



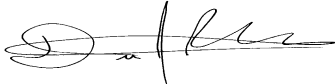
**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE2152518R515SFFLM
 Serial No : PL790/0307

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 02/11/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.25 – 18.5 GHz	Pass (See Plot)	
2	Gain Nominal:	+15 dB	+15 dB	
3	Flatness:	±1.5 dB goal	±1.5 dB	
4	Noise Figure:	6.5 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+16 dBm Min.	≥ +16 dBm	
6	VSWR:	Input : 2.3:1 Output: 2.3:1 Max.	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Max.	206mA @ +15V	

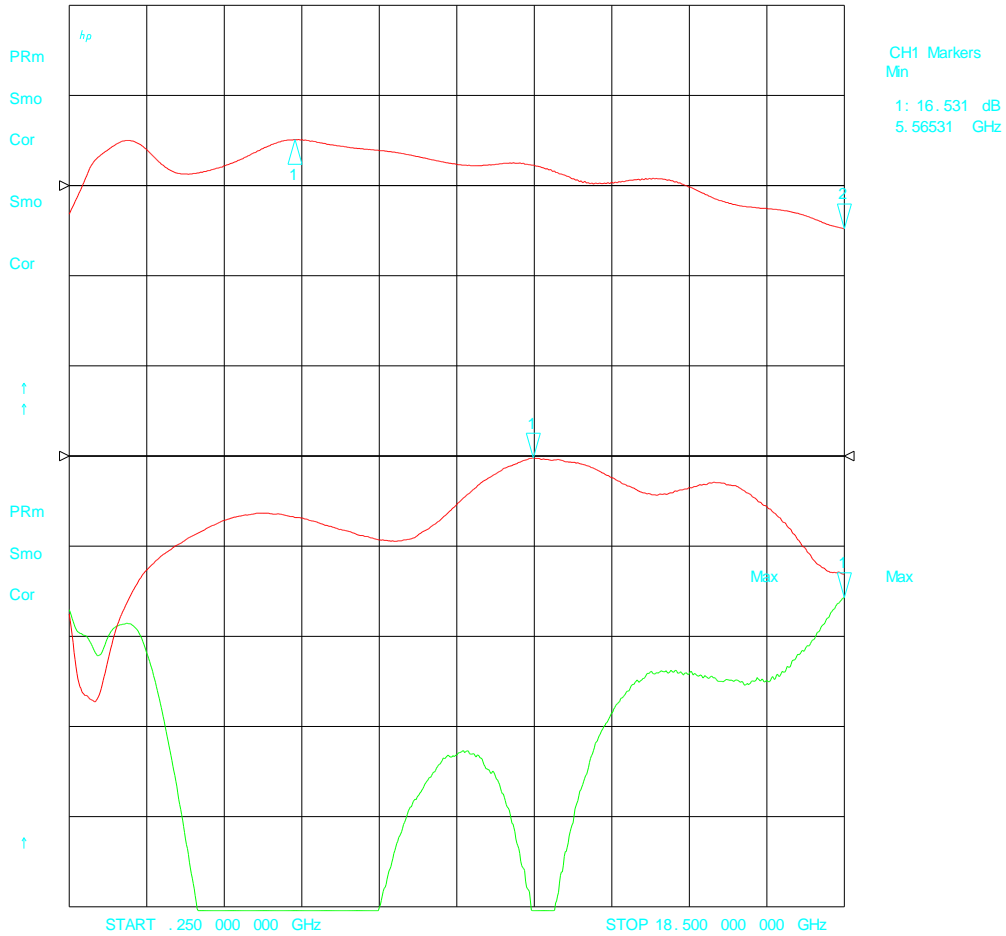
Production Manager Approval:  Date: 02/11/03

QA/QC Approval:  Date: 02/11/03

VNA Plot

11 Feb 2003 15:18:10

CH1	S21	LOG	3 dB/	REF 15 dB	2:	13.562 dB	18.500 000 000 GHz
CH2	S11	LOG	5 dB/	REF -8.09 dB	1:-	15.959 dB	18.500 000 000 GHz
CH3	S22	LOG	5 dB/	REF -8.09 dB	1:-	8.200 dB	11.177 187 500 GHz



Noise Figure Plot

