



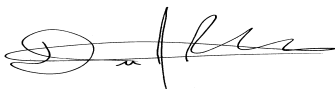
**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE21020R51815SFF
 Serial No : PL787/0306

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.	195mA @ +15V	

Production Manager Approval:  Date: 02/06/03

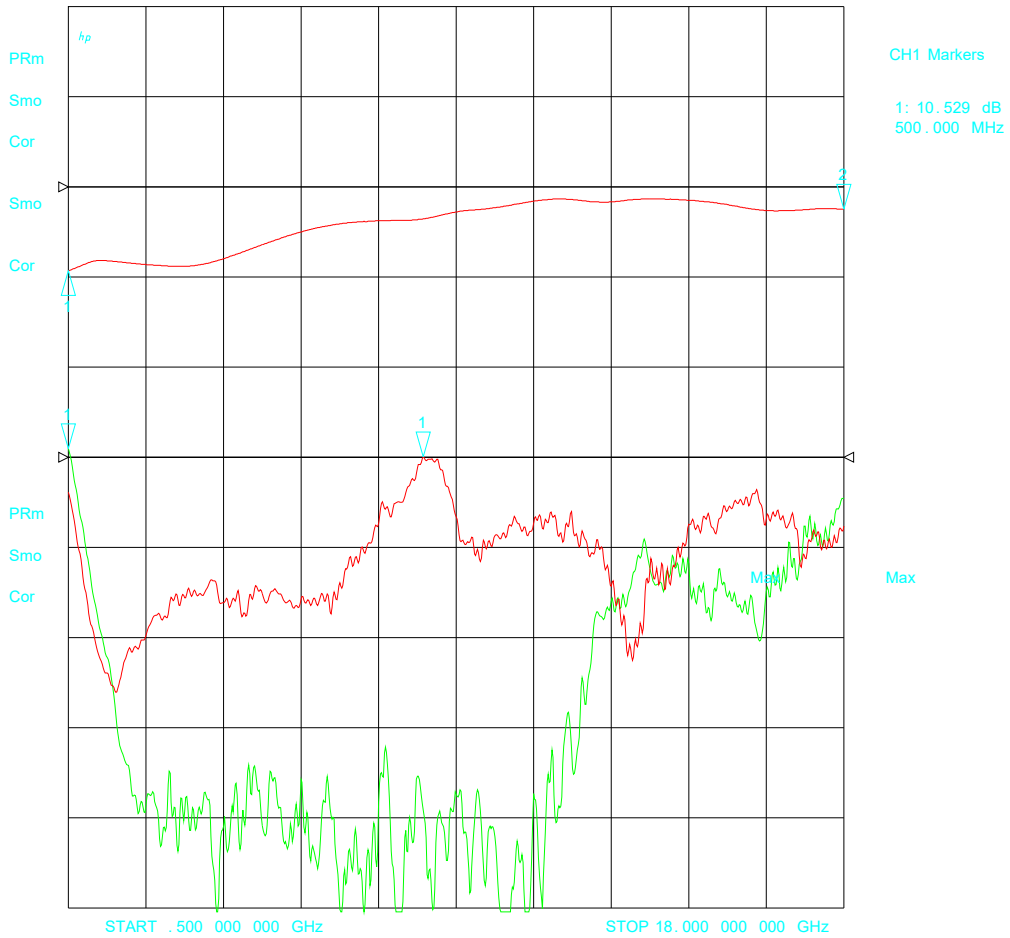
QA/QC Approval:  Date: 02/06/03

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VNA Plot

6 Feb 2003 16:49:32

CH1	S21	LOG	8 dB/	REF 18 dB	2: 16.010 dB	18.000 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -9.0570 dB	.500 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -9.5250 dB	8.506 250 000 GHz



Noise Figure Plot

