



## SUMMARY TEST DATA ON PEC-36-2G18G-4R5-27-15-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-36-2G18G-4R5-27-15-SFF  
 Serial No: PL32768/212636.6

Tested By: EA Valdez  
 Temperature: +25°C  
 Date: 6/29/2021  
 Drawing No: 27624405 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	2.0 to 18.0 GHz	2.0 to 18.0 GHz	<b>PMI</b> <b>QA3</b>	
2	Gain:	36 dB Typ.	+36.6 dB Max. +34.8 dB Min. See Plot		
3	Gain Flatness:	±1.5 dB Typ.	±0.9 dB Max. See Plot		
4	Noise Figure:	4.5 dB Typ. 5.0 dB Max.	3.6 dB Max. See Plot		
5	OP1dB:	+26.5 dBm Min. +27.5 dBm Typ.	+27 dBm Min. See Plot		
6	VSWR Input/Output:	2.0:1 Max.	1.72:1 In 1.76:1 Out See Plot		
7	Impedance:	50 Ohms	Pass		
8	Input Power:	+20 dBm Max.	Pass		
9	DC Supply:	+15 VDC @ 850 mA Nomial.	+12 to +15 VDC @ 724 mA		<b>PMI</b> <b>QA3</b>

QA/QC Approval: *A Zimmerman*

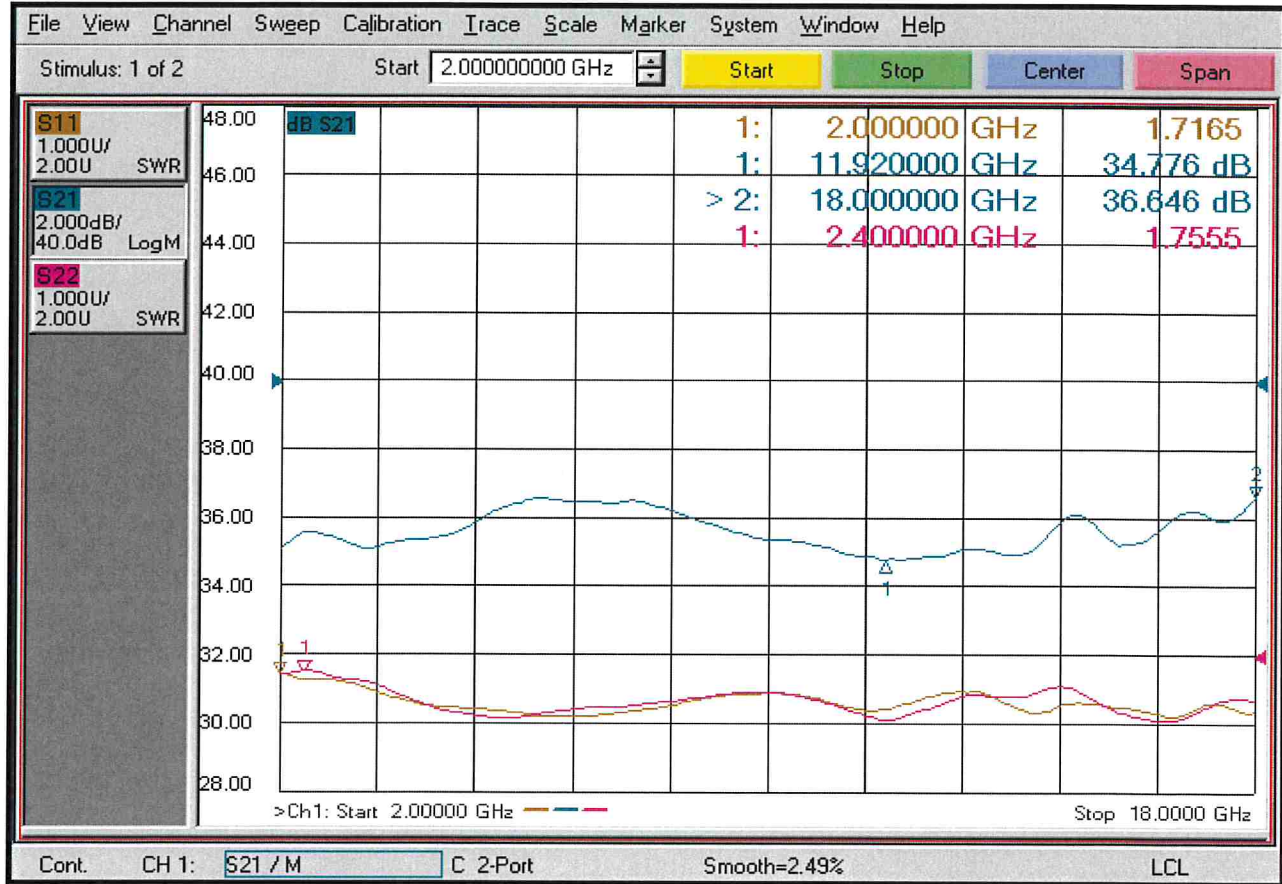
Date: 6/29/21



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Gain and VSWR Plot

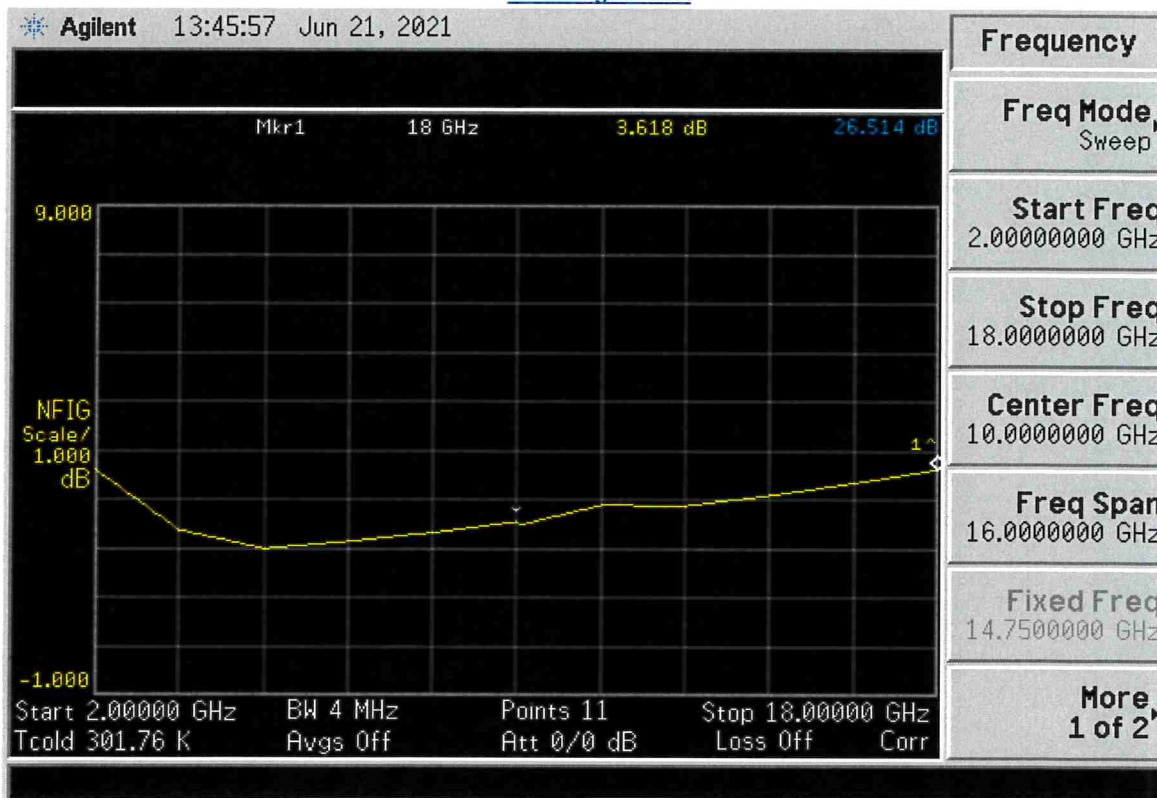




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Noise Figure Plot



OP1dB Plot

## P1dB Vs Frequency

