



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-37-9G10G-3R0-27-SFF  
 Serial No: PL27849/2007

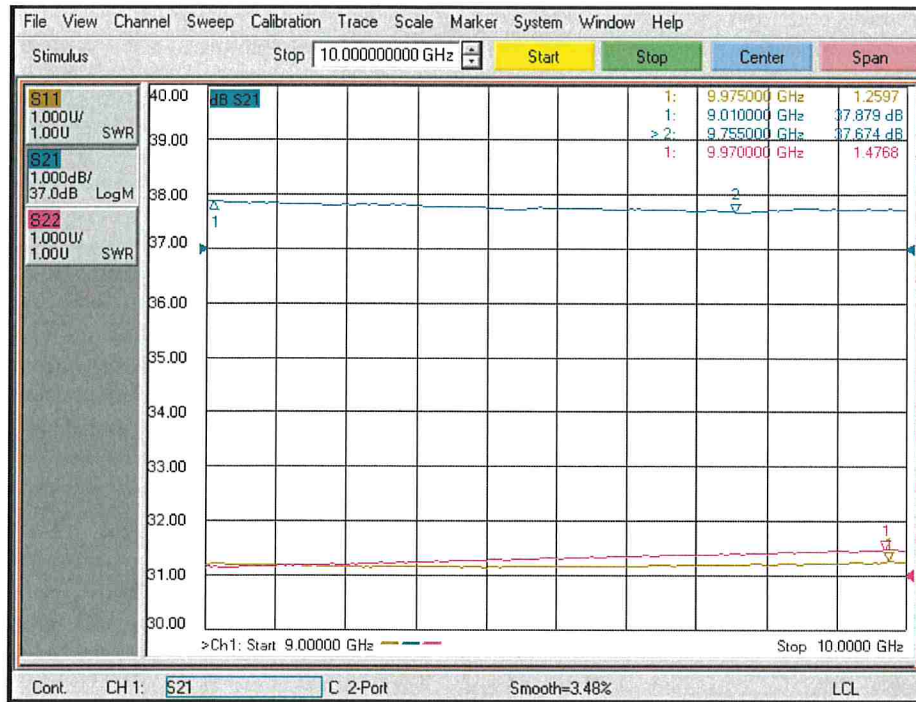
Tested By: J. Mattsson-Boze  
 Temperature: +25°C  
 Date: 02/18/2020  
 Drawing No: 27618153 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	9 GHz – 10 GHz	9 GHz – 10 GHz (See Plot)	<i>00</i> 2-25	
2	Pout @ 1dB Compression:	+27 dBm Min +28 dBm Typ	+27 dBm (See Plot)	↓	
3	Output IP3:	+31 dBm Typ	Pass		
4	Nominal Gain @ 25°C Base Plate Temperature:	34 dB Min 37 dB Typ 40 dB Max	37.8 dB (See Plot)		
5	Gain Flatness:	±0.35 dB Typ ±0.5 dB Max	±0.1 dB (See Plot)		
6	Gain Variation Over Temperature:	±2 dB Typ	Pass		
7	Noise Figure:	2.5 dB Typ 3.0 dB Max	2.5 dB (See Plot)		
8	VSWR: (Input/Output)	1.7:1 Typ 2.0:1 Max	1.3:1 1.5:1 (See Plot)		
9	Spurious:	-60 dBc Max.	Pass		
10	DC Supply:	+10V @300mA Min +12V @400mA Typ +15V @700mA Max	+10V @ 350mA +12V @ 350mA +15V @ 350mA		<i>03</i> 2-25

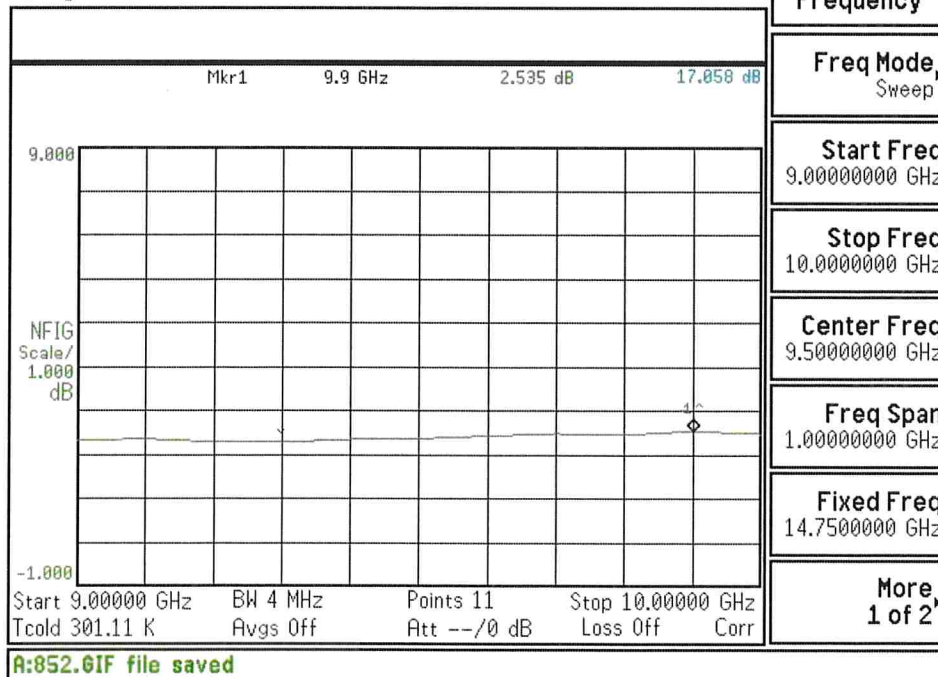
QA/QC Approval: *Arthur Zimmerman* Date: 2-25-2020



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



Agilent 12:08:32 Feb 8, 320





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

**P1dB Vs Frequency**

