




**SUMMARY TEST DATA ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No :** PE2-40-218-15-SFF  
**Serial No :** PL1504/0502

**Tested By :** Kevin Mason  
**Temperature :** +25°C  
**Date :** 01/07/05

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0 – 18.0 GHz	Pass (See Plot)	
2	Gain:	+40dB Typ.	Pass (See Plot)	
3	Gain Flatness:	± 1.75dB Max.	± 0.92dB	
4	Noise Figure:	4.5dB Max.	Pass (See Plot)	
5	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
6	OP1dB:	+10dBm Min.	≥ +10dBm	
7	DC Supply:	300mA @ +12V Max.	226mA @+12V	

**Production Manager Approval:**  **Date:** 01/07/05

**QA/QC Approval:**  **Date:** 01/07/05

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## S21 Plot

(20dB Attenuator on input of DUT)



## S11 Plot



## S22 Plot



### Noise Figure Plot

