PLANAR electronics technology

# SUMMARY TEST DATA
# ON AMPLIFIER

| | |
|---|---|
| **Customer** | : |
| **Job No** | : |
| **Model No** | : **PE2-30-1016-15-SFF** |
| **Serial No** | : **PL742/0301** |

| | |
|---|---|
| **Tested By** | : **Kevin Mason** |
| **Temperature** | : **+25°C** |
| **Date** | : **01/11/03** |

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---|---|---|---|---|
| 1 | Frequency Range: | 10 - 16 GHz | (See Plot) | |
| 2 | Gain (Min.): | +30 dB Min. | (See Plot) | |
| 3 | Flatness: | ±1.5 dB Max. | ±1.87 dB | +0.37dB |
| 4 | Noise Figure: | 2.5 dB Max. | (See Plot) | |
| 5 | Pout @ 1dB Compression: | +5 dBm Min. | ≥ +5 dBm | |
| 6 | VSWR: | Input : 3.2:1<br>Output: 2.8:1<br>(Max.) | (See Plot) | |
| 7 | DC Supply: | 150mA @ +15V Max. | 94mA @ +15V | |

**Production Manager Approval:** _____ **Date: 01/11/03**

**QA/QC Approval:** _____ **Date: 01/11/03**

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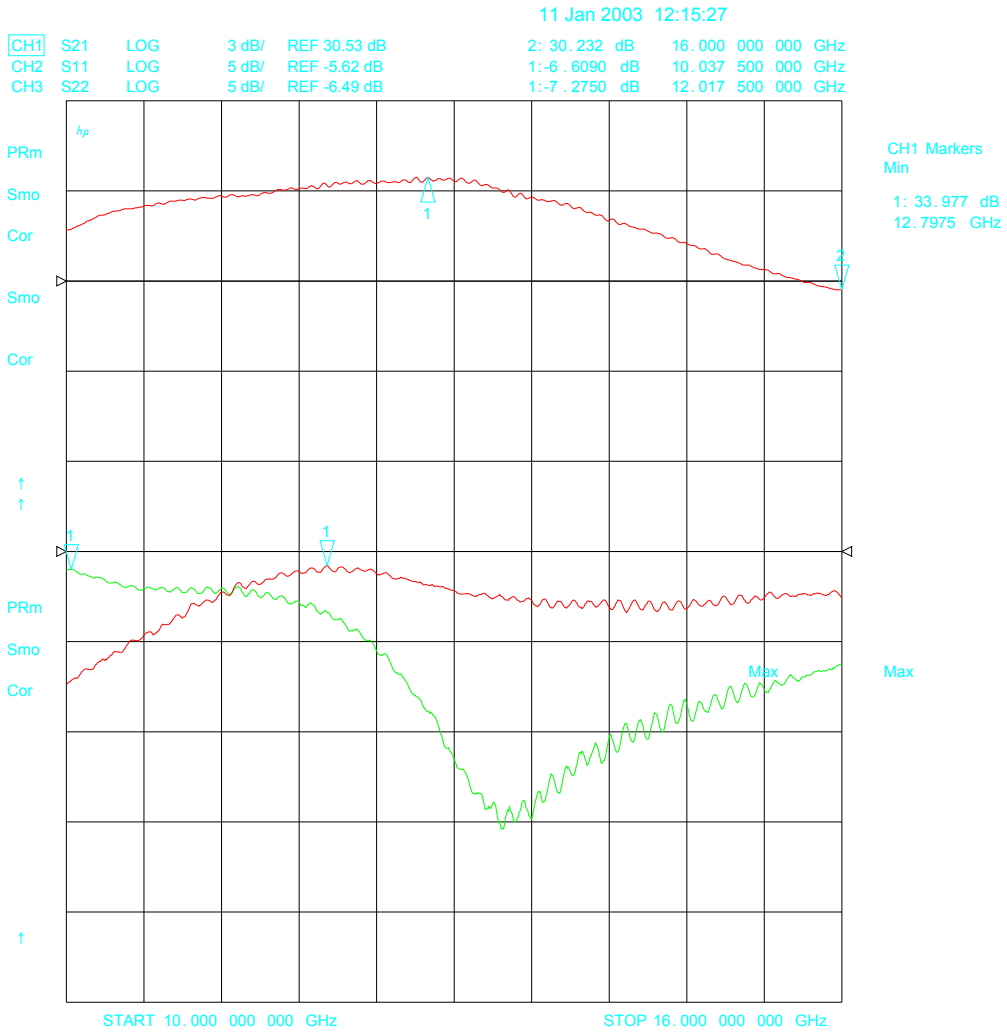
# VNA Plot





