



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)

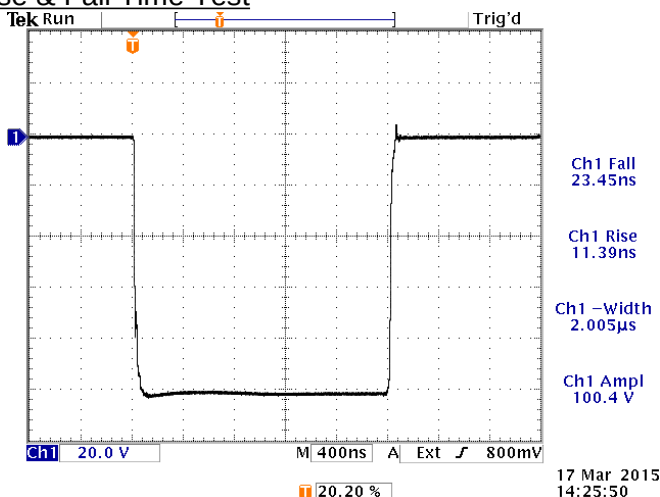
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVOZ-B4-B-N-AK3-AC22  
Type: High-Voltage, High-Current Laser Diode Driver  
S.N.: 13261  
Date: March 17, 2015

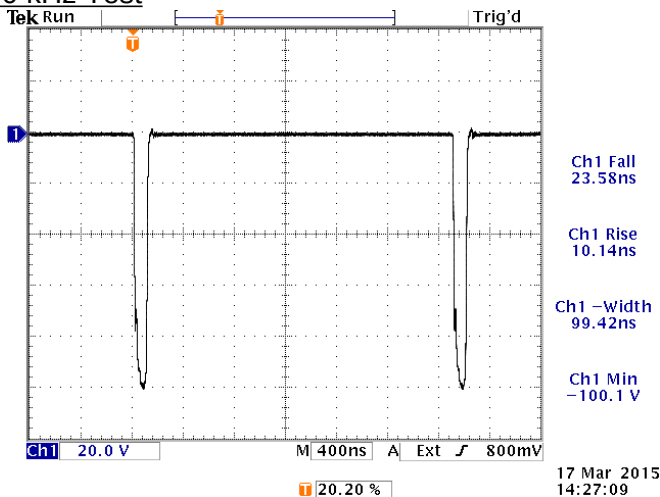
Rise & Fall Time Test



20 kHz, 2 us, -100V into a 1.0Ω load at the end of a 60cm length of AV-CLZ1 cable. 20 V/div, 400 ns/div.

- a) Output Signal Amplitude: up to -100V, into 1.0Ω
- b) Pulse Width (FWHM): 100 ns - 2 us, 4% duty cycle
- c) Rise Time (20%-80%): < 30 ns
- d) Fall Time (20%-80%): < 30 ns
- e) PRF: 1 Hz - 400 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

400 kHz Test



400 kHz, 100 ns, -100V into a 1.0Ω load at the end of a 60cm length of AV-CLZ1 cable. 20 V/div, 400 ns/div.

References levels: 20%, 80%.