



### SUMMARY TEST DATA ON AMPLIFIER

Customer :  
Job No :  
Model No : PE2150R258515SFF  
Serial No : PL1853/0540

Tested By : Kevin Mason  
Temperature : +25°C  
Date : 10/07/05

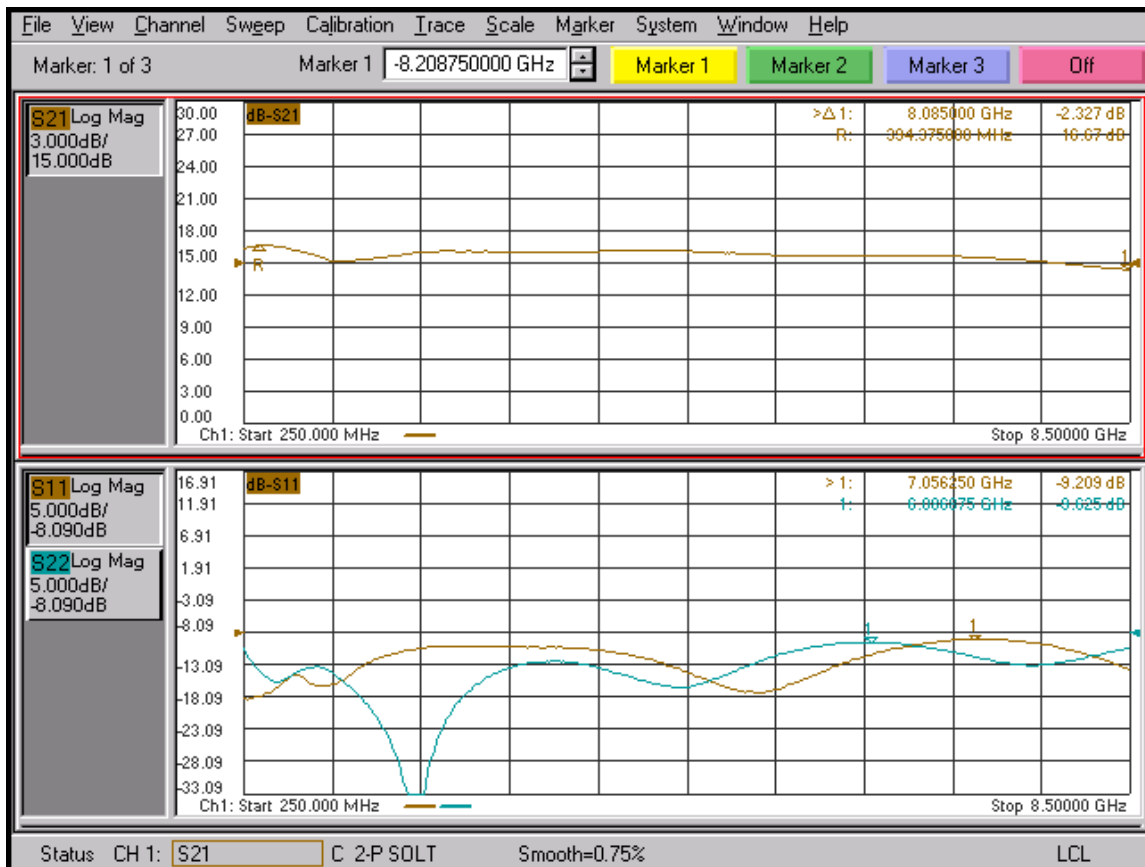
| TEST ITEM NO. | PARAMETERS              | SPECIFIED VALUE                                                    | MEASURED VALUE        | REMARKS QA/QC |
|---------------|-------------------------|--------------------------------------------------------------------|-----------------------|---------------|
| 1             | Frequency Range:        | 0.25 – 8.5 GHz                                                     | Pass<br>(See Plot)    |               |
| 2             | Gain Nominal:           | +15 dB                                                             | Pass<br>(See Plot)    |               |
| 3             | Flatness:               | $\pm 1.5$ dB Max<br>(As per PO Confirmation)<br>$\pm 0.75$ dB GOAL | $\pm 1.16$ dB         |               |
| 4             | Noise Figure:           | 5.0 dB Max.                                                        | Pass<br>(See NF Plot) |               |
| 5             | Pout @ 1dB Compression: | +20 dBm Min.                                                       | $\geq +20$ dBm        |               |
| 6             | VSWR:                   | Input : 2.3:1<br>Output: 2.3:1<br>Max.                             | Pass<br>(See Plot)    |               |
| 7             | DC Supply:              | 250mA @ +12V<br>Max.                                               | 134mA @ +12V          |               |

Production Manager Approval:  Date: 10/07/05

QA/QC Approval:  Date: 10/07/05

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## VNA Plot



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## Noise Figure Plot

