



**SUMMARY TEST DATA  
ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No :** PE2-28-4G8G-2R0-10-12-SFF  
**Serial No :** PL7346/1014

**Tested By :** Hugo Gonzales  
**Temperature :** +25°C  
**Date :** 04/23/10

| TEST ITEM NO. | PARAMETERS       | SPECIFIED VALUE                          | MEASURED VALUE          | REMARKS QA/QC |
|---------------|------------------|--|-------------------------|---------------|
| 1             | Frequency Range: | 4.0 GHz to 8.0 GHz                       | Pass                    |               |
| 2             | Gain:            | 28 dB Min.                               | Pass<br>(See Plot)      |               |
| 3             | Gain Flatness:   | ±1.5 dB Max.                             | ± 0.24 dB               |               |
| 4             | VSWR:            | Input : 2.0:1<br>Output: 2.0:1<br>(Max.) | Pass<br>(See Plot)      |               |
| 5             | Noise Figure:    | 2.0 dB Max.                              | Pass<br>(See NF Plot)   |               |
| 6             | OP1dB:           | +10 dBm Min.                             | +10 dBm                 |               |
| 7             | DC Supply:       | 150 mA Max. @ +12V<br>to +15V            | 60 mA @ +12V to<br>+15V |               |

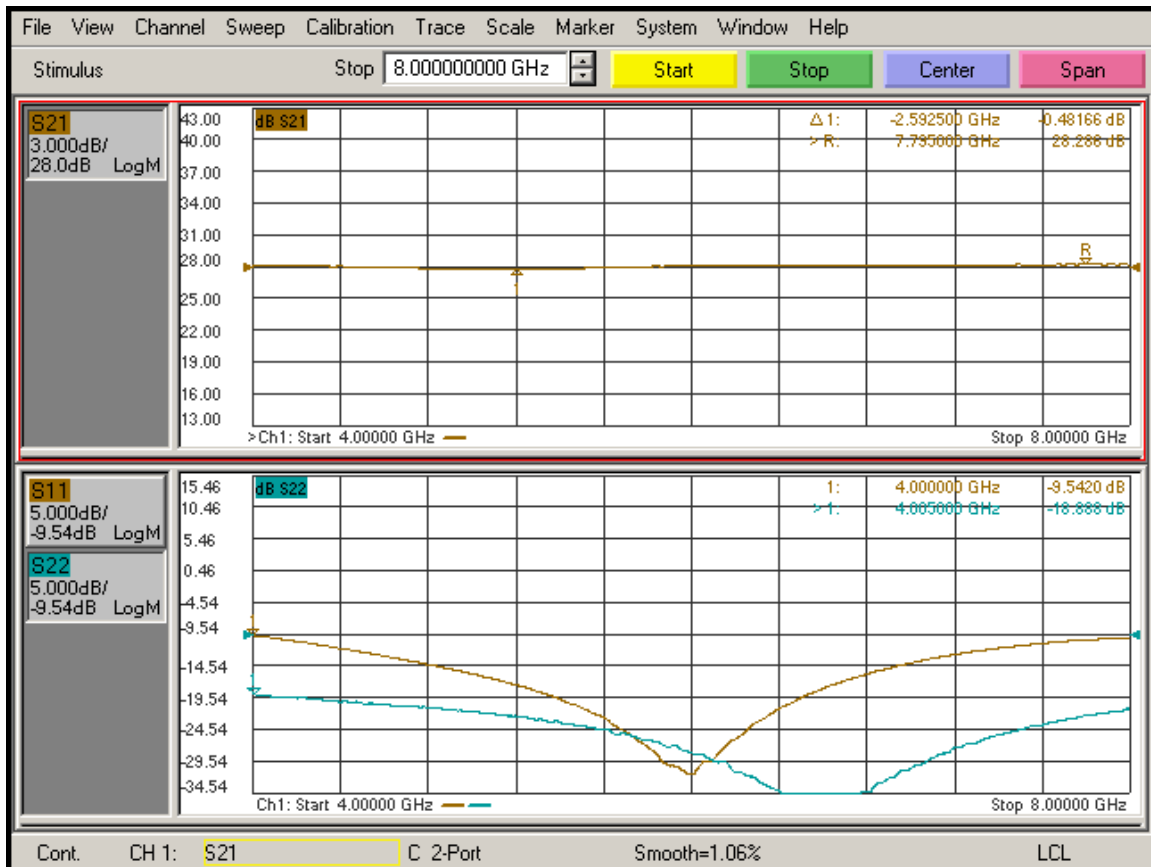
**Production Manager Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**QA/QC Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_

