



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 +1-613-226-5772 (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: AVR-EB4-B-BTA
Type: Semiconductor Device Tester
S.N.: 11910
Date: February 4, 2008

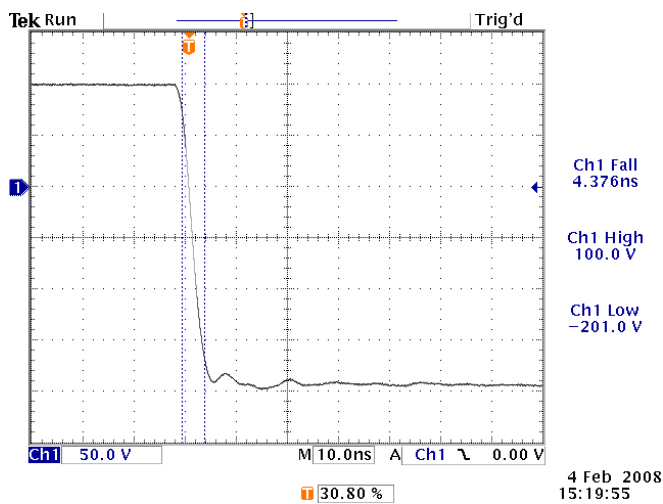
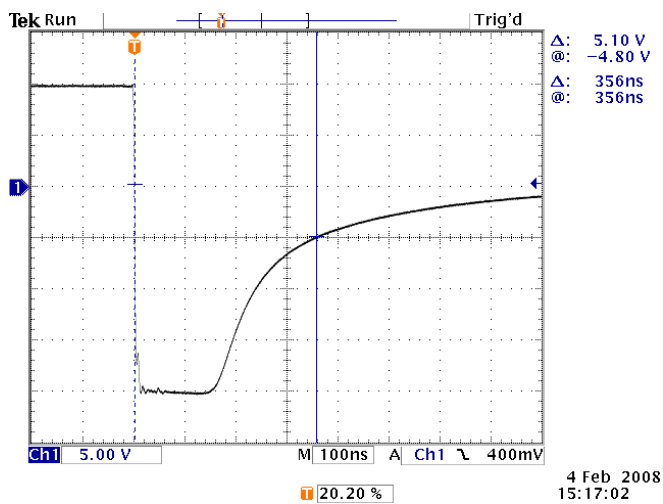
Output Amplitude: to +2A, -4A
Pulse Width (FWHM): 2 – 20 us
Switching Time,
+ to -, 10%-90%: ≤ 4.5 ns
PRF: 1 - 100 Hz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

User-supplied DUT installed in the AVX-TRR-BTA test jig, connected using the 24" coaxial cable:

Mainframe output, into 50 Ohms (no DUT):



$I_F = +2A, I_R = -4A, I_{RR} = -1A.$

50 V / div, 10 ns/div. +100V, -200V.

100 Hz, 20 us PW.

10%-90% transition time shown.

5V (1A) / div, 20 ns/div.

$t_{RR} = 356$ ns under these conditions.