



## SUMMARY TEST DATA ON AMPLIFIER

Customer :  
 Job No :  
 Model No : PE2-30-48-1R7-10-12-SFF-BT  
 Serial No : PL2501

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 07/11/06

| TEST ITEM NO. | PARAMETERS              | SPECIFIED VALUE            | MEASURED VALUE     | REMARKS QA/QC |
|---------------|-------------------------|----------------------------|--------------------|---------------|
| 1             | Frequency Range:        | 4 - 8GHz                   | Pass<br>(See Plot) |               |
| 2             | Gain:                   | +30dB Min.                 | Pass<br>(See Plot) |               |
| 3             | Flatness:               | ±1.0dB Max                 | ±0.44dB            |               |
| 4             | Noise Figure:           | 1.75dB Max.                | Pass<br>(See Plot) |               |
| 5             | Pout @ 1dB Compression: | +10dBm Min.                | ≥ +10dBm           |               |
| 6             | OIP3:                   | +20dBm Typ.                | ≥ +20dBm           |               |
| 7             | VSWR In/Out:            | 2.0:1 Max.                 | Pass<br>(See Plot) |               |
| 8             | Output Bias Tee:        | DC/RF Output               | Pass               |               |
| 9             | Hermetic Seal:          | -----                      | Pass               |               |
| 10            | DC Supply:              | 150mA @ +12 to +15VDC Typ. | 172mA              |               |

Production Manager Approval: \_\_\_\_\_

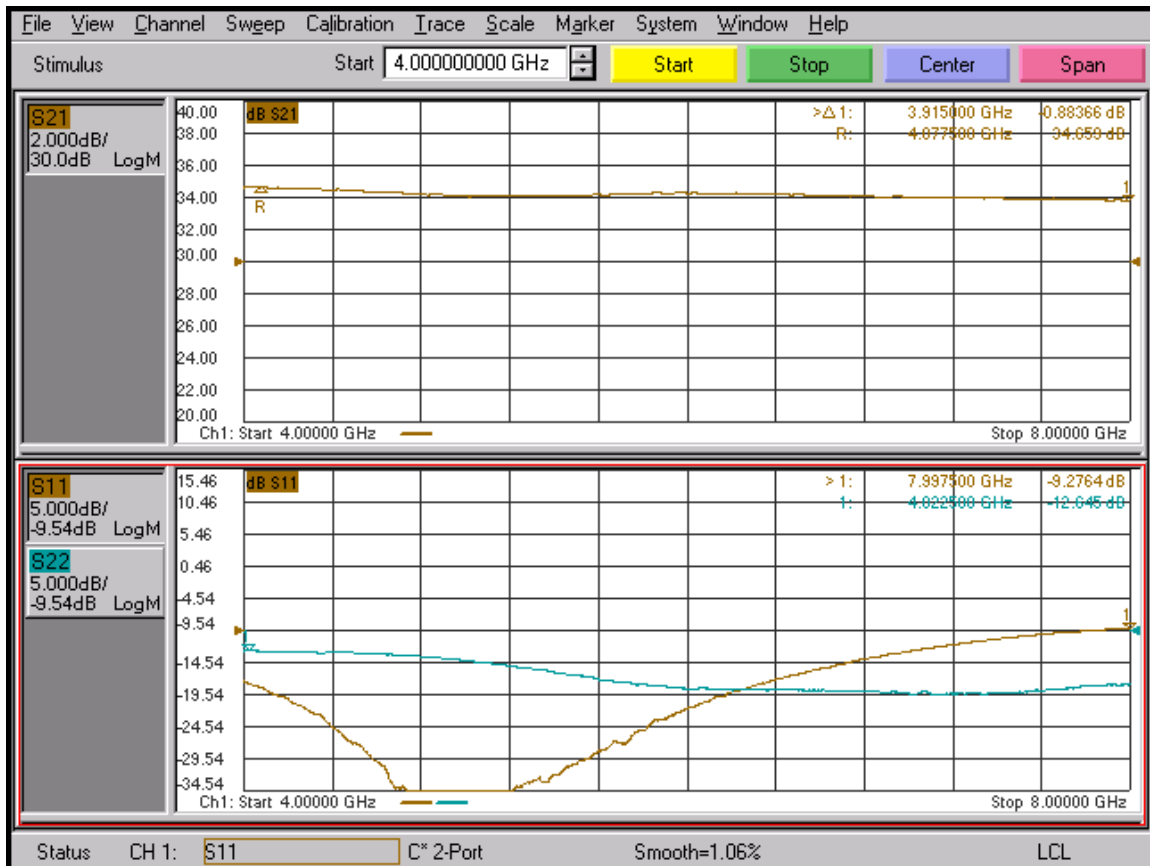
Date: 07/11/06

QA/QC Approval: \_\_\_\_\_

Date: 07/11/06

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## VNA Plot



## Noise Figure Plot

