

info@avtechpulse.com
http://www.avtechpulse.com/

Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-W3-PN-AC00
Type: Ultra-High-Speed Pulse Generator
S.N.: 14474
Date: October 22, 2024

Output Amplitude: up to $\pm 100V$, to 50 Ω
Pulse Width (FWHM): 3 ns to 5 μs
Rise Time (20%-80%): ≤ 1.5 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: 1 Hz - 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: \rightarrow

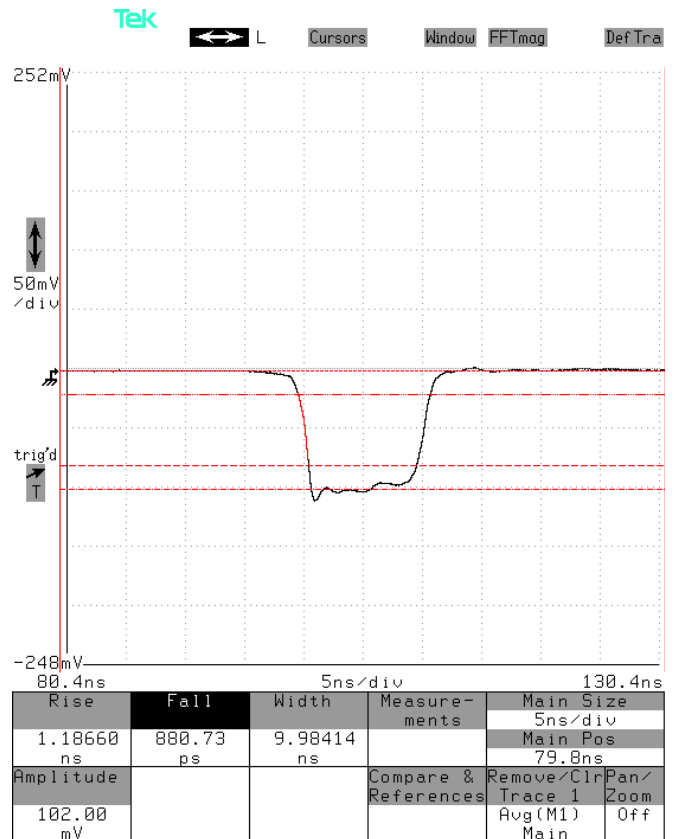
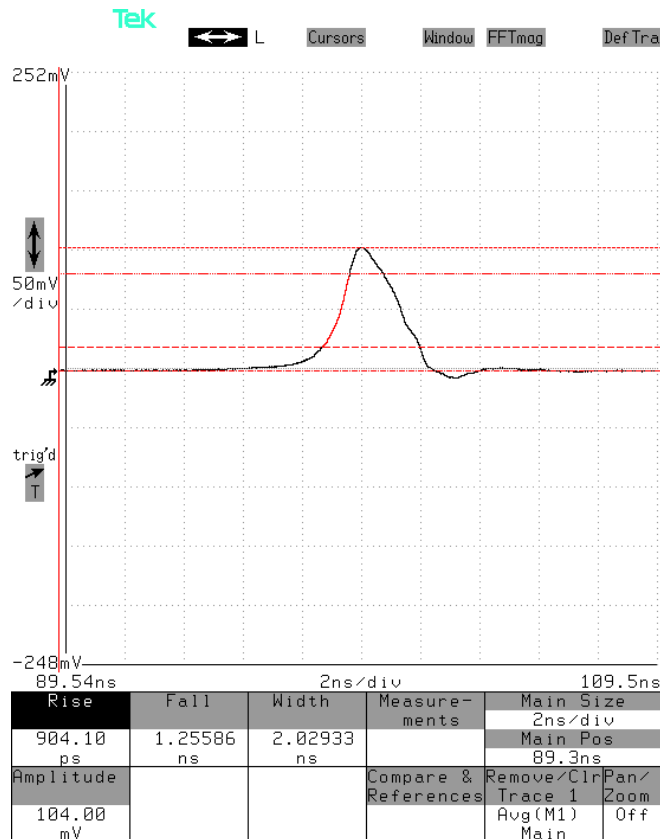
Test Waveforms

100 kHz, < 3 ns, > +100V,

10 kHz, 10 ns, > -100V,

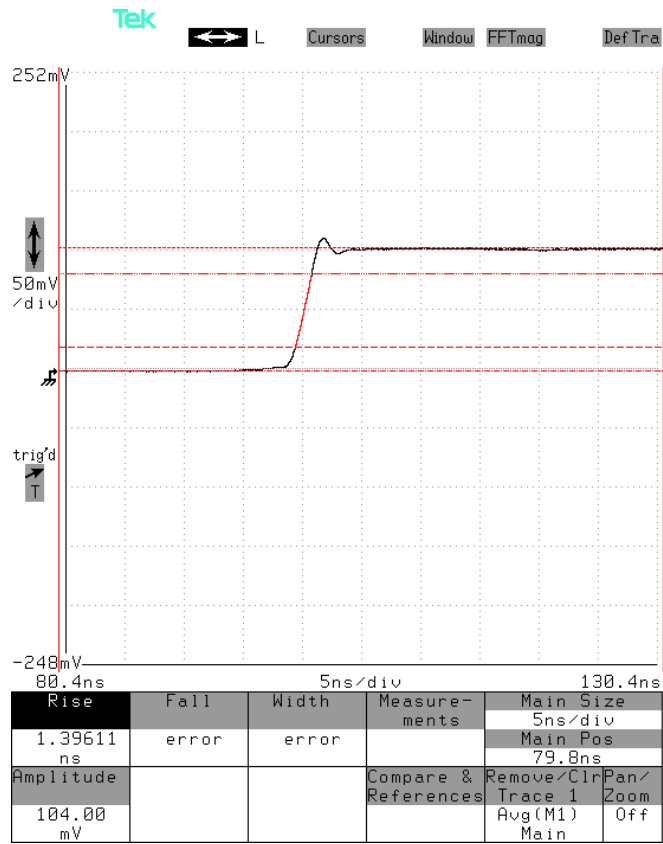
2 ns/div. 50 V/div (50 mV/div \times 60 dB):

