




**SUMMARY TEST DATA ON AMPLIFIER**

**Customer :**  
**Job No : PE704029-A**  
**Model No : PTB-60-120-5R0-10-115VAC-SFF**  
**Serial No : PL3291**

**Tested By : KM**  
**Temperature : +25°C**  
**Date : 05/17/07**

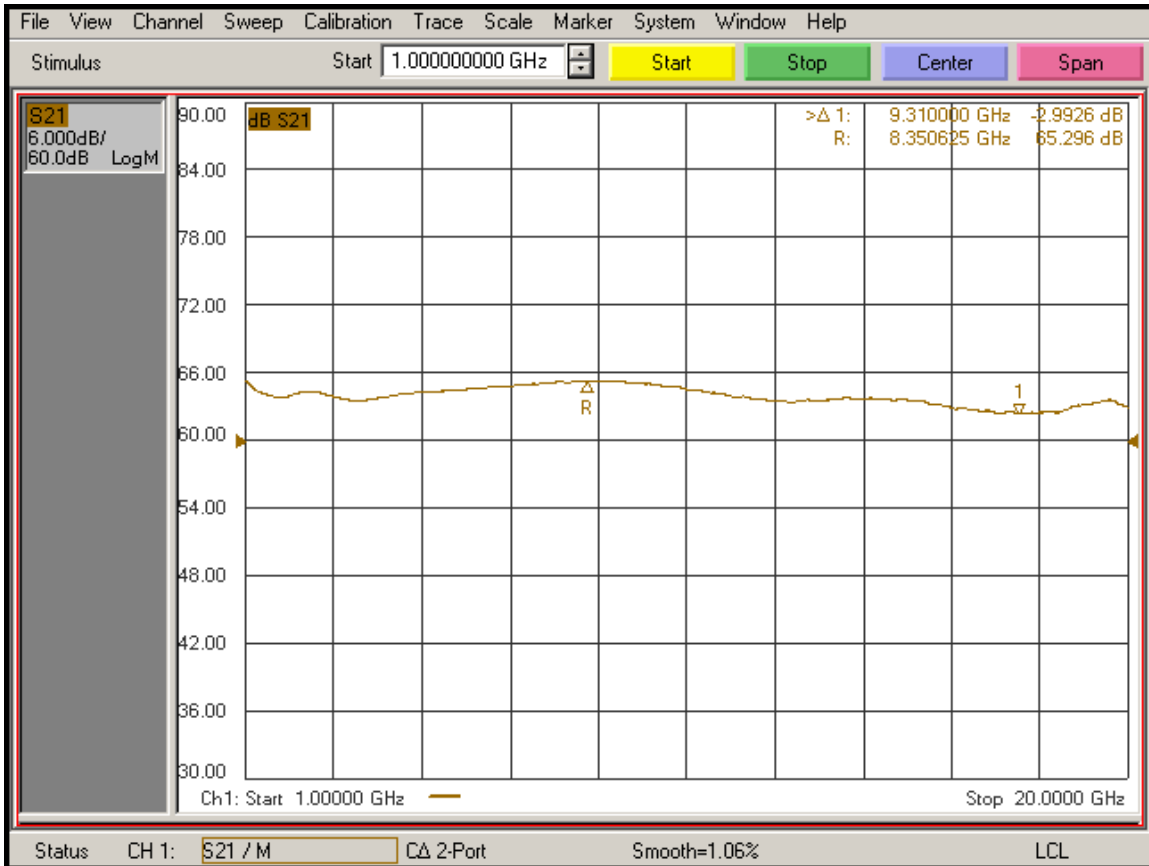
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1.0 – 20.0 GHz	Pass (See Plot)	
2	Gain:	+60dB Typ.	Pass (See Plot)	
3	Gain Flatness:	±3.0dB Typ.	±1.49dB	
4	Noise Figure:	5.0dB Max.	Pass (See Plot)	
5	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
6	OP1dB:	+10dBm Min.	≥ +10dBm	

