

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

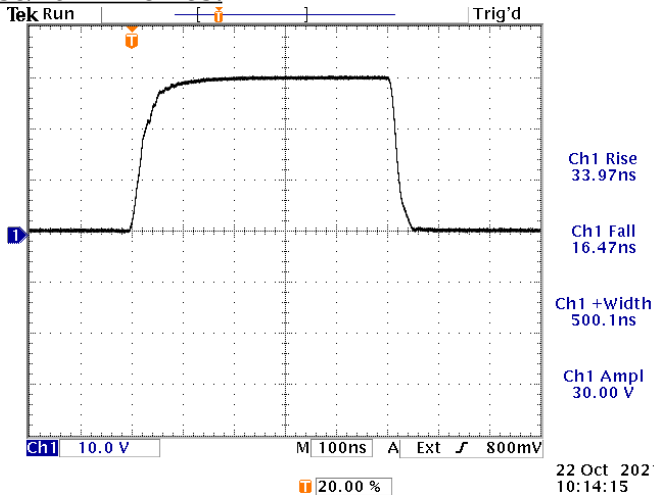
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-106A-B-P  
Type: Pulsed Laser Diode Driver  
S.N.: 14172  
Date: October 22, 2021

Rise/Fall Time Test



a) Output Signal Amplitude: up to +30A

b) Pulse Width (FWHM): 0.5 to 50 us

c) Rise Time (20%-80%): < 50 ns

d) Fall Time (80%-20%): < 50 ns

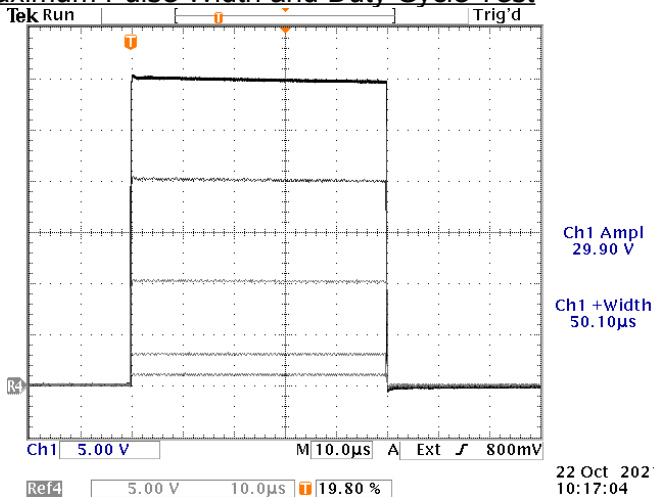
e) PRF: 1 Hz – 1 kHz

f) Jitter, Stability: OK

+30A, 500 ns, 50 Hz, into a 0.99 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

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

Maximum Pulse Width and Duty Cycle Test



50 Hz, 50 us, at +1A, +3A, +10A, +20A, and +30A into a 0.99 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

References levels: 20%, 80%.