



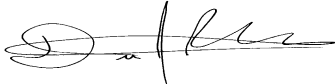
**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-25-0R15-15-SFF  
 Serial No : PL715R1

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 10/22/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.1 – 5.0 GHz	Pass (See Plot)	
2	Gain Nominal:	+20 to +30 dB Min.	Pass (See Plot)	
3	Flatness:	±1.5 dB Max.	±0.47 dB	
4	Noise Figure:	8.0 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+5 dBm Min.	≥ +5 dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
7	DC Supply:	150mA @ +15V Max.	106mA @ +15V	

Production Manager Approval:  Date: 10/22/03

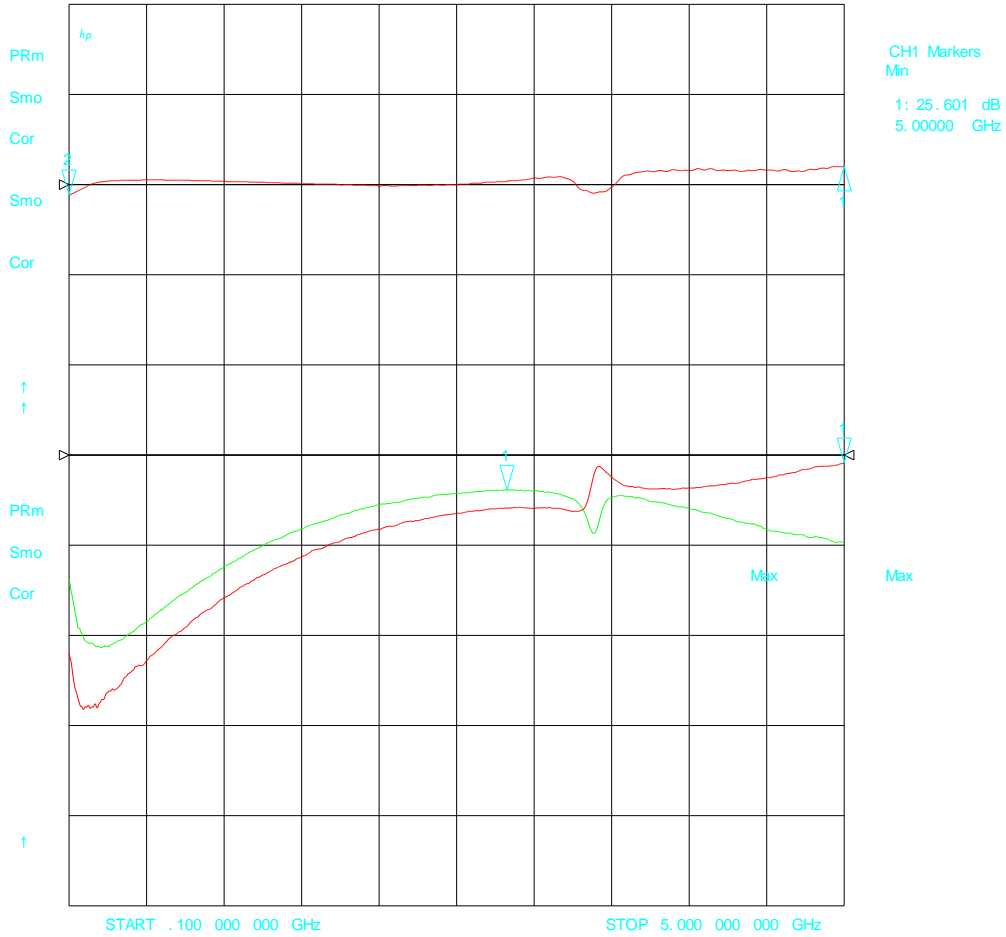
QA/QC Approval:  Date: 10/22/03

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### VNA Plot

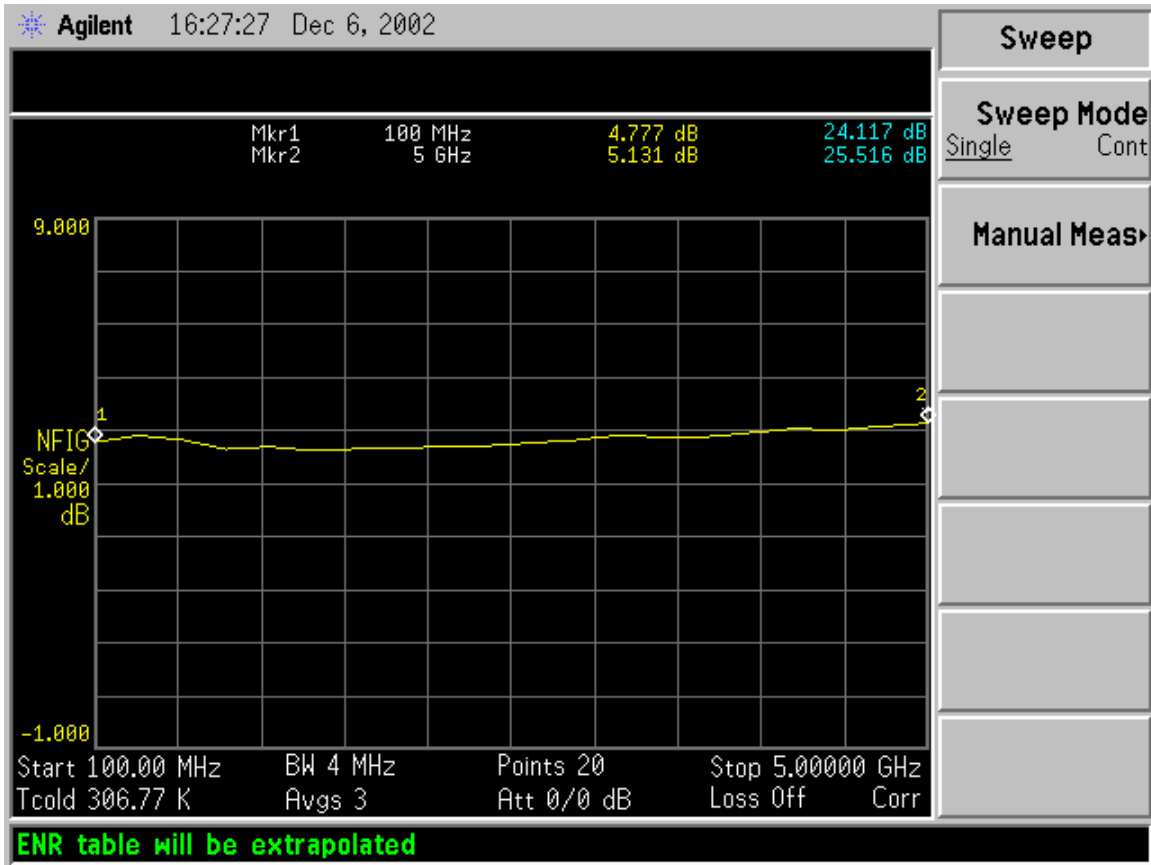
22 Oct 2003 10:36:52

CH1	S21	LOG	3 dB/	REF 25 dB	2: 24.650 dB	.100 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -11.476 dB	2.868 500 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -9.9820 dB	5.000 000 000 GHz





### Noise Figure Plot (reconfirmed 10/22/03)



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