



**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-25-8G10G-2R0-15-12-SFF  
 Part No : 27311020  
 Serial No : PL6052

Tested By : Hugo Gonzales  
 Temperature : +25°C  
 Date : 08/26/09

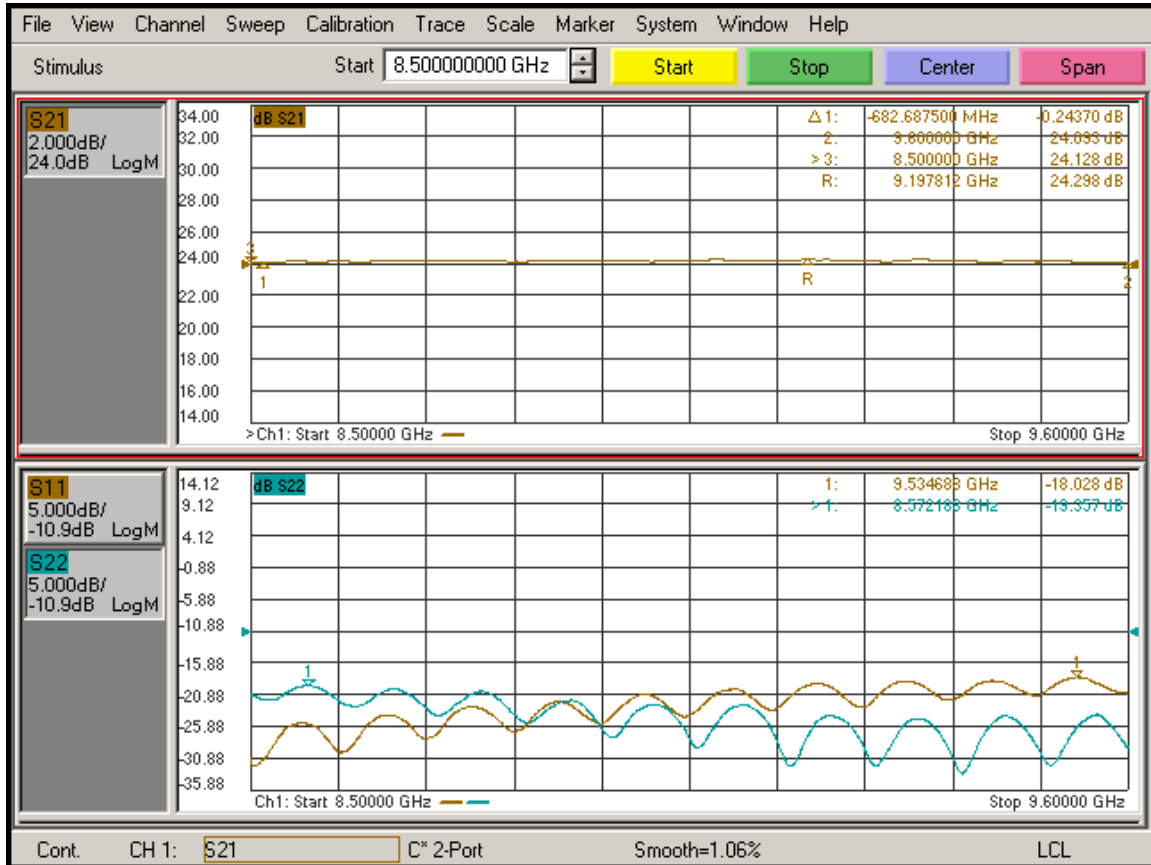
| TEST ITEM NO. | PARAMETERS              | SPECIFIED VALUE  | MEASURED VALUE                       | REMARKS QA/QC |
|---------------|-------------------------|------------------|--------------------------------------|---------------|
| 1             | Frequency Range:        | 8.5 to 9.6 GHz   | Pass                                 |               |
| 2             | Gain:                   | 25dB ±1dB        | Pass<br>(See Plot)                   |               |
| 3             | Gain Flatness:          | ±1dB Max.        | ±0.24dB                              |               |
| 4             | Noise Figure:           | 2.0dB Max.       | (See Plot)                           |               |
| 5             | Pout @ 1dB Compression: | +8dBm ±1dBm      | 7.58dBm - 8.5GHz<br>8.33dBm - 9.6GHz |               |
| 6             | Impedance:              | 50 Ohms ±2 Ohms  | Pass                                 |               |
| 7             | VSWR In/Out:            | 1.8:1 Max.       | Pass<br>(See Plot)                   |               |
| 8             | Input Power:            | +16dBm CW Max.   | Pass                                 |               |
| 9             | DC Supply:              | 120mA @ +12V ±5% | 107mA @ +12V ±5%                     |               |
| 10            | Operating Temperature:  | -10 to +70°C     | Pass                                 |               |

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

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



## VNA Plot





### Noise Figure Plot

