



**SUMMARY TEST DATA ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PM2-21-0R640R72-6R0-23-15-SFF-TC  
 Serial No : PL1326/0434

Tested By : Kevin Mason  
 Temperature : +60°C  
 Date : 08/17/04

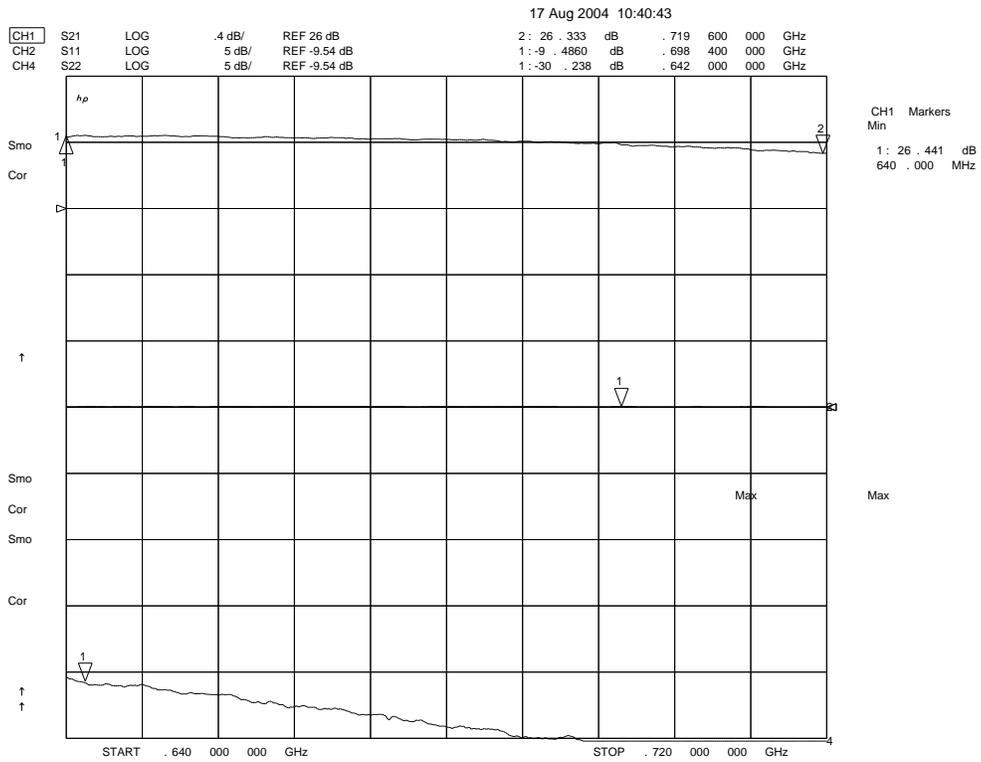
| TEST ITEM NO. | PARAMETERS                | SPECIFIED VALUE                          | MEASURED VALUE          | REMARKS QA/QC |
|---------------|---------------------------|--|-------------------------|---------------|
| 1             | Frequency Range:          | 640 – 720 MHz                            | Pass<br>(See Plot)      |               |
| 2             | Gain:                     | +21dB Min.<br>+25dB Typ.                 | Pass<br>(See Plot)      |               |
| 3             | Gain Flatness Over Freq.: | ±0.4dB p-p Max.                          | ±0.05dB                 |               |
| 4             | Gain Variation Over Temp. | ±0.6dB p-p Max.                          | Pass<br>(See all plots) |               |
| 5             | Noise Figure:             | 5.0dB Typ.<br>6.0dB Max.                 | Pass<br>(See Plot)      |               |
| 6             | Pout @ 1dB Compression:   | +23dBm Min.                              | ≥ +23dBm                |               |
| 7             | VSWR:                     | Input : 2.0:1<br>Output: 2.0:1<br>(Max.) | Pass<br>(See Plot)      |               |
| 8             | DC Supply:                | 300mA @ +15V<br>Max.                     | 267mA @ +15V            |               |
| 9             | Operating Temp.           | -5 to +60 Deg. C                         | Pass                    |               |

Production Manager Approval:  Date: 08/17/04

QA/QC Approval:  Date: 08/17/04

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### VNA Plot



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### Noise Figure Plot