5 ns/div. 50 V/div (50 mV/div \times 60 dB):



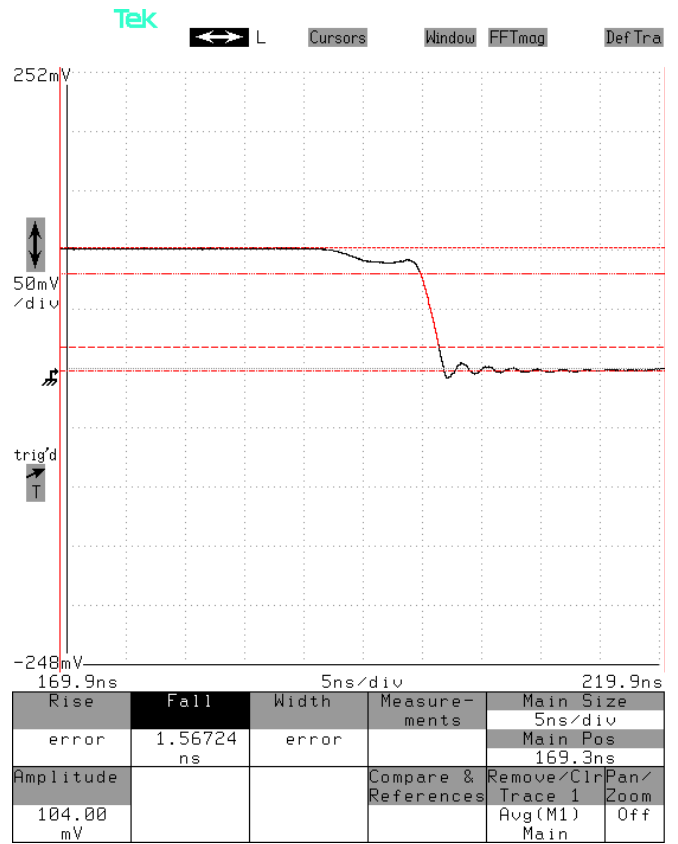
20 kHz, 100 ns, $\geq +100V$, leading edge,

5 ns/div. 50 V/div (50 mV/div \times 60 dB):



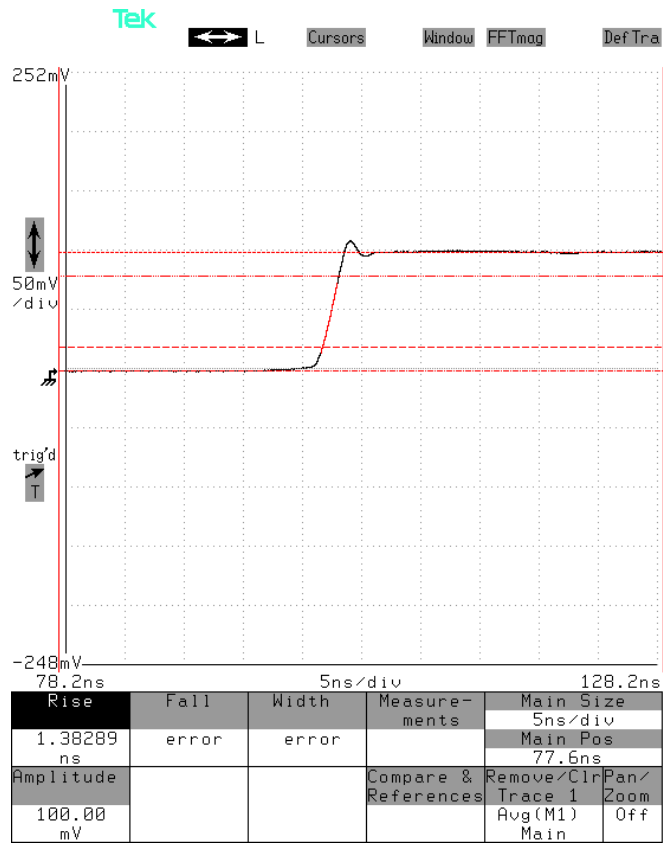
20 kHz, 100 ns, $\geq +100V$, trailing edge,

5 ns/div. 50 V/div (50 mV/div \times 60 dB):



2 kHz, 5 us, +100V, leading edge,

5 ns/div. 50 V/div (50 mV/div × 60 dB):



2 kHz, 5 us, -100V, full pulse,

1 us/div. 50 V/div (50 mV/div × 60 dB):

