

SUMMARY TEST DATA ON PTB-42-1G40G-12-292FF-DC12

Customer: _____
 SO No: _____
 Model No: PTB-42-1G40G-12-292FF-DC12
 Serial No: 44408
 Part No: _____

Tested By: K. Mansfield
 Temperature: +25° C
 Date: 5/16/2024
 Drawing No: 27606213 REV: A2

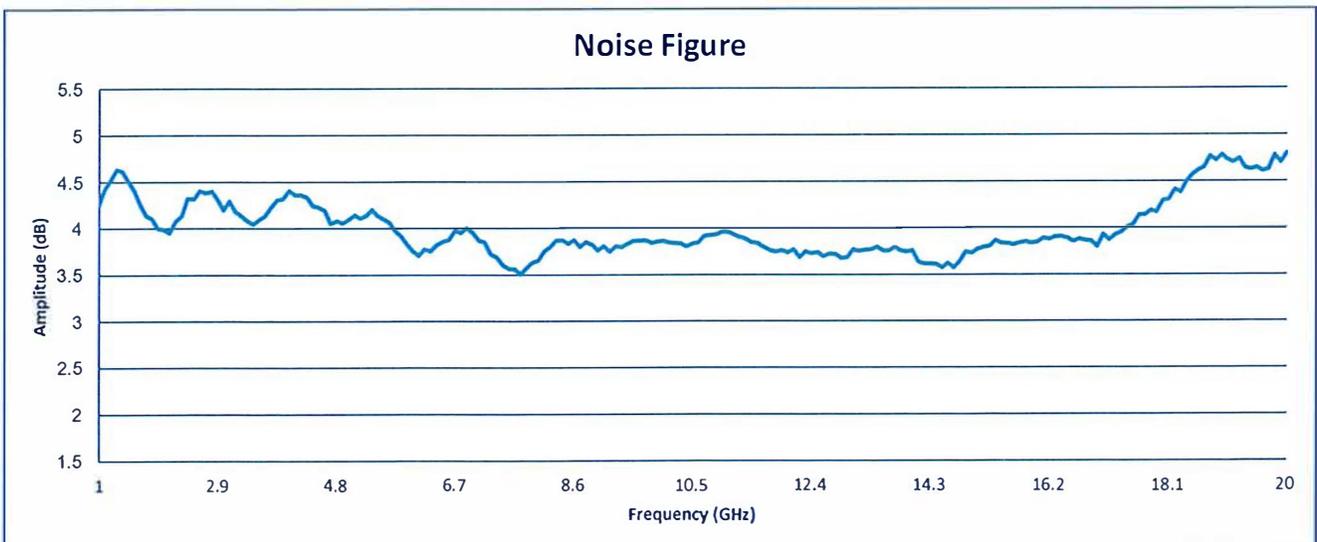
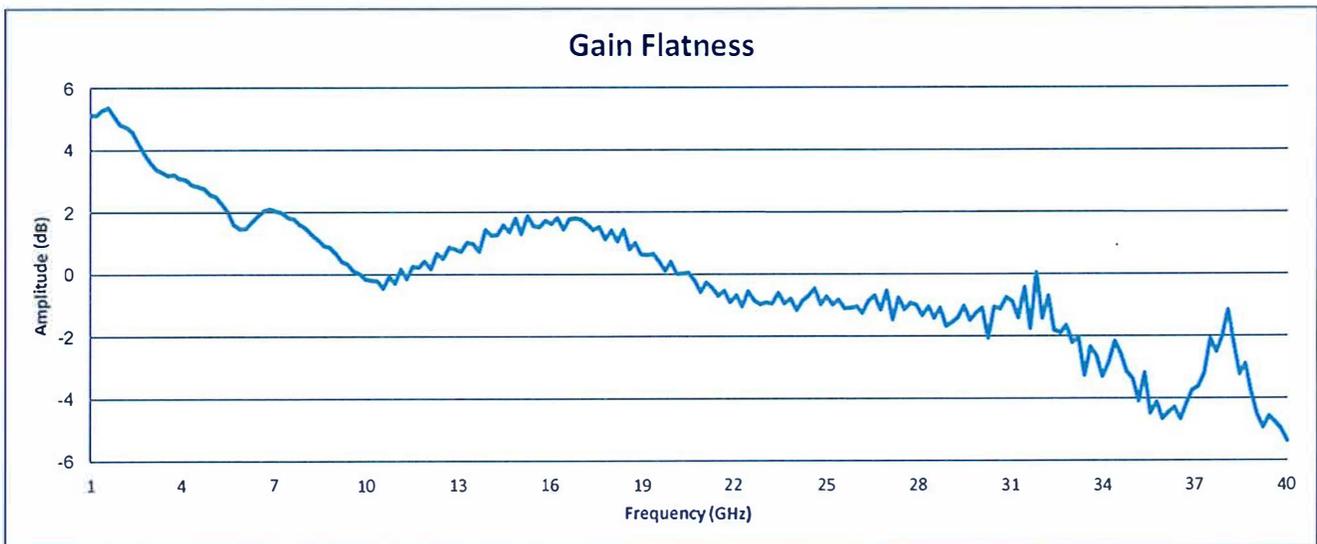
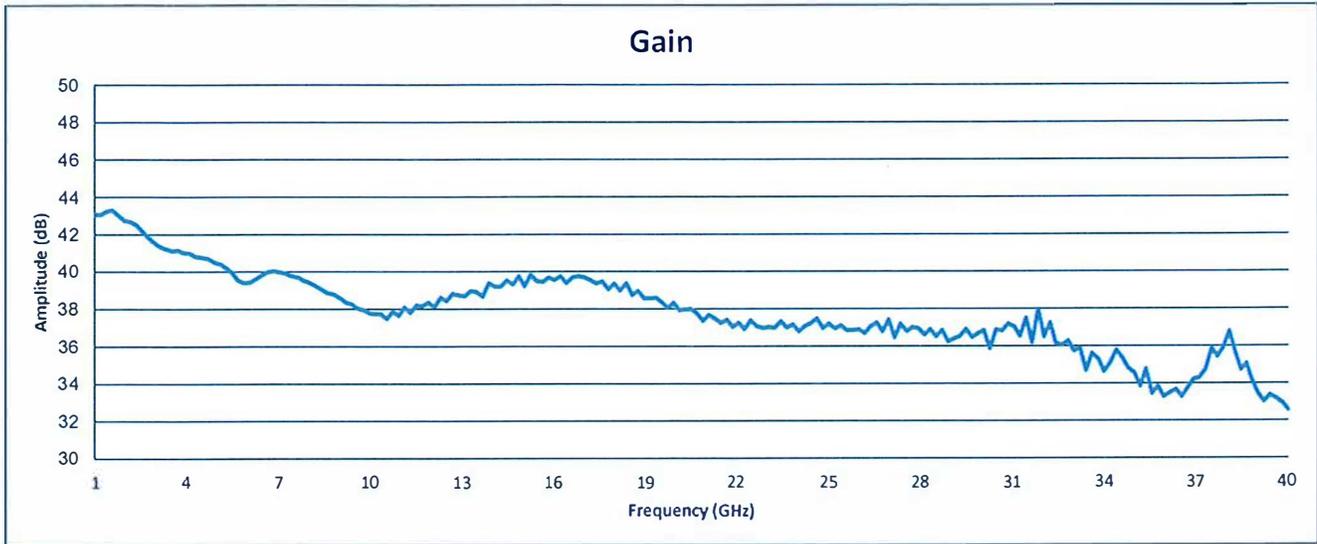
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1.0 GHz - 40.0 GHz	1.0 GHz - 40.0 GHz	PMI QA4
2	Gain:	40 dB Typ.	38 dB See Plot	
3	Gain Flatness:	±2.5 dB Typ.	±5.36 dB See Plot	
4	Noise Figure:	5.0 dB Typ. Mid-Band	4.8 dB See Plot	
5	OP1dB:	+22 dBm Typ. (1-18 GHz) +18 dBm Typ. (18-40 GHz)	+20.1 dBm +17.6 dBm See Plot	
6	VSWR: (In/Out)	2.5:1 Typ.	2.1:1 In 2.4:1 Out See Plot	
7	Maximum RF Input:	+15 dBm	See Typical Characteristics	
8	AC Voltage Supply:	120 VAC	120 VAC	
9	DC Voltage Supply: (External)	+12 VDC	513 mA	PMI QA4

QA/QC Approval: *Cameron Kelley*

Date: 5/21/24

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