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PERFORMANCE CHECKSHEET

Model: AV-1011-B
S.N.: 11030
Date: October 5, 2004

a) Output Signal Amplitude: 0 to ±100V
(RL ≥ 50Ω)

b) Pulse Width: 100 ns - 1 ms
(10% max. duty cycle at 100V)

c) Rise Time: ≤ 10 ns

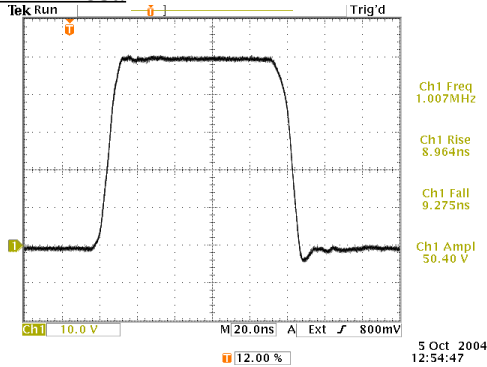
d) Fall Time: ≤ 10 ns

e) PRF: 0 - 1 MHz

f) Jitter, Stability: OK

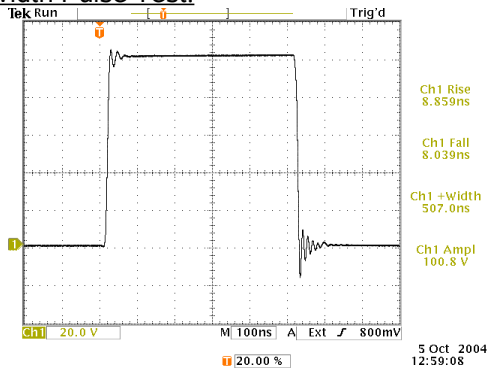
g) Prime Power: 100-240V AC, 50-60 Hz.

Maximum PRF Test:



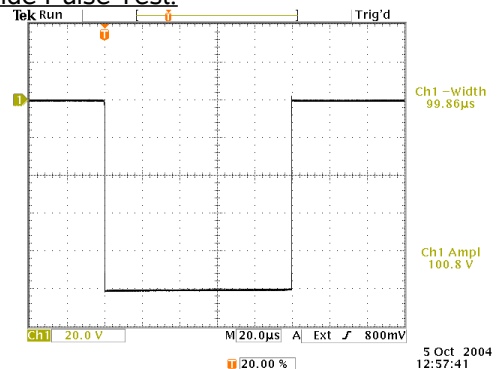
Output waveform (10V/div, 20 ns/div) for:
PRF=1 MHz, PW=100ns, AMPL=+100V, ZOUT=50Ω

Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for:
PRF=100 kHz, PW=500ns, AMPL=+100V, ZOUT=2Ω

Wide Pulse Test:



Output waveform (20V/div, 20 us/div) for:
PRF=100 Hz, PW=100 us, AMPL=-100V,
ZOUT=2Ω

Reference levels: 10%, 90%