



## AMPLIFIER TEST DATA SHEET

Model Number N12-3387      DC Power: +12.0 Volts  
 S/N: 1001      @ 82 mA,  
 Case Temp +25C      Spec. 100 mA typ.

Frequency GHz	Gain dB	Return Loss, dB		Noise Figure		
		In	Out			

### Specification

Start 59.0	Min. 20.0					----
Stop 61.0		Max -8.52	Max -8.52	Max 4.5dB	-----	-----

### Flatness

Data      +/- 0.8dB

59.0	20.7	-17.4	-19.5	4.2	---	---
59.5	20.6	-23.0	-21.6	4.0	---	---
60.0	20.4	-19.6	-24.9	4.0	---	---
60.5	20.2	-17.5	-15.5	3.9	---	---
61.0	20.1	-16.0	-13.7	3.9	---	---

### Min/Max Data

Min 20.1						---
Max 20.7	Max -16.0	Max -13.7	Max 4.2	-----		---

Gain Flatness

+/- 0.3 dB

Tested By: O. Hopkins      Date: 2/20/12      QA By: [Signature]      Date: 2/20/12