



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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

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PERFORMANCE CHECKSHEET

Model: AVR-E2-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12277
Date: June 18, 2009

Output Amplitude: 0 to +50V, to 50Ω
Pulse Width (FWHM): 20 - 200 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 100 kHz maximum
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

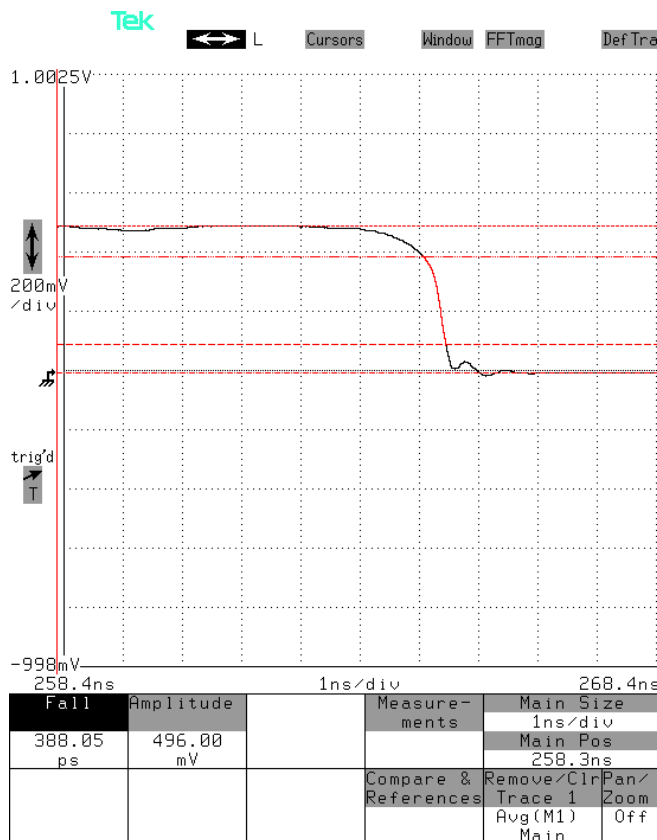
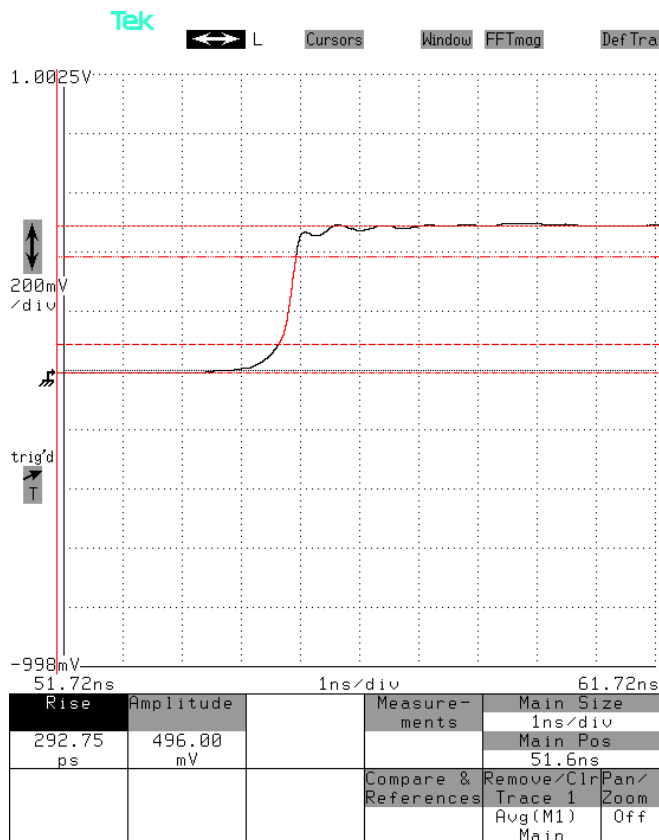
Test Waveforms

Leading edge at 100 kHz, > 200 ns, +50V,

Trailing edge at 100 kHz, > 200 ns, +50V,

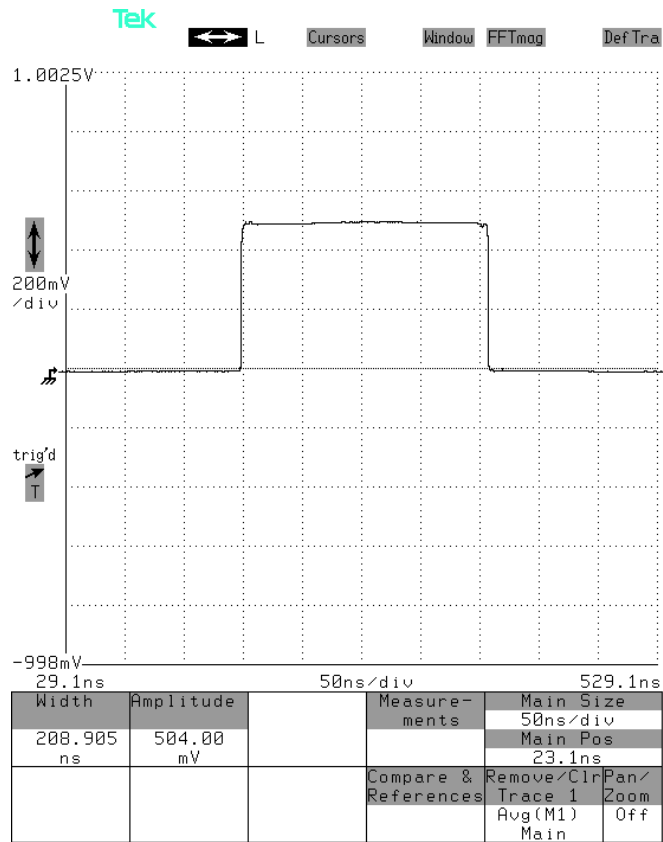
1 ns/div. 20 V/div (200 mV × 40 dB):

1 ns/div. 20 V/div (200 mV × 40 dB):



Full pulse at 100 kHz, > 200 ns, 50V,

50 ns/div. 20 V/div (200 mV × 40 dB):



Full pulse at 100 kHz, < 20 ns, 50V,

2 ns/div. 20 V/div (200 mV × 40 dB):

