



SUMMARY TEST DATA ON AMPLIFIER

Customer :
 Job No :
 Model No : **PM2-21-0R640R72-6R0-23-15-SFF-TC**
 Serial No : **PL1326/0434**

Tested By : **Kevin Mason**
 Temperature : **-5°C**
 Date : **08/17/04**

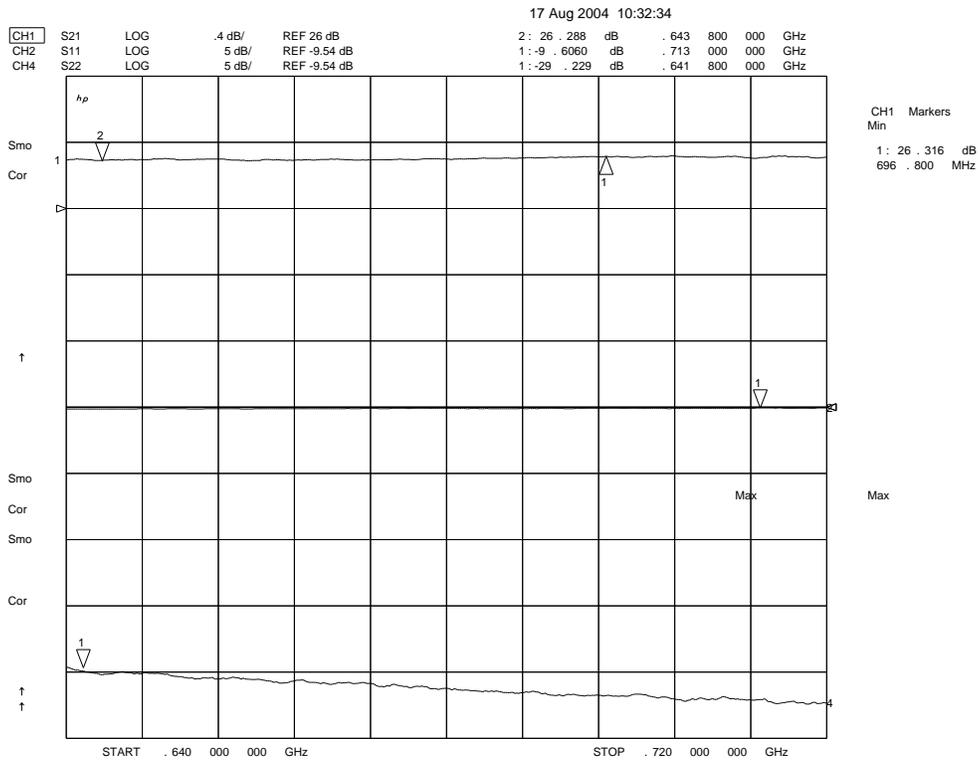
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	640 – 720 MHz	Pass (See Plot)	
2	Gain:	+21dB Min. +25dB Typ.	Pass (See Plot)	
3	Gain Flatness Over Freq.:	±0.4dB p-p Max.	±0.01dB	
4	Gain Variation Over Temp.	±0.6dB p-p Max.	Pass (See all plots)	
5	Noise Figure:	5.0dB Typ. 6.0dB Max.	Pass (See Plot)	
6	Pout @ 1dB Compression:	+23dBm Min.	≥ +23dBm	
7	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
8	DC Supply:	300mA @ +15V Max.	264mA @ +15V	
9	Operating Temp.	-5 to +60 Deg. C	Pass	

Production Manager Approval:  Date: **08/17/04**

QA/QC Approval:  Date: **08/17/04**

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

VNA Plot



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

Noise Figure Plot

