

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

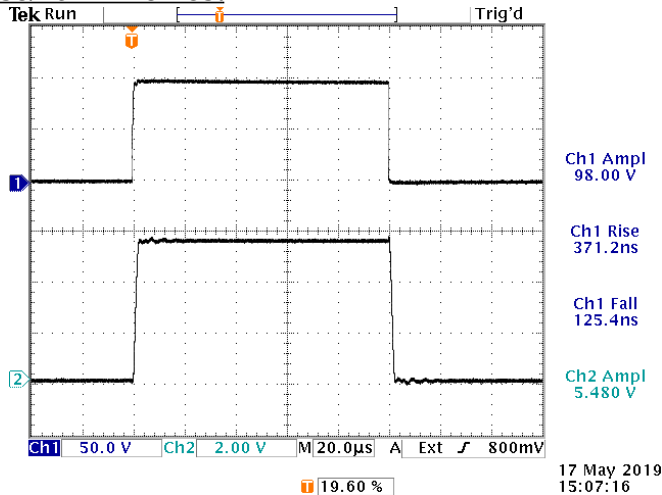
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-106B-B-AC03-R5-P-TP1A-SY1A
Type: Pulsed Constant Current Generator
S.N.: 13883
Date: May 17, 2019

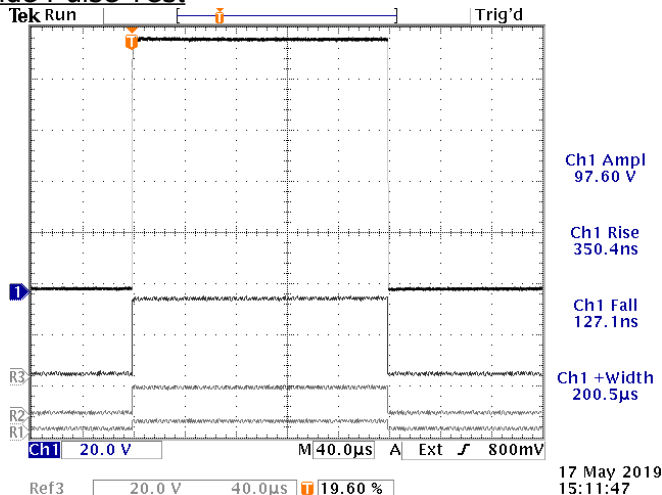
Rise/Fall Time Test



Top: +100A into the AV-CTL1-ENC load, using the AV-CLZ1-200 cable.
Bottom: Monitor output into open circuit

- a) Output Signal Amplitude: up to +100 A
- b) Pulse Width (FWHM): < 2 – 200 us
- c) Rise Time (20%-80%): < 1 us
- d) Fall Time (80%-20%): < 1 us
- e) PRF: 1 Hz - 100 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



200 us, 5 Hz, into 0.978Ω directly on the rear panel.
3, 10, 30, & 100 Amps. 20 V/div, 40 us / div.

Reference levels: 20%, 80%.