



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

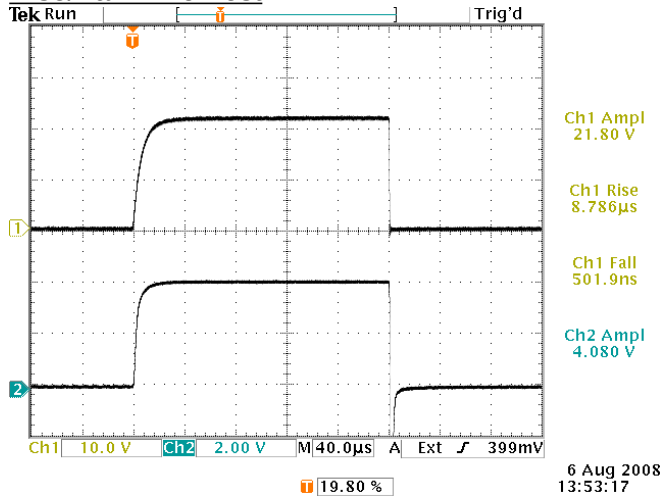
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-108F-2-B-AK4-P
Type: Pulsed Constant Current Generator
S.N.: 12036
Date: August 6, 2008

Rise/Fall Time Test

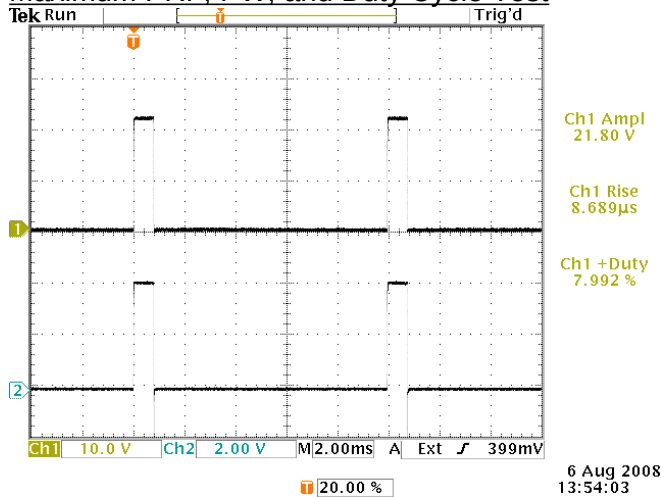


Top: OUT, +100A into AV-HTL-0R2 (0.22Ω).
Bottom: Monitor output (1V / 25A).

- a) Output Signal Amplitude: 0 to +100A
- b) Pulse Width (FWHM): 20 us – 1 ms
- c) Rise Time (20%-80%): < 10 us
- d) Fall Time (80%-20%): < 10 us
- e) PRF: 1 Hz – 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

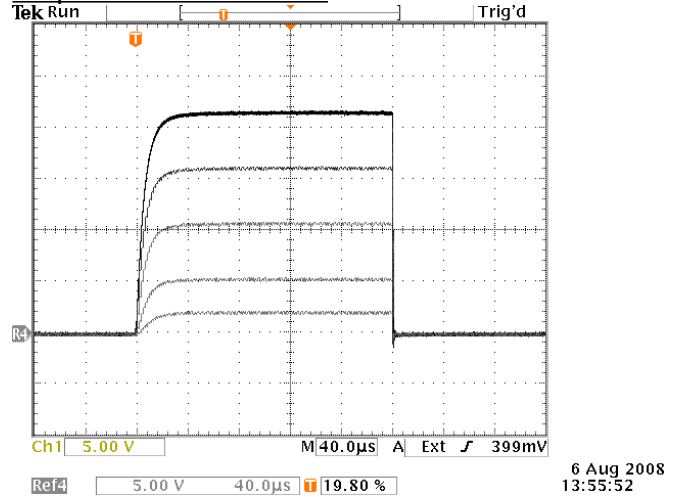
20%, 80% reference levels.

Maximum PRF, PW, and Duty Cycle Test



Top: OUT, +100A into AV-HTL-0R2 (0.22Ω), at 100 Hz, 0.8 ms.
Bottom: Monitor output (1V / 25A).

Amplitude Flatness Test



Top: OUT, +10A, +25A, +50A, +75A, and +100A into AV-HTL-0R2 (0.22Ω), at 100 Hz, 200 us.