



**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PEC-38-818-10-15-SFF  
 Serial No : PL1149

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 11/12/03

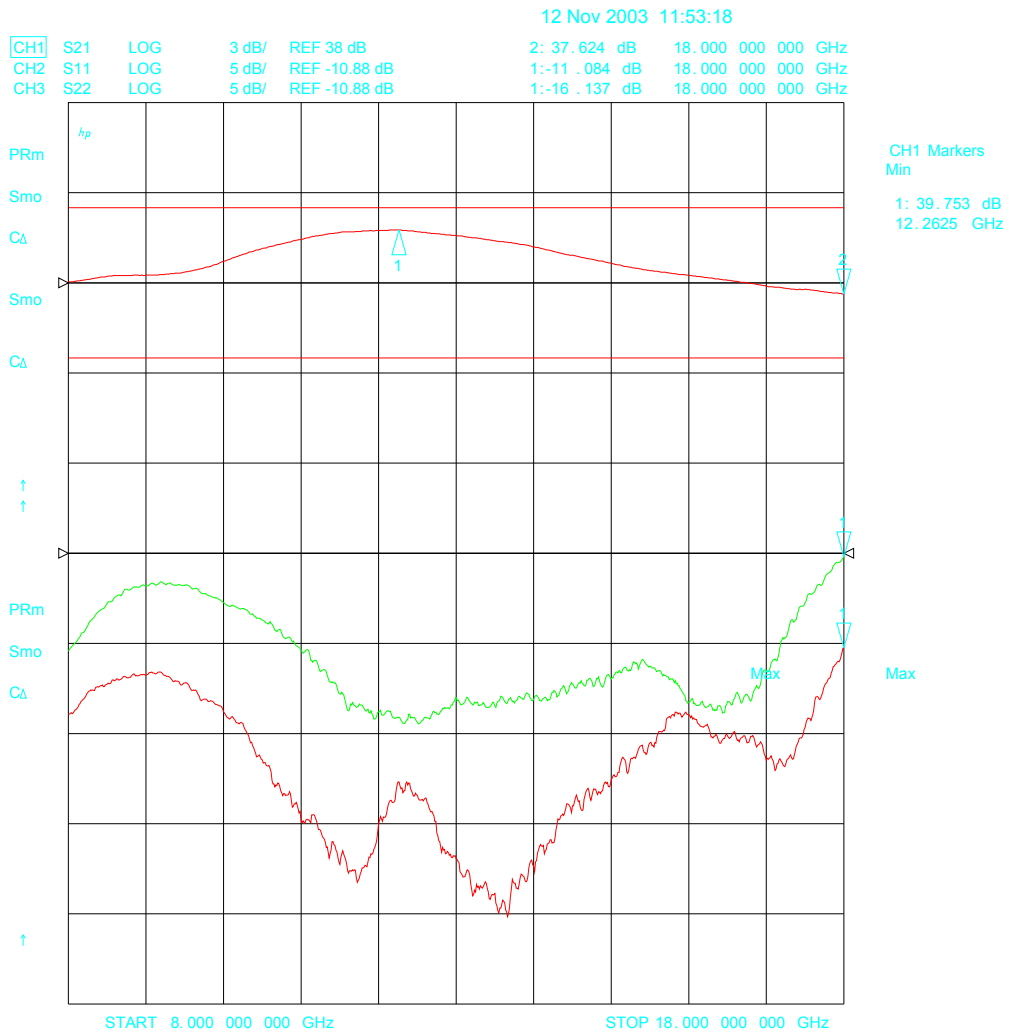
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	8 – 18 GHz	Pass	
2	Gain:	38dB +/- 2.5dB	Pass (See Plot)	
3	Gain Flatness:	± 1.5 dB Max.	± 1.06dB	
4	Noise Figure:	8.0 dB Max.	Pass (See Plot)	
5	Output Power @ 1dB Gain Compression	+10dBm Min.	≥ +10dBm	
6	Power Output Saturated	+19dBm Max.	Pass	
7	VSWR In/Out:	1.8:1 Max.	Pass (See Plot)	
8	DC Power	500mA@+15 VDC	170mA	
9	Operating Temp. Range	-15 to +85 Deg. C	Pass	

Production Manager Approval:  Date: 11/12/03

QA/QC Approval:  Date: 11/12/03

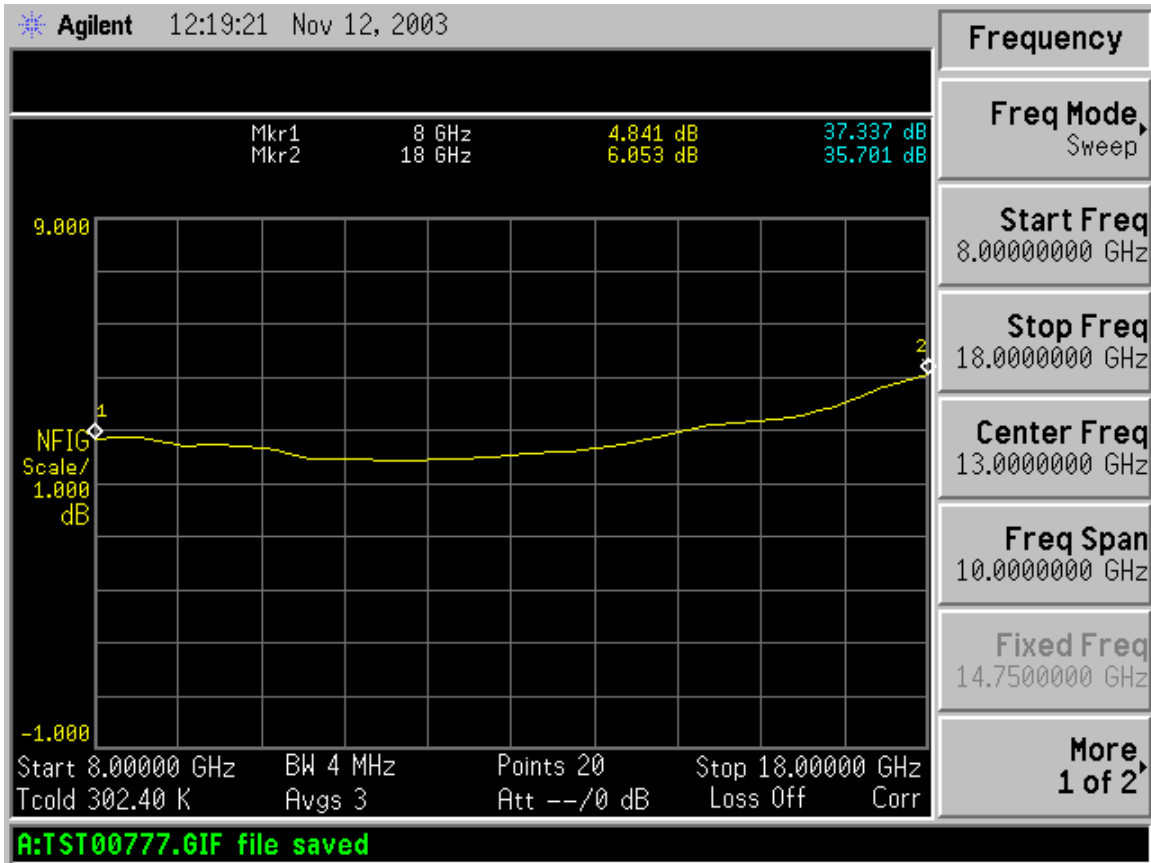
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### VNA Plot – J1 to J2





### Noise Figure Plot - J1 to J2



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