



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

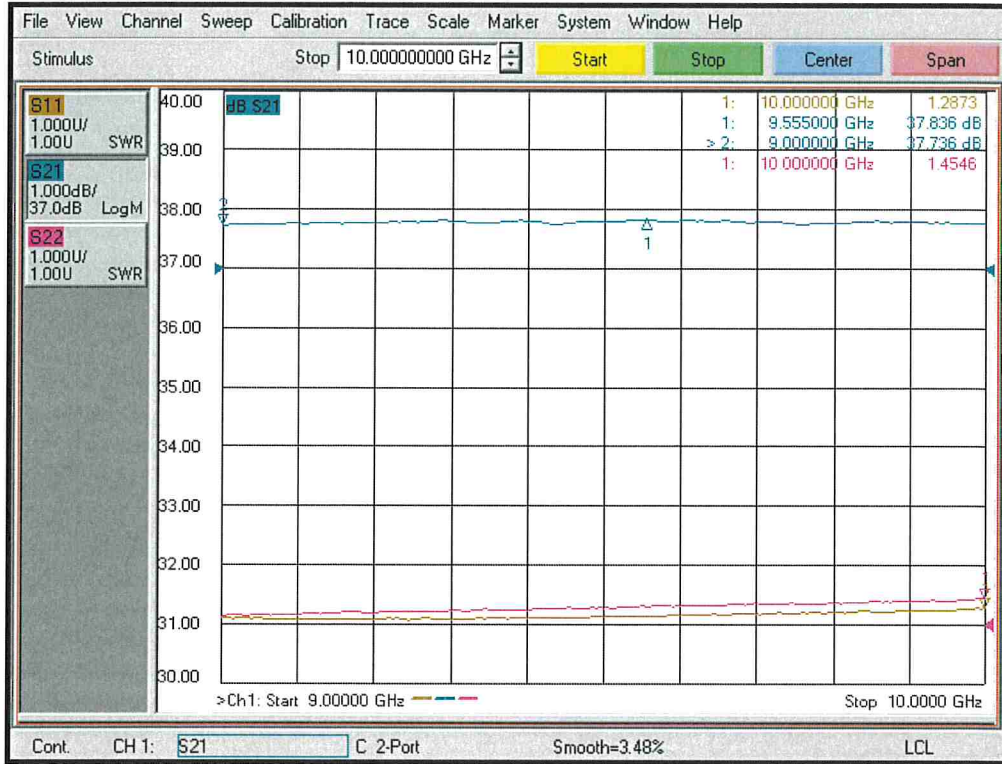
Customer:	-	Tested By: <u>J. Mattsson-Boze</u>
SO No:	Temperature: <u>+25°C</u>	
Model No: <u>PEC-37-9G10G-3R0-27-SFF</u>	Date: <u>02/18/2020</u>	
Serial No: <u>PL27851/2007</u>	Drawing No: <u>27618153</u>	Rev: <u>A2</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	9 GHz – 10 GHz	9 GHz – 10 GHz (See Plot)	03 2-25	
2	Pout @ 1dB Compression:	+27dBm Min +28dBm Typ	+27.5 dBm (See Plot)		
3	Output IP3:	+31dBm Typ	Pass		
4	Nominal Gain @ 25°C Base Plate Temperature:	34dB Min 37dB Typ 40dB Max	37.8 dB (See Plot)		
5	Gain Flatness:	±0.35dB Typ ±0.5dB Max	±0.05 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	1.2:1 1.5:1 (See Plot)		
9	Spurious:	-60dBc Max.	Pass		
10	DC Supply:	+10V @300mA Min +12V@400mA Typ +15V@700mA Max	+10V @ 360mA +12V @ 360mA +15V @ 360mA		08 2-25

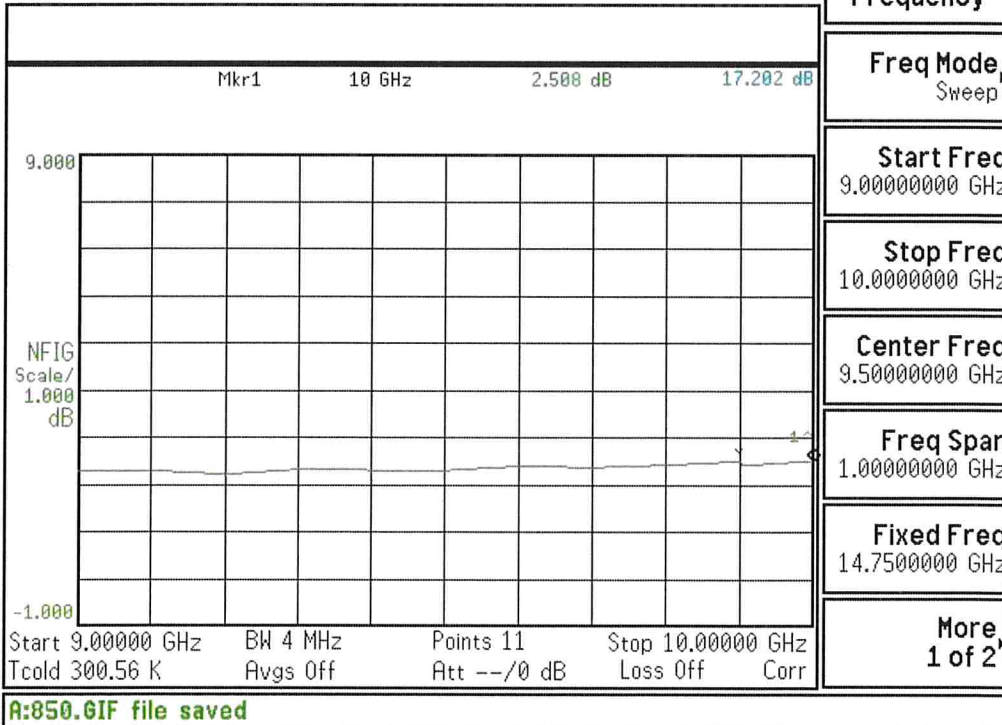
QA/QC Approval: Arthur Zimmerman Date: 2-25-2020



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Agilent 12:03:55 Feb 8, 320





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P1dB Vs Frequency

