

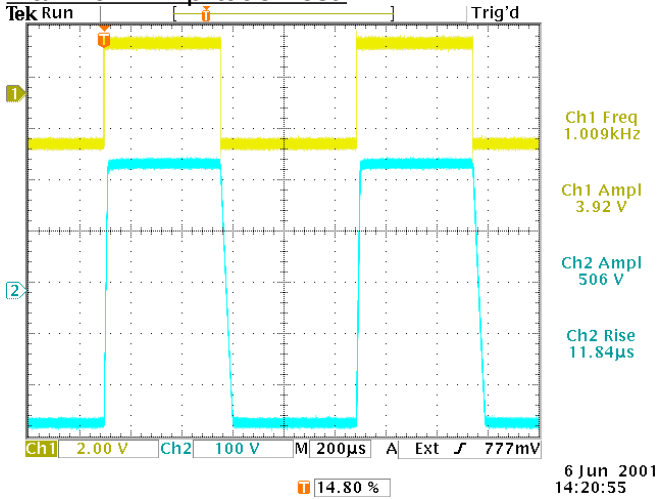
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-110A-PS

S.N.: 9831

Date: June 6, 2001

Maximum Amplitude Test:



Top: Input, $\pm 2V$ amplitude. 2 V/div, 200 μs /div
Bottom: Output, $\pm 500V$. 200V/div, 200 μs /div. (A 2:1 attenuator with a total impedance of 100 k Ω was used to observe the output waveform.)

a) Output Signal Amplitude: 0 to $\pm 500V$

b) Gain: x1 to x250

c) Rise Time: < 35 μs

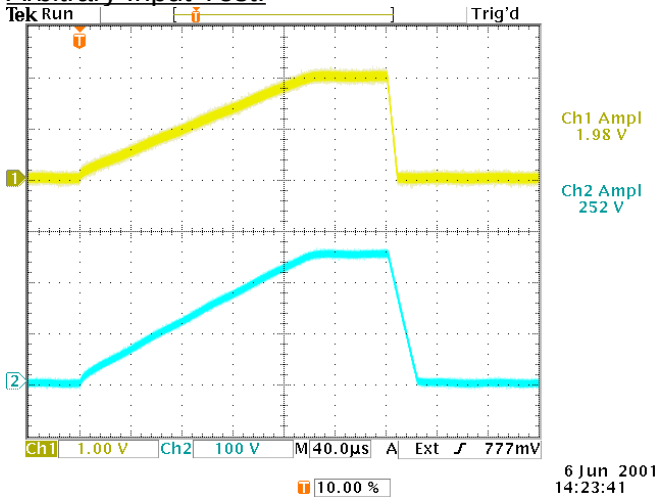
d) Fall Time: < 35 μs

e) PRF: DC - 3 kHz

f) Jitter, Stability: OK

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

Arbitrary Input Test:



Top: Input, 0 to +2V amplitude. 2 V/div, 200 μs /div
Bottom: Output, 0 to +500V. 200V/div, 40 μs /div. (A 2:1 attenuator with a total impedance of 100 k Ω was used to observe the output waveform.)