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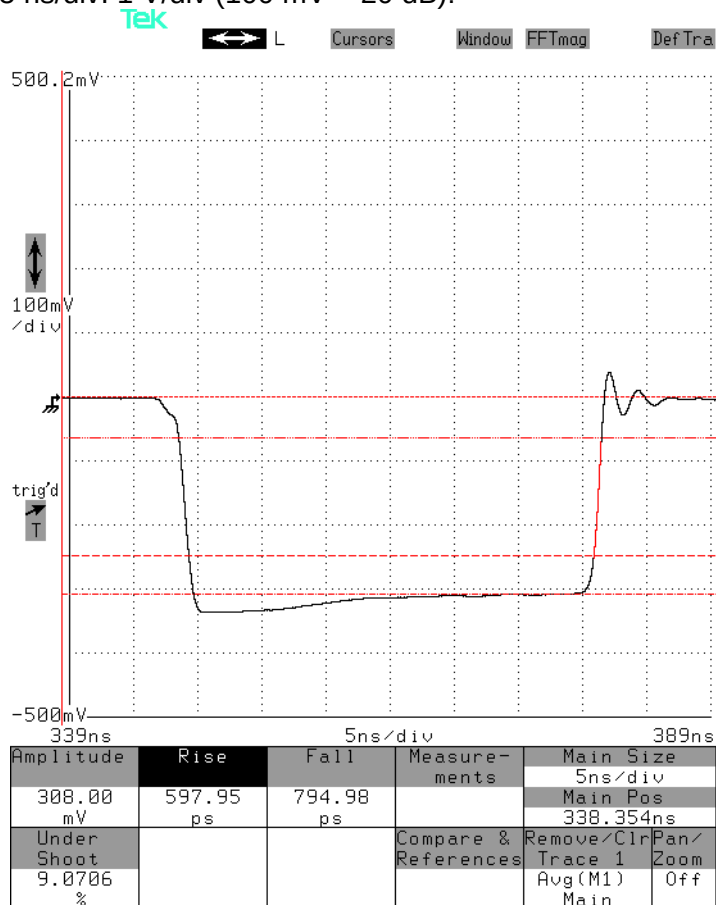
PERFORMANCE CHECKSHEET

Model: AV-141C1
Type: High Speed Linear Amplifier
S.N.: 12142
Date: December 3, 2008

Rise Time Test

Output in response to an input with ~ 100 ps rise time.

5 ns/div. 1 V/div (100 mV × 20 dB):



a) Output Signal Amplitude:
0 to ±3V, to 50 Ohms

b) Gain: +10, fixed

c) Rise Time (20%-80%): < 0.8 ns

d) Fall Time (20%-80%): < 0.8 ns

e) Bandwidth: 800 MHz

f) Jitter, Stability: OK

g) Prime Power: +/- 15V, 100 mA

References levels: 20%, 80%.