



Communications

Amplifier Test Data Sheet

Model # AML0126L2201

Serial # 101 Tested By PA Date 12-31-03

Frequency	Gain *	Flatness	Input VSWR	Output VSWR	Noise Figure	P-1dB
0.1-26.5 GHz	22 dB Min	±2.25 dB Max	2.2:1 Nom	2.2:1 Nom	4.0 dB Max above 500MHz	+9 dBm Min
0.1	-----	-----	-----	-----	7.5	10.7
0.5	-----	-----	-----	-----	3.9	9.3
1	-----	-----	-----	-----	3.7	9.2
4	SEE	SEE	SEE	SEE	3.7	11.2
8	PRINTED	PRINTED	PRINTED	PRINTED	3.4	12.9
12	DATA	DATA	DATA	DATA	3.0	11.5
16	-----	-----	-----	-----	2.9	10.6
20	-----	-----	-----	-----	2.6	9.4
24	-----	-----	-----	-----	3.7	13.5
26.5	-----	-----	-----	-----	4.0	12.4

All Data and Specifications @ +25 °C

Stability: **PASS** FAIL
VDC +12 to +15
DC current 170mA Nom. Measured current: 180 mA

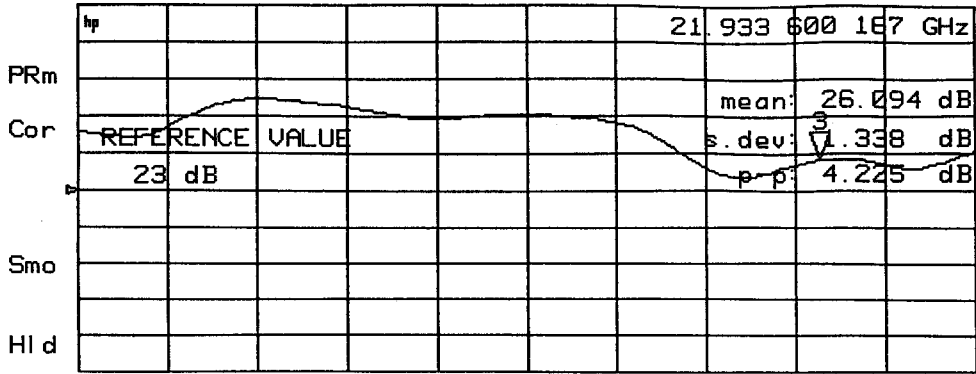
* INCLUDE PLOTTED DATA
QA QA7 DATE 12-31-03

SPECIAL REQUIREMENT(S):

Example 8

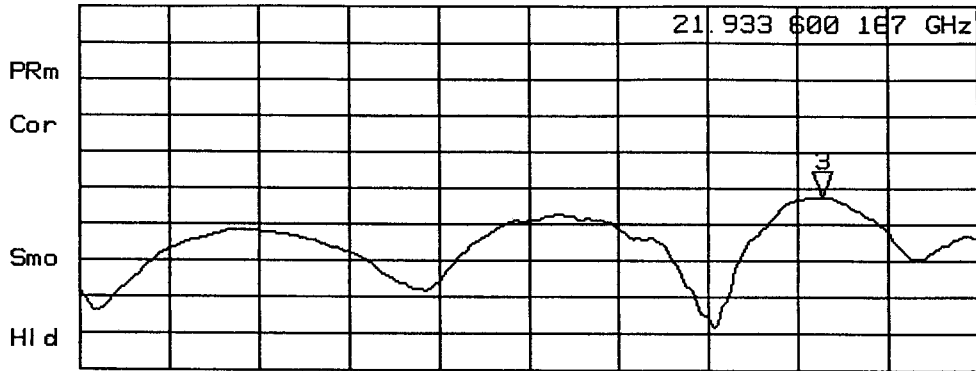
31 Dec 2003 12:00:48
 CH1 S₂₁ log MAG 2 dB/ REF 23 dB 3: 24.668 dB

S/N 101



GAIN

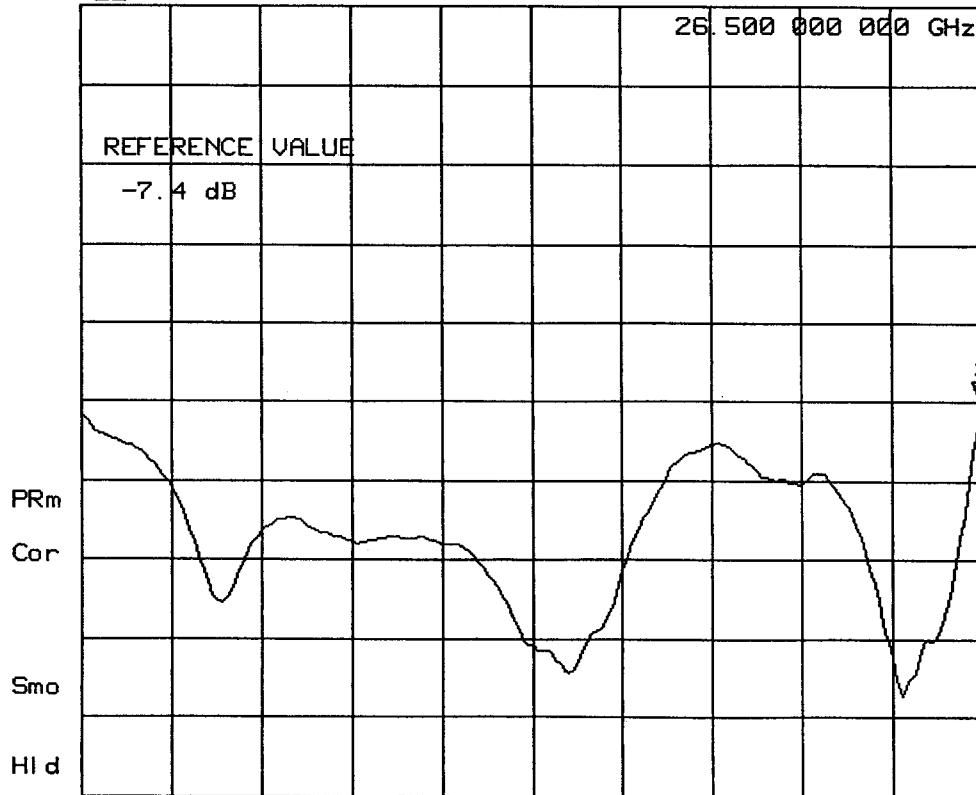
CH2 S₁₁ log MAG 5 dB/ REF -7.4 dB 3 -8.726 dB



INPUT VSWR

START .100 000 000 GHz STOP 26.500 000 000 GHz

31 Dec 2003 12:01:26
 CH2 S₂₂ log MAG 5 dB/ REF -7.4 dB 3 -7.719 dB



OUTPUT VSWR

START .100 000 000 GHz STOP 26.500 000 000 GHz