




**SUMMARY TEST DATA ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PEC-12-1G-15-NMF  
 Serial No : PL1419/0448

Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 11/17/04

| TEST ITEM NO. | PARAMETERS       | SPECIFIED VALUE                          | MEASURED VALUE                | REMARKS QA/QC |
|---------------|------------------|--|-------------------------------|---------------|
| 1             | Frequency Range: | 800-1215 MHz                             | Pass                          |               |
| 2             | Gain:            | +12 to 18dB                              | Pass<br>(See Plot)            |               |
| 3             | Gain Flatness:   | ± 1.0dB Max.                             | ± 0.12dB                      |               |
| 4             | VSWR:            | Input : 2.0:1<br>Output: 2.0:1<br>(Max.) | Pass<br>(See Plot)            |               |
| 5             | Noise Figure:    | 4.0dB Max.                               | Pass<br>(See Typical NF Plot) |               |
| 6             | OP1dB:           | 15dBm Min.                               | ≥ 15dBm                       |               |
| 7             | DC Supply:       | 100mA@ +15V Max.                         | 91mA@ +15V                    |               |

Production Manager Approval:  Date: 11/17/04

QA/QC Approval:  Date: 11/17/04

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

### Swept S-Parameter Plot

