

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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PTB-42-1G40G-12-292FF-DC12  
 Serial No: 34167  
 Part No: \_\_\_\_\_

Tested By: K. Mansfield  
 Temperature: +25° C  
 Date: 4/14/2023  
 Drawing No: 27606213      REV: A2

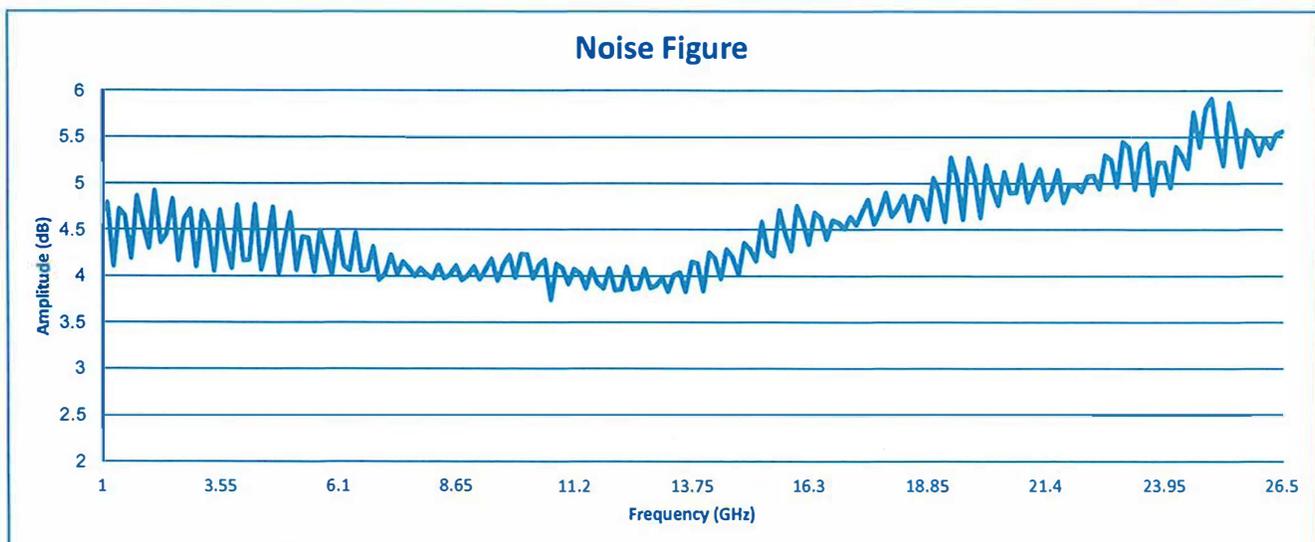
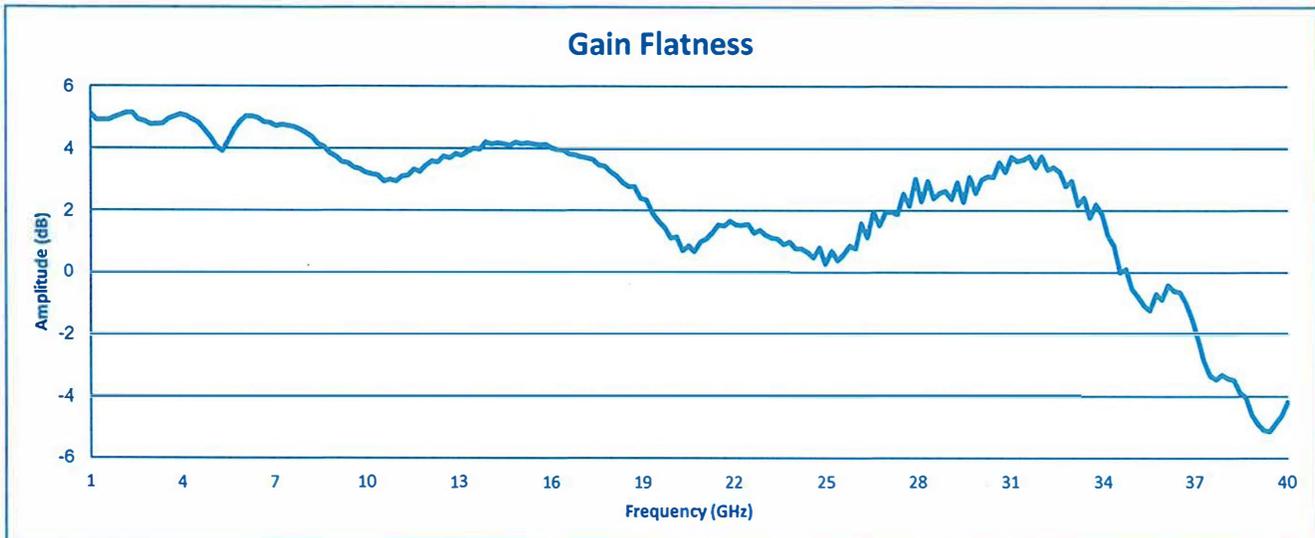
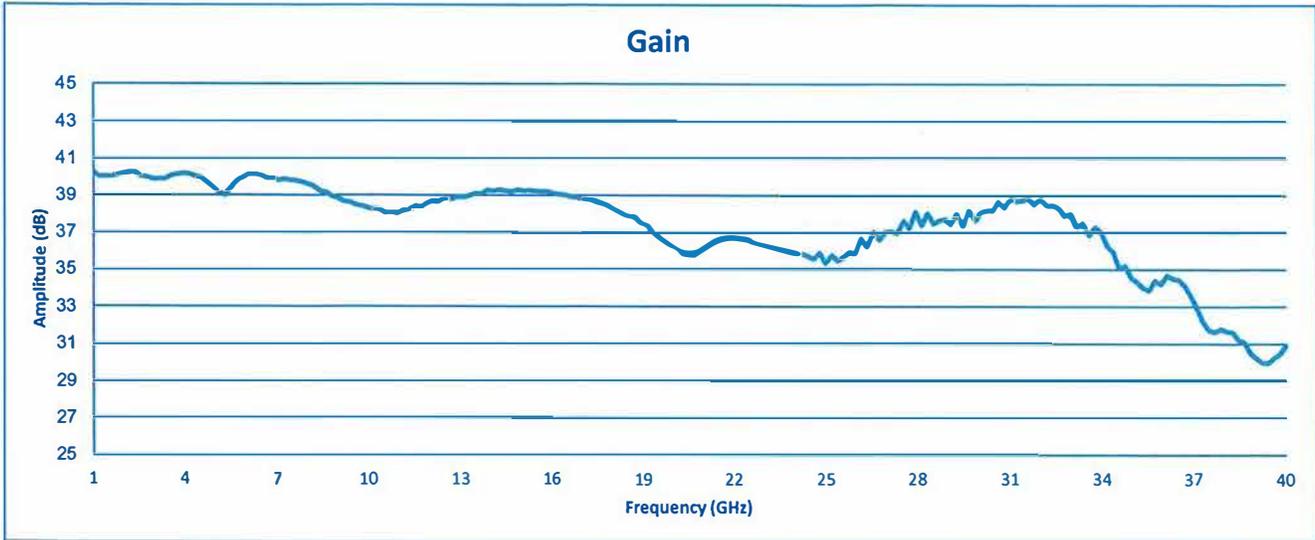
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	1.0 GHz - 40.0 GHz	1.0 GHz - 40.0 GHz	PMI QA2	
2	Gain:	40 dB Typ.	35.1 dB See Plot		
3	Gain Flatness:	±2.5 dB Typ.	±5.14 dB See Plot		
4	Noise Figure:	5.0 dB Typ. Mid-Band	5.9 dB See Plot		
5	OP1dB:	+22 dBm Typ. (1-18 GHz) +18 dBm Typ. (18-40 GHz)	+19.2 dBm +17.5 dBm See Plot		
6	VSWR: (In/Out)	2.5:1 Typ.	2.1:1 In 1.9:1 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	464 mA		PMI QA2

QA/QC Approval:       PMI  
QA2

Date: 4/19/2023

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