

## PULSE GENERATOR

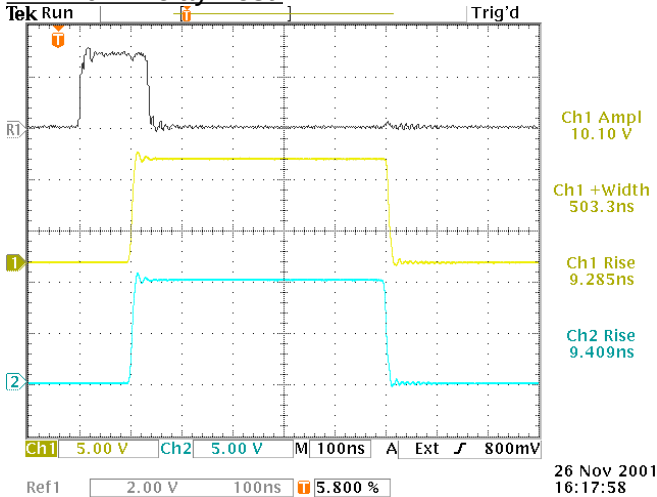
### PERFORMANCE CHECK

Model: AVX-DD-A3-PS-TC

S.N.: 9976

Date: November 26, 2001

#### Minimum Delay Test:

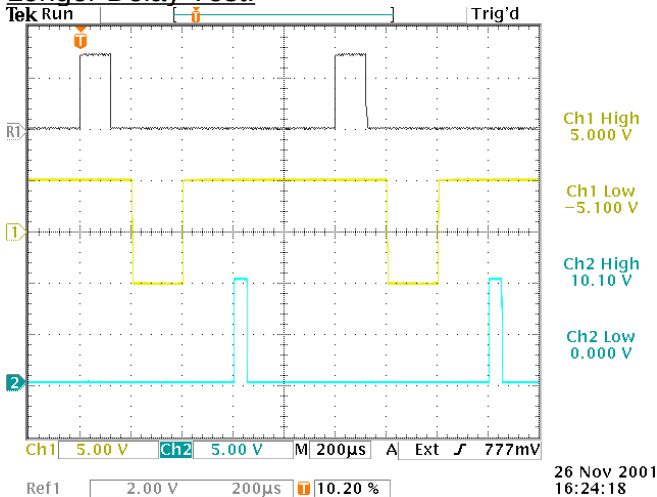


Top: TRIG IN, TTL signal. 2V/div, 100 ns/div

Mid: OUT1, +10V, 500 ns, to 50Ω. 5V/div, 100 ns/div

Bot: OUT2, +10V, 500 ns, to 50Ω. 5V/div, 100 ns/div

#### Longer Delay Test:



Top: TRIG IN, TTL signal. 2V/div, 200 us/div

Mid: OUT1, +10V with -5V offset, 800 us pulse width, 400 us delay, to 50Ω. 5V/div, 200 us/div

Bot: OUT2, +10V with 0V offset, 50 us pulse width, 600 us delay, to 50Ω. 5V/div, 200 us/div

a) Output Signal Amplitude: 0 to  $\pm 10V$

b) Pulse Width: 50 ns - 500 ms

c) Delay: 0 to 500 ms (100 ns insertion delay)

d) Rise Time: 10 ns

e) Fall Time: 10 ns

f) PRF: 1Hz - 10 MHz

g) Jitter, Stability: OK

h) Prime Power: 120/240V AC, 50-60 Hz,