



SUMMARY TEST DATA ON AMPLIFIER

Customer :
Job No : PE701006-A
Model No : PTB-30-2040-5R0-10-115VAC-292FF
Serial No : PL3160

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

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	20.0 – 40.0 GHz	Pass (See Plot)	
2	Gain:	+30dB Typ.	Pass (See Plot)	
3	Gain Flatness:	± 2.0dB Max.	± 1.66dB	
4	*Noise Figure:	5.0dB Typ.	Pass (See Plot)	
5	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
6	OP1dB:	+10dBm Min.	≥ +10dBm	

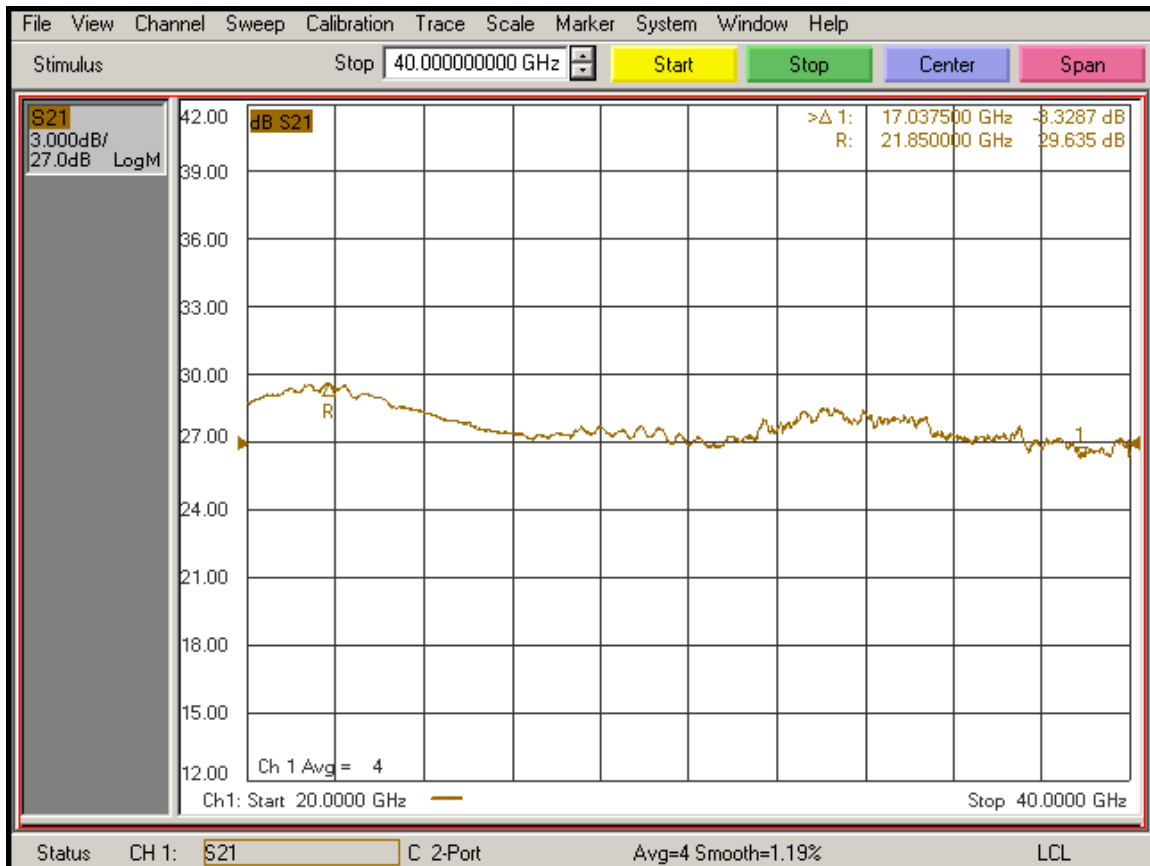
*Only measured to 26.5GHz

Production Manager Approval:  Date: 03/29/07

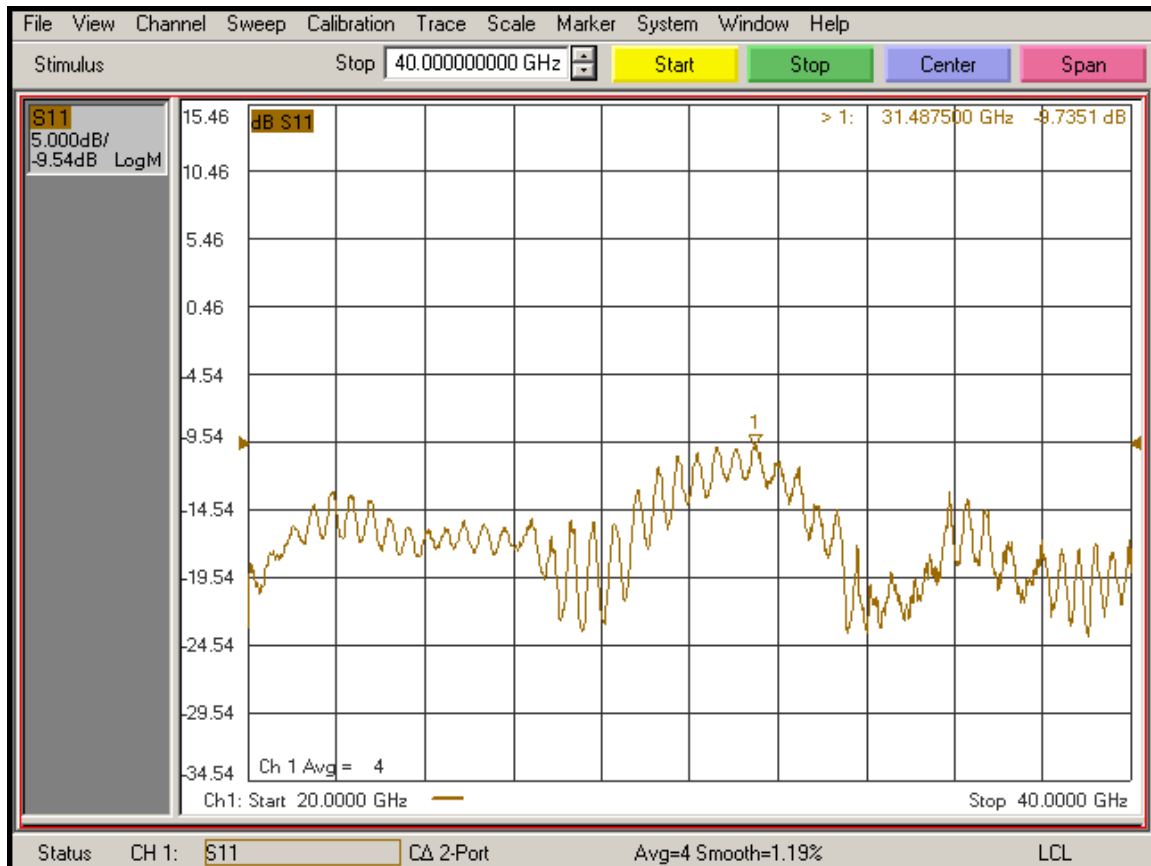
QA/QC Approval:  Date: 03/29/07

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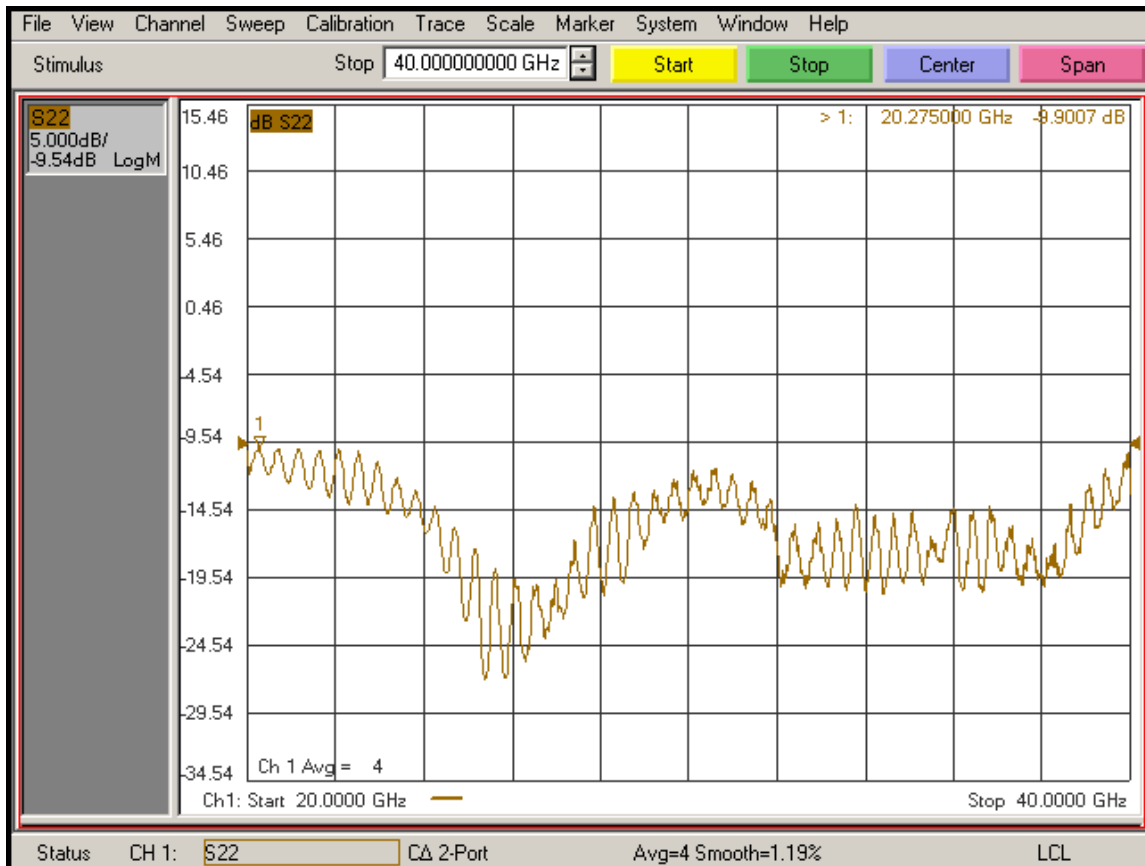
Swept S21 Plot



Swept S11 Plot



Swept S22 Plot





Noise Figure Plot

