



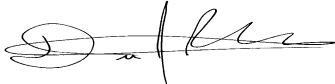
**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE2-35-118-8-15-SFF
 Serial No : PL941/0324

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

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1 - 18 GHz	Pass (See Plot)	
2	Gain:	+35 dB	Pass (See Plot)	
3	Flatness:	±2.5 dB Max.	±2.02 dB	
4	Noise Figure:	4.7 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+8 dBm Min.	≥ +8 dBm	
6	VSWR:	Input : 2.3:1 Output: 2.3:1 (Max.)	Pass (See Plot)	
7	DC Supply:	380mA @ +15V Max.	208mA @ +15V	

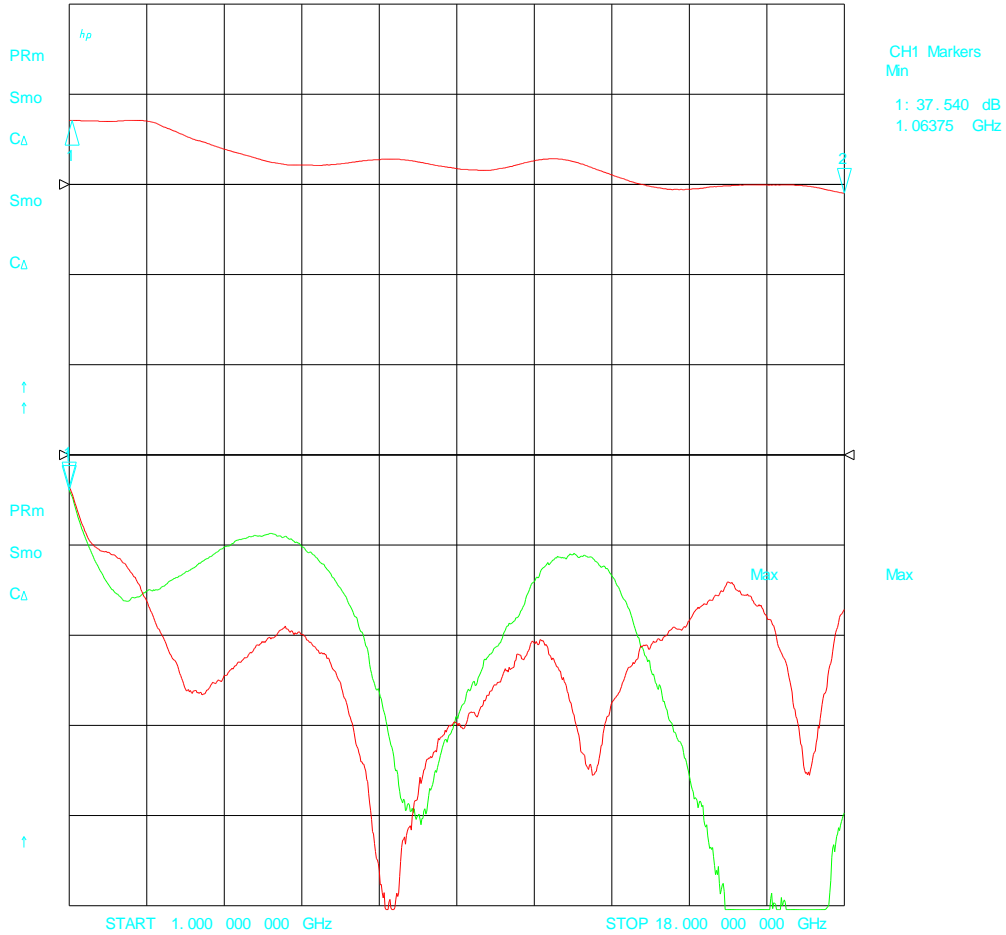
Production Manager Approval:  Date: 06/02/03

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

VNA Plot

2 Jun 2003 08:38:17

CH1	S21	LOG	5 dB/	REF 34 dB	2: 33.503 dB	18.000 000 000 GHz
CH2	S11	LOG	5 dB/	REF -8.09 dB	1: -10.068 dB	1.000 000 000 GHz
CH3	S22	LOG	5 dB/	REF -8.09 dB	1: -9.8790 dB	1.000 000 000 GHz



Noise Figure Plot

