



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PM2-0R0118-15-10-SFF
 Serial No : PL1490

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 01/06/05

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 MHz - 18 GHz	Pass (See Plot)	
2	Gain Window:	13.5 to 17.5dB	Pass (See Plot)	
3	Flatness:	±2.0 dB Max	±1.59 dB	
4	Noise Figure: 10-100 MHz 0.1GHz to 15GHz	10dB Max 7dB Max	Pass (See Plot)	
5	Pout @ 1dB Compression:	+13 dBm Min	≥ +13 dBm	
6	VSWR In/Out:	2.5:1 Max	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Typ.	191mA @ +15V	

Production Manager Approval:  Date: 01/06/05

QA/QC Approval:  Date: 01/06/05

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

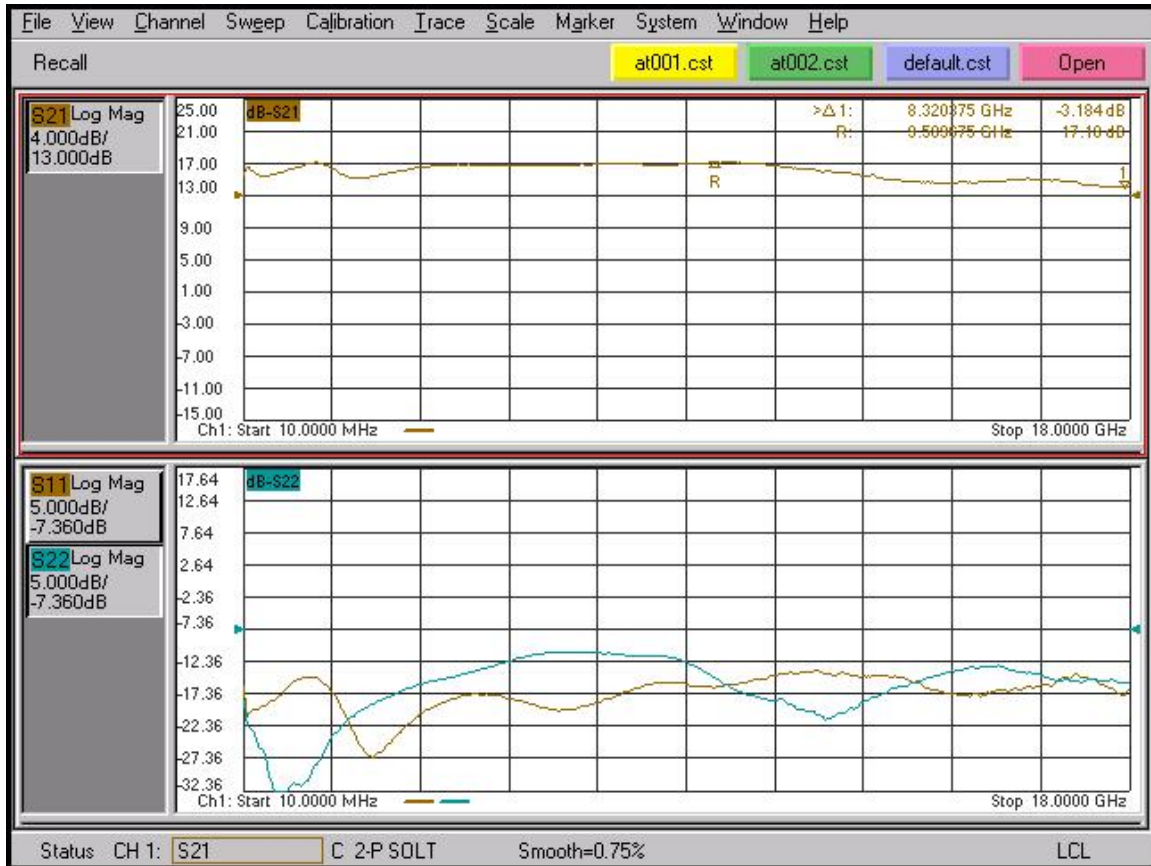


S21 Tabular Data (2 to 10MHz)

