



**SUMMARY TEST DATA  
ON  
PEC-37-9G10G-3R0-27-SFF**

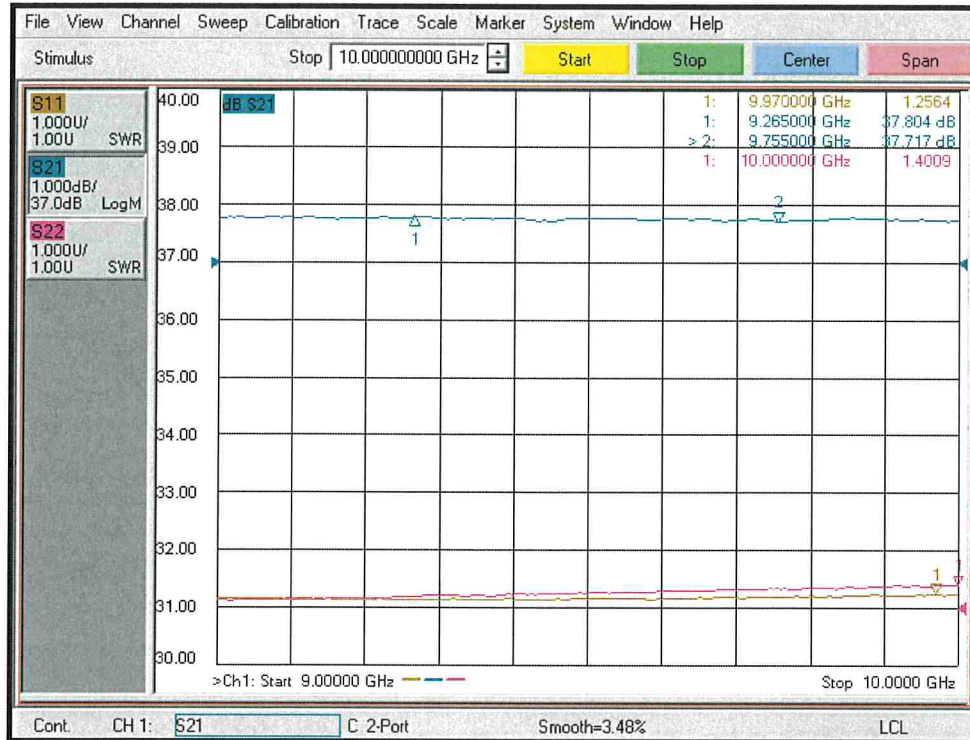
Customer: _____	Tested By: <u>J. Mattsson-Boze</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PEC-37-9G10G-3R0-27-SFF</u>	Date: <u>02/18/2020</u>
Serial No: <u>PL27853/2007</u>	Drawing No: <u>27618153</u> Rev: <u>A2</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	9 GHz – 10 GHz	9 GHz – 10 GHz (See Plot)	a3 2-25
2	Pout @ 1dB Compression:	+27dBm Min +28dBm Typ	+27.1 dBm (See Plot)	
3	Output IP3:	+31dBm Typ	Pass	
4	Nominal Gain @ 25°C Base Plate Temperature:	34dB Min 37dB Typ 40dB Max	37.7 dB (See Plot)	
5	Gain Flatness:	±0.35dB Typ ±0.5dB Max	±0.04 dB (See Plot)	
6	Gain Variation Over Temperature:	±2dB Typ	Pass	
7	Noise Figure:	2.5dB Typ 3.0dB Max	2.5 dB (See Plot)	
8	VSWR: (Input/Output)	1.7:1 Typ 2.0:1 Max	1.3:1 1.4:1 (See Plot)	
9	Spurious:	-60dBc Max.	Pass	↓
10	DC Supply:	+10V @ 300mA Min +12V @ 400mA Typ +15V @ 700mA Max	+10V @ 350mA +12V @ 350mA +15V @ 350mA	a3 2-25

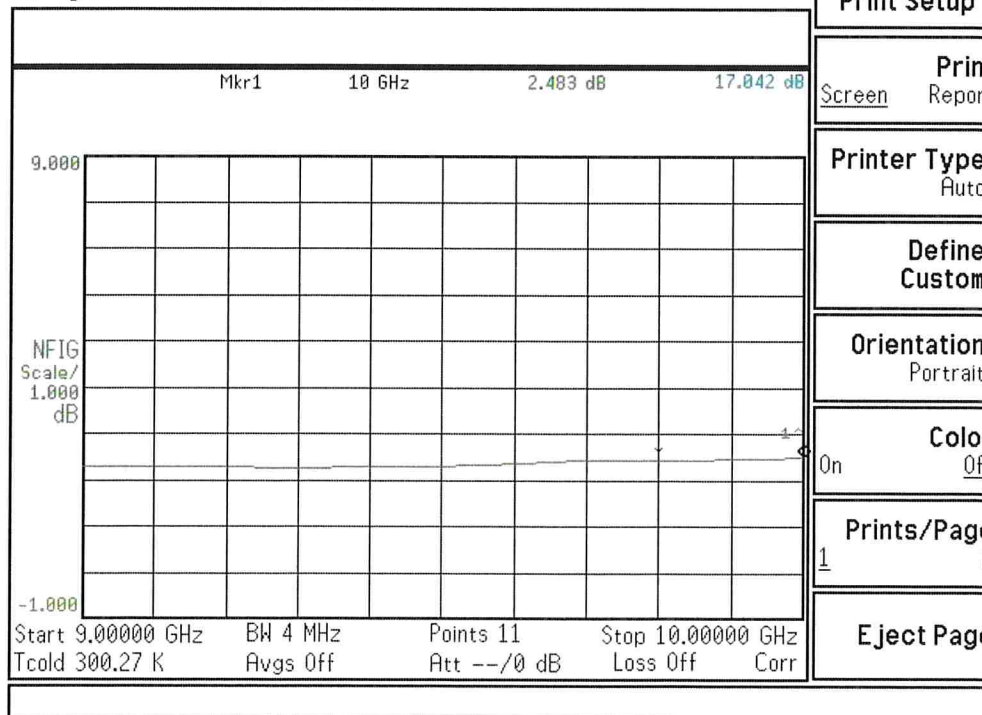
QA/QC Approval: Arthur Zimmerman Date: 2-25-2020



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\* Agilent 11:59:09 Feb 8, 320



**Print Setup**

Print Screen Report

Printer Type Auto

Define Custom

Orientation Portrait

Color On Off

Prints/Page 1 2

Eject Page



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P1dB Vs Frequency

