




SUMMARY TEST DATA ON AMPLIFIER

Customer :
Job No :
Model No : PE2-40-218-15-SFF Rev.B
Serial No : PL3158

Tested By : Kevin Mason
Temperature : +25°C
Date : 03/29/07

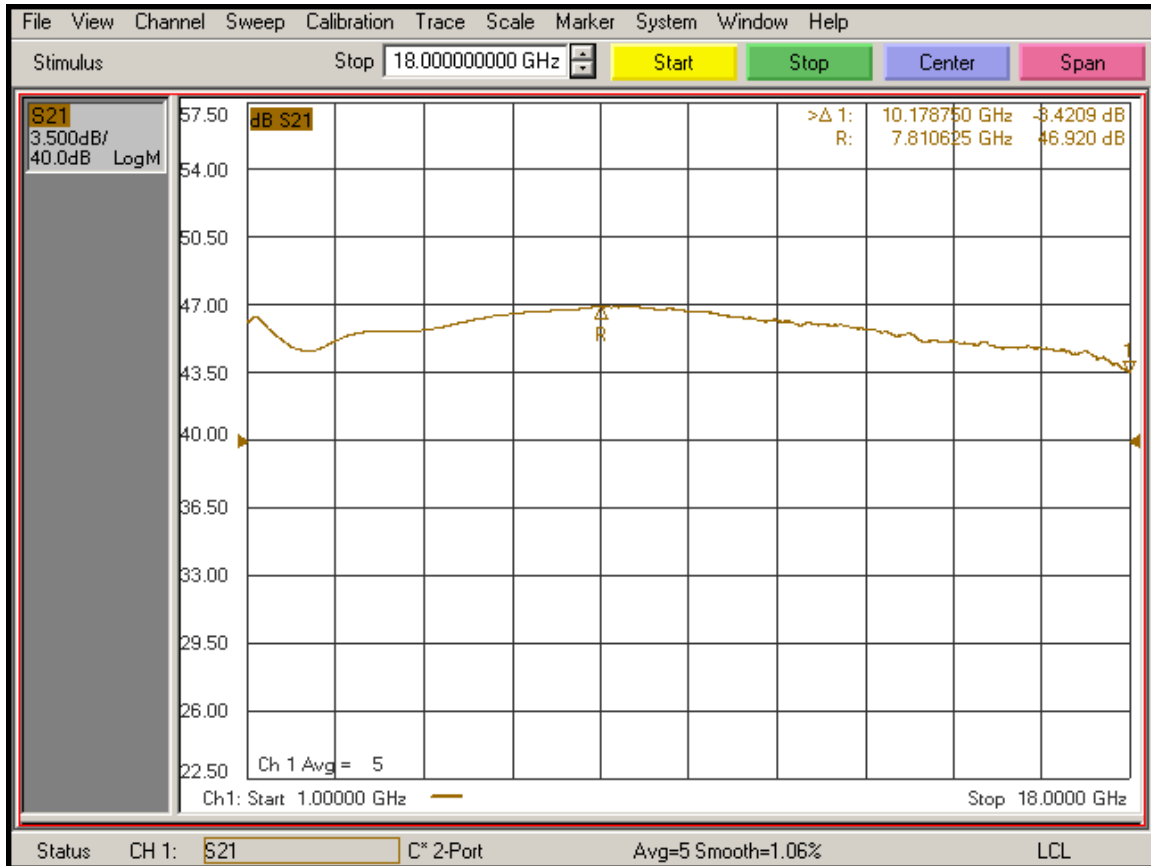
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1.0 – 18.0 GHz	Pass (See Plot)	
2	Gain:	+40dB Typ.	Pass (See Plot)	
3	Gain Flatness:	± 1.75dB Max.	± 1.71dB	
4	Noise Figure:	4.5dB Max.	Pass (See Plot)	
5	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
6	OP1dB:	+10dBm Min.	≥ +10dBm	
7	DC Supply:	300mA @ +12V Max.	345mA	+45mA

