



SUMMARY TEST DATA ON AMPLIFIER

Customer :
 Job No :
 Model No : PE2-40-0R218-5R0-12-SFF-TC
 Serial No : PL4250

Tested By : Hugo G.
 Temperature : +25°C
 Date : 07/09/08

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---------------|------------------------|--|---------------------|---------------|
| 1 | Frequency Range: | 0.2-18.0 GHz | Pass | |
| 2 | *Gain: | +38 to 43 dB | Pass (See Plots) | |
| 3 | Gain Flatness: | ±1.25dB Max. | (See Plots) | |
| 4 | VSWR: | Input : 2.0:1 Output: 2.0:1 (Max.) | Pass (See Plots) | |
| 5 | Temperature Stability: | ±1.5dB Max. | Pass | |
| 5 | Noise Figure: | 5.0dB Max. | Pass | |
| 6 | Psat Output: | 15dBm Max. | Pass | |
| 7 | DC Supply: | 225mA@ +12V Max. | 207mA | |
| 8 | Operating Temperature: | -55 to +85 Deg. C | Pass | |
| 9 | Storage Temperature: | -55 to +120 Deg. C | Pass | |

*Over operating temperature and frequency.

Production Manager Approval:  Date: 07/09/08

QA/QC Approval:  Date: 07/09/08

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Swept S-Parameter Plot

