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PERFORMANCE CHECKSHEET

Model: AVR-EB4-B-ANB
Type: Semiconductor Device Tester
S.N.: 11875
Date: November 29, 2007

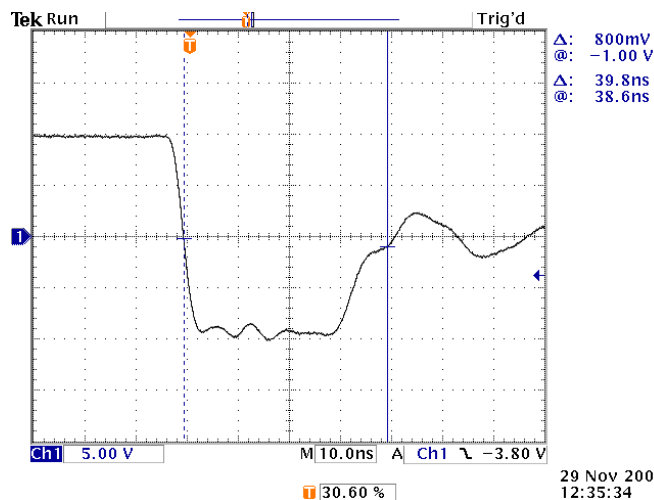
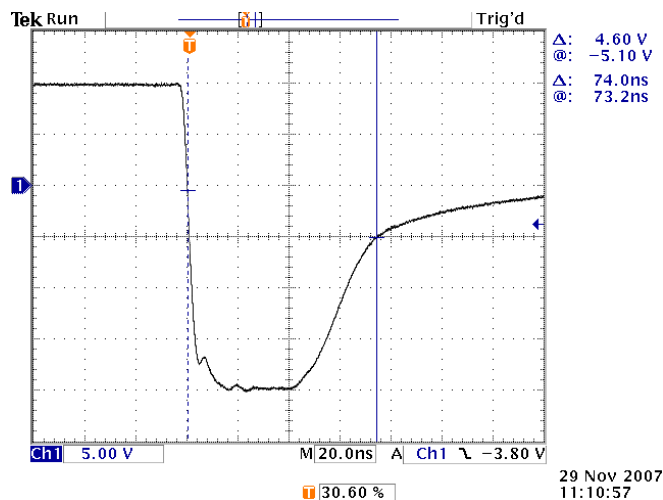
Output Amplitude: to +2A, -4A
Pulse Width (FWHM): 2 – 20 us
Switching Time,
+ to -, 10%-90%: ≤ 4.5 ns
PRF: 1 - 100 Hz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

With an On Semi 1N4937 installed in the AVX-TRR-ANB test jig, connected using the 24" coaxial cable:

With a Microsemi MQ1N5811US installed in the AVX-TRR-MELF test jig, connected using the 24" coaxial cable:



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

$I_F = +1A, I_R = -1A, I_{RR} = -0.1A.$

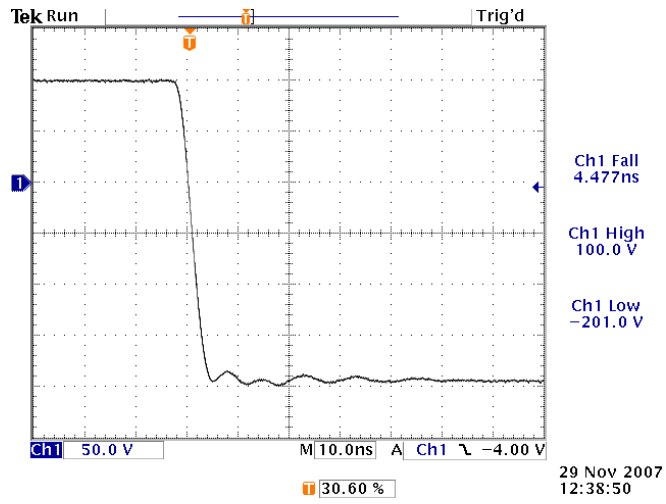
100 Hz, 20 us PW.

100 Hz, 20 us PW.

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

5V (1A) / div, 10 ns/div.

Mainframe output, into 50 Ohms:



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

10%-90% fall time shown.