



AMPLIFIER TEST DATA SHEET

Model Number N09-2146 DC Power: +12.0 Volts
 S/N: 1001 @ 394 mA,
 Case Temp +25°C Spec. 350 mA max. TYP

Frequency GHz	Gain dB	Return Loss, dB		1dB Comp dBm	Noise Figure dB	
		In	Out			

Specification

Start <u>40.0</u>	Min <u>30.0</u>			Min <u>7.0</u>	<u>TYP</u>	
Stop <u>60.0</u>	Max <u>N/A</u>	Max <u>-7.36</u>	Max <u>-7.36</u>		Max <u>5.0</u>	

Gain Flatness
+/- 2.0 dB

Data

<u>40.0</u>	<u>36.3</u>	<u>-8.6</u>	<u>-9.2</u>	<u>14.5</u>	<u>8.3</u>	
<u>45.0</u>	<u>37.4</u>	<u>-9.0</u>	<u>-10.0</u>	<u>13.8</u>	<u>7.0</u>	
<u>50.0</u>	<u>36.3</u>	<u>-16.9</u>	<u>-14.1</u>	<u>13.4</u>	<u>6.0</u>	
<u>55.0</u>	<u>38.4</u>	<u>-8.1</u>	<u>-11.1</u>	<u>13.5</u>	<u>6.7</u>	
<u>60.0</u>	<u>37.1</u>	<u>-15.9</u>	<u>-7.7</u>	<u>13.7</u>	<u>5.3</u>	

Min/Max Data

Min <u>35.9</u>			Min <u>13.4</u>	
Max <u>39.6</u>	Max <u>-7.4</u>	Max <u>-7.7</u>		Max <u>8.3</u>

Gain Flatness
+/- 1.85 dB

Tested By: [Signature] Date: 8-25-10 QA By: [Signature] Date: 8/25/10