




**SUMMARY TEST DATA**


**ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No : PE2-38-218-4R5-17-15-SFF**  
**Serial No : PL2919**

**Tested By : Kevin Mason**  
**Temperature : +25°C**  
**Date : 11/7/06**

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0 to 18.0 GHz	Pass	
2	Gain:	+38dB Min.	Pass (See Plot)	
3	Gain Flatness:	±1.5dB Max.	±1.55dB	±0.05dB
4	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
5	Noise Figure:	4.5dB Typ.	Pass (See NF Plot)	
6	OP1dB:	+17dBm Min.	≥+17dBm	
7	DC Supply:	400mA@ +15VDC Max.	282mA	

**Production Manager Approval:**  **Date:** 11/7/06

**QA/QC Approval:**  **Date:** 11/7/06

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)

### Swept S-Parameter Plot



### Noise Figure Plot