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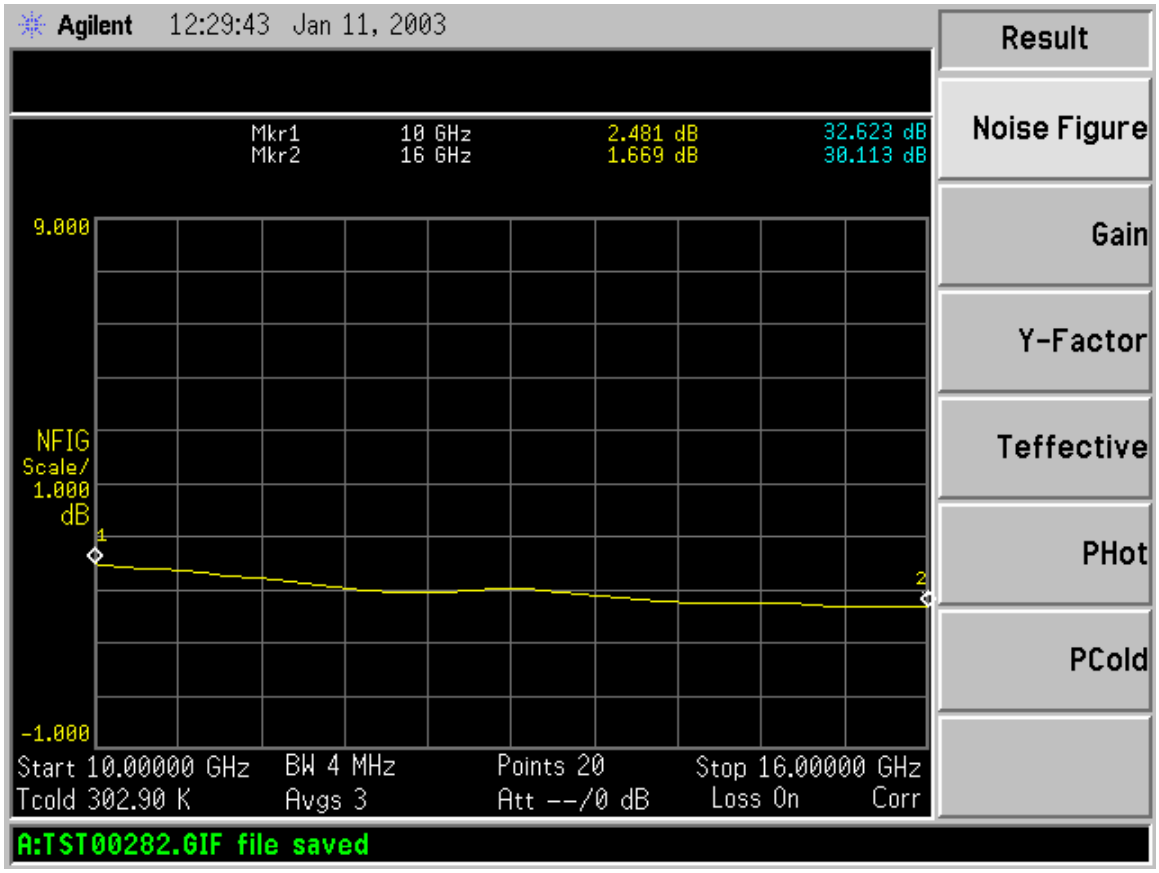
## Noise Figure Plot

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