



**SUMMARY TEST DATA  
ON  
AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-22-1123-12-SFF  
 Serial No : PL948/0326

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 06/13/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	11 – 23 GHz	PASS	
2	Gain Nominal Typ.	+21.5 dB	See Plot	
3	Flatness:	±1.5 dB max.	±1.79 dB	+0.29dB
4	Noise Figure:	8.0 dB max.	See plot	
5	Pout @ 1dB Compression:	+22 dBm min.	≥ +22 dBm	
6	VSWR:	Input : 2.1:1 Output: 2.1:1 Max.	See plot	
7	DC Supply:	600mA @ +12V max.	599mA @ +12V	

Production Manager Approval:  Date: 06/13/03

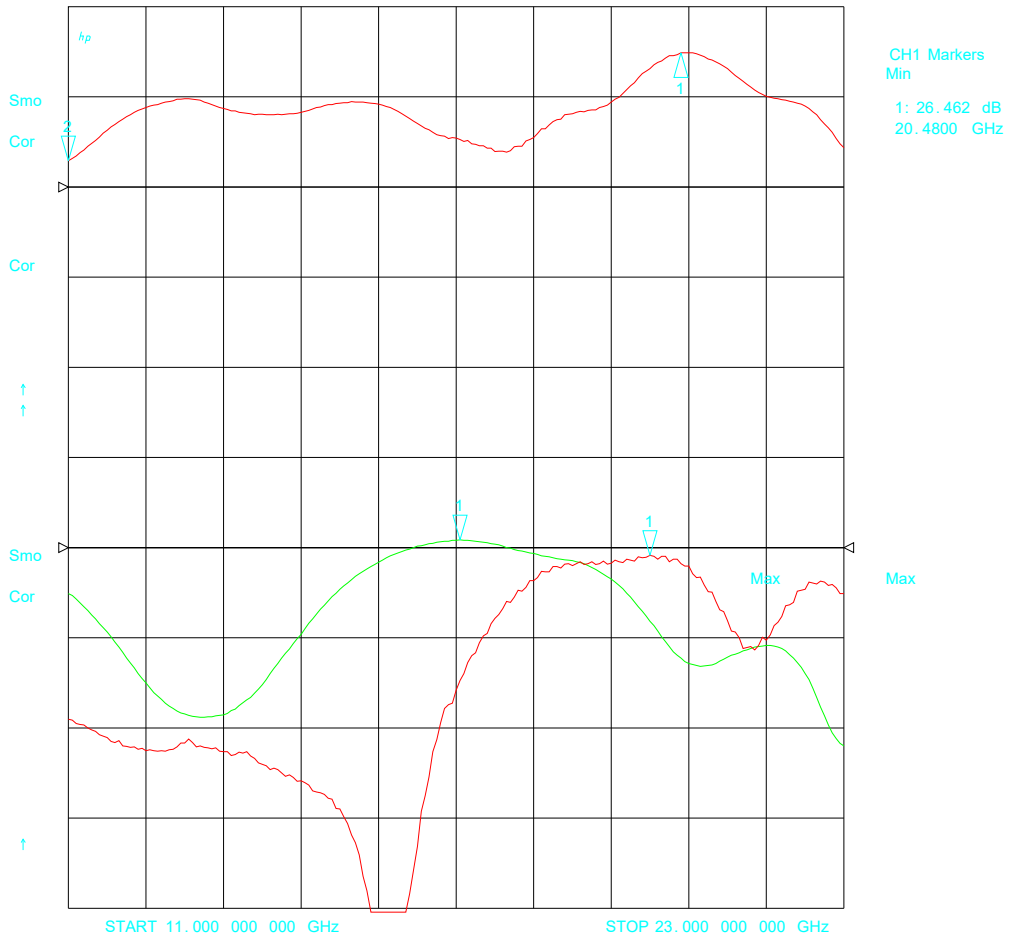
QA/QC Approval:  Date: 06/13/03

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**VNA PLOT**  
**Model No: PE2-22-1123-12-SFF**

13 Jun 2003 09:22:21

CH1	S21	LOG	3 dB/	REF 22 dB	2: 22.873 dB	11.000 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -9.1290 dB	17.060 000 000 GHz
CH3	S22	LOG	5 dB/	REF -7 dB	1: -7.4300 dB	20.000 000 000 GHz



**Noise Figure Plot**  
**Model No: PE2-22-1123-12-SFF**

