



## 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: PL32584/2121

Tested By: EA Valdez  
 Temperature: +25°C  
 Date: 5/27/2021  
 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	PMI QA3	
2	Gain:	36 dB Typ.	+37.4 dB Max. +34.6 dB Min. See Plot		
3	Gain Flatness:	±1.5 dB Typ.	±1.4 dB Max. See Plot		
4	Noise Figure:	4.5 dB Typ. 5.0 dB Max.	4 dB Max. See Plot		
5	OP1dB:	+26.5 dBm Min. +27.5 dBm Typ.	+26.7 dBm Min. See Plot		
6	VSWR Input/Output:	2.0:1 Max.	1.86:1 In 1.72:1 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 @ 774 mA		PMI QA3

QA/QC Approval: 

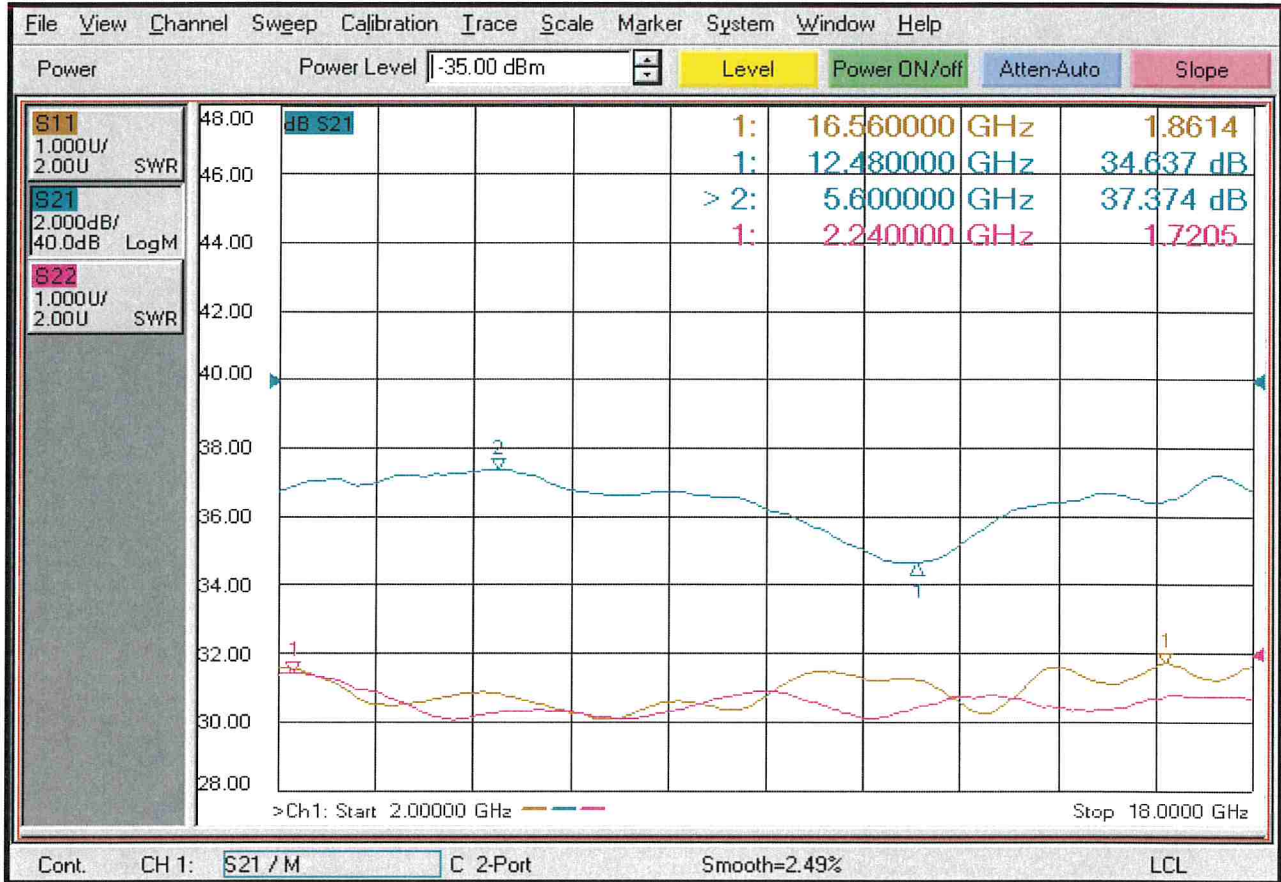
Date: 5-28-21



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PL32584-2121

Gain and VSWR Plot

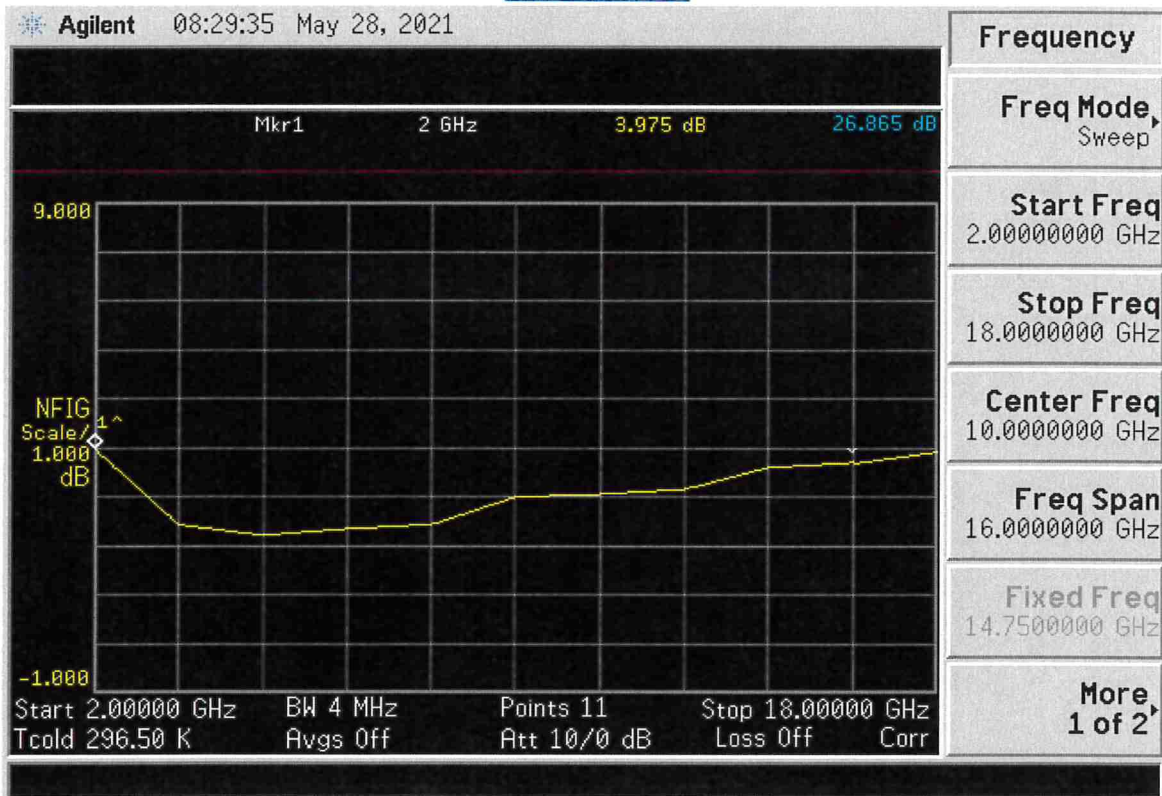




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Noise Figure Plot



OP1dB Plot

P1dB Vs Frequency