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email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



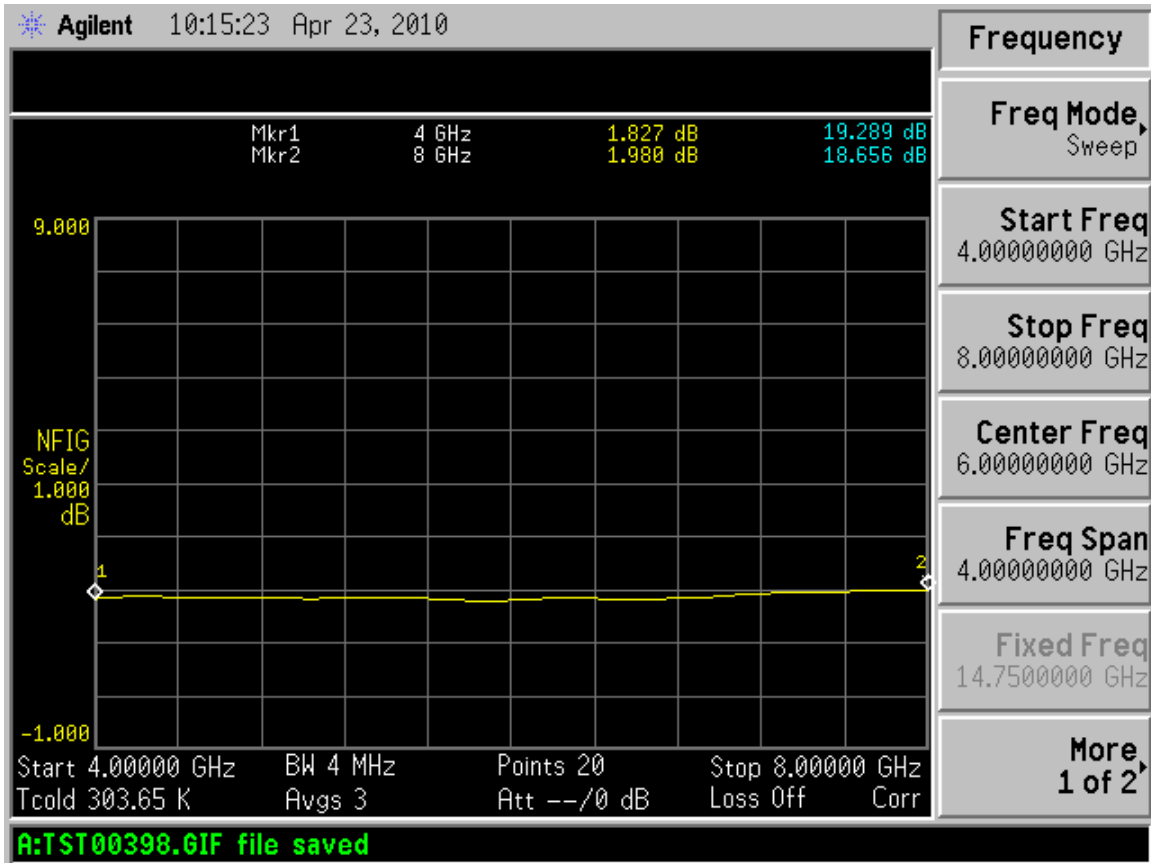
### Swept S-Parameter Plot



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### Noise Figure Plot



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