

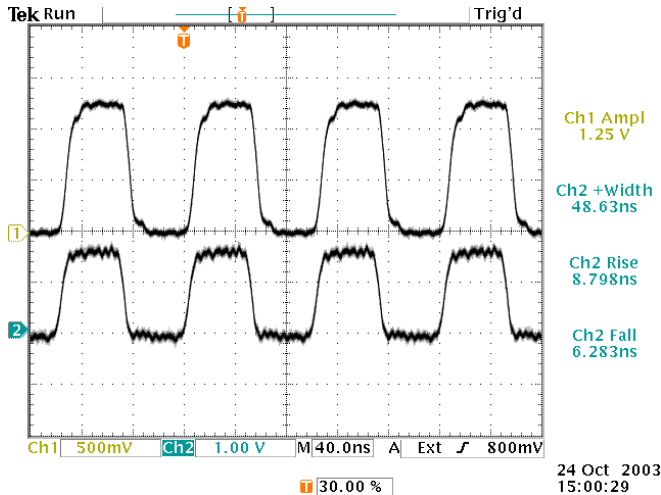
PULSE GENERATOR

PERFORMANCE CHECK

Model: AV-155A-B-R5

S.N.: 10742

Date: October 24, 2003



a) Output Signal Amplitude: 0 to ± 200 mA, plus 0 to ± 200 mA offset

b) Pulse Width: 20 ns – 1 s

c) Rise Time: < 10 ns

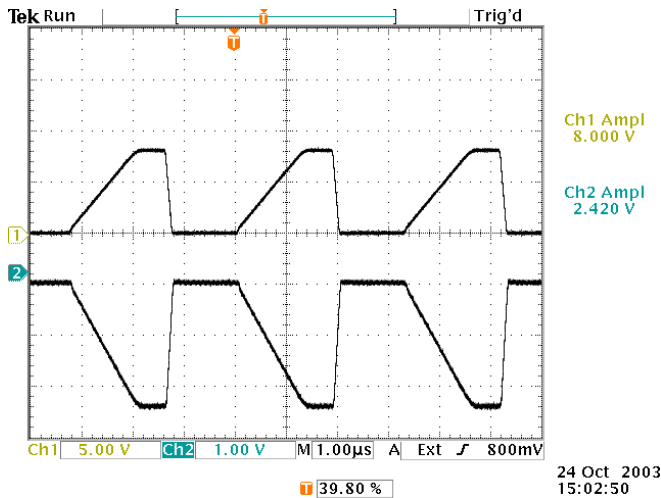
d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

f) Jitter, Stability: OK

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

Top: OUT, 0.2A into 6.2 Ω load at end of LZ6 transmission line. 50 ns PW, 10 MHz
Internal Trigger mode. 0.5V/div, 40 ns/div.
Bottom: Monitor output, 10 k Ω load. 1V/div, 40 ns/div



Top: AMP input, from AV-1000-C pulse generator.
EXT AMPLIFY mode. 5 V/div, 1 μ s/div.
Bottom: OUT, -0.4A into 6.2 Ω load at end of LZ6 transmission line. 1 V/div, 1 μ s/div