



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PE2-25-8G10G-2R0-15-12-SFF
 Part No : 27311020
 Serial No : PL6056

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

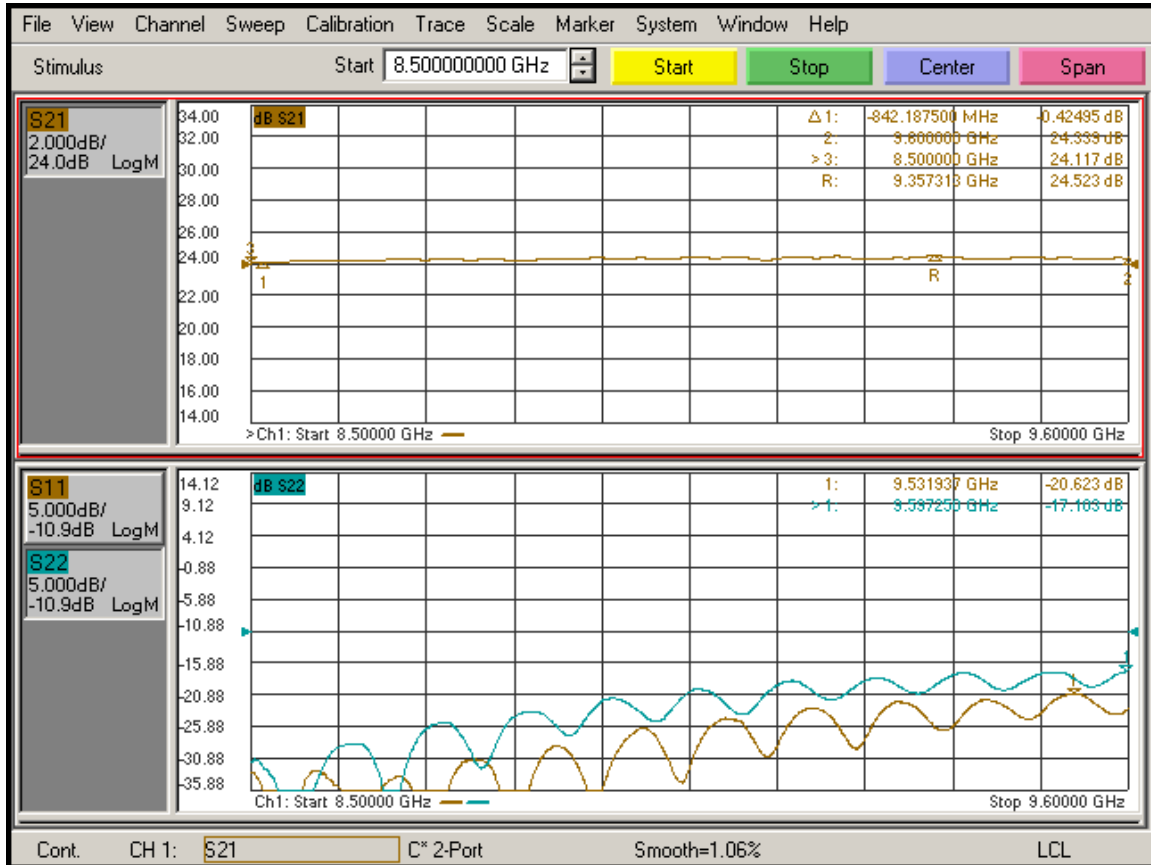
| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---------------|-------------------------|------------------|--------------------------------------|---------------|
| 1 | Frequency Range: | 8.5 to 9.6 GHz | Pass | |
| 2 | Gain: | 25dB ±1dB | Pass (See Plot) | |
| 3 | Gain Flatness: | ±1dB Max. | ±0.42dB | |
| 4 | Noise Figure: | 2.0dB Max. | (See Plot) | |
| 5 | Pout @ 1dB Compression: | +8dBm ±1dBm | 8.00dBm - 8.5GHz 8.53dBm - 9.6GHz | |
| 6 | Impedance: | 50 Ohms ±2 Ohms | Pass | |
| 7 | VSWR In/Out: | 1.8:1 Max. | Pass (See Plot) | |
| 8 | Input Power: | +16dBm CW Max. | Pass | |
| 9 | DC Supply: | 120mA @ +12V ±5% | 111mA @ +12V ±5% | |
| 10 | Operating Temperature: | -10 to +70°C | Pass | |

Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____



VNA Plot





Noise Figure Plot

