



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE2-38-218-3R5-14-15-SFF
 Serial No : PL1346

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 09/16/04

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---------------|-------------------------|----------------------|--------------------|---------------|
| 1 | Frequency Range: | 2 - 18 GHz | Pass (See Plot) | |
| 2 | Gain: | +38dB Typ. | Pass (See Plot) | |
| 3 | Flatness: | ±1.75 dB Max | ±1.01 dB | |
| 4 | Noise Figure: | 4.5 dB Max. | Pass (See Plot) | |
| 5 | Pout @ 1dB Compression: | +8 dBm Min. | ≥ +8 dBm | |
| 6 | VSWR In/Out: | 2.0:1 Max. | Pass (See Plot) | |
| 7 | DC Supply: | 380mA @ +15V Max. | 203mA @ +15V | |

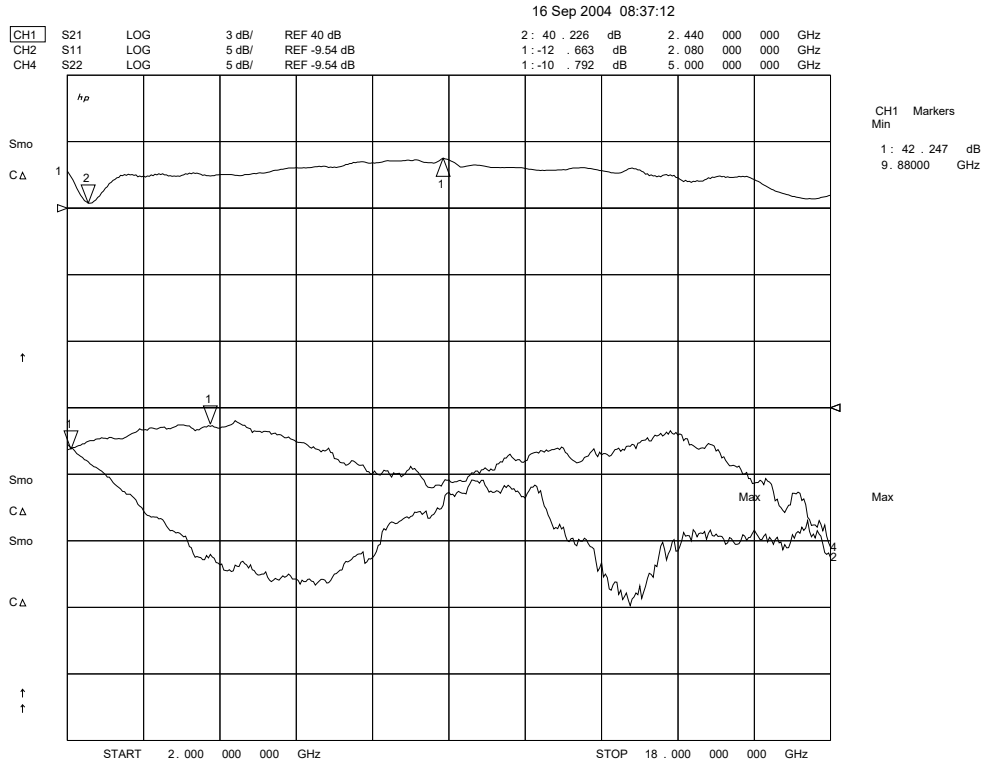
Production Manager Approval:  Date: 09/16/04

QA/QC Approval:  Date: 09/16/04

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VNA Plot



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Noise Figure Plot

