



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

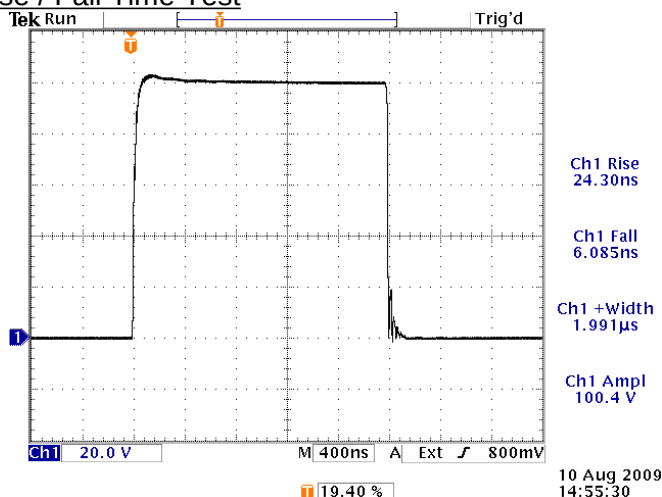
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVOZ-B3-B-P
Type: High-Speed High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12302
Date: August 10, 2009

Rise / Fall Time Test



100 Hz, 2 us, +100V into the AV-CTL1-ENC test load.
20 V/div, 400 ns/div

a) Output Signal Amplitude: 0 to +100V

b) Pulse Width (FWHM): 100 ns – 2 us

c) Rise Time (20%-80%): < 30 ns

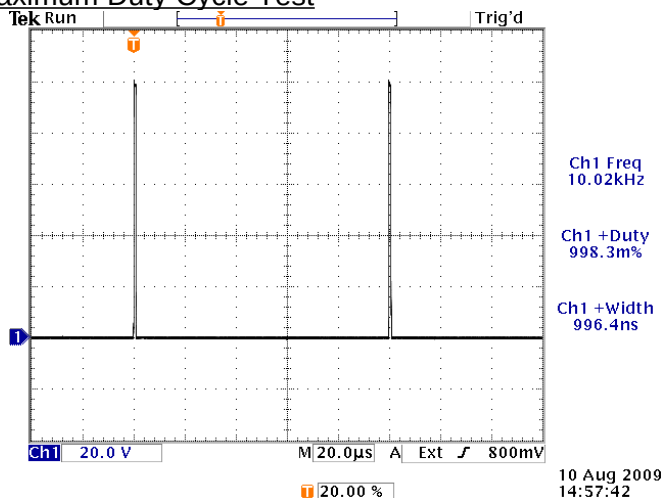
d) Fall Time (80%-20%): < 30 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

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

Maximum Duty Cycle Test



10 kHz, 1 us, +100V into a fan-cooled high-power 1.0Ω
test load. 20 V/div, 20 us/div

Reference levels: 10%, 90%.