



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (613) 226-2802

TEL: 1-800-265-6681
FAX: 1-800-561-1970

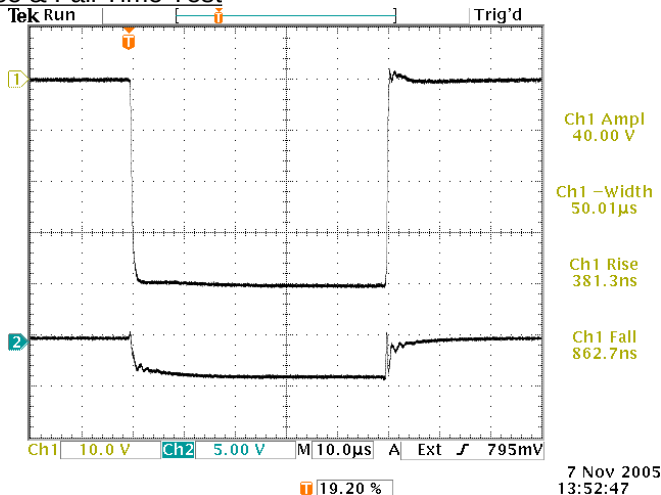
e-mail: info@avtechpulse.com
<http://www.avtechpulse.com/>

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

Model: AVO-8C1-B-DB37-AK4-N
S.N.: 11365
Date: November 7, 2005

Rise & Fall Time Test

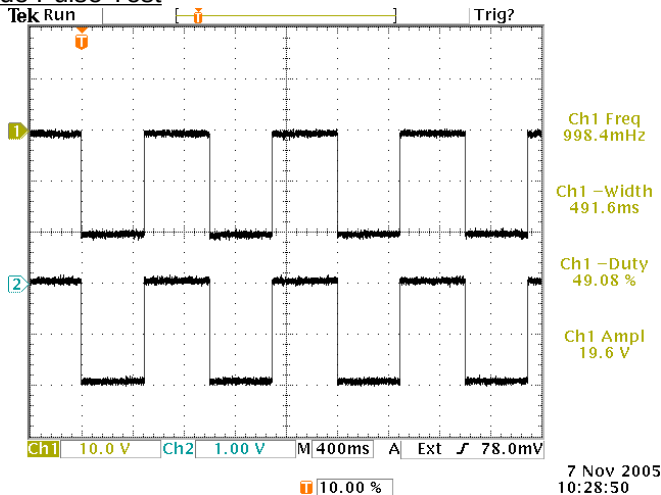


- a) Output Signal Amplitude: 0 to -40V,
0 to -200 Amps.
- b) Pulse Width (FWHM) : 2 us - 1 s
- c) Rise Time (20%-80%): < 1 us
- d) Fall Time (80%-20%): < 1 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: 10 Hz, 50 us, -40V into 0.206Ω. 10 V/div, 10 us/div.
Bottom: Monitor output. 5 V/div, 10 us/div.

Rise/fall reference levels: 10%, 90%
Load: Five AX10GK resistors in parallel, on the end of an Avtech AV-CLZ1-60 cable. Power supply: Xantrex XHR 60-18.

Wide Pulse Test



Top: 1 Hz, 500 ms, -20V into a 0.2Ω load. (-100 Amps)
Bottom: Monitor output. 1 V/div, 400 ms/div.
10 V/div, 400 ms/div.
Load: One-hundred 20 Ohm wirewound resistors in parallel.
Power supply: Xantrex XFR 20-130.

