



□ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265  
TEL: (315) 472-5270  
FAX: (315) 883-1328

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

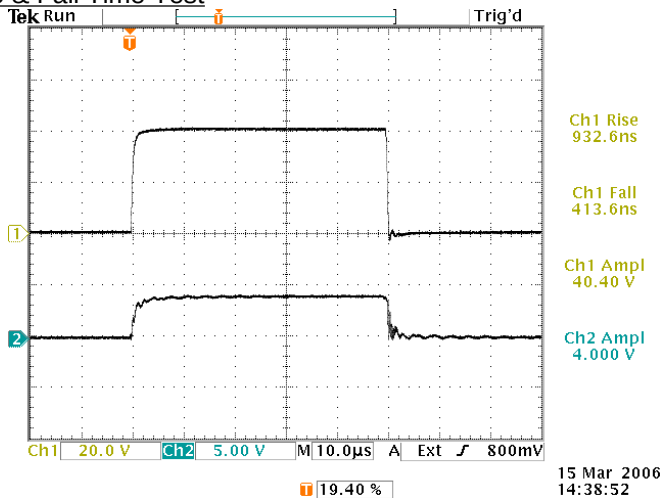
e-mail: info@avtechpulse.com  
http://www.avtechpulse.com/

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

PERFORMANCE CHECKSHEET

Model: AVO-8C1-B-AK4-AK6-P  
S.N.: 11439  
Date: March 15, 2006

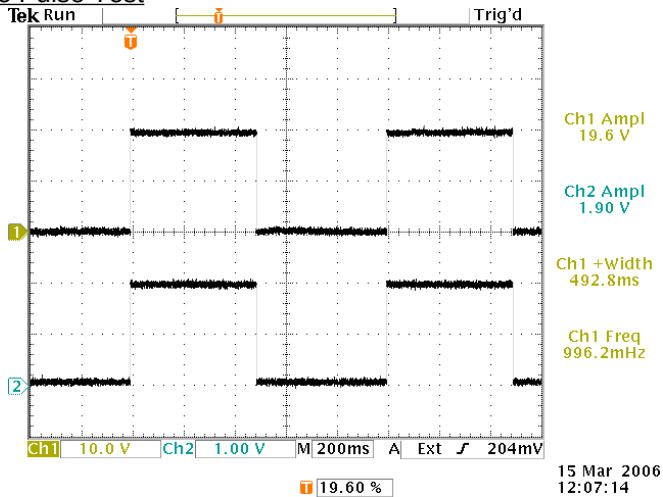
Rise & Fall Time Test



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 0.215Ω load. 10 V/div, 200 ms/div.  
Bottom: Monitor output. 1 V/div, 200 ms/div.

Load: Avtech AV-HTL-0R2 high power load.  
Power supply: Xantrex XFR 20-130.

- 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.