

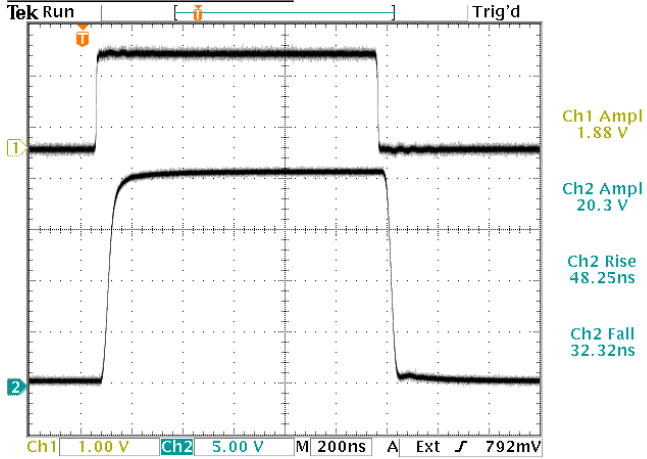
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-145D

S.N.: 10567

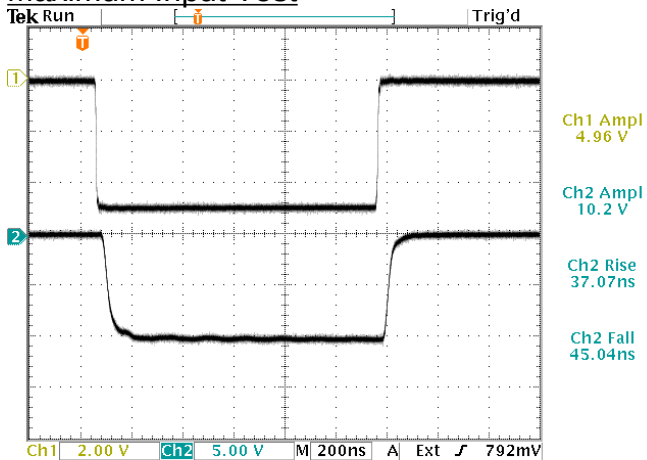
Date: March 18, 2003

Maximum Gain Test



Top: IN, +2V pulse, approx, 1V / div, 200 ns / div. $V_{GAIN} = +5V$.
Bottom: OUT, +20V pulse into 50 Ω , 5V / div

Maximum Input Test



Top: IN, -5V pulse, approx, 2V / div, 200 ns / div. $V_{GAIN} = +1V$.
Bottom: OUT, -20V pulse into 50 Ω , 10V / div

a) Output Signal Amplitude: 0 to $\pm 20V$

b) Gain: +0.1 to +10 V/V, variable

c) Rise Time: < 50 ns

d) Fall Time: < 50 ns

e) PRF: N/A

f) Jitter, Stability: OK

g) Prime Power: +24V, 0.5A, and
-24V, 0.5A.