



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12826
Date: July 18, 2013

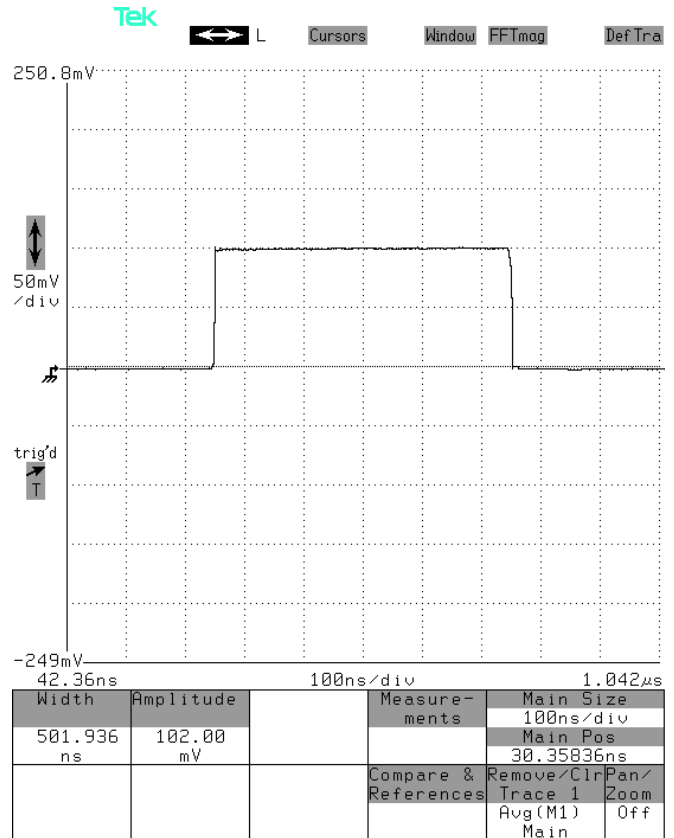
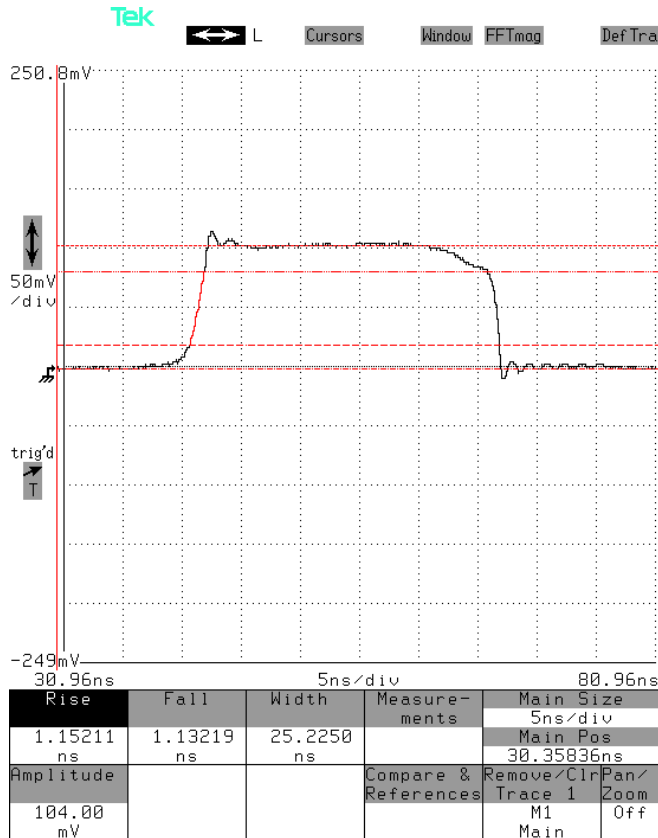
Output Amplitude: up to +100V, to 50Ω
Pulse Width (FWHM): 10 – 500 ns
Rise Time (20%-80%): ≤ 1.2 ns
Fall Time (80%-20%): ≤ 2 ns (3 ns if PW<15ns)
PRF: 1 Hz – 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

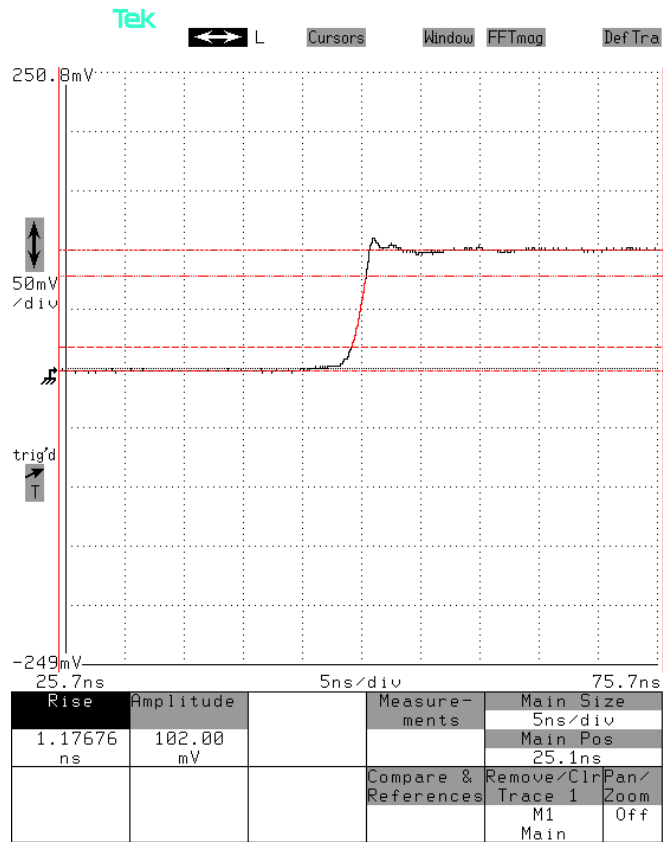
Full pulse at 200 kHz, 25 ns, +100V,
5 ns/div. 50 V/div (50 mV/div × 60 dB):

Full pulse at 10 kHz, 500 ns, +100V,
100 ns/div. 50 V/div (50 mV/div × 60 dB):



Rising edge at 10 kHz, 500 ns, +100V,

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



Falling edge at 10 kHz, 500 ns, +100V,

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

