

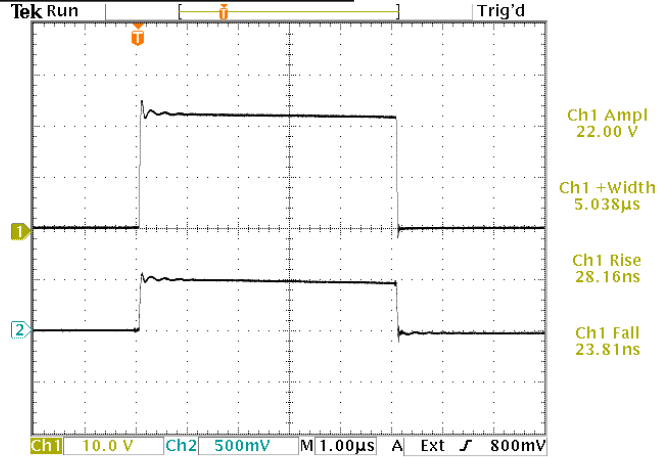
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-107D-B-EA-R5-P

S.N.: 10619

Date: June 6, 2003

Pulse Width / Rise Time Test



6 Jun 2003 14:26:53
Top: Main OUT, +20A, into 1.1Ω. 10V/div, 1 us/div.
Bottom: Monitor output. 0.5V/div, 1 us/div.

a) Output Signal Amplitude: 0 to +20A

b) Pulse Width: 50 ns – 5 us

c) Rise Time: < 30 ns

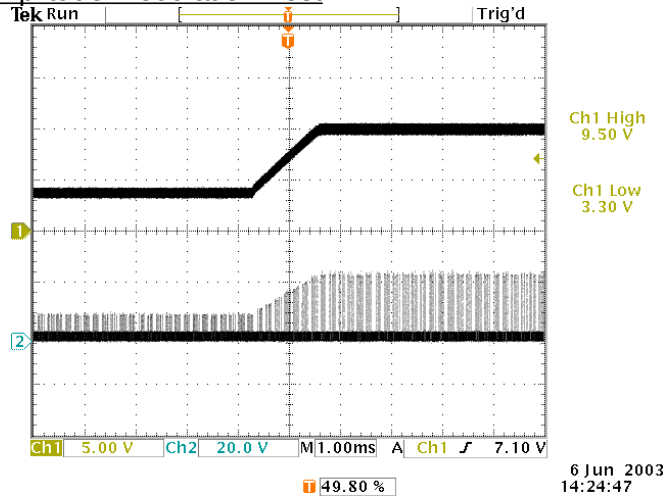
d) Fall Time: < 30 ns

e) PRF: 1 Hz - 500 Hz

f) Jitter, Stability: OK

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

Amplitude Modulation Test



6 Jun 2003 14:24:47
Top: AMP input, with RANGE = +5V.
Bottom: Main OUT, into 1.1Ω. 20V/div, 1 ms/div.

The oscilloscope is set to “envelope” mode, to show the change in amplitude in response to the modulation input.