




**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE2-40-8R09R0-1R2-12-12-SFF
 Serial No : PL3488

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 7/27/07

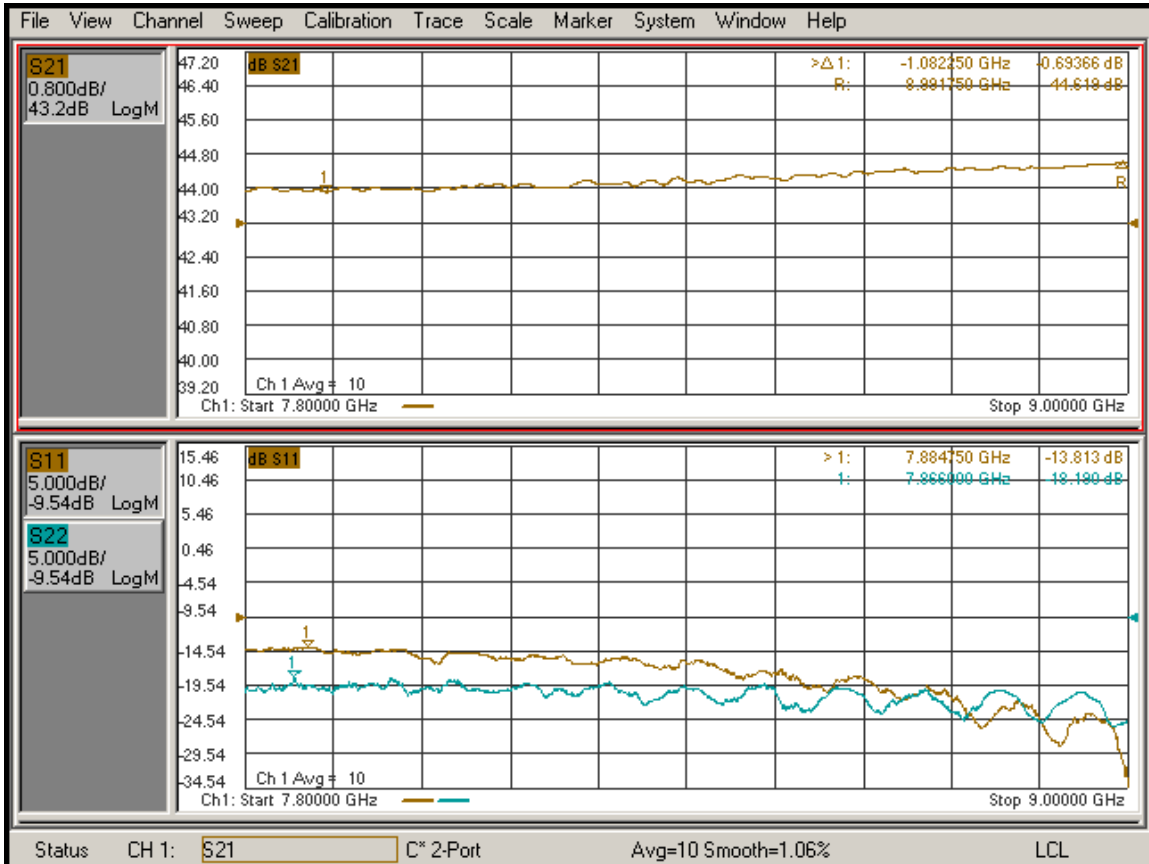
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	8.0 - 9.0 GHz	Pass	
2	Gain:	+37dB Min. +40dB Typ.	Pass (See Plot)	
3	Gain Flatness:	± 0.4dB Max. (7.8 to 8.6GHz)	± 0.34dB	
4	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
5	Noise Figure:	1.2dB Max.	Pass (See NF Plot)	
6	OP1dB:	12dBm Min.	≥ 12dBm	
7	DC Supply:	120mA@ +12 to +15V Typ/.	128mA	

Production Manager Approval:  Date: 7/27/07

QA/QC Approval:  Date: 7/27/07

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

Swept S-Parameter Plot



Noise Figure Plot

