

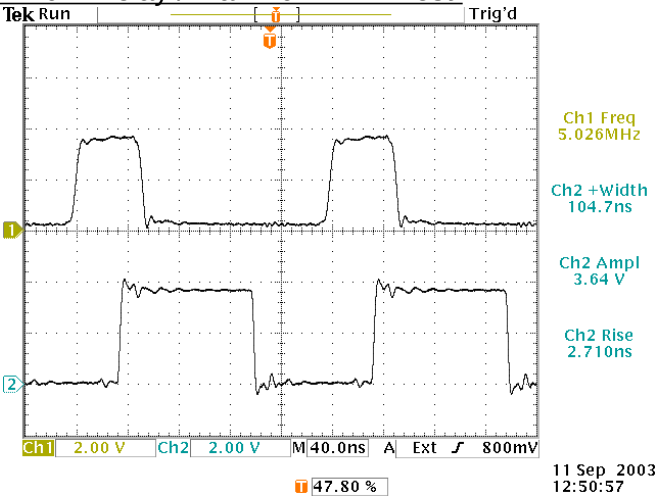
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVX-DD-A1-PS-HR

S.N.: 10678

Date: April 2, 2002

Minimum Delay / Maximum PRF Test:

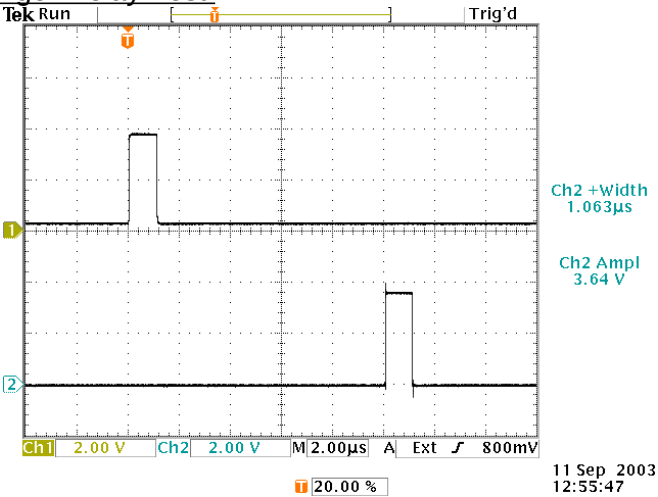


Top: TTL input, 5 MHz

Bottom: OUT, with 100 ns PW. Delay set to zero.

Measured delay jitter: 34 ps.

Longer Delay Test:



Top: TTL input, 1 kHz

Bottom: OUT, maximum pulse width, delay set to 10 US.

Measured delay jitter: 58 ps.

a) Output Signal Amplitude: TTL

b) Pulse Width: 0.1 – 1 us

c) Delay: 0 – 999.9999 us (< 40 ns insertion delay)

d) Rise Time: < 10 ns

e) Fall Time: < 10 ns

f) PRF: 5 MHz maximum

g) Jitter, Stability: OK

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