



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

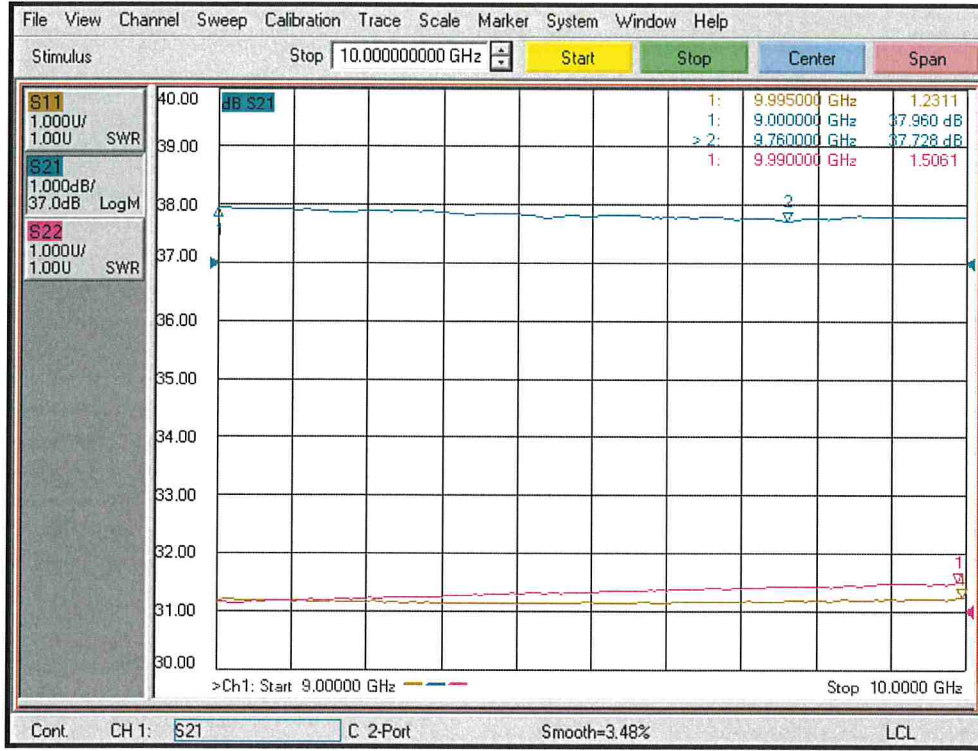
Customer: \_\_\_\_\_ Tested By: J. Mattsson-Boze  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: PEC-37-9G10G-3R0-27-SFF Date: 02/18/2020  
 Serial No: PL27850/2007 Drawing No: 27618153 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	9 GHz – 10 GHz	9 GHz – 10 GHz (See Plot)	ag 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	37.9 dB (See Plot)		
5	Gain Flatness:	±0.35dB Typ ±0.5dB Max	±0.12 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 @ 350mA +12V @ 350mA +15V @ 350mA		ag 2-25

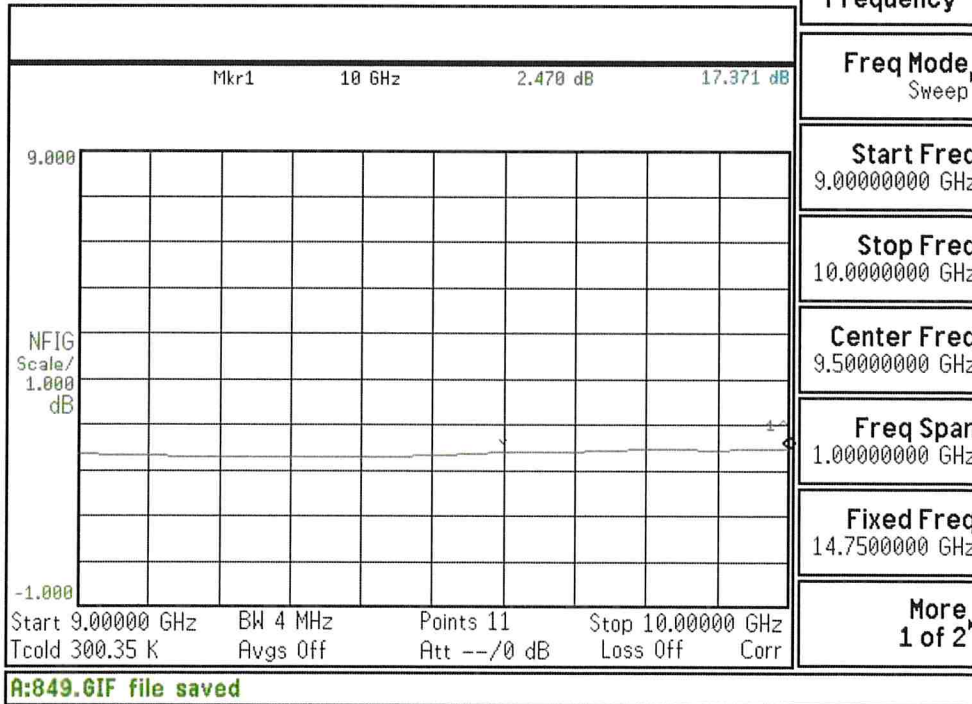
QA/QC Approval: Arthur Zimmerman Date: 2-25-2020



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Agilent 12:01:33 Feb 8, 320





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**P1dB Vs Frequency**

