



SUMMARY TEST DATA ON AMPLIFIER

Customer :
Job No :
Model No : PE2152518R515SFFLM
Serial No : PL1515

Tested By : Kevin Mason
Temperature : +25°C
Date : 01/14/05

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.25 – 18.5GHz	Pass (See Plot)	
2	Gain Nominal:	+15dB	Pass (See Plot)	
3	Flatness:	±1.5 dB Goal	±0.85 dB	
4	*Noise Figure:	6.5 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+16dBm Min.	≥ +16dBm	
6	VSWR:	Input : 2.3:1 Output: 2.3:1 Max.	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Max.	266mA @ +15V	

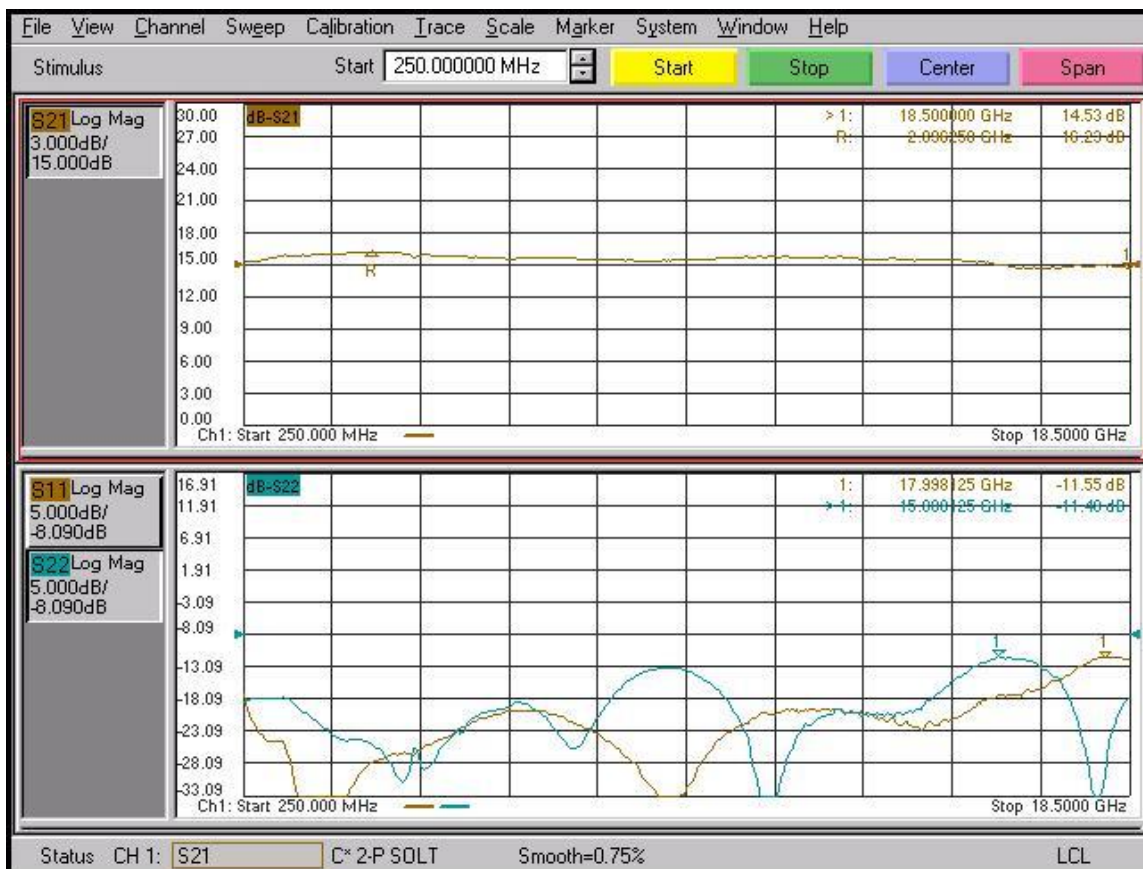
*Specification valid only above 500MHz

Production Manager Approval:  Date: 01/14/05

QA/QC Approval:  Date: 01/14/05

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VNA Plot



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Noise Figure Plot

