



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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

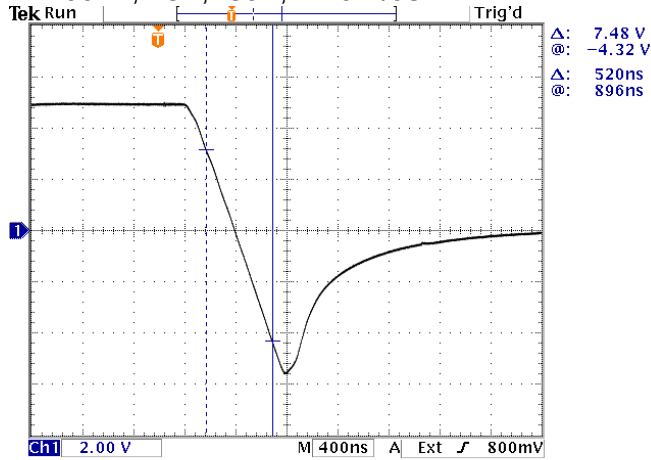
Model: AVR-CD1-B  
Type: Semiconductor Device Tester  
S.N.: 13013  
Date: May 15, 2013

Output Amplitude: +0.1 to +10 A  
Pulse Width (FWHM): 10 us  
Switching Time,  
+ to -: < 20 to > 200 A/us  
PRF: 1 - 100 Hz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

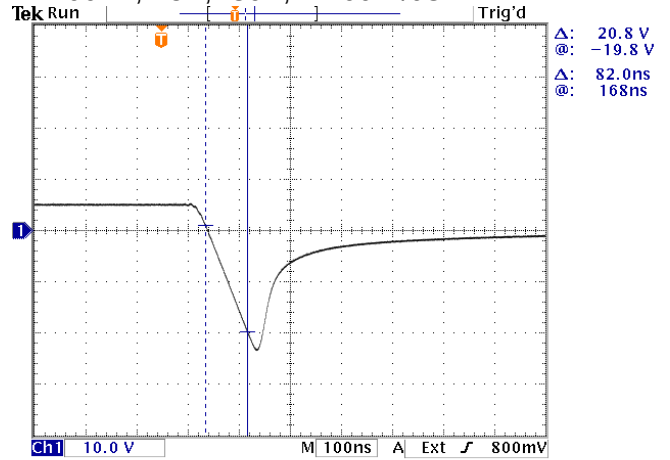
1N4004A, +5A, -80V, < 20 A/us.



15 May 2013  
15:16:29

7.48A / 520 ns = 14.3 A/us

1N4004A, +5A, -80V, > 200 A/us.



15 May 2013  
15:17:17

20.8A / 82 ns = 253 A/us