



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer
Job No
Model No : PM2-30-812-25-15-SFF
Serial No : PL1203

Tested By : Kevin Mason
Temperature : +25°C
Date : 01/13/04

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	8.0 – 12.0 GHz	Pass (See Plot)	
2	Gain Min.:	+30dB	Pass (See Plot)	
3	Flatness:	±1.25 dB Max.	±0.65 dB	
4	Noise Figure:	3.0 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+25 dBm Min.	≥ +25 dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
7	DC Supply:	760mA @ +15V Max.	717mA @ +15V	

Production Manager Approval:  Date: 1/13/04

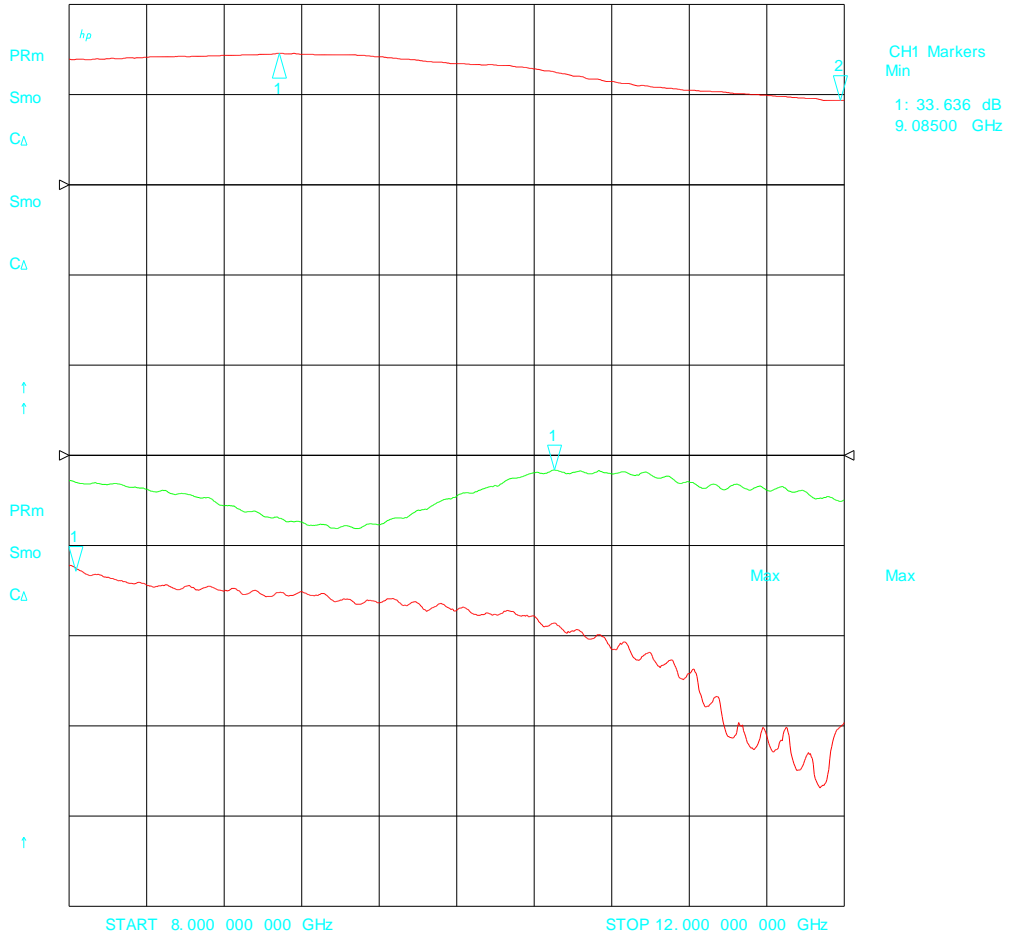
QA/QC Approval:  Date: 1/13/04

7311-G Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
email: sales@planarelec.com

VNA Plot

13 Jan 2004 11:23:05

CH1	S21	LOG	2.5 dB/	REF 30 dB	2: 32.334 dB	11.980 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -10.363 dB	10.505 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -15.968 dB	8.035 000 000 GHz



Noise Figure Plot

