



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: PL32783/2126

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	PMI QA3 PMI QA3
2	Gain:	36 dB Typ.	+37.6 dB Max. +35.1 dB Min. See Plot	
3	Gain Flatness:	±1.5 dB Typ.	±1.25 dB Max. See Plot	
4	Noise Figure:	4.5 dB Typ. 5.0 dB Max.	3.5 dB Max. See Plot	
5	OP1dB:	+26.5 dBm Min. +27.5 dBm Typ.	+26.5 dBm Min. See Plot	
6	VSWR Input/Output:	2.0:1 Max.	1.71:1 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 @ 738 mA	

QA/QC Approval: *A Zimmerman*

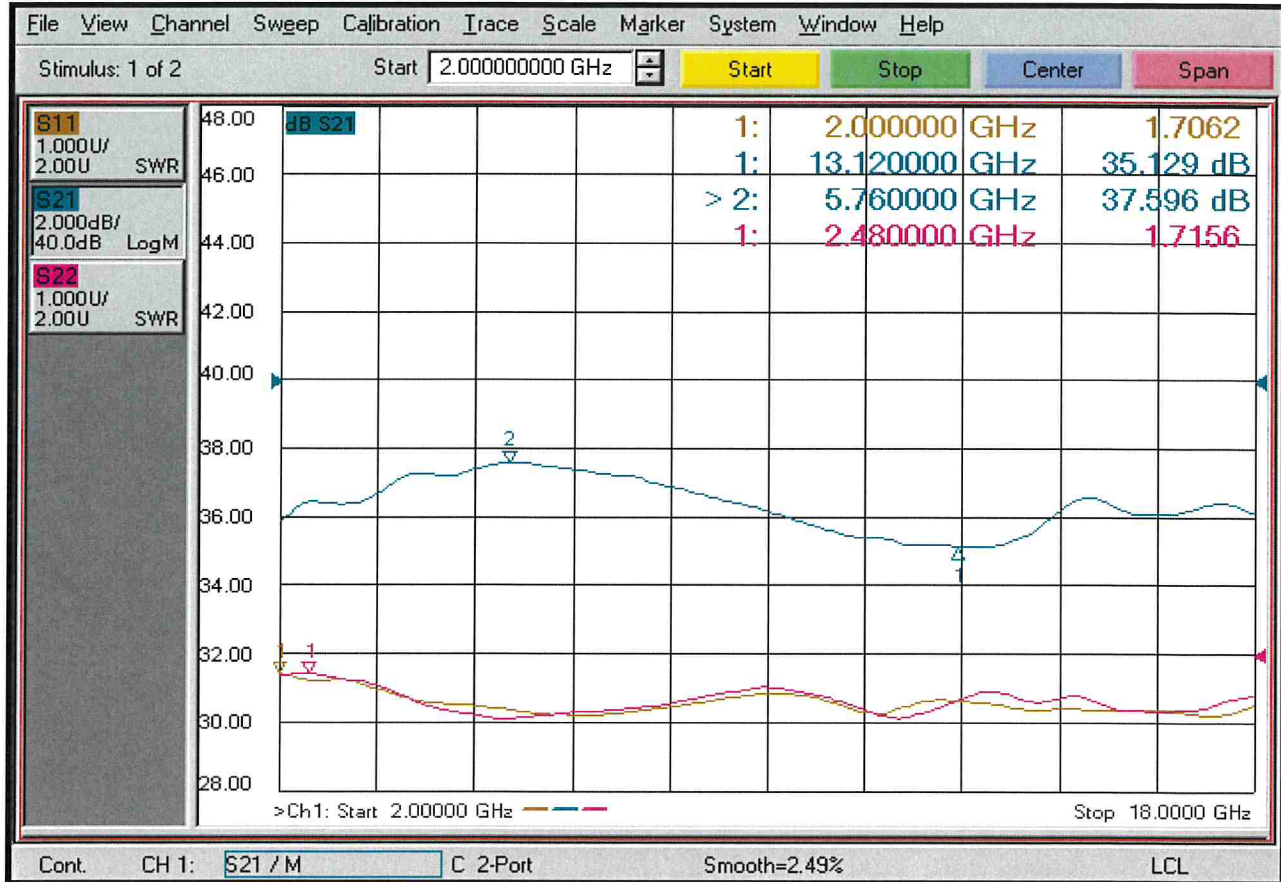
Date: 6/29/21



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PL32783 2126

Gain and VSWR Plot

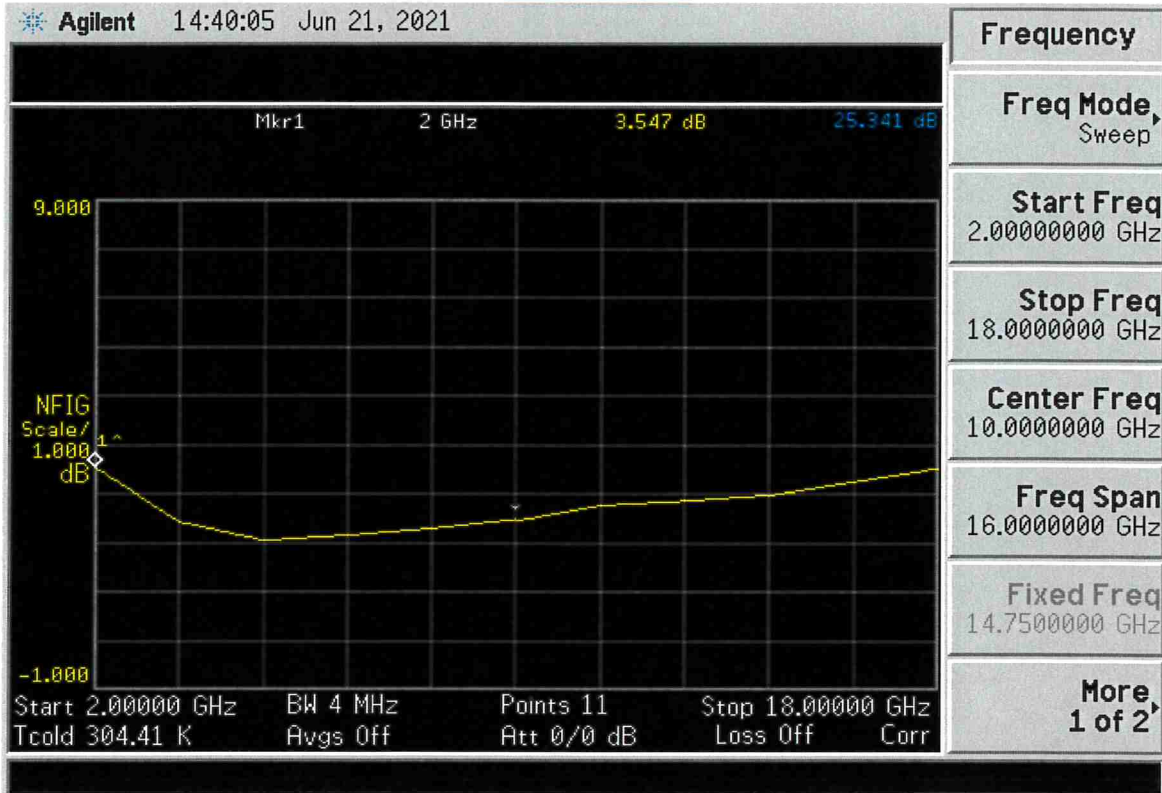




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PL32783/2126

Noise Figure Plot



OP1dB Plot

P1dB Vs Frequency

