

# Amplifier Test Data Sheet

Model # **AML22L3602**

Serial # DEMO Tested By SP Date 10/20/03

Example 2

Frequency GHz	Gain *	Flatness dB Max	Input VSWR Max	Output VSWR Max	Noise Figure dB Max	Input P-1dB dBm Min	Input IP3 dBm Min
2.7					0.62	-20.1	-8.5
2.8	SEE	E	PL	OT	0.62	-20.0	-9.2
2.9					0.63	-19.4	-8.1

All Data and Specifications @ +25 °C

Stability: PASS / FAIL

VDC +12 to +15

DC current 120mA Nom. Measured current: 152 mA

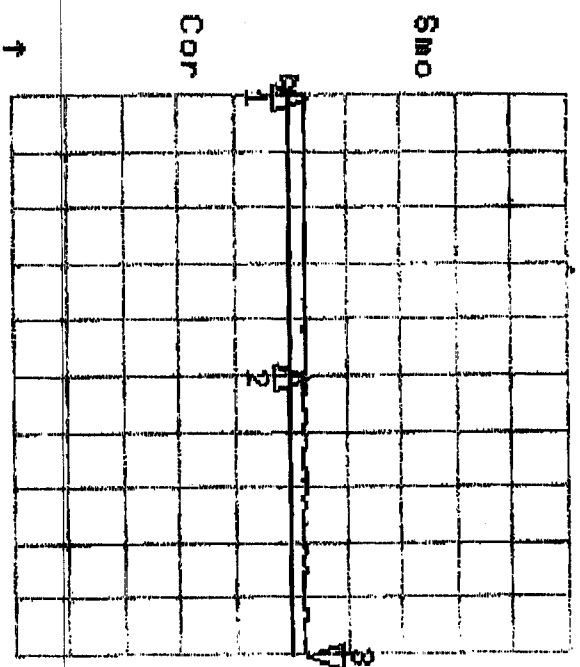
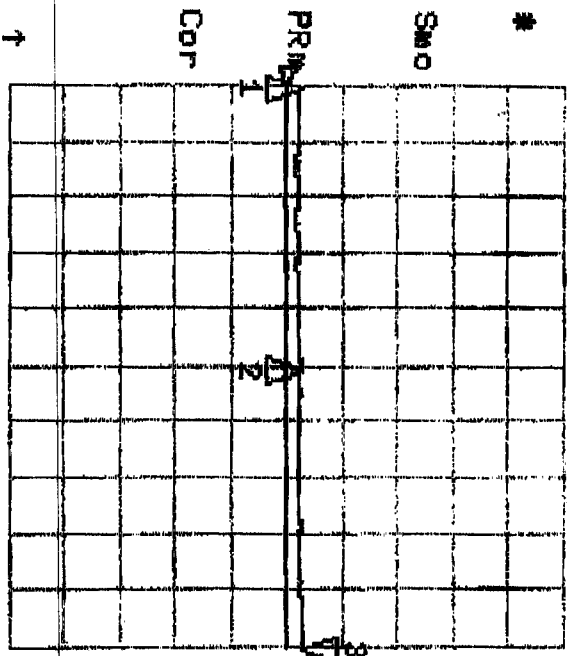
\* INCLUDE PLOTTED DATA

QA \_\_\_\_\_ DATE \_\_\_\_\_

SPECIAL REQUIREMENT(S): IP3 MEASURED (2.7 & 2.75GHz, 2.85 & 2.9GHz) @0dBm PER TONE

CH1 SMR 1 / REF 1  
S11 3: 1.2454 2 899.950 000 MHz

CH3 SMR 1 / REF 1  
S22 3: 1.2407 2 899.950 000 MHz



CH1 Markers

1: 1.1964

2: 2.70000 GHz

3: 2.80000 GHz

CH3 Markers

1: 1.2542

2: 2.70000 GHz

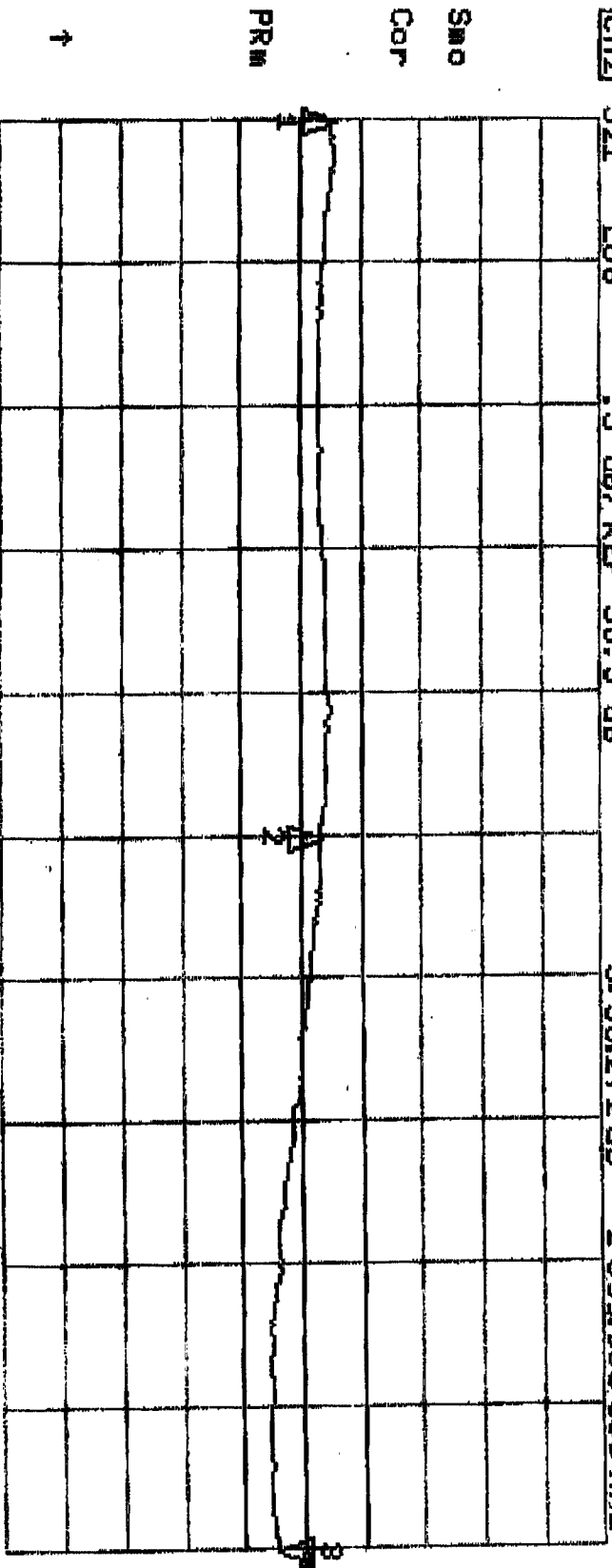
3: 2.80000 GHz

START 2700.000 MHz STOP 2900.000 MHz

START 2700.000 MHz STOP 2900.000 MHz

CH2 S21 LOB .5 dB/REF 36.5 dB

3: 36.272 dB 2 899.950 000 MHz



CH2 Markers

1: 36.772 dB

2: 2.70000 GHz

3: 36.563 dB

2.80000 GHz

START 2700.000 000 MHz

STOP 2900.000 000 MHz