Production Manager Approval:  Date: 05/17/07

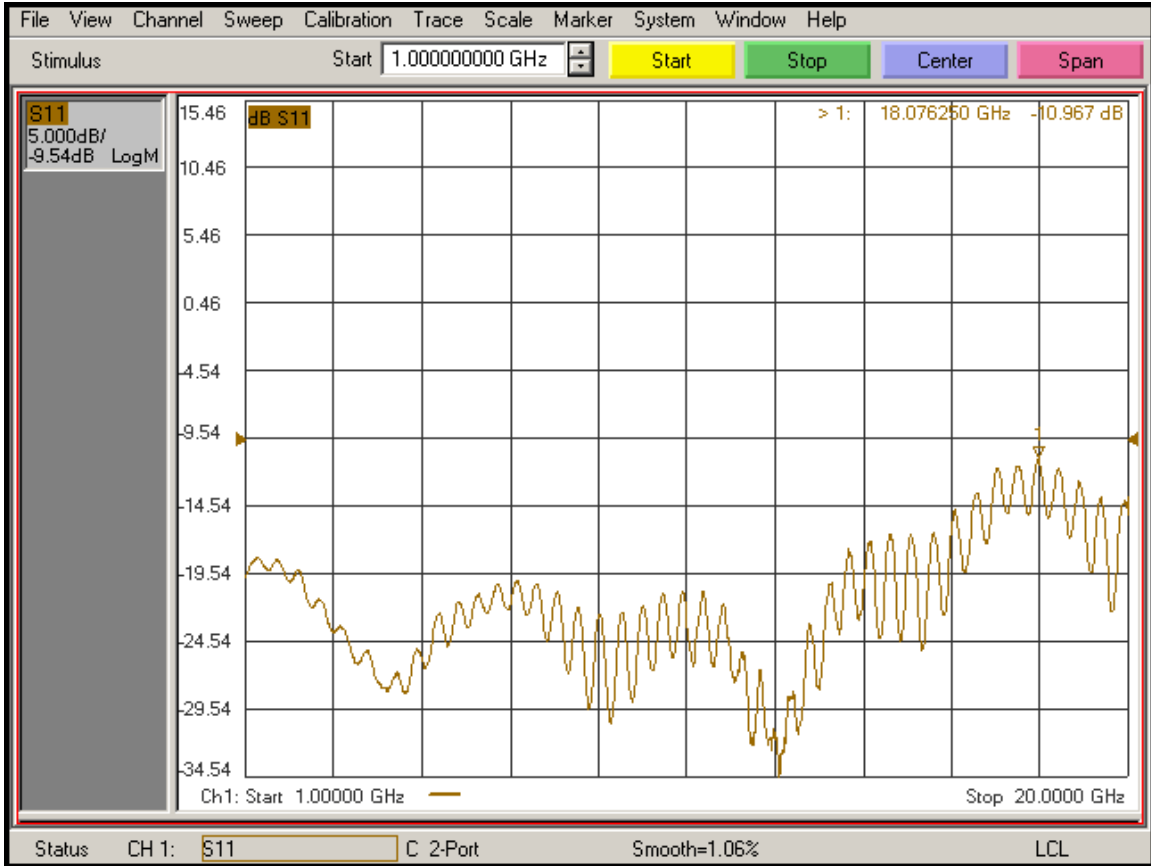
QA/QC Approval:  Date: 05/17/07

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 email: [sales@planarelec.com](mailto:sales@planarelec.com)

