



AMPLIFIER TEST DATA SHEET

Model Number	N08-1963	DC Power:	+12.0	Volts
S/N:	<u>1001</u>	@	<u>191</u>	mA.
Case Temp	+25 C	Spec.	160	mA. (Typ)

Frequency GHz	Gain dB	Return Loss		1dB Comp dBm	N.F.	
		IN	OUT		33-40 Ghz	40-50 Ghz

Specification

Start 33.0	Min 20.0	Max -7.36	Max -7.36	+7.0 Typ	Max. +4.3dB	Max. +5.0dB
------------	----------	-----------	-----------	----------	-------------	-------------

Stop 50.0						
-----------	--	--	--	--	--	--

Data

Gain Flatness
+/- 1.5 dB

33.0	30.8	-11.6	-12.1	9.2	3.8	
37.25	31.4	-13.1	-15.1	10.8	4.0	
41.5	31.5	-14.8	-10.8	9.5	4.4	
45.75	30.8	-11.9	-12.7	8.7	5.4	
50.0	29.5	-14.4	-17.1	10.2	5.6	

Min/Max Data

Min <u>29.5</u>	Min <u>8.7</u>	Max <u>4.0</u>
Max <u>31.5</u>	Max <u>10.9</u>	Max <u>5.6</u>
Gain Flatness +/- <u>1.0</u> dB		

Tested By: [Signature] Date: 5-28-09 QA By: [Signature] Date: 5/29/09