



**SUMMARY TEST DATA ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-40-0R218-5R0-12-SFF-TC  
 Serial No : PL4245

Tested By : Hugo G.  
 Temperature : +25°C  
 Date : 07/09/08

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.2-18.0 GHz	Pass	
2	*Gain:	+38 to 43 dB	Pass (See Plots)	
3	Gain Flatness:	±1.25dB Max.	(See Plots)	
4	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plots)	
5	Temperature Stability:	±1.5dB Max.	Pass	
5	Noise Figure:	5.0dB Max.	Pass	
6	Psat Output:	15dBm Max.	Pass	
7	DC Supply:	225mA@ +12V Max.	210mA	
8	Operating Temperature:	-55 to +85 Deg. C	Pass	
9	Storage Temperature:	-55 to +120 Deg. C	Pass	

\*Over operating temperature and frequency.

Production Manager Approval:  Date: 07/09/08

QA/QC Approval:  Date: 07/09/08

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