S21 Measured from 2MHz to 10MHz

2MHz	3MHz	4MHz	5MHz	6MHz	7MHz	8MHz	9MHz	10MHz
15.06dB	16.05dB	16.23dB	16.17dB	16.02dB	15.83dB	15.77dB	15.74dB	15.55dB

VNA Plot (10 MHz to 18 GHz)

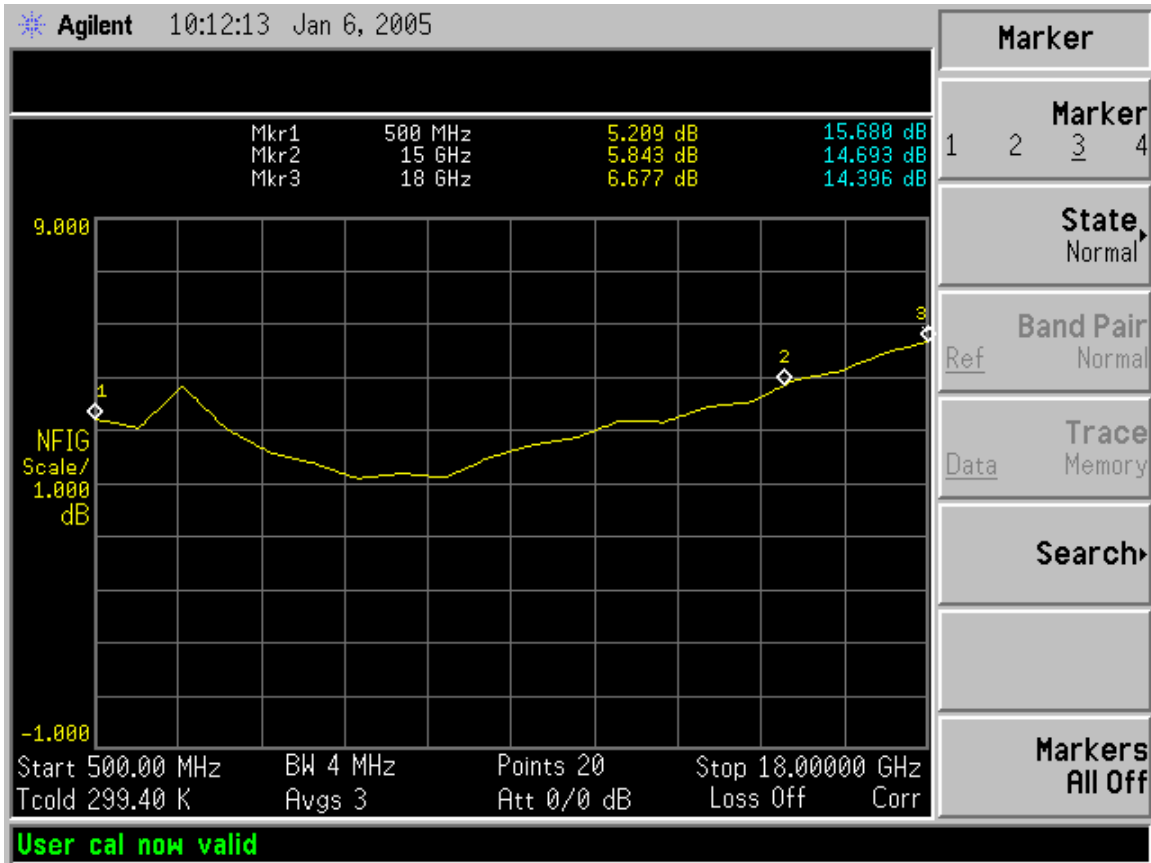


Noise Figure Plot (10 to 500MHz)





Noise Figure Plot (0.5 to 18GHz)



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