



**SUMMARY TEST DATA ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No : PE2-15-218-7R0-25-12-SFF**  
**Serial No : PL2985**

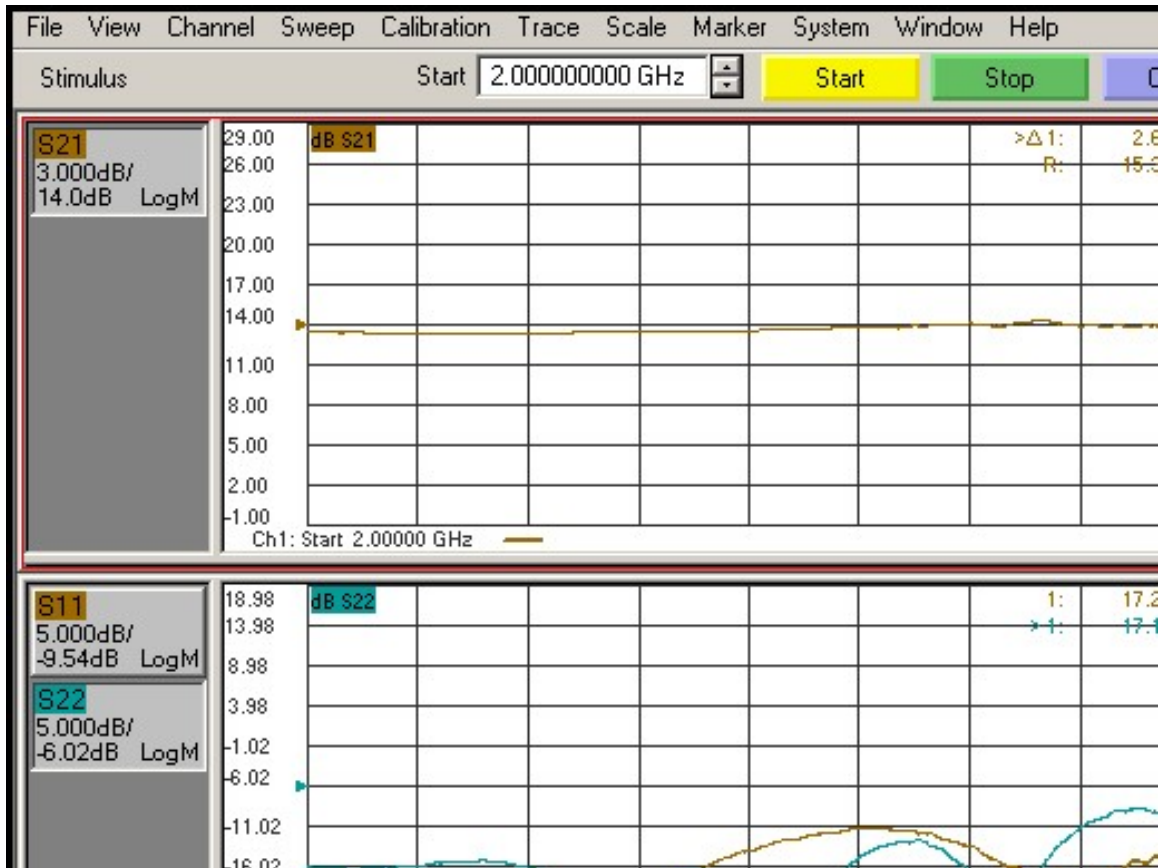
**Tested By : Kevin Mason**  
**Temperature : +25°C**  
**Date : 12/14/06**

| 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<br>(See Plot)    |               |
| 3             | Gain Flatness:   | ±1.5dB Max.                              | ±0.63dB               |               |
| 4             | VSWR:            | Input : 2.0:1<br>Output: 3.0:1<br>(Typ.) | Pass<br>(See Plots)   |               |
| 5             | Noise Figure:    | 7.5dB Max.                               | Pass<br>(See NF Plot) |               |
| 6             | OP1dB:           | +25dBm Min.                              | ≥ +25dBm              |               |
| 7             | OIP3:            | +35dBm Typ.                              | Pass                  |               |
| 8             | DC Supply:       | 425mA@ +12VDC Max.                       | 405mA                 |               |

**Production Manager Approval:**  **Date:** 12/14/06

**QA/QC Approval:**  **Date:** 12/14/06

### Swept S-Parameter Plot



Noise Figure Plot