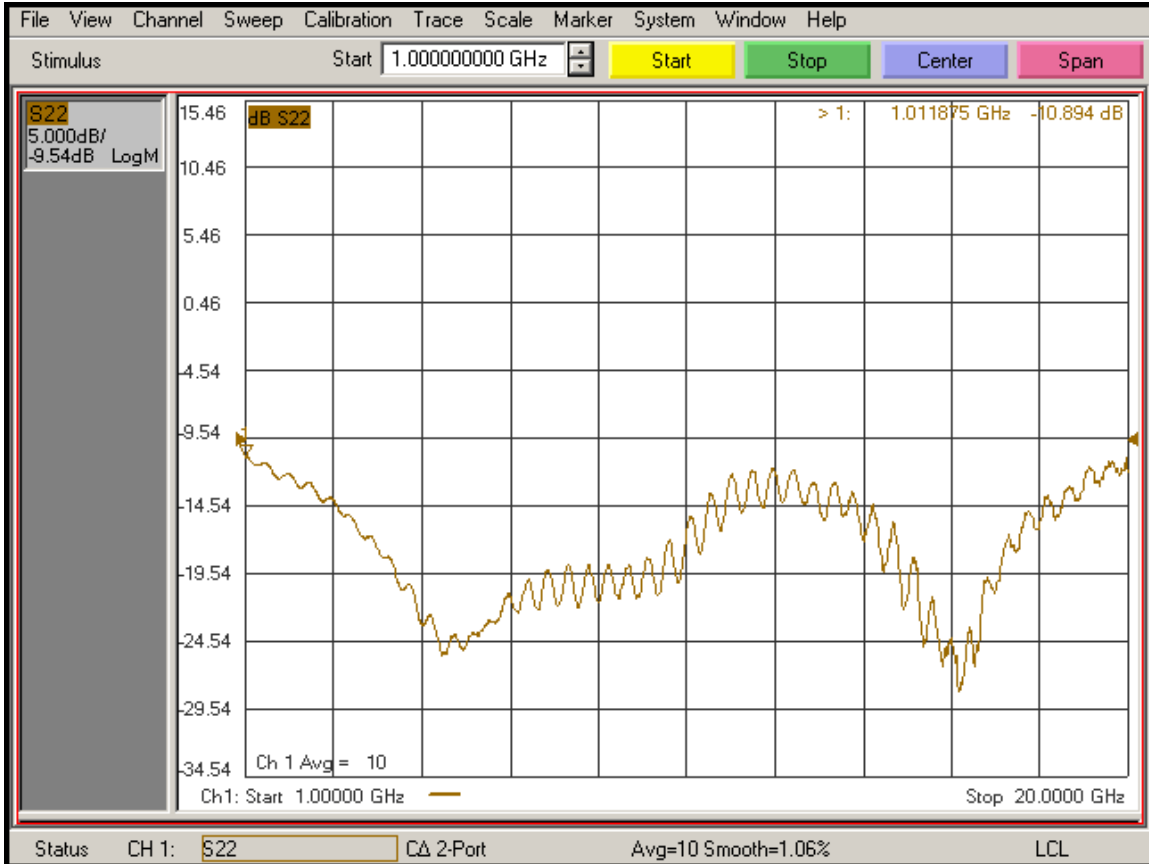
### Swept S21 Plot



### Swept S11 Plot

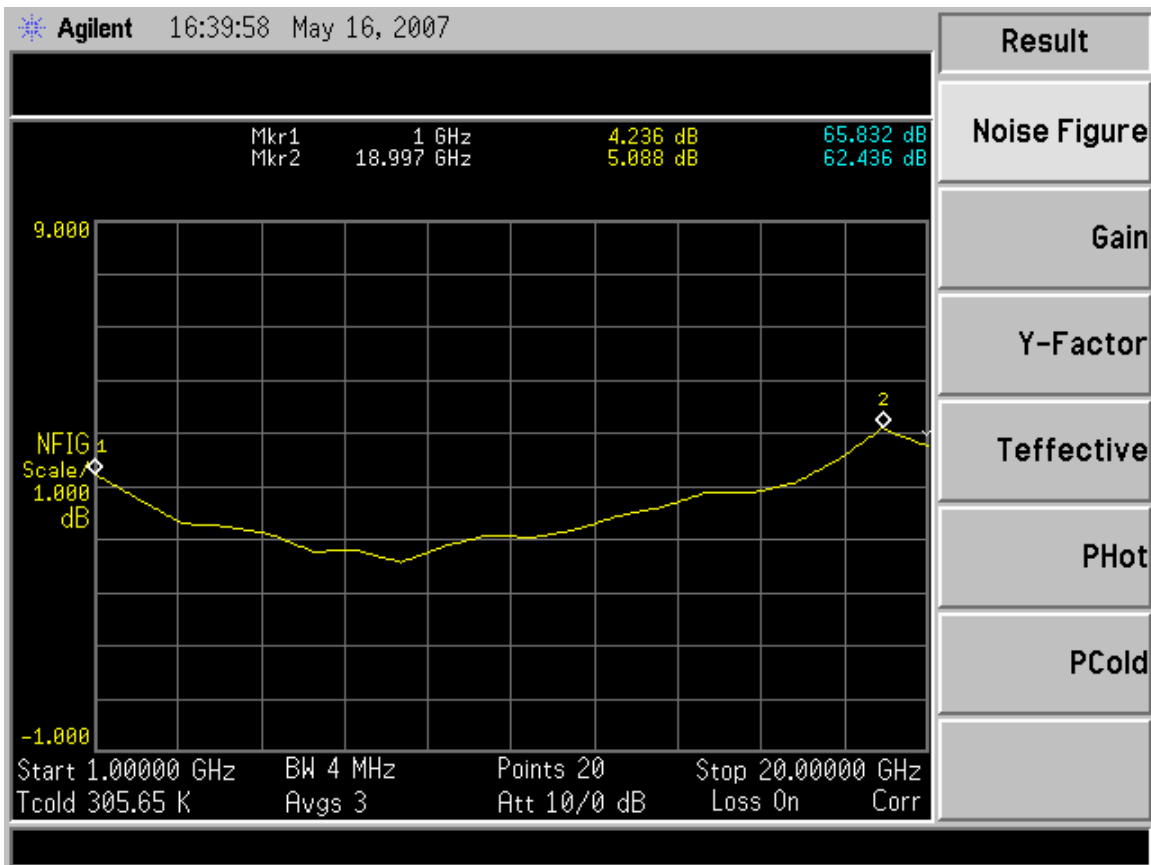


### Swept S22 Plot





### Noise Figure Plot



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