

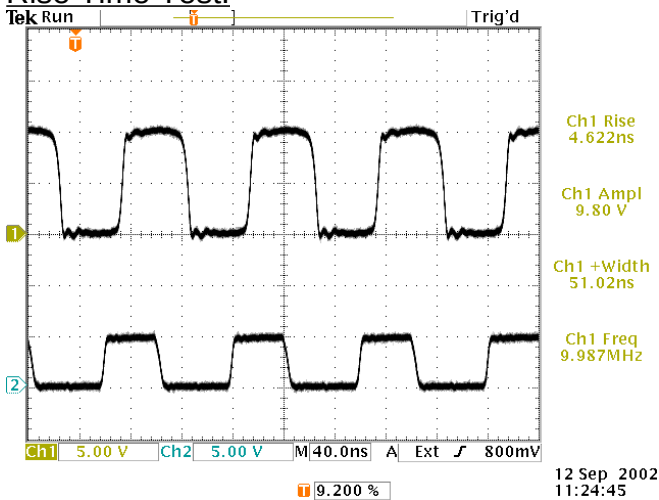
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1000-C

S.N.: 10432

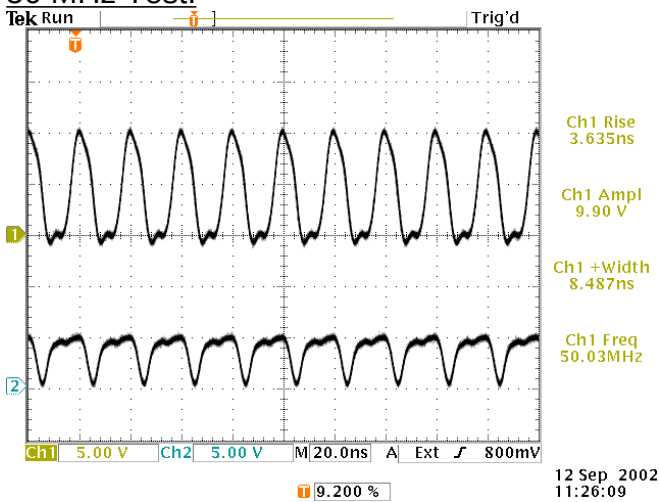
Date: September 12, 2002

Rise Time Test:



Top: +10V into 50Ω, 10 MHz
Bottom: TTL OUT, same settings
Both: 5 V/div, 40 ns/div.

50 MHz Test:



Top: +10V into 50Ω, near minimum pulse width and at maximum pulse repetition frequency
Bottom: NOT TTL OUT, same settings
Both: 5 V/div, 20 ns/div.

a) Output Signal Amplitude: 0 to ±10V, plus TTL and ECL outputs.

b) DC Offset: 0 to ±10V

c) Pulse Width: 10 ns - 1 ms

d) Rise Time: 5 ns - 1 ms

e) Fall Time: 5 ns - 1 ms

f) PRF: 1 Hz - 50 MHz

g) Jitter, Stability: OK

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