

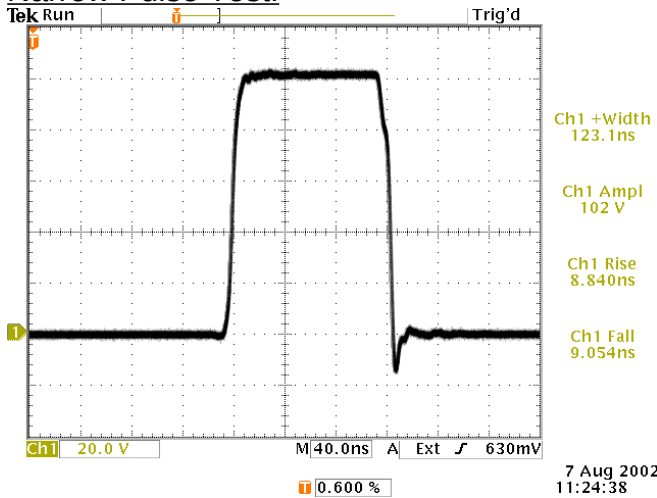
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1010-C

S.N.: 10401

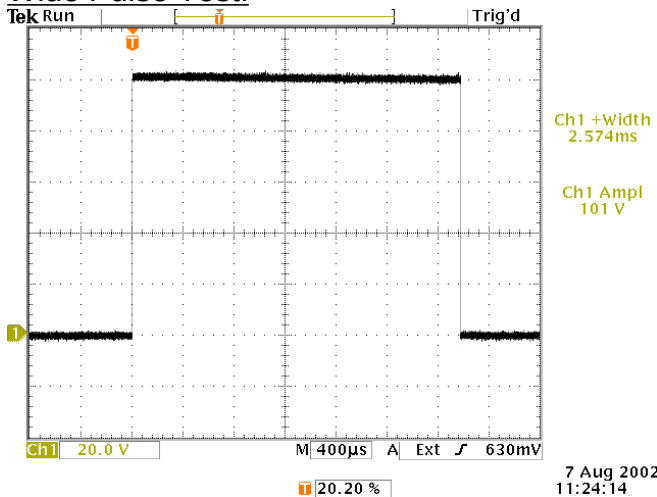
Date: August 7, 2002

Narrow Pulse Test:



Output waveform (20 V/div, 40 ns/div) for:
PRF=100 kHz, PW=100ns, AMPL=+100V, $R_L = 50\Omega$

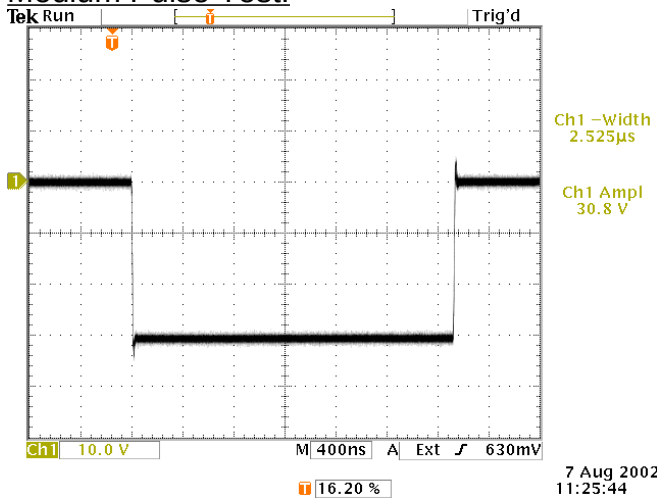
Wide Pulse Test:



Output waveform (20 V/div, 400 us/div) for:
PRF=10 Hz, PW=2.5 ms, AMPL=+100V, $R_L = 50\Omega$

- a) Output Signal Amplitude: 0 to $\pm 100V$
($R_L \geq 50\Omega$)
- b) Pulse Width: 50 ns - 10 ms
(10% max. duty cycle at 100V)
- c) Rise Time: ≤ 10 ns
- d) Fall Time: ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 120/240V AC, 50-60 Hz

Medium Pulse Test:



Output waveform (10 V/div, 400 ns/div) for:
PRF = 1 kHz, PW = 2.5 us, AMPL = -30V (30V range),
 $R_L = 50\Omega$