



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

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

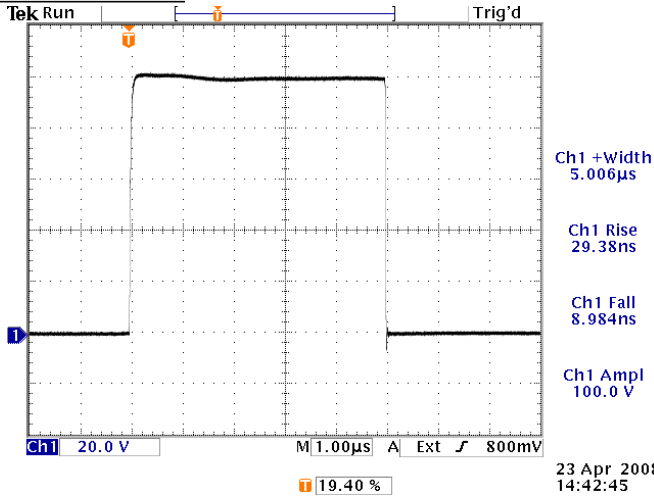
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVOZ-A4-B-P  
Type: High-Speed, High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 11861  
Date: April 23, 2008

Wide Pulse Test



100 Hz, 5 us, +100V into the AV-CLZ1-60 and the AV-CTL1-ENC test load. 20 V/div, 1 us/div.

a) Output Signal Amplitude: 0 to +100 V to  $\geq 1.0$  Ohms (i.e., 0 to +100 Amps)

b) Pulse Width: 100 ns - 5 us (maximum duty cycle 0.1%)

c) Rise Time:  $\leq 40$  ns (20-80%)

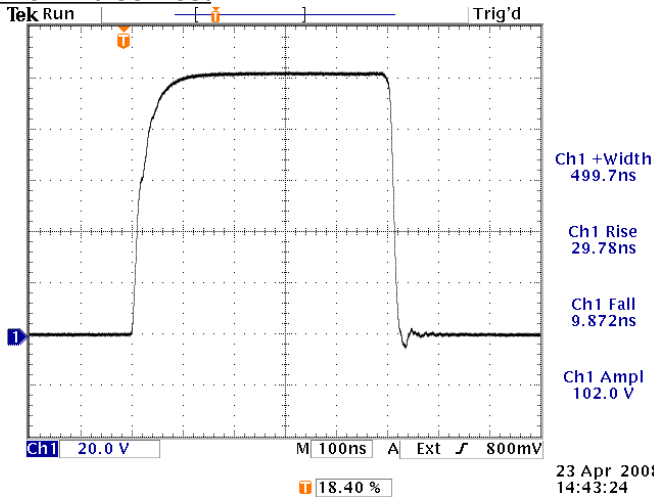
d) Fall Time:  $\leq 30$  ns (80-20%)

e) PRF: 0 - 10 kHz (maximum duty cycle 0.1%)

f) Jitter, Stability: OK

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

Narrow Pulse Test



100 Hz, 500 ns, +100V into the AV-CLZ1-60 and the AV-CTL1-ENC test load. 20 V/div, 100 ns/div.

References levels: 20%, 80%.