



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)

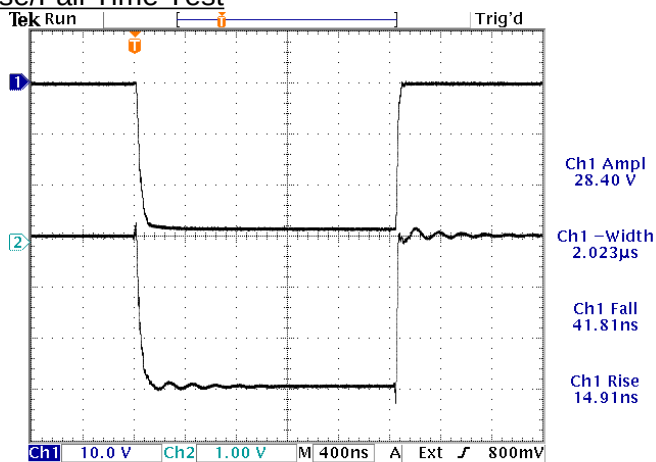
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-106A-B-N-M-BR-R5
Type: High-Speed Pulsed-Constant-Current Generator
S.N.: 11628 (upgraded)
Date: May 18, 2017

Rise/Fall Time Test



17 May 2017
17:52:06

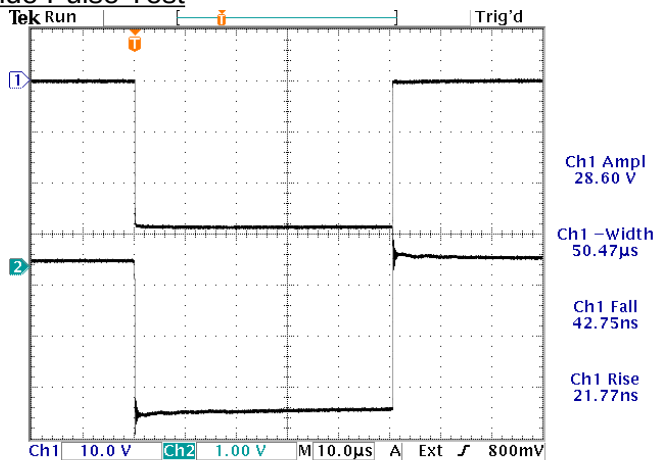
Top: OUT, -30A into 0.9515Ω. 10 V/div, 400 ns/div.
Bottom: Narrow Monitor into 50Ω. 1 V/div, 400 ns/div.

- a) Output Signal Amplitude: 0 to -30A
- b) Pulse Width (FWHM): 0.5 – 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

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

Wide Pulse Test

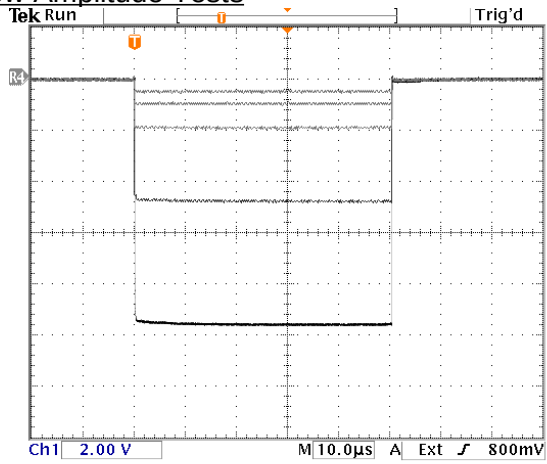


17 May 2017
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Top: OUT, -30A into 0.94Ω. 10 V/div, 10 us/div.
Bottom: Wide Monitor into 50Ω. 1 V/div, 10 us/div.

References levels: 20%, 80%.

Low Amplitude Tests



17 May 2017
17:55:23

OUT, at -0.5A, -1A, -2A, -5A, and -10A,
into 0.94Ω. 2 V/div, 10 us/div.

For all tests, a AV-CLZ1-100 cable was used, with a
AV-CTL1-ENC load installed (which has a measured
resistance of 0.9515Ω).