





**SUMMARY TEST DATA ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No : PE2-15-218-7R0-25-12-SFF REV.B**  
**Serial No : PL3918**

**Tested By : Kevin Mason**  
**Temperature : +25°C**  
**Date : 1/23/08**

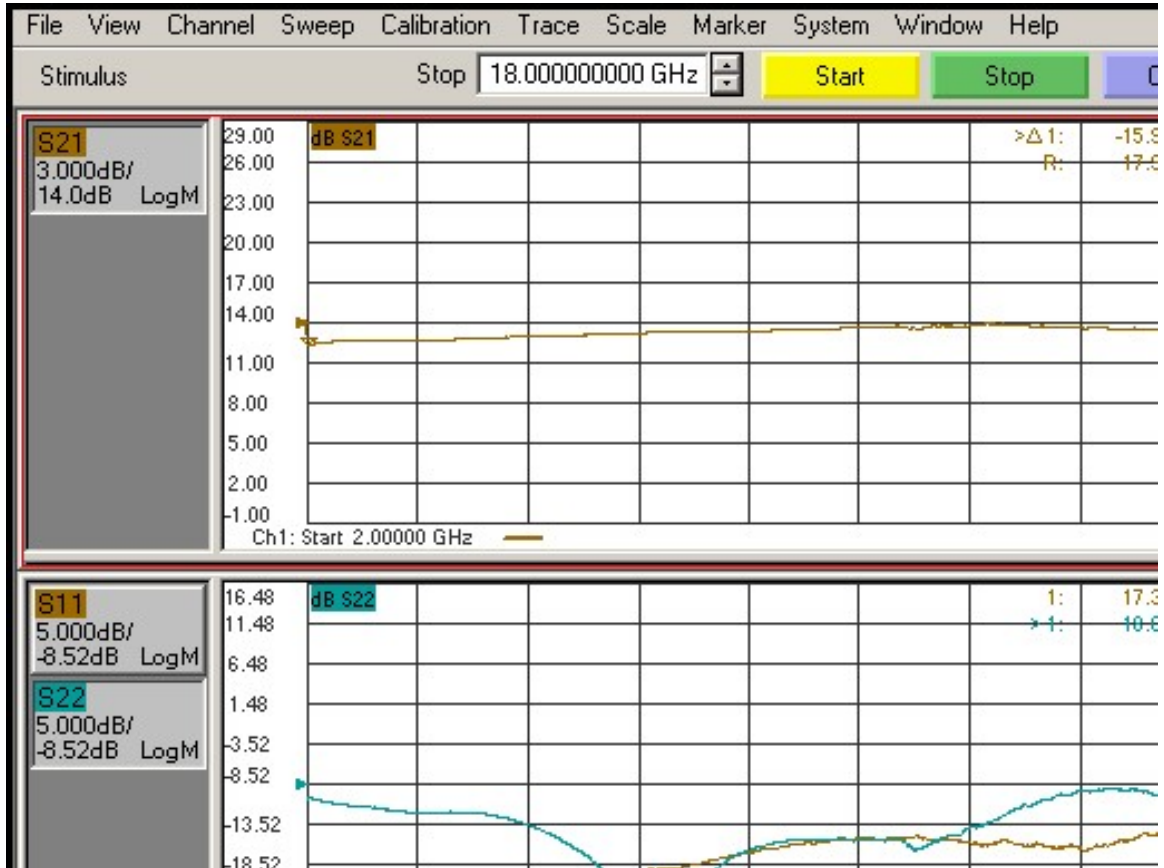
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0-18.0 GHz	Pass	
2	Gain:	+14dB Typ.	Pass (See Plot)	
3	Gain Flatness:	±1.5dB Max.	±0.87dB	
4	VSWR:	Input : 2.0:1 Output: 3.0:1 (Typ.)	Pass (See Plots)	
5	Noise Figure:	7.5dB Max.	Pass (See NF Plot)	
6	OP1dB:	+25dBm Min.	≥ +25dBm	
7	OIP3:	+35dBm Typ.	Pass	
8	DC Supply:	425mA@ +12VDC Max.	435mA	
9	Low-Frequency Roll-Off Circuit on Output	N/A	Installed	

**Production Manager Approval:**  **Date:** 1/23/08

**QA/QC Approval:**  **Date:** 1/23/08

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

