



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

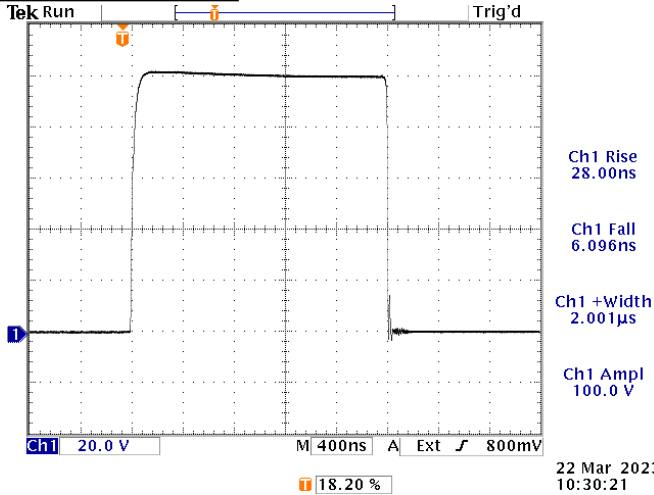
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVOZ-B3-B-P  
Type: High-Speed High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 14336  
Date: March 22, 2023

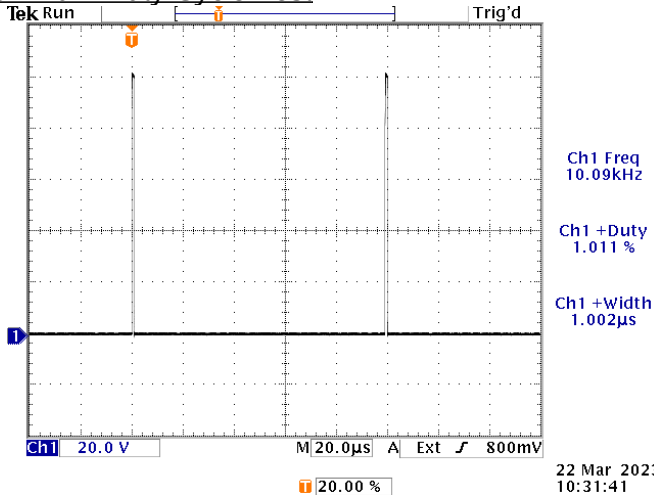
Rise / Fall Time Test



100 Hz, 2 us, +100V into a 1Ω / 100W test load, using AV-CLZ1-60 cabling. 20 V/div, 400 ns/div

- a) Output Signal Amplitude: up to +100V
- b) Pulse Width (FWHM): 100 ns – 2 us
- c) Rise Time (20%-80%): < 35 ns
- d) Fall Time (80%-20%): < 35 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 1Ω / 100W test load, using AV-CLZ1-60 cabling. 20 V/div, 20 us/div