



## AMPLIFIER TEST DATA SHEET

**Model Number** N11-2982      **DC Power:** +12.0      **Volts**  
**S/N:** 1001      @ 193      **mA,**  
**Case Temp** +25 C      **Spec.** 275      **mA Typ.**

Frequency GHz	Gain dB	Return Loss In      Out	1dB Comp dBm	N.F dB
------------------	------------	----------------------------	-----------------	-----------

### Specification

Start 18.0	Min. +20.0			Min. +14.0
Stop 26.5		Max -9.54	Max -9.54	Max. +5.0

Gain Flatness  
+/- 1.75 dB

### Data

18.0	25.0	-16.4	-21.6	18.6	1.9
20.125	24.4	-18.6	-16.0	18.8	1.9
22.25	24.6	-19.9	-15.3	19.2	2.0
24.375	25.1	-20.3	-12.8	20.7	2.5
26.5	24.3	-32.3	-19.4	21.1	2.3

### Min/Max Data

Min 24.3				Min 18.6
Max 25.1	Max 15.6	Max 12.6		Max 2.5

Gain Flatness +/- .4

**Tested By:** [Signature]      **Date:** 9-9-11      **QA By:** [Signature]      **Date:** 9-9-11