



SUMMARY TEST DATA ON AMPLIFIER

Customer :
Job No :
Model No : PE2-38-218-4R5-8-15-SFF
Serial No : PL2877

Tested By : Kevin Mason
Temperature : +25°C
Date : 10/24/06

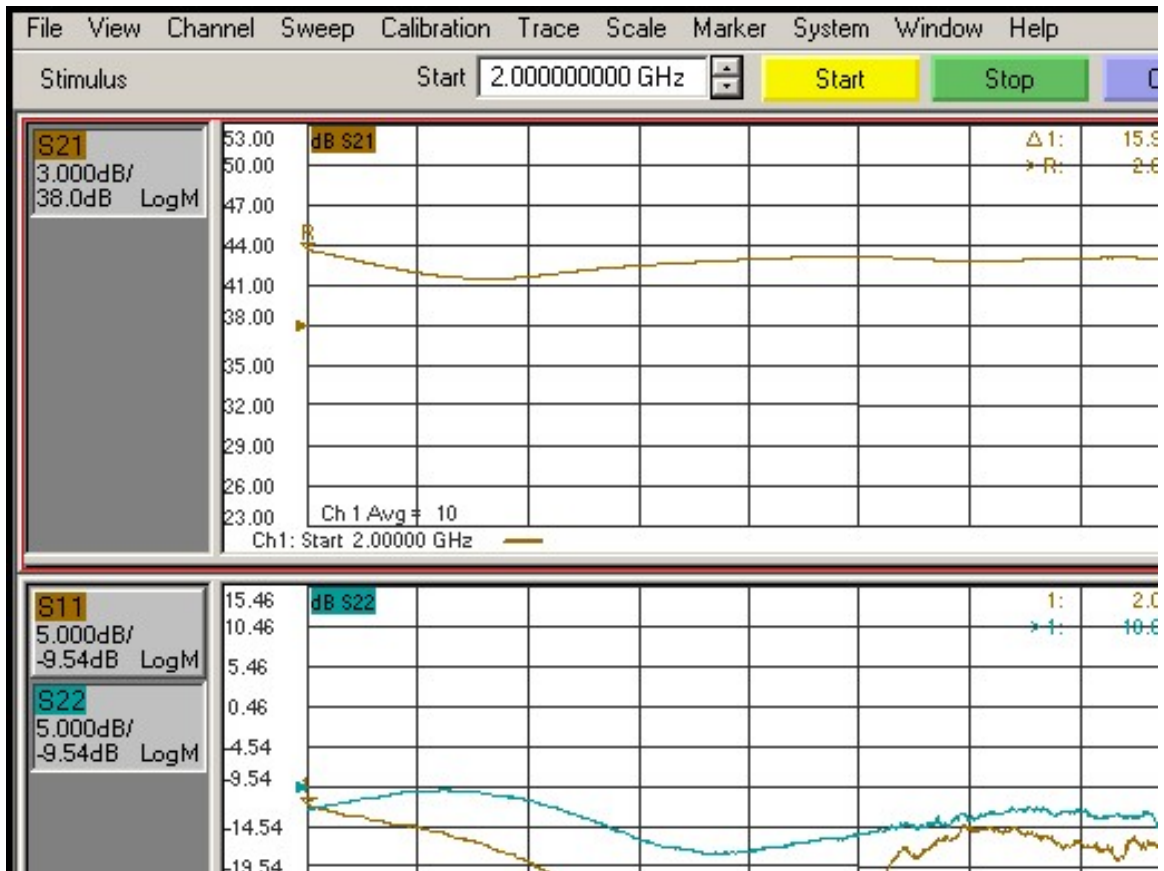
| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---------------|------------------|--|-----------------------|---------------|
| 1 | Frequency Range: | 2.0-18.0 GHz | Pass | |
| 2 | Gain: | +38dB Min. | Pass (See Plot) | |
| 3 | Gain Flatness: | ± 1.5dB Max. | ± 1.28dB | |
| 4 | OP1dB: | +8dBm Min. | ≥ +8dBm | |
| 5 | VSWR: | Input : 2.0:1 Output: 2.0:1 (Max.) | Pass (See Plot) | |
| 6 | Noise Figure: | 3.8dB Typ. | Pass (See NF Plot) | |
| 7 | DC Supply: | 250mA@ +15VDC Max. | 202mA@ +12V | |

Production Manager Approval:  **Date: 10/24/06**

QA/QC Approval:  **Date: 10/24/06**

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

S-Parameter Plot



Noise Figure Plot

