



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

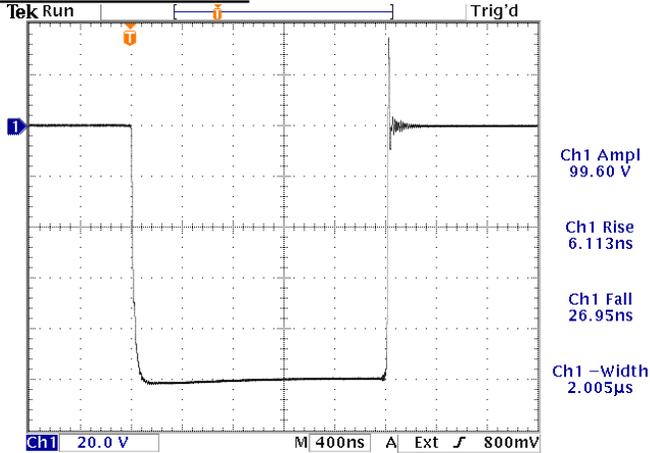
Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVOZ-B4-B-N-AC22
Type: High-Voltage, High-Current Laser Diode Driver
S.N.: 14514
Date: February 11, 2025

Rise & Fall Time Test



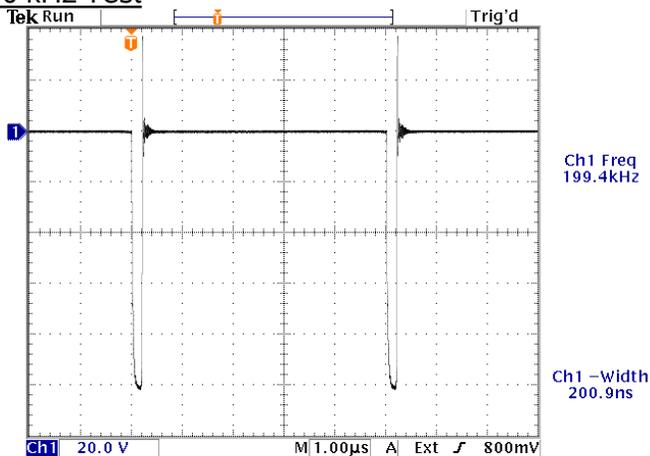
- a) Output Signal Amplitude: up to -100V, into 1.0Ω
- b) Pulse Width (FWHM): 100 ns - 2 us, 4% duty cycle
- c) Rise Time (20%-80%): < 35 ns
- d) Fall Time (20%-80%): < 35 ns
- e) PRF: 1 Hz - 200 kHz

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.

f) Jitter, Stability: OK

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

200 kHz Test



200 kHz, 200 ns, -100V into a 1.0Ω load at the end of a 60cm length of AV-CLZ1 cable. 20 V/div, 1 us/div.

References levels: 20%, 80%.