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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVR-EB4-B-NXPA
Type: Ultra-High-Speed Pulse Generator
S.N.: 12432
Date: May 31, 2010

Output Amplitude: to +0.5A, -1A
Pulse Width (FWHM): 2 us (-)
Switching time (10%-90%):
≤ 1 ns
PRF: 1 Hz - 1 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

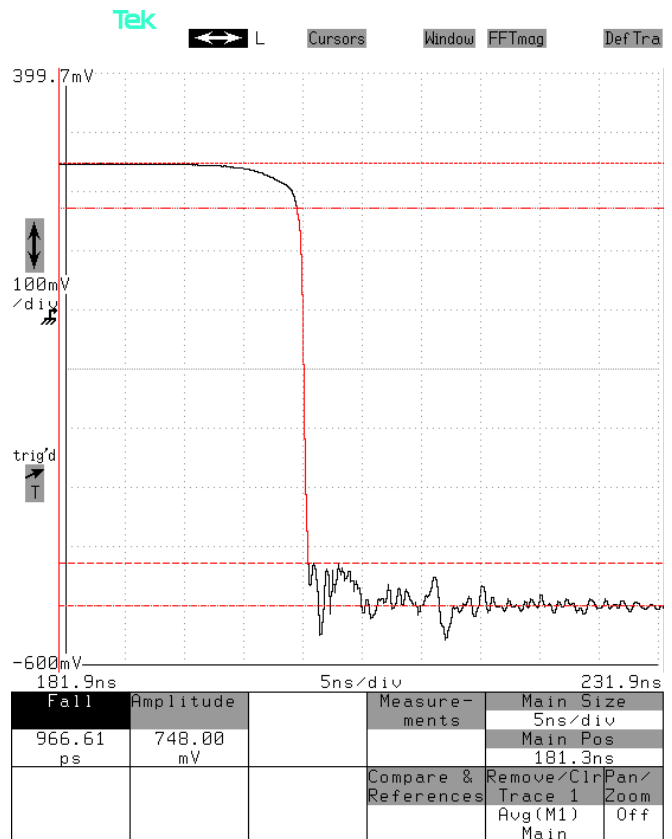
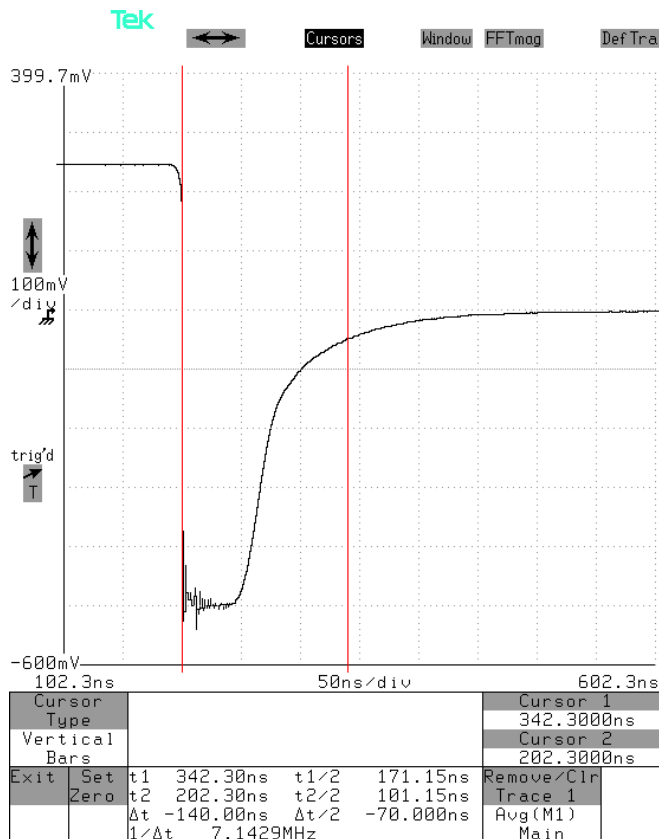
Test Waveforms

Reverse recovery transient of 1N4937 at +0.5A and -1A.

As before, but scaled to show the sub-nanosecond switching time.

50 ns/div. 200 mA/div:

5 ns/div. 200 mA/div:



Please see the manual for discussion of these results, and additional results generated with this instrument and different DUTs.