




**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE21020R51815SFF
 Serial No : PL786/0306

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 02/06/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.5 - 18 GHz	Pass (See Plot)	
2	Gain: Positive Gain Slope	10dB @ 500 MHz 18dB @ 18 GHz	Pass (See Plot)	
3	Noise Figure	<u>Not Specified</u>	See Plot	
3	Pout @ 1dB Compression:	+12 dBm Min.	≥ +12 dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 Max.	Pass (See Plot)	
7	DC Supply:	240mA @ +15V Max.	191mA @ +15V	

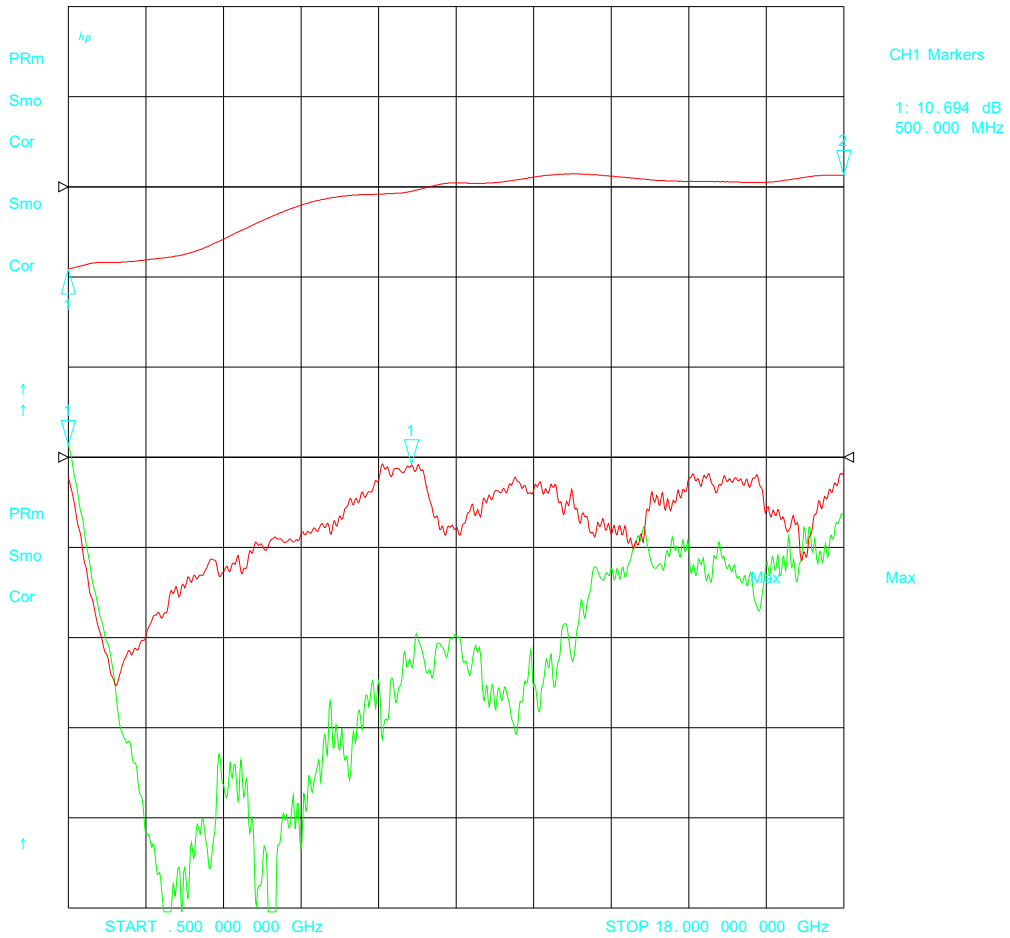
Production Manager Approval:  Date: 02/06/03

QA/QC Approval:  Date: 02/06/03

VNA Plot

6 Feb 2003 16:48:44

CH1	S21	LOG	8 dB/	REF 18 dB	2: 19.005 dB	18.000 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -8.8680 dB	.500 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -9.9420 dB	8.243 750 000 GHz



Noise Figure Plot

