



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-E3-B-PN-AC18-W3-AK2
Type: Ultra-High-Speed Pulse Generator
S.N.: 14409
Date: February 6, 2024

Output Amplitude: up to $\pm 100V$, to 50Ω
Pulse Width (FWHM): 1 ns to 5 μs
Rise Time (20%-80%): ≤ 0.5 ns
Fall Time (80%-20%): ≤ 1.5 ns
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

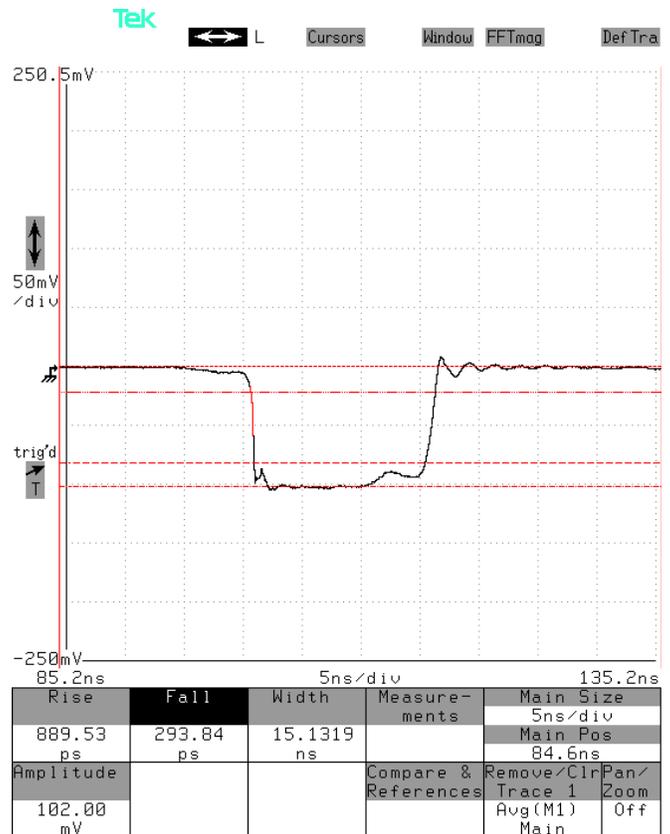
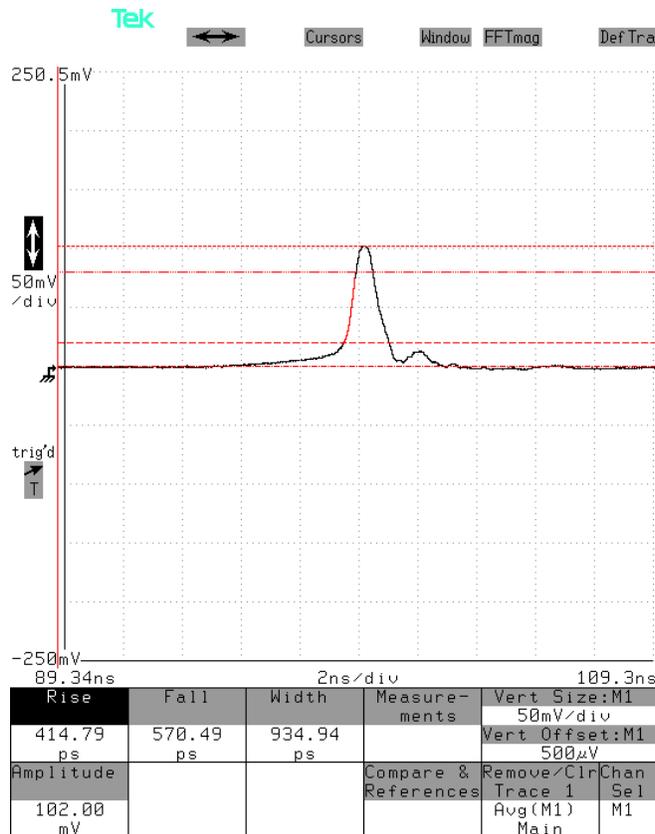
Test Waveforms

