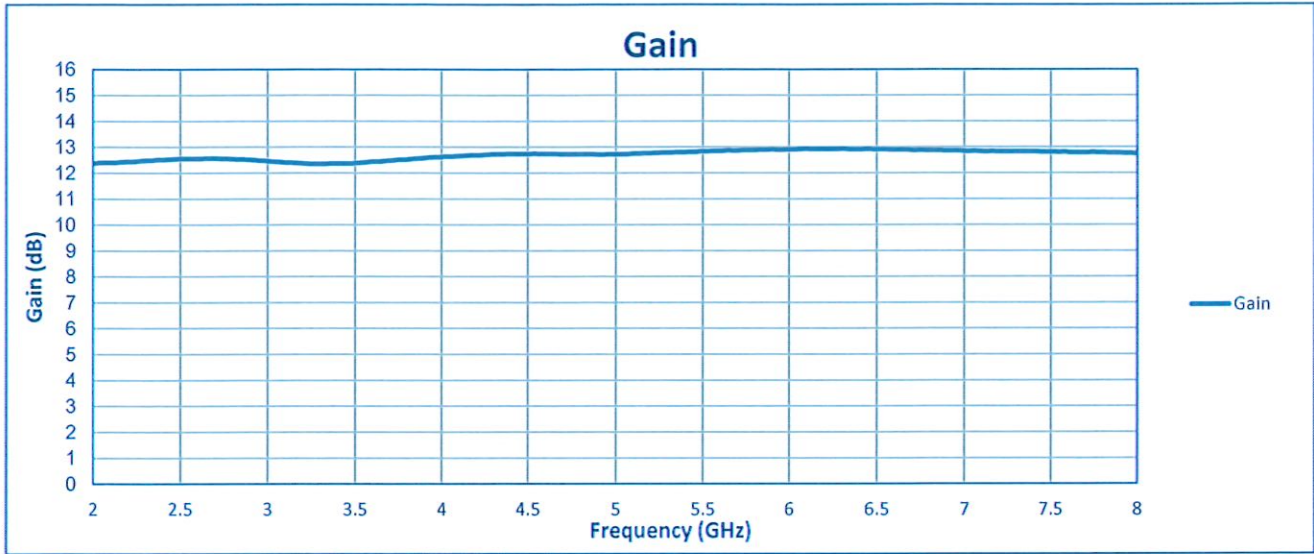
*No Internal Voltage Regulation or Reverse Protection

QA/QC Approval: 

PMI
QA2

Date: 11/6/2023

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