



**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PM2-28-12-2R5-22-15-SFF  
 Serial No : PL1680/0519

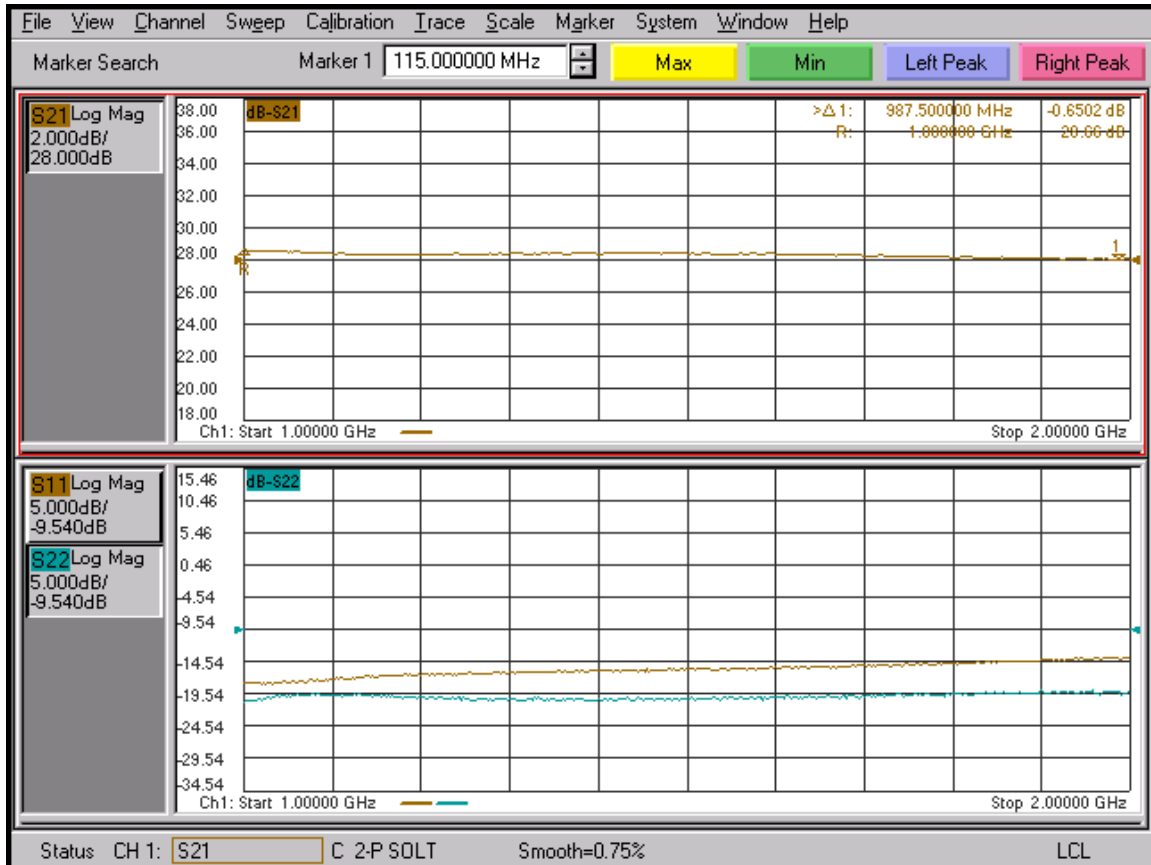
Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 04/29/05

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1.0 – 2.0 GHz	Pass (See Plot)	
2	Gain:	+28dB Typ.	Pass (See Plot)	
3	Flatness:	± 1.0dB Typ.	± 0.32dB	
4	Noise Figure:	2.5dB Typ.	Pass (See NF Plot)	
5	Pout @ 1dB Compression:	+22dBm Typ. +21dBm Min.	≥ +21dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
7	DC Supply:	300mA Typ. 400mA Max. +12 to +15VDC	345mA	

Production Manager Approval:  Date: 04/29/05

QA/QC Approval:  Date: 04/29/05

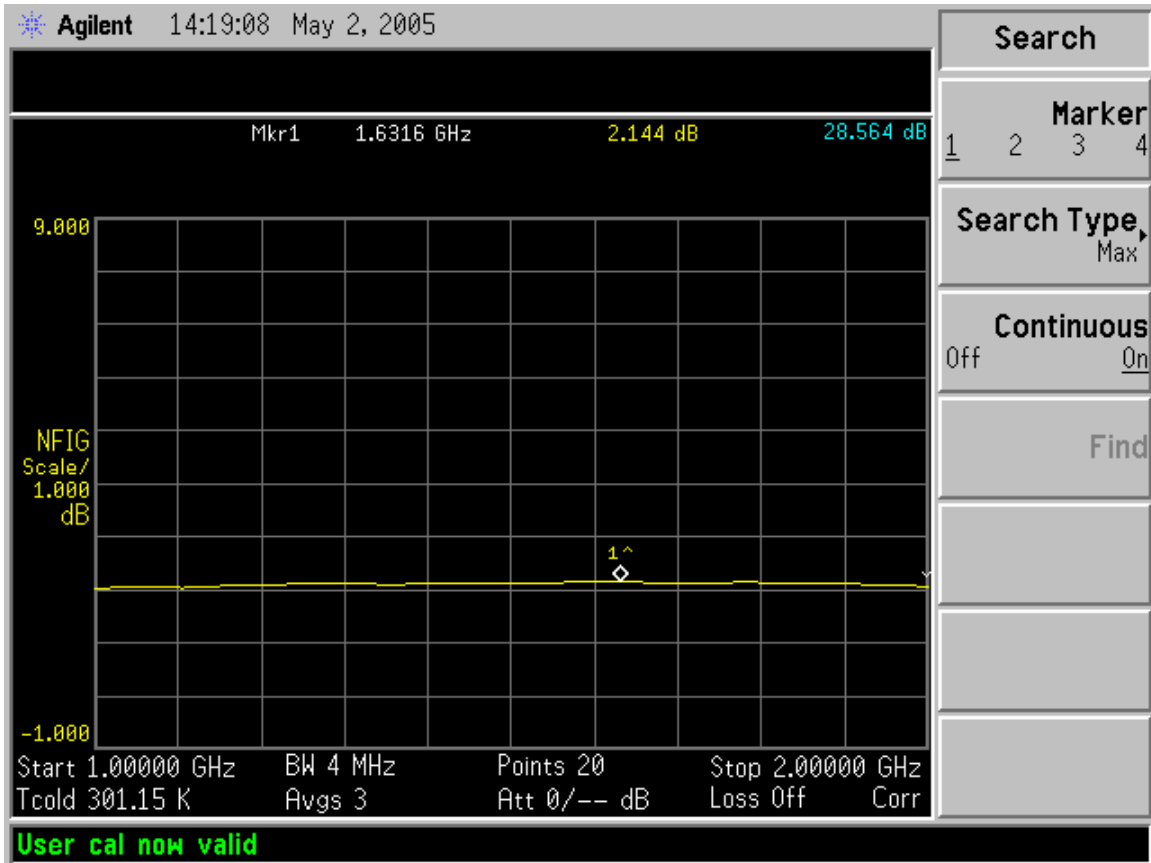
## Swept S-Parameter Plot



5715 Industry Lane, Unit 11, Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
email: [sales@planarelec.com](mailto:sales@planarelec.com)



### Noise Figure Plot



5715 Industry Lane, Unit 11, Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
email: [sales@planarelec.com](mailto:sales@planarelec.com)