10 kHz, < 1 ns, $\geq +100V$,

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

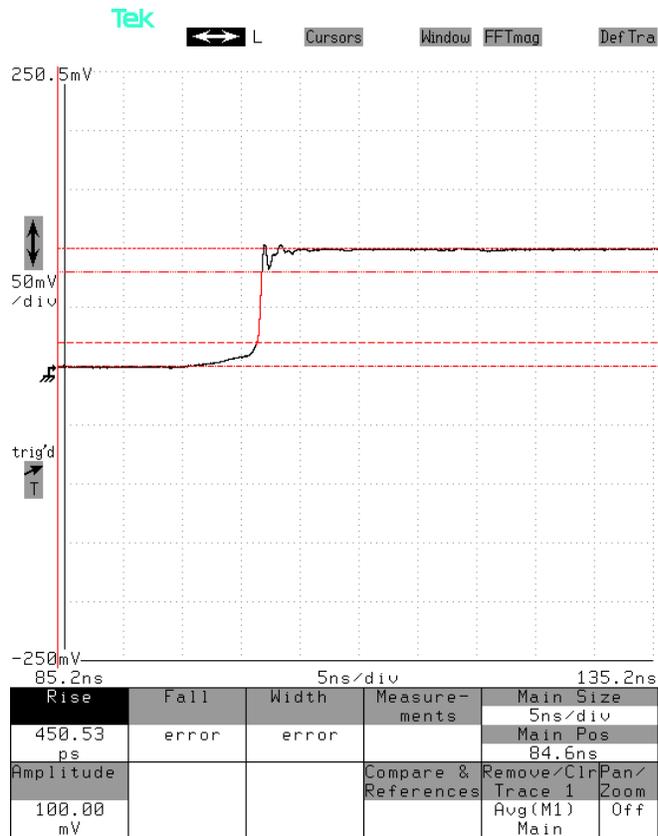
10 kHz, 15 ns, $\geq -100V$,

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



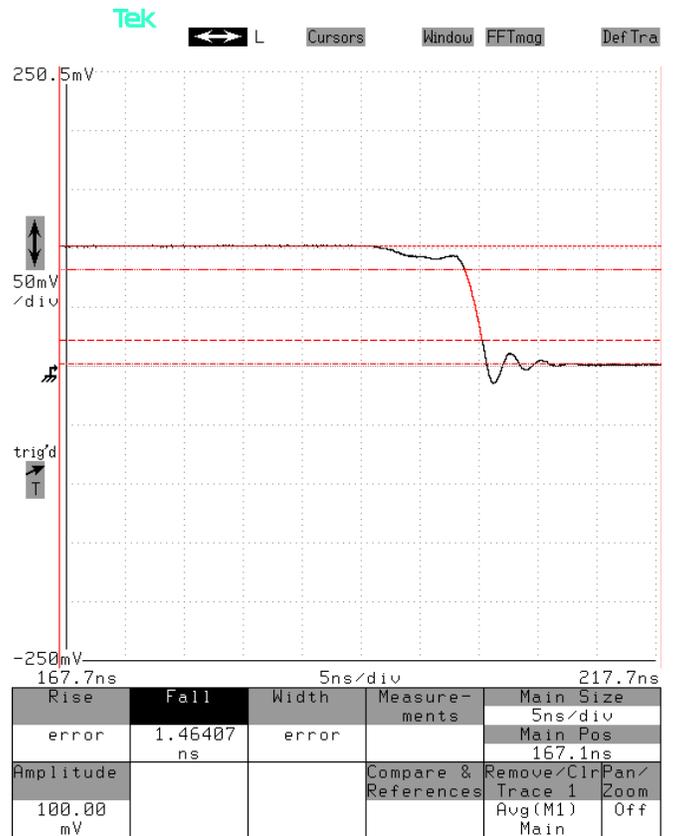
10 kHz, 100 ns, $\geq +100V$, leading edge,

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



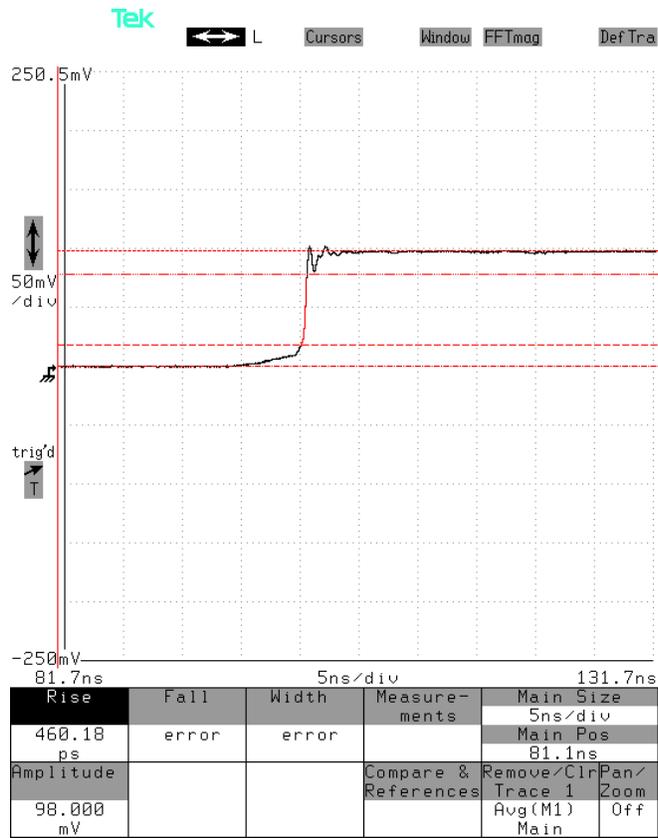
10 kHz, 100 ns, $\geq +100V$, trailing edge,

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



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

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



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

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

