



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

81822 **PTB-42-1G40G-12-292FF-DC12**

Customer: _____	Tested By: <u>J Boze</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PTB-42-1G40G-12-292FF-DC12</u>	Date: <u>06/29/21</u>
Serial No: <u>81822</u>	Drawing No: <u>27616212</u> Rev: <u>A1</u>
Part No: _____	

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA/QC	
1	Frequency Range:	1.0 TO 40.0GHz	1.0 to 40.0 GHz (See Plot)	PMI QA3	
2	Gain:	40dB Typ.	37.93 dB Avg. (See Plot)		
3	Gain Flatness:	±2.5dB Typ.	±2.24 dB (See Plot)		
4	Noise Figure:	5.0dB Typ. MID-BAND	3.40 dB (See Plot)		
5	OP1dB:	+22dBm Typ. (1-18GHz) +18dBm Typ. (18-40GHz)	Pass Pass (See Plot)		
6	VSWR In/Out:	2.5:1 Typ.	1.93:1/1.77:1 (See Plot)		
7	Maximum RF Input:	+15dBm	Pass		
8	AC Voltage Supply:	120VAC	120VAC		
9	DC Voltage Supply (External):	+12VDC	+12VDC		PMI QA3

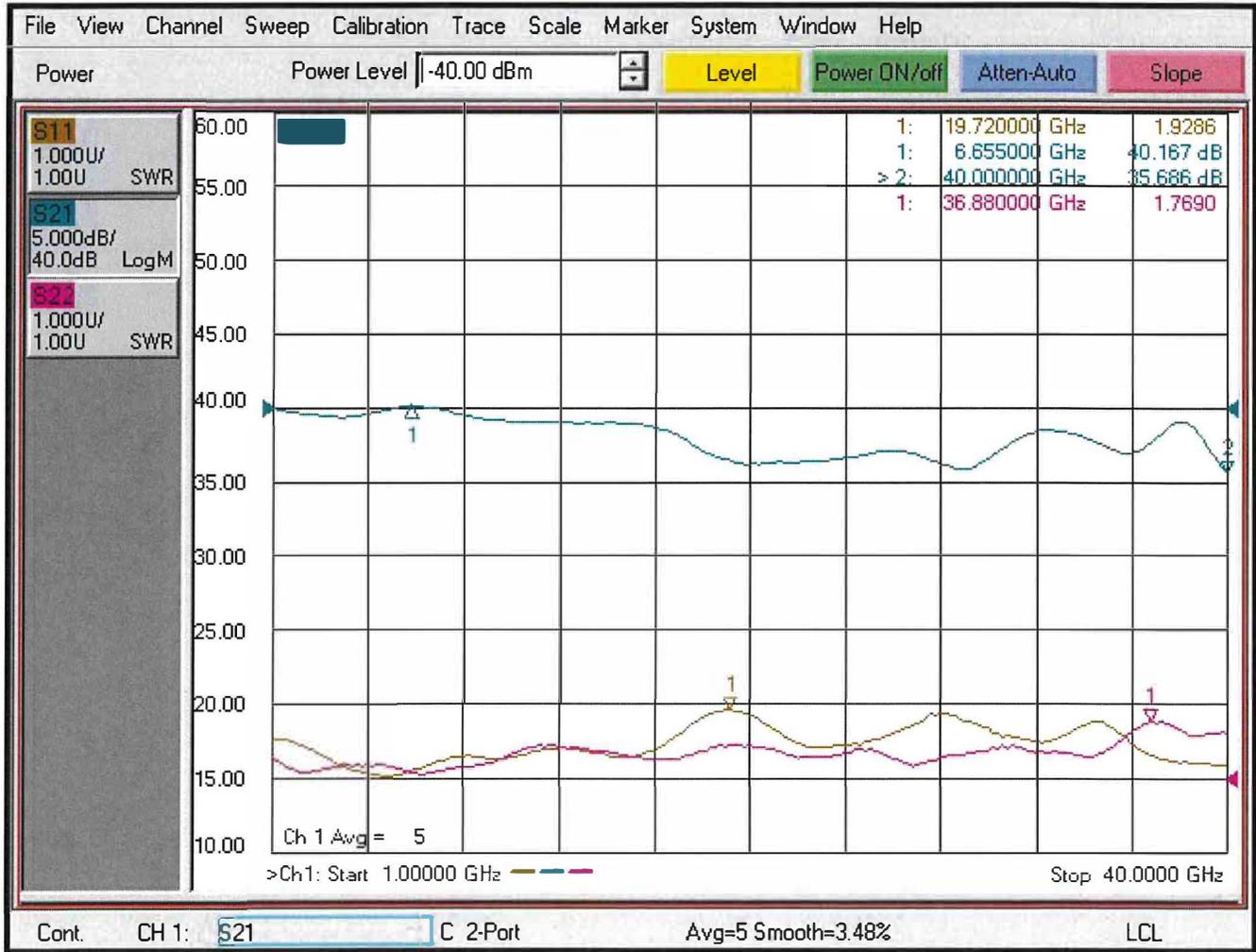
QA/QC Approval: *A Zimmerman* Date: 6/30/21



