



**-TYPICAL TEST DATA
ON AMPLIFIER**

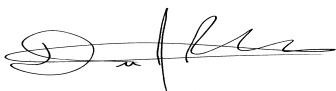
Customer :
 Job No :
 Model No : PM2-30-118-23-15-SFF
 Serial No : PL1124

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 10/16/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1 - 18 GHz	Pass (See Plot)	
2	Gain:	+30dB Typ.	Pass (See Plot)	
3	Flatness:	±1.5 dB Max	±1.46 dB	
4	Noise Figure:	5.0 dB Max.	Pass (See Plot)	
5*	Pout @ 1dB Compression:	+22 dBm Min.	≥ +22 dBm	
6	VSWR In/Out:	2.0:1 Max.	Pass (See Plot)	
7	DC Supply:	450mA @ +15VDC Max.	407mA @ +15VDC	

* measured at midband

Production Manager Approval:  Date: 10/16/03

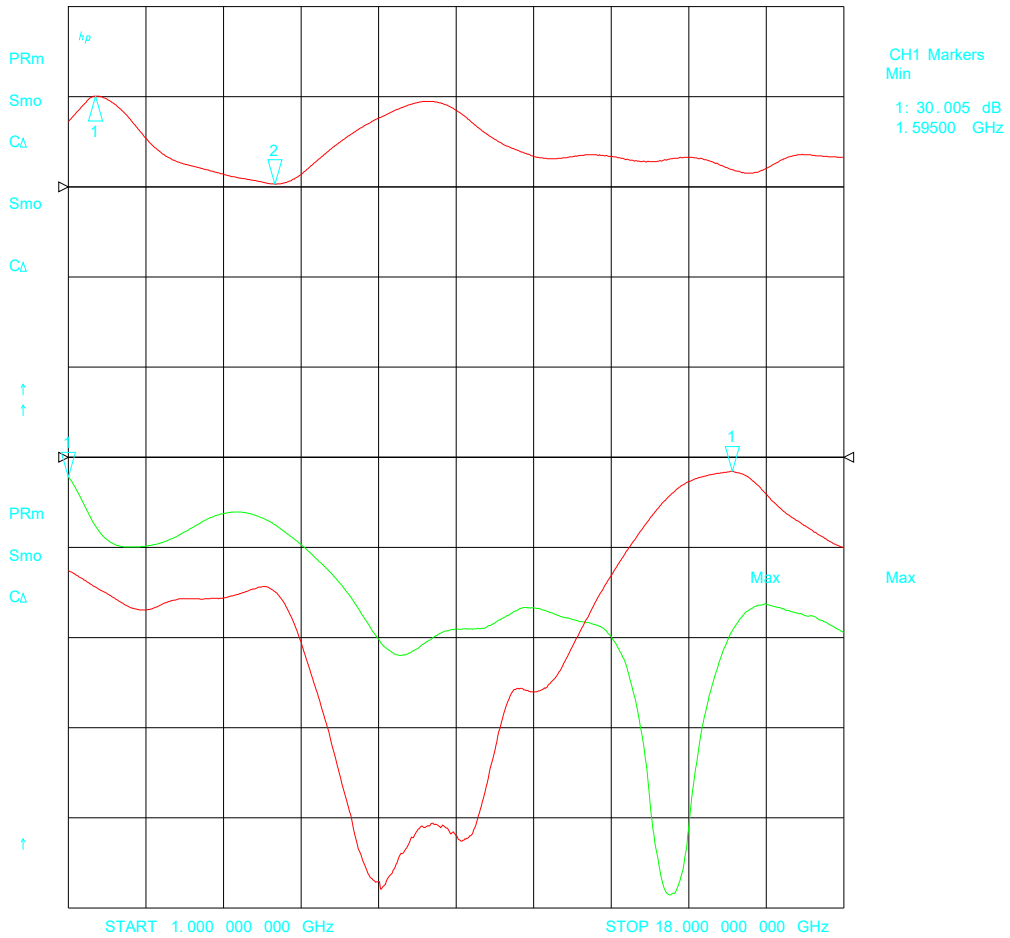
QA/QC Approval:  Date: 10/16/03

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

VNA Plot

16 Oct 2003 10:32:06

CH1	S21	LOG	3 dB/	REF 27 dB	2: 27.082 dB	5.526 250 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -10.645 dB	1.000 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -10.337 dB	15.556 250 000 GHz



Noise Figure Plot

