



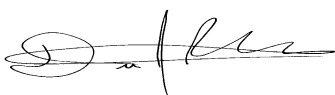
**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-18-218-15-SFM  
 Serial No : PL1076

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 09/08/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2-18 GHz	Pass (See Plot)	
2	Gain Window:	15 to 18dB	Pass (See Plot)	
3	Flatness:	±1.5 dB Max.	±1.11 dB	
4	Noise Figure:	4.5 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+15 dBm Min.	≥ +15 dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 Max.	Pass (See Plot)	
7	DC Supply:	200mA @ +15V Max.	142mA @ +15V	

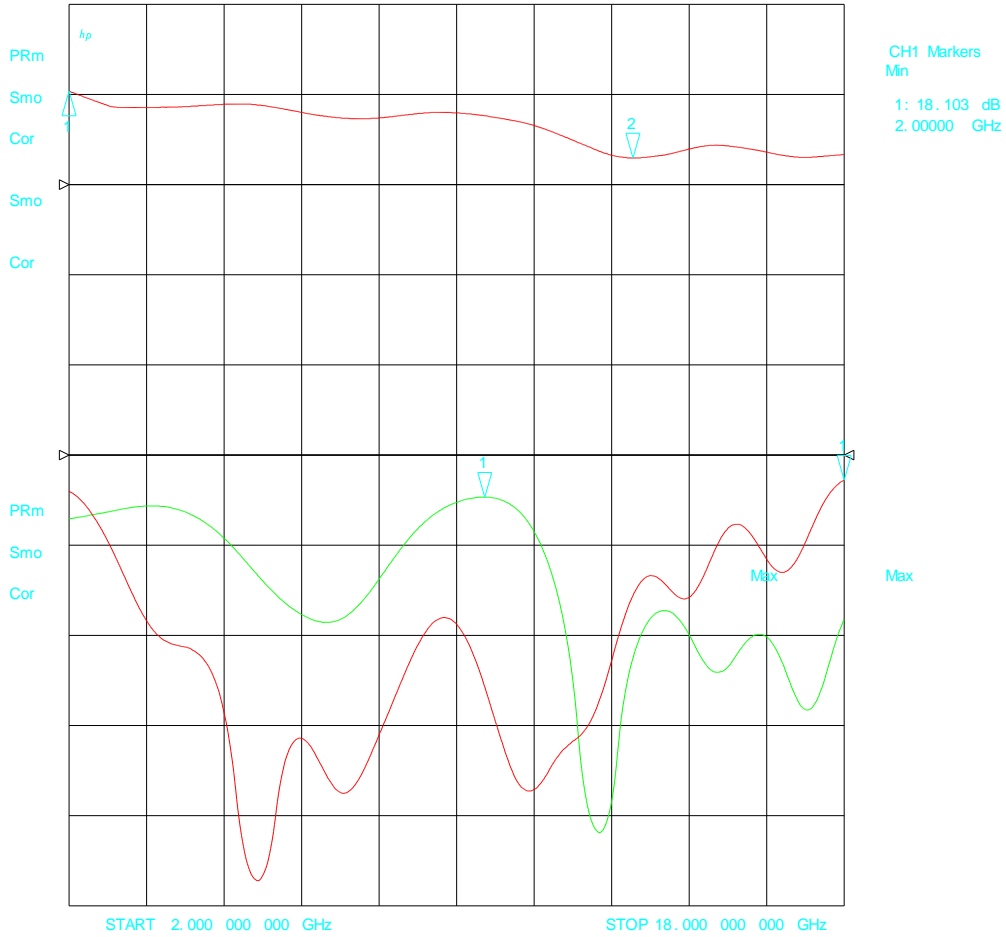
Production Manager Approval:  Date: 09/08/03

QA/QC Approval:  Date: 09/08/03

### VNA Plot

8 Sep 2003 15:39:58

CH1	S21	LOG	3 dB/	REF 15 dB	2: 15.881 dB	13.640 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -11.876 dB	10.580 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -10.934 dB	18.000 000 000 GHz



### Noise Figure Plot