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Gain Flatness and VSWR Plot

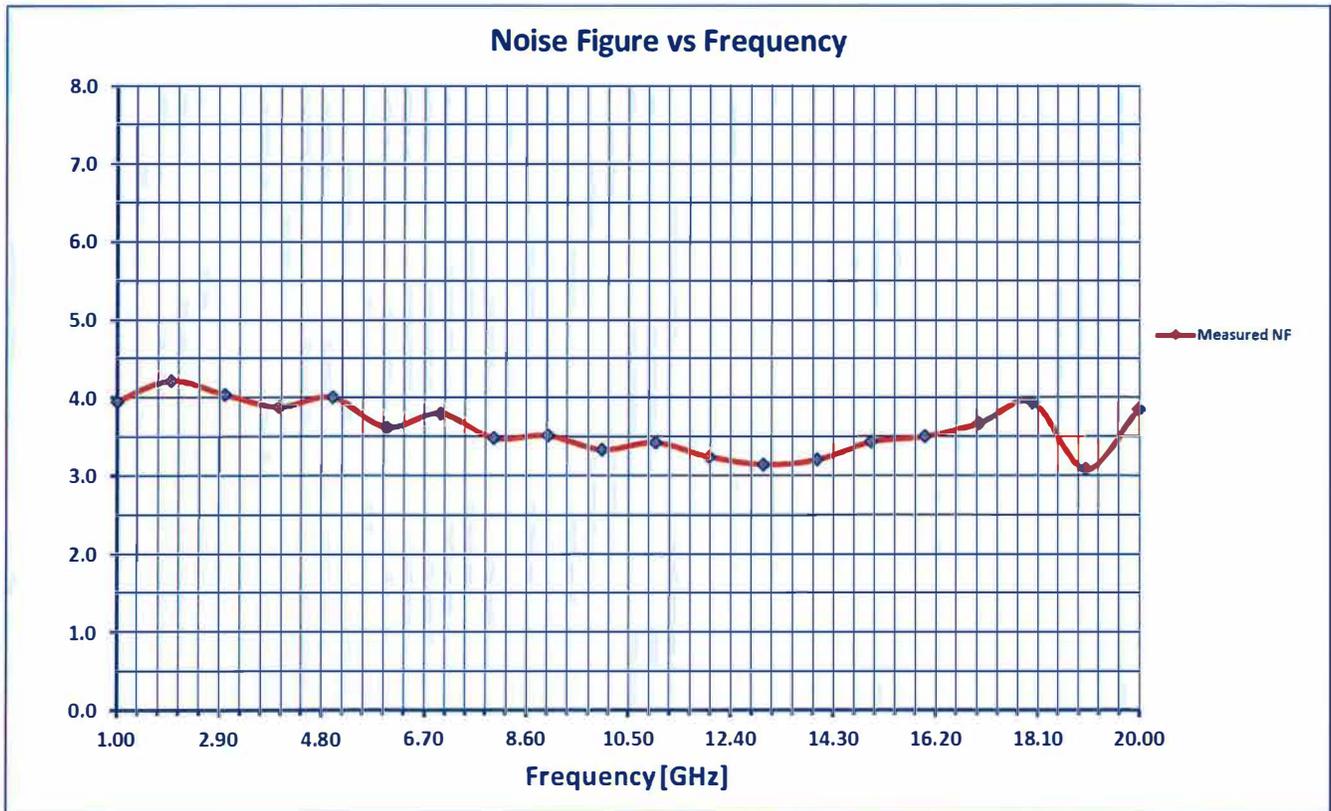




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Noise Figure Plot





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P1dB Plot

