

# Amplifier Test Data Sheet

Model # **AML818L3001**

Serial # 102 Tested By [Signature] Date 12/22/03

*Communications*

Frequency	Gain *	Flatness	Input VSWR	Output VSWR	Noise Figure	P-1dB
GHz	dB Min	dB Max	Nom	Nom	dB Max	dBm Min
8		±1.5	1.8:1	1.8:1	2.2	+10
10	see	↓	see	see	2.06	12.39
12	plotted	7.0, 7.0 dB	plotted	plotted	2.07	14.69
14	data		data	data	2.20	14.12
16					1.96	14.44
18					2.06	14.95
					1.96	15.48

**Example 5**

All Data and Specifications @ +25 °C

Stability: PASS / FAIL

VDC +12 to +15

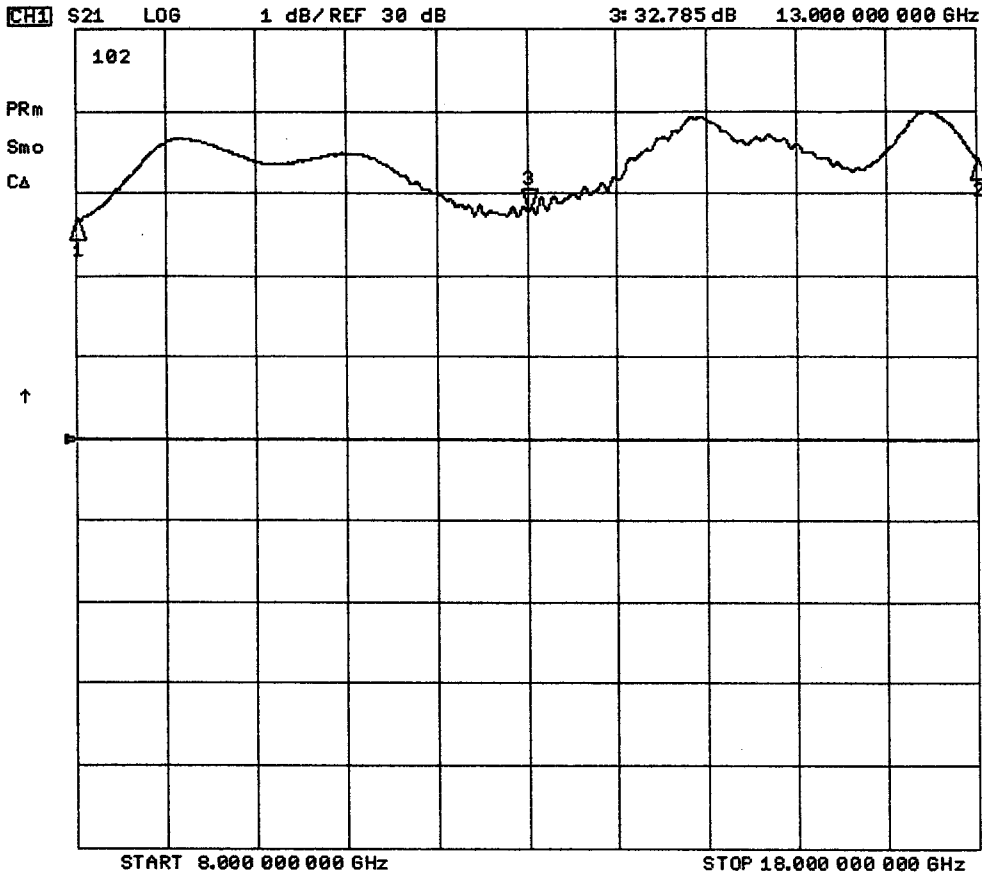
DC current 160mA Nom. Measured current: 138 mA

\* INCLUDE PLOTTED DATA

QA QA DATE 12.22.03

SPECIAL REQUIREMENT(S): NONE

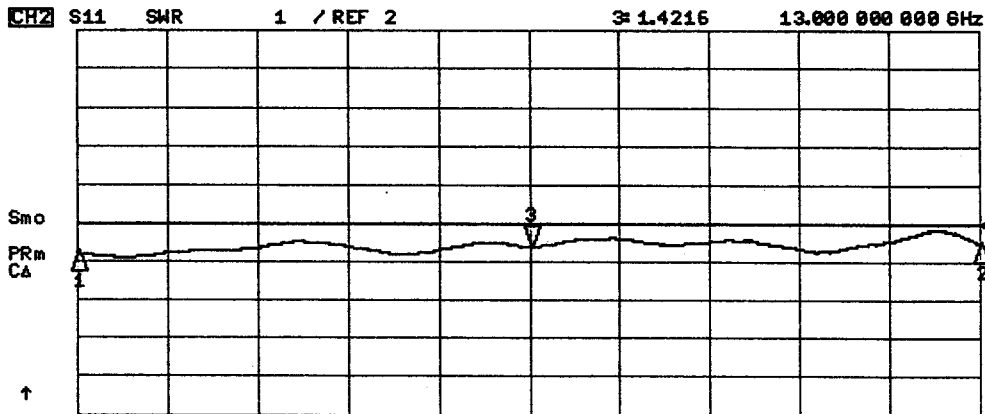
22 Dec 2003 02:14:28



CH1 Markers  
1: 32.673 dB  
8.00000 GHz  
2: 33.400 dB  
18.0000 GHz

Gain

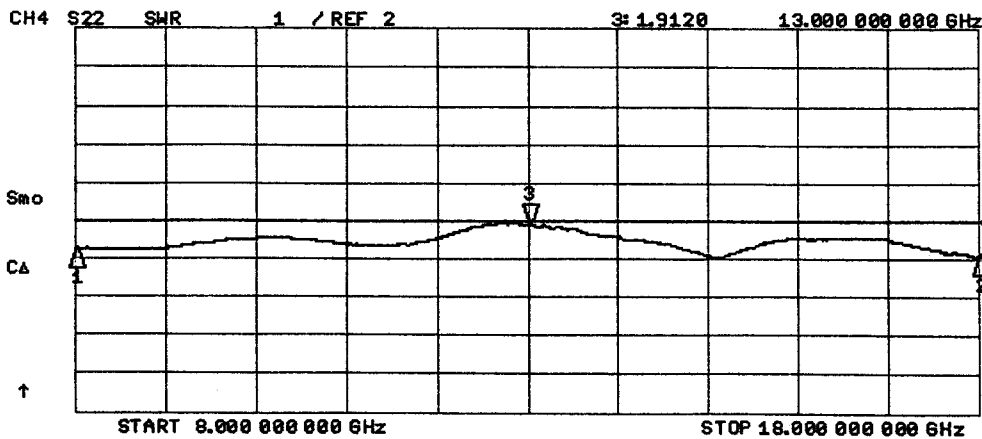
22 Dec 2003 02:15:21



Input VSWR

CH2 Markers  
1: 1.2364  
8.00000 GHz  
2: 1.5018  
18.0000 GHz

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Output VSWR

CH4 Markers  
1: 1.2504  
8.00000 GHz  
2: 1.0878  
18.0000 GHz