Production Manager Approval:  **Date: 03/29/07**

QA/QC Approval:  **Date: 03/29/07**

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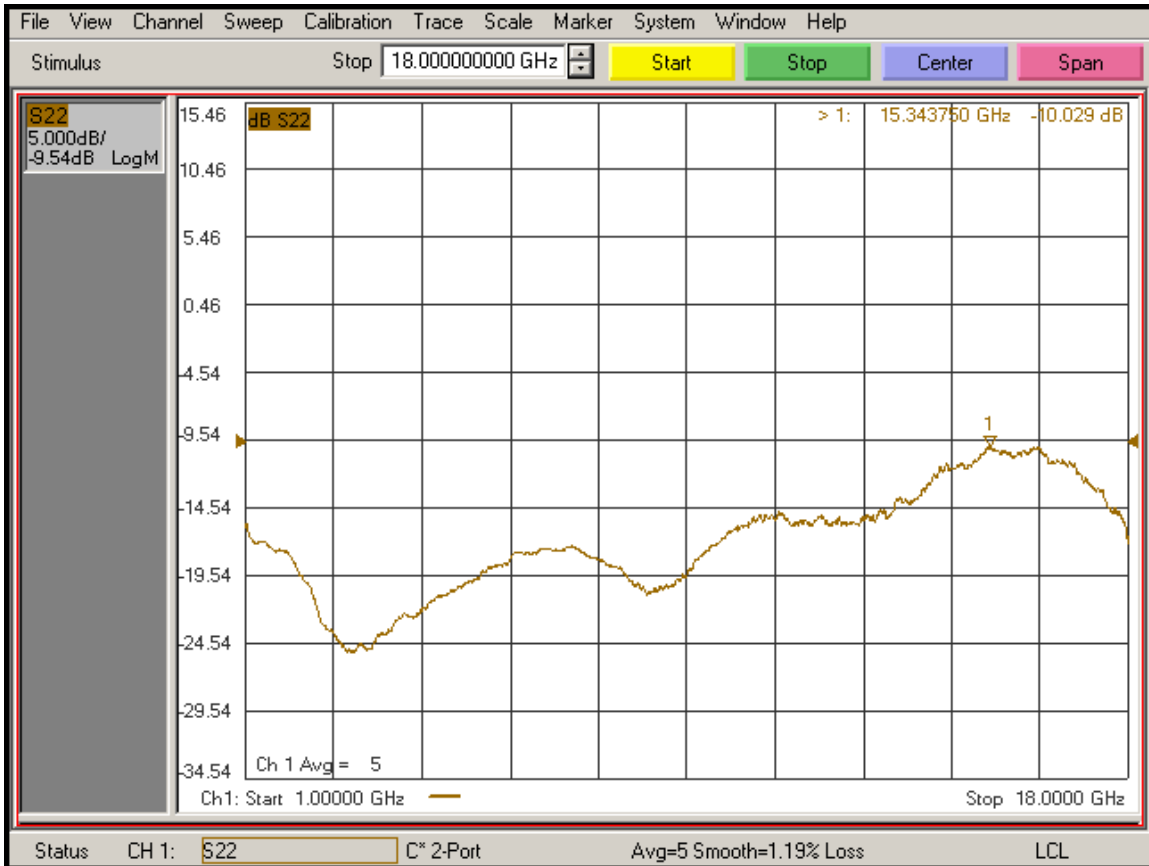
Swept S21 Plot



Swept S11 Plot

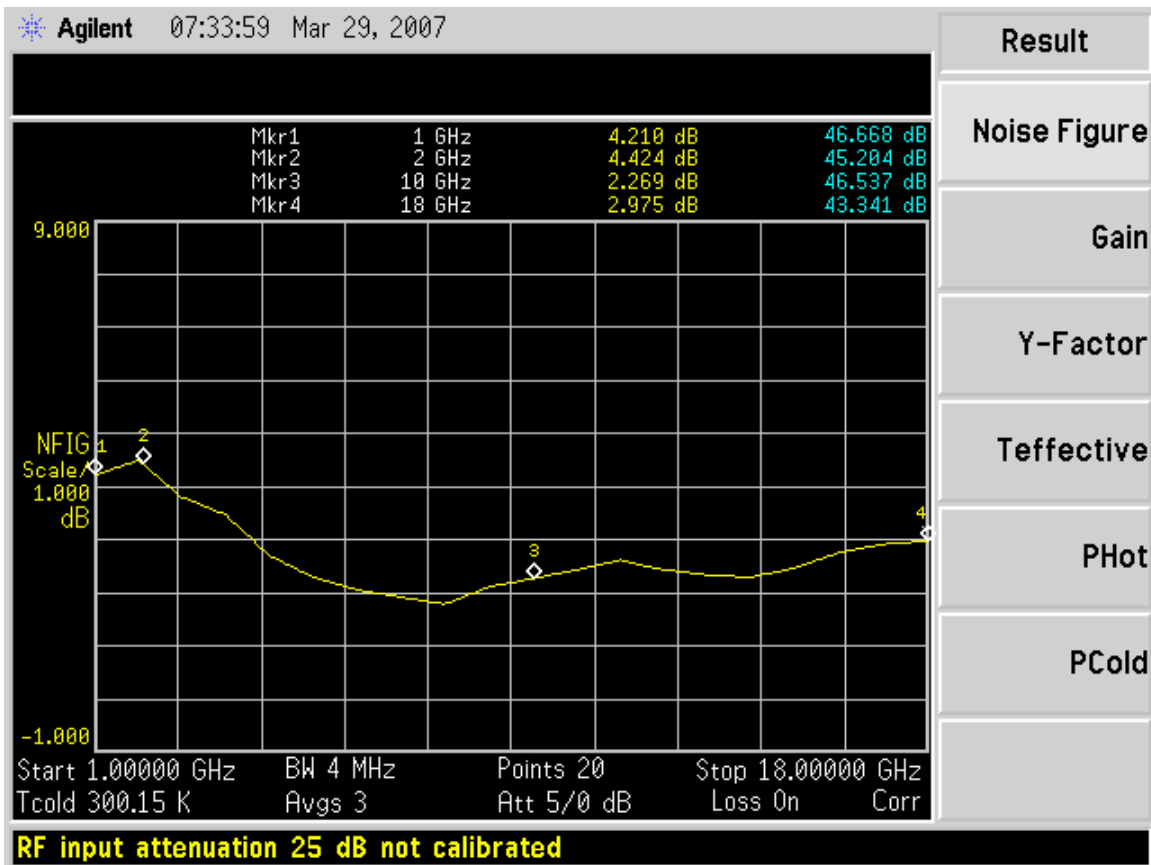


Swept S22 Plot





Noise Figure Plot



- Result
- Noise Figure
- Gain
- Y-Factor
- Teffective
- PHot
- PCold