

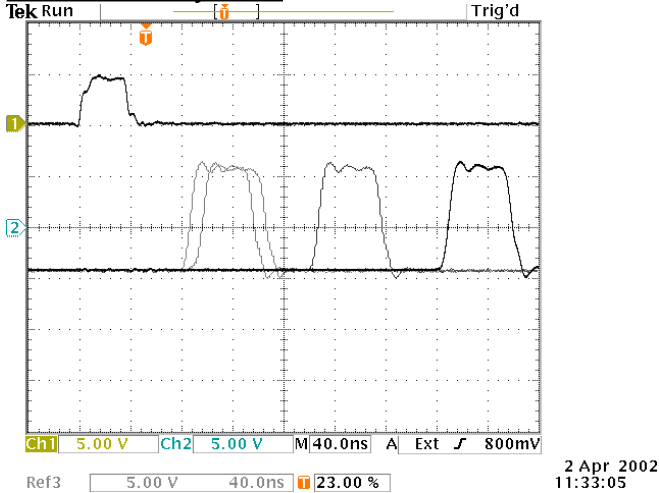
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVX-DD-A3-PS

S.N.: 10140

Date: April 2, 2002

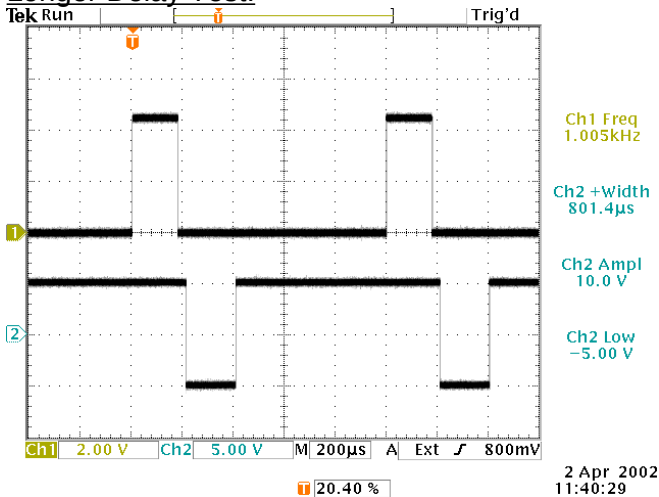
Minimum Delay Test:



Top: TTL input, 40 ns wide
Bottom: OUT, with 50 ns PW, +10V amplitude, and -4V offset. Delay set at 0, +10, +100 and +200 ns.

- a) Output Signal Amplitude: 0 to $\pm 10V$
- b) Pulse Width: 50 ns – 1 s
- c) Delay: 0 - 1.0 s (< 100 ns insertion delay)
- d) Rise Time: 10 ns
- e) Fall Time: 10 ns
- f) PRF: 1Hz - 10 MHz
- g) Jitter, Stability: OK

Longer Delay Test:



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

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

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