



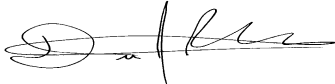
**SUMMARY TEST DATA
ON AMPLIFIER**

Customer
Job No
Model No : PE2-18-0R0518-15-SFF
Serial No : PL886/0319

Tested By : Kevin Mason
Temperature : +25°C
Date : 05/01/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.05 – 18.0 GHz	Pass (See Plot)	
2	Gain typical:	+18 dB	Pass (See Plot)	
3	Flatness:	± 2.5 dB Max.	± 1.44dB	
4	Noise Figure:	7.5 dB Max. (0.5-18GHz)	Pass (See Plot)	
5	Pout @ 1dB Compression:	+12 dBm Min. (0.5-18GHz)	≥ +12 dBm	
6	VSWR:	Input : 2.5:1 Output: 2.5:1 (Max.)	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Max.	176mA @ +15V	

Production Manager Approval:  Date: 05/01/03

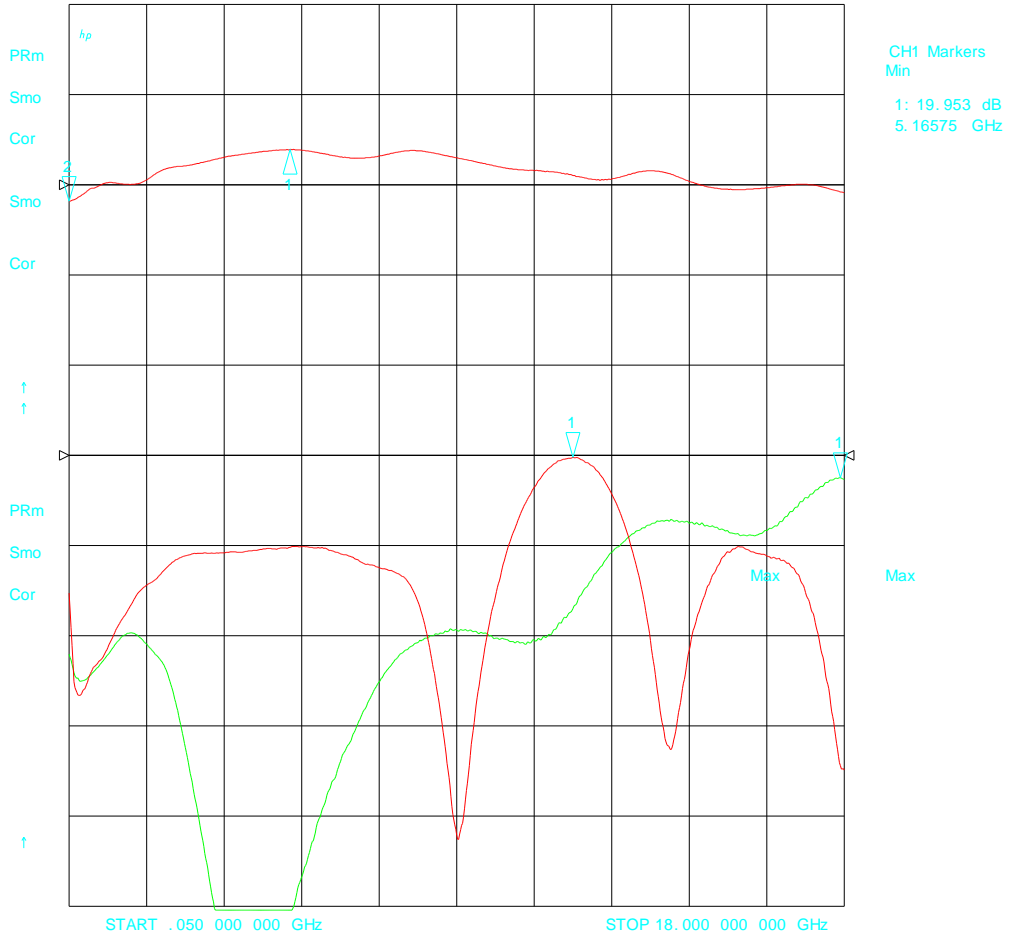
QA/QC Approval:  Date: 05/01/03

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VNA Plot

1 May 2003 15:34:55

CH1	S21	LOG	5 dB/	REF 18 dB	2: 17.070 dB	.050 000 000 GHz
CH2	S11	LOG	5 dB/	REF -7.36 dB	1: -8.6000 dB	17.910 250 000 GHz
CH3	S22	LOG	5 dB/	REF -7.36 dB	1: -7.4830 dB	11.717 500 000 GHz



Noise Figure Plot

