



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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

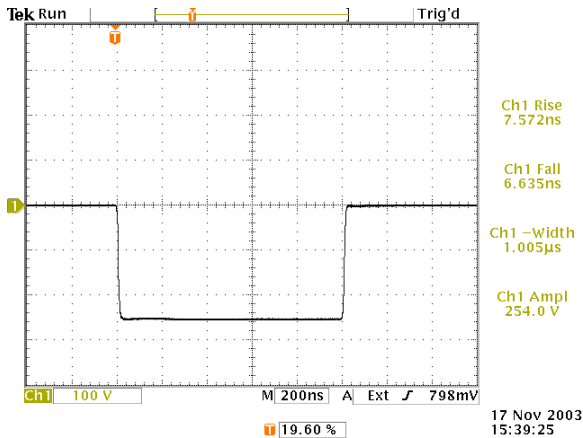
TEL: 1-800-265-6681  
FAX: 1-800-561-1970

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

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

## PERFORMANCE CHECKSHEET

Model: AVO-6C-B-M-PN  
S.N.: 10746  
Date: November 17, 2003



10 kHz, 1 us, -250V into a 50Ω load (no output module).  
Maximum duty cycle. 100 V/div, 200 ns/div.

a) Output Signal Amplitude: 0 to ±250V

b) Pulse Width: 50 ns - 5 us,  
1% duty cycle

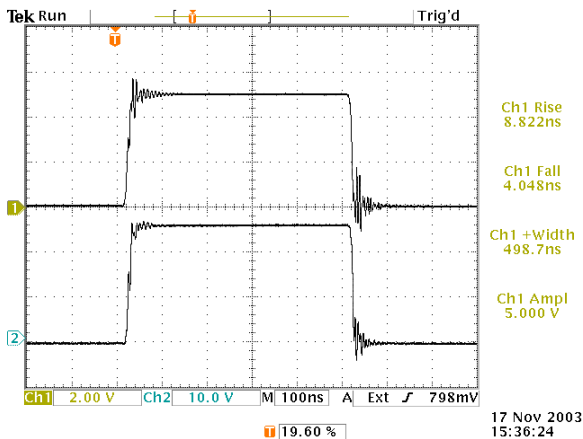
c) Rise Time: < 10 ns

d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

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



Top: Output of Tektronix CT-2 current probe, measuring a +5A current pulse through a 1N5819 diode soldered to the output module. 1A/div, 100 ns/div.

Bot: MON output, into a 50Ω load. 10V/div, 100 ns/div.

Reference levels: 20%, 